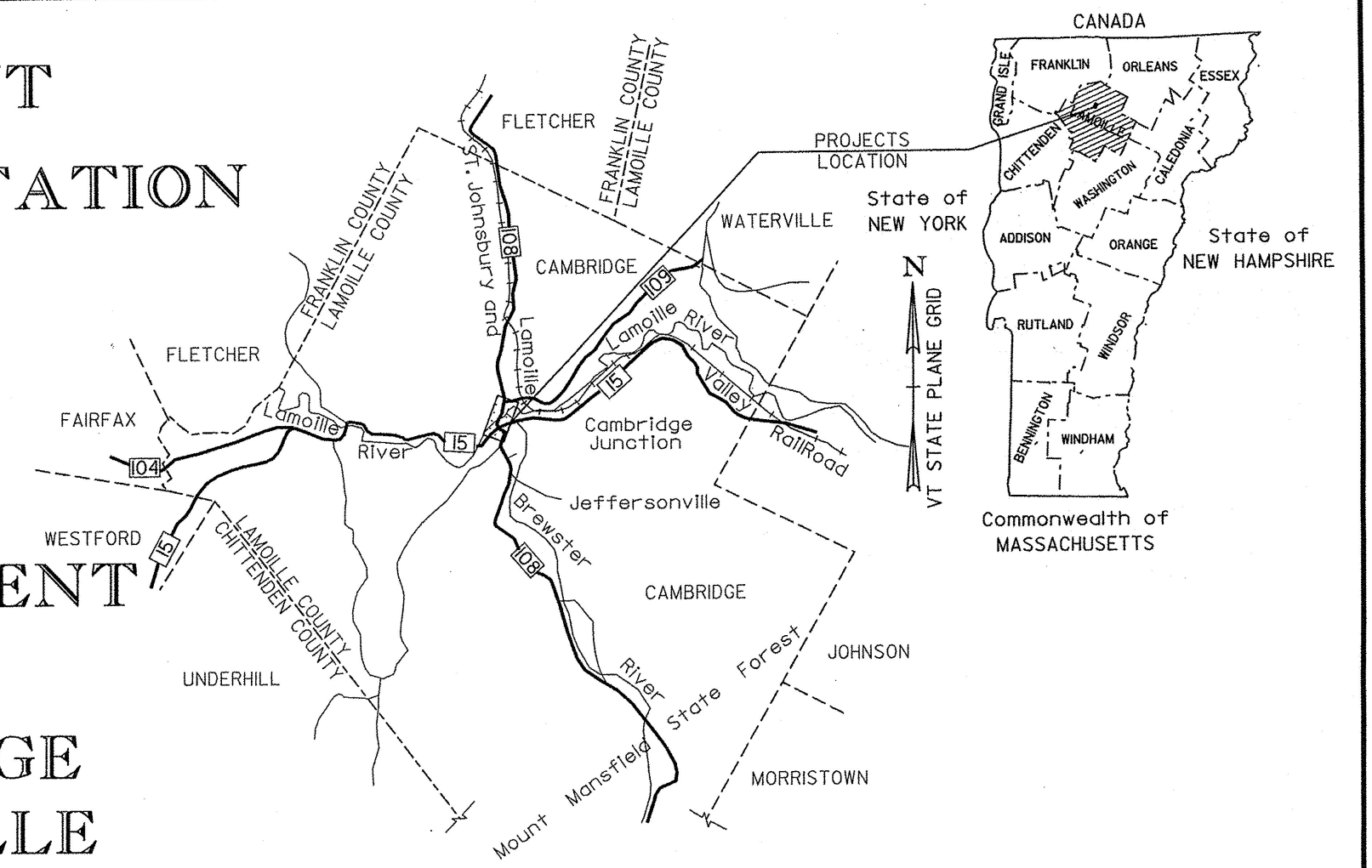


INDEX OF SHEETS

SEE SHEET 2

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



TRAFFIC DATA			
VT ROUTE 15 (WEST)		VT ROUTE 108 (NORTH)	
2012 AADT= 6400	2032 AADT= 7000	2012 AADT= 1800	2032 AADT= 1900
	2032 DHV= 790		2032 DHV= 240
	2032 %T= 14.5		2032 %T= 3.2
	2032 %D= 59		2032 %D= 56
2012 ADTT= 660	2032 ADTT= 1100	2012 ADTT= 75	2032 ADTT= 130
FUNCTIONAL CLASS - MINOR ARTERIAL		FUNCTIONAL CLASS - MINOR ARTERIAL	
2012 - 2032 ESAL'S = 4,923,000		2012 - 2032 ESAL'S = 512,000	
2012 - 2052 ESAL'S = 11,273,000		2012 - 2052 ESAL'S = 1,244,000	
POSTED SPEED = 70 KMH		POSTED SPEED = 80 KMH	
VT ROUTE 15 (EAST)		VT ROUTE 108 (SOUTH)	
2012 AADT= 6100	2032 AADT= 6700	2012 AADT= 2400	2032 AADT= 2600
	2032 DHV= 760		2032 DHV= 290
	2032 %T= 12.1		2032 %T= 12.2
	2032 %D= 56		2032 %D= 65
2012 ADTT= 570	2032 ADTT= 960	2012 ADTT= 190	2032 ADTT= 330
FUNCTIONAL CLASS - MINOR ARTERIAL		FUNCTIONAL CLASS - MAJOR COLLECTOR	
2012 - 2032 ESAL'S = 4,694,000		2012 - 2032 ESAL'S = 1,161,000	
2012 - 2052 ESAL'S = 10,747,000		2012 - 2052 ESAL'S = 2,697,000	
POSTED SPEED = 70 KMH		POSTED SPEED = 70 KMH	

PROPOSED IMPROVEMENT

TOWN OF CAMBRIDGE  
COUNTY OF LAMOILLE

VT ROUTE 15 AND VT ROUTE 108, BRIDGE #21  
MINOR ARTERIAL, MAJOR COLLECTOR

PROJECT STP 030-2(27)

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 15, APPROXIMATELY 128.456 M WEST OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION, AND EXTENDING EASTERLY FOR A DISTANCE OF APPROXIMATELY 259.520 M; THEN BEGINNING AT A POINT ON VT ROUTE 108, APPROXIMATELY 89.095 M SOUTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION, AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 171.889 M, WHICH IS THE BEGINNING OF PROJECT BRF 027-1(4).

LENGTH OF ROADWAY (VT ROUTE 15) = 259.520 m  
LENGTH OF ROADWAY (VT ROUTE 108) = 171.889 m  
LENGTH OF PROJECT = 431.409 m

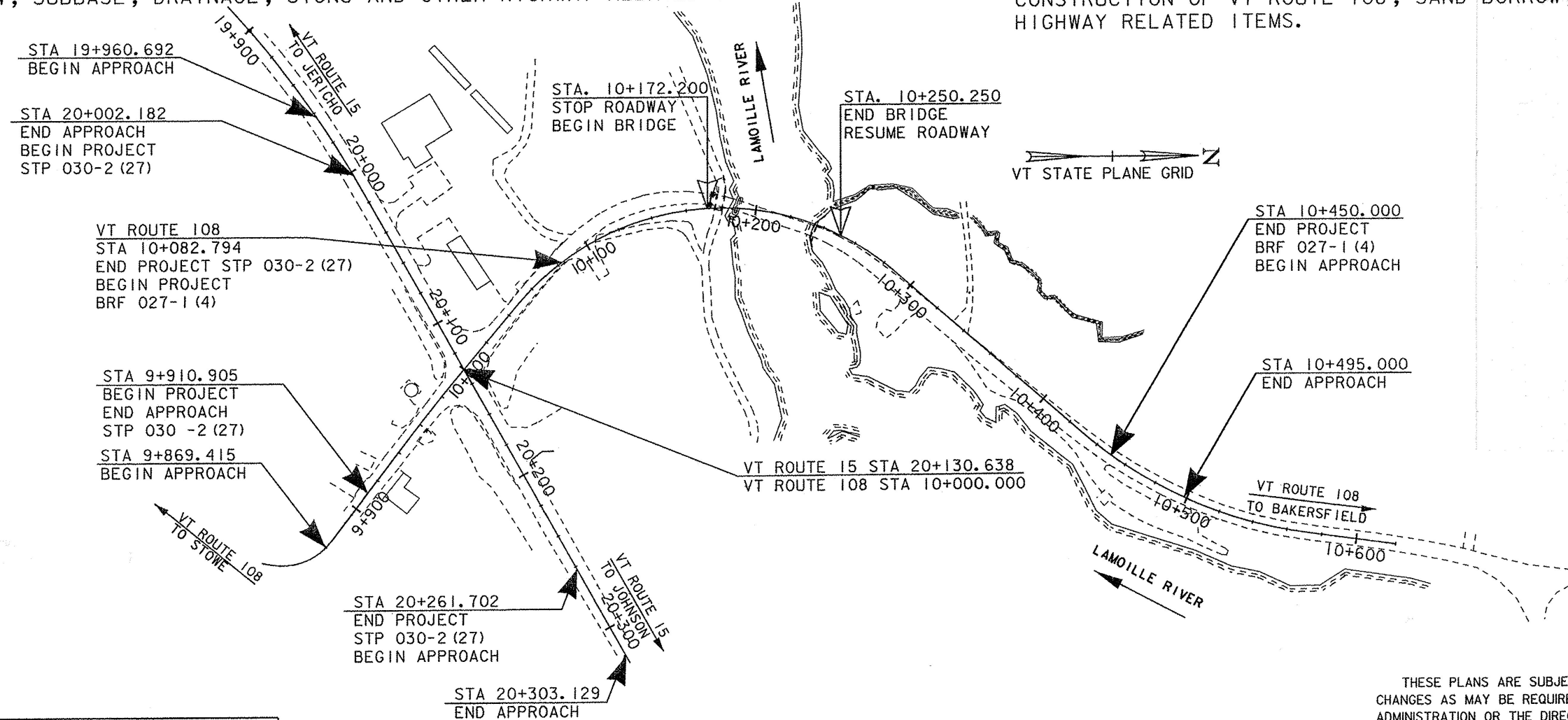
WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS OF CONSTRUCTION OF A ROUNDABOUT AT THE INTERSECTION OF VT ROUTE 15 AND VT ROUTE 108, SAND BORROW, SUBBASE, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

PROJECT BRF 027-1(4)

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 108, APPROXIMATELY 82.794 M NORTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 367.206 M.

LENGTH OF ROADWAY = 289.156 m  
LENGTH OF BRIDGE = 78.050 m  
LENGTH OF PROJECT = 367.206 m

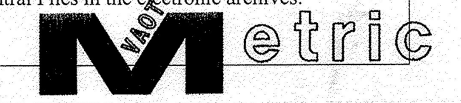
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REMOVAL OF EXISTING BRIDGE NO. 21 AND CONSTRUCTION OF A NEW BRIDGE AND APPROACHES ON AN IMPROVED HORIZONTAL ALIGNMENT, CONSTRUCTION OF VT ROUTE 108, SAND BORROW, SUBBASE, PAVEMENT, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.



RECORD PLANS

CONTRACTOR: A.L. ST. ONGE CONTRACTOR, INC. - MONTGOMERY, VT  
RESIDENT ENGINEER: GREG WILCOX  
CONSTRUCTION BEGAN: SEPTEMBER 14, 2012  
CONSTRUCTION COMPLETE: JUNE 12, 2014  
RECORD PLANS BY: GREG WILCOX & KEVIN KING  
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.  
BY: *[Signature]* RESIDENT ENGINEER  
DATE: 6/10/16

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.



UNLESS NOTED OTHERWISE  
STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

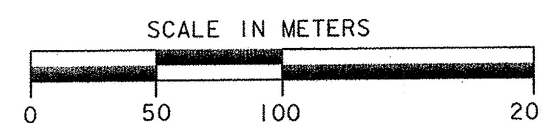
QUALITY ASSURANCE PROGRAM: LEVEL 2

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	

SURVEYED BY: CLD/VTRANS  
SURVEYED DATE: 12/1998/2010

DATUM  
VERTICAL: NAVD 88  
HORIZONTAL: NAD 83/96



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.

DIRECTOR OF PROGRAM DEVELOPMENT  
APPROVED: *[Signature]* DATE: 6-5-16  
PROJECT MANAGER: J. SCHULTZ  
PROJECT NAME: CAMBRIDGE  
PROJECT NUMBER: STP 030 -2 (27)/BRF 027-1 (4)  
SHEET 1 OF 214 SHEETS

# RIGHT - OF - WAY DETAIL SHEET



TABLE OF PROPERTY ACQUISITION

TABLE OF REVISIONS

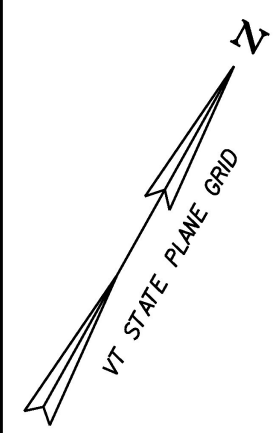
PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA				REMARKS		
							AREA ±	AREA ±	TYPE	(T)/(P)	AREA ±	TITLE	DATE		TOWN / CITY	BOOK
1	NOT USED															
2	JOYCE ELIZABETH SELBY JACOBS TRUSTEE OF THE JOYCE ELIZABETH SELBY JACOBS 1993 REVOCABLE TRUST	26, 27	VT 108 10+074.38 LT VT 108 10+032.30 LT VT 108 10+079.71 LT	VT 108 10+080.77 LT VT 108 10+059.00 LT VT 108 10+080.71 LT			CONST. DRIVE DETOUR	(T) (T) (T)	17.26 SM 125 SM 0.86 SM	GTR	2/29/2012	CAMBRIDGE	382	348-349	INCL. PDF & EROSION CONTROL 186 SF± 8.0 M PAVED (26.2') MM 0910, 1,345 SF± INCL. PARKING AREA 10 SF±	
3	JOLLEY ASSOCIATES	26, 27, 29	VT 15 20+121.25 RT VT 15 20+124.99 RT VT 15 20+116.56 RT VT 15 20+137.52 RT VT 108 9+940.00 LT	VT 15 20+137.22 RT VT 15 20+135.38 RT VT 15 20+143.02 RT VT 15 20+140.00 RT VT 108 9+955.00 LT			SLOPE HWY CONST. DITCH SLOPE	(T) (P) (T) (P) (T)	13.11 SM 34.28 SM 140.87 SM 17.80 SM 19.0 SM	WD	3/22/2012	CAMBRIDGE	383	168-170	141 SF± INCL. EC 369 SF± 1,516 SF± INCL. PDF 192 SF± 205 SF±	
4	CENTRAL VERMONT PUBLIC SERVICE CORPORATION															UTILITY
5	TELEPHONE OPERATING COMPANY OF VERMONT LLC															UTILITY
6	VILLAGE OF JEFFERSONVILLE WATER & SEWER DEPARTMENT															UTILITY
7	JEFFERSONVILLE CABLE T.V. CORPORATION															UTILITY
8	UNION BANK - LESSOR ELLIOTT, RONALD ELLIOTT, JEREMY d/b/a SMUGGLERS' NOTCH DISTILLERY, LLC - LESSEE	28, 29	VT 108 9+943.59 RT VT 108 9+940.00 RT	VT 15 20+160.59 RT			DRIVE CONST	(T) (T)	126.70 SM	GTR	3/23/2012	CAMBRIDGE	383	172	8 M PAVED MM 0.03 A± INCL. PDF & EC, REMOVAL OF EXISTING DRIVES.	

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	20	PARCEL NO. 2 JACOBS - CHANGED MM FROM 0905 TO 0910 PER CHANGE ORDER 9548 COMPLETED BY: MT APPROVED BY: HP	12/30/2008
2	20, 21	PARCEL NO. 1 LITTLE GRAY RABBIT - ADDED 'REMOVE (T) SIGN' AT 20+020 LT SIGN IS IN EXISTING R.O.W. PER CHANGE ORDER 9552 COMPLETED BY: MT APPROVED BY: HP	02/10/2009
3	20, 22	PARCEL NO. 3B BELL-GATES LUMBER CORPORATION - REMOVE INSTALL (P), GUY WIRE & ANCHOR. NOT NEEDED (EXISTING). PER CHANGE ORDER 9553 COMPLETED BY: MT APPROVED BY: HP	02/10/2009
4	21	AS OF THIS DATE, THIS PROJECT HAS NOT BEEN GRANTED NECESSITY.	02/10/2009
4	21	PARCEL NO. 1 LITTLE GRAY RABBIT - CHANGED CONST. (T) BEGINNING STATION FROM 20+021.84 LT TO 20+032.97 LT; CHANGED AREA FROM 144.08 SM TO 24 SM; ELIMINATED CULVERT (P) AND DRIVE (T). PER CHANGE ORDER 9560 COMPLETED BY: MT APPROVED BY: HP	06/30/2009
5	21, 22	PARCEL NO. 2 JOYCE ELIZABETH SELBY JACOBS, TRUSTEE OF THE JOYCE ELIZABETH SELBY JACOBS 1993 REVOCABLE TRUST - ELIMINATE DRIVE (T) BEGINNING STATION 20+046.00 LT; ELIMINATE REMOVE & RESET (T) SIGN POLE; ELIMINATE CULV., DITCH & DRAIN (P). CHANGED CONST. (T) TO BEGINNING STATION 20+044.72 LT AND ENDING STATION TO 20+051.31 LT PER CHANGE ORDER 9561 COMPLETED BY: MT APPROVED BY: HP	07/01/2009
6	21, 22	PARCEL NO. 3A BELL-GATES LUMBER CORPORATION - SOLD PART OF PROPERTY TO UNION BANK. PARCEL NO. CHANGED TO PARCEL 3. ALL RIGHTS REMAIN THE SAME. PER CHANGE ORDER 9562 COMPLETED BY: MT APPROVED BY: HP	07/01/2009
7	22	PARCEL NO. 3B BELL-GATES LUMBER CORPORATION - SOLD TO UNION BANK. NOW BECOMES PARCEL NO. 8. ALL RIGHTS REMAIN THE SAME, TRANSFERRED TO PARCEL 8 PER CHANGE ORDER 9563 COMPLETED BY: MT APPROVED BY: HP	07/01/2009
NOTE: DESIGN CHANGED TO A ROTARY AT INTERSECTION OF VT ROUTE 15 AND 108 IN 2010			
8	27	DESIGN CHANGED FROM INTERSECTION TO ROTARY WITH VT ROUTE 15 & 108 IN 2010. COMPLETED BY: MT C.O. 9709 APPROVED BY: HP	03/31/2011
9	25, 26	PARCEL 1 LITTLE GRAY RABBIT - DESIGN CHANGE, DRIVE WORK NOW ENTIRELY IN R.O.W., GETTING SEPARATE DRIVE. NO RIGHTS NEEDED. LITTLE GRAY RABBIT REMOVED FROM PROJECT. PARCEL NOT USED. COMPLETED BY: MT C.O. 9710 APPROVED BY: HP	03/31/2011
10	25, 26, 27, 29	PARCEL 3 BELL-GATES LUMBER - NAME CHANGED TO API PROPERTIES 496, LLC COMPLETED BY: MT C.O. 9713 APPROVED BY: HP	04/29/2011
11	25, 26, 27, 29	PARCEL 3 API PROPERTIES - PROPERTY SOLD, CHANGE NAME TO JOLLEY ASSOCIATES. COMPLETED BY: MT C.O. 9723 APPROVED BY: HP	06/01/2011
12	25	PARCEL 2 JACOBS - CORRECT RIGHT AREA FOR DRIVE (T) FROM 226 SM TO 125 SM; CORRECT REMARKS 2 433 SF± TO 1,345 SF± COMPLETED BY: MT C.O. 9741 APPROVED BY: HP	08/09/2011
13	25, 28, 29	PARCEL 8 UNION BANK - CHANGED TO UNION BANK - LESSOR, ELLIOTT, RONALD & ELLIOTT, JEREMY, d/b/a SMUGGLERS' NOTCH DISTILLERY, LLC - LESSEE COMPLETED BY: MR C.O. 9742 APPROVED BY: HP	08/18/2011

PLAN LEGEND					
	EXISTING RIGHT-OF-WAY		TOE OF SLOPE	BF	-BARRIER FENCE
	TAKING WITH ACCESS		TOP OF CUT	EC	-EROSION CONTROL
	TAKING WITHOUT ACCESS		SLOPE RIGHT	(P)	-PERMANENT
	CLEAR ZONE		CONSTRUCTION RIGHT	(T)	-TEMPORARY
	PROPERTY LINE		PROJECT DEMARICATION FENCE	DR.	-DRAINAGE RIGHT
				DIT.	-DITCHING RIGHT
				CH.	-CHANNEL RIGHT
				DRIVE	-DRIVE RIGHT
				CUL.	-CULVERT RIGHT
				C&T	-CLEARING & TRIMMING RIGHT
				SR	-SLOPE RIGHT
				UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 11-19-08  
CHIEF, PLANS & TITLES

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	4/30/2012
PROJECT NUMBER:	STP 030-2(27)	DRAWN BY:	M. TROTTIER
FILE NAME:	r78f163STPdetail.xls	CHECKED BY:	R. FERLAZO
PROJECT LEADER:	J. SHULTZ	SHEET	77 OF 214
DESIGNED BY:	TUS/SRB		
R.O.W. DETAIL SHEET #1			



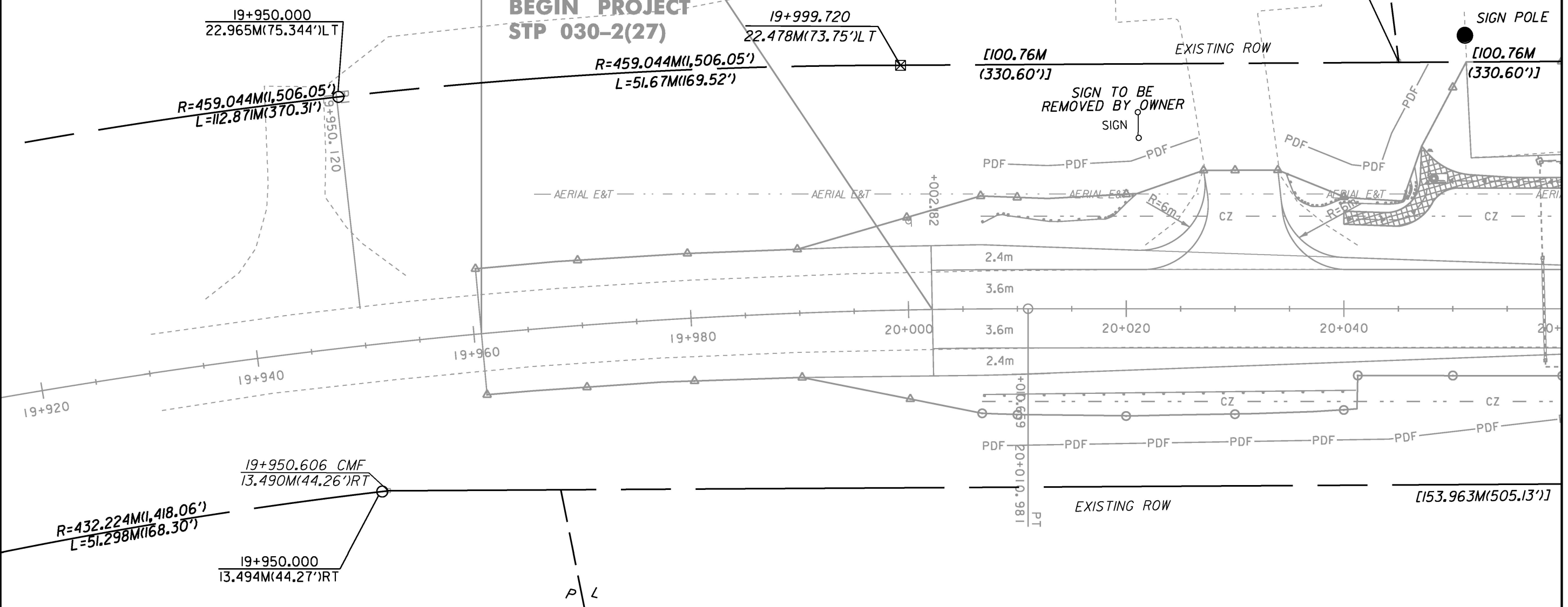
CONSTRUCT DRIVE  
STA. 20+030.517, LT. (6.82m PAVED)

**NF**  
**LITTLE GRAY RABBIT LLC - LESSOR**  
**K-2 CONSTRUCTION, INC. - LESSEE**

**JOYCE ELIZABETH SELBY**  
**JACOBS TRUSTEE OF THE**  
**JOYCE ELIZABETH SELBY JACOBS**  
**1993 REVOCABLE TRUST**

**2**

**STA. 19+960.692**  
**BEGIN APPROACH**  
**MATCH EXISTING**  
**STA. 20+002.182**  
**END APPROACH**  
**BEGIN PROJECT**  
**STP 030-2(27)**



MATCHLINE - STA. 20+060 - SEE LAYOUT PLAN 2

**NF**  
**POLHEMUS, KYLE E.**

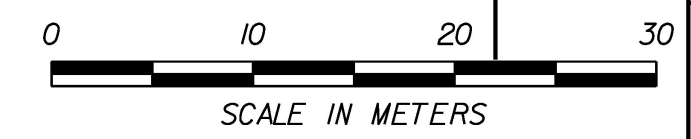
**3**

**JOLLEY ASSOCIATES**

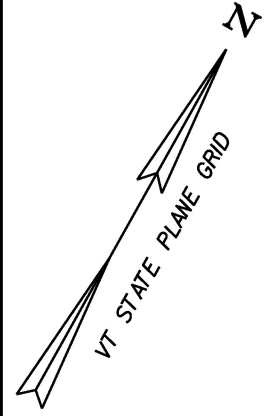
CMF = CONCRETE MONUMENT FOUND

LINE 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.

**FOR R.O.W.**  
**USE ONLY**



<b>STP LAYOUT #1</b>	
PROJECT NAME: CAMBRIDGE	
PROJECT NUMBER: STP 030-2(27)	
FILE NAME: r78f163STPlay1.dgn	PLOT DATE: 05-JUN-2012
PROJECT LEADER: JLS	DRAWN BY: B. FERLAZO
DESIGNED BY: MBL	CHECKED BY: H. PETROVS
ROW STP LAYOUT SHEET 1	SHEET 78 OF 214



**VT ROUTE 108 STA. 10+082.794  
END ROADWAY PROJECT  
STP 030-2(27)  
BEGIN BRIDGE PROJECT  
BRF 027-1(4)**

CONSTRUCT DRIVE  
STA. 10+055.294, LT. (8m PAVED)  
STA. 20+073.010, LT. (10m PAVED)  
STA. 20+187.354, LT. (12m PAVED)

620.50-REMOVING AND RESETTING FENCE  
STA. 10+072.000 - STA. 10+082.794, RT.

CURVE #4 POINTS		
STATION	NORTHING	EASTING
PC 10+048.169	238694.7594	473822.9178
PI 10+202.302	238793.0980	473704.2320
PT 10+287.865	238909.0681	473805.7590

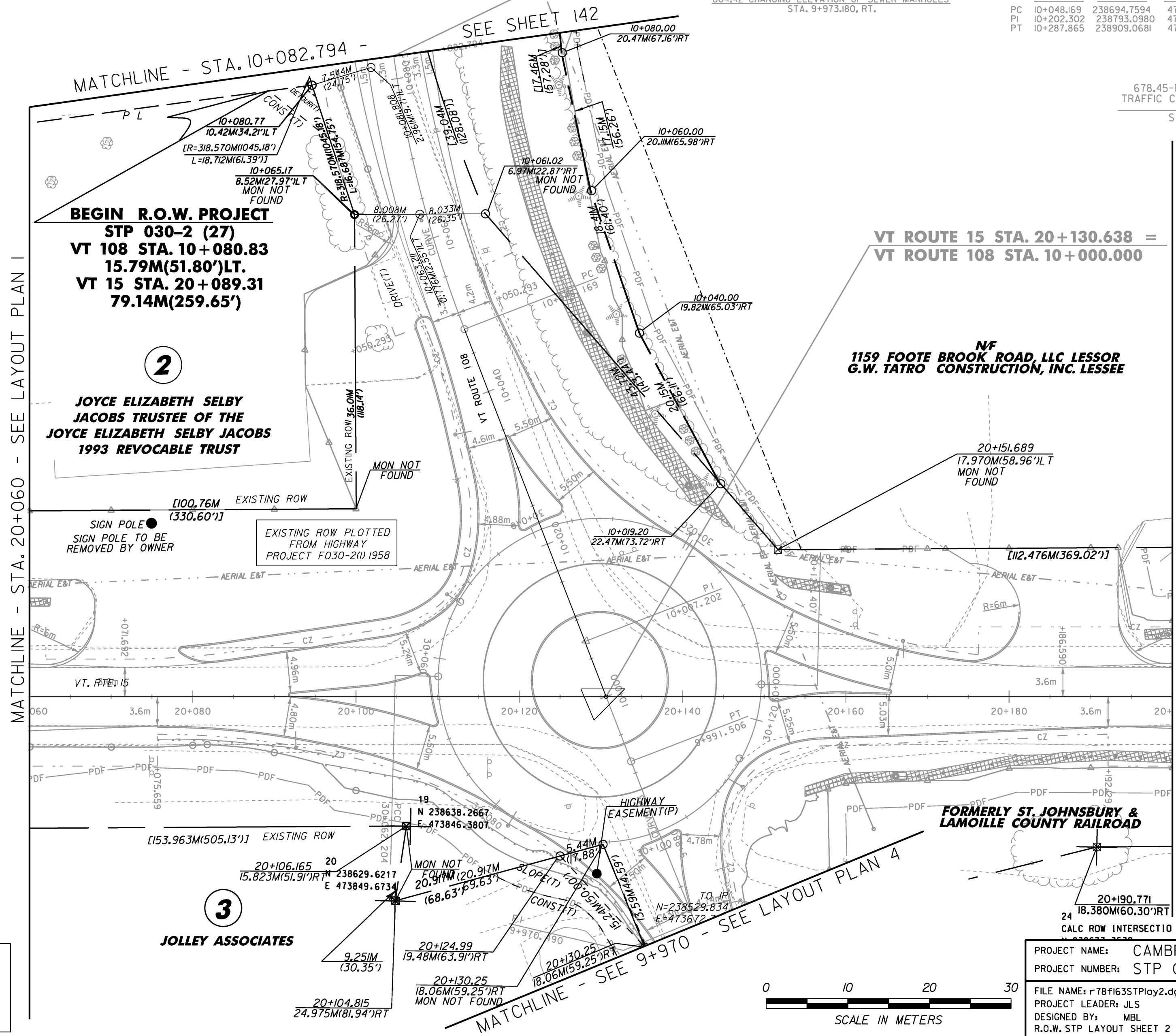


CURVE DATA #4

R	= 150.000m
Δ	= 97°33'24.93" RT.
D	= 1738'33.09"
L	= 239.695m
T	= 154.132m
C	= 214.995m
M	= 45.385m
E	= 65.074m
e	= 7.8 %

604.42-CHANGING ELEVATION OF SEWER MANHOLES  
STA. 9+973.180, RT.

678.45-REMOVAL OF EXISTING  
TRAFFIC CONTROL SIGNAL SYSTEM  
STA. 10+000.000



MATCHLINE - STA. 20+060 - SEE LAYOUT PLAN 1

MATCHLINE - STA. 20+200 - SEE LAYOUT PLAN 3

**BEGIN R.O.W. PROJECT  
STP 030-2 (27)  
VT 108 STA. 10+080.83  
15.79M(51.80')LT.  
VT 15 STA. 20+089.31  
79.14M(259.65')**

**2**

**JOYCE ELIZABETH SELBY  
JACOBS TRUSTEE OF THE  
JOYCE ELIZABETH SELBY JACOBS  
1993 REVOCABLE TRUST**

EXISTING ROW  
[100.76M (330.60')]  
SIGN POLE  
SIGN POLE TO BE  
REMOVED BY OWNER

EXISTING ROW PLOTTED  
FROM HIGHWAY  
PROJECT F030-2(1) 1958

**3**

**JOLLEY ASSOCIATES**

SEE LAYOUT PLAN 4

**FOR R.O.W.  
USE ONLY**

LINE 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.

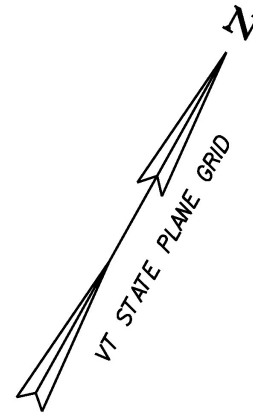


PROJECT NAME: CAMBRIDGE  
PROJECT NUMBER: STP 030-2(27)

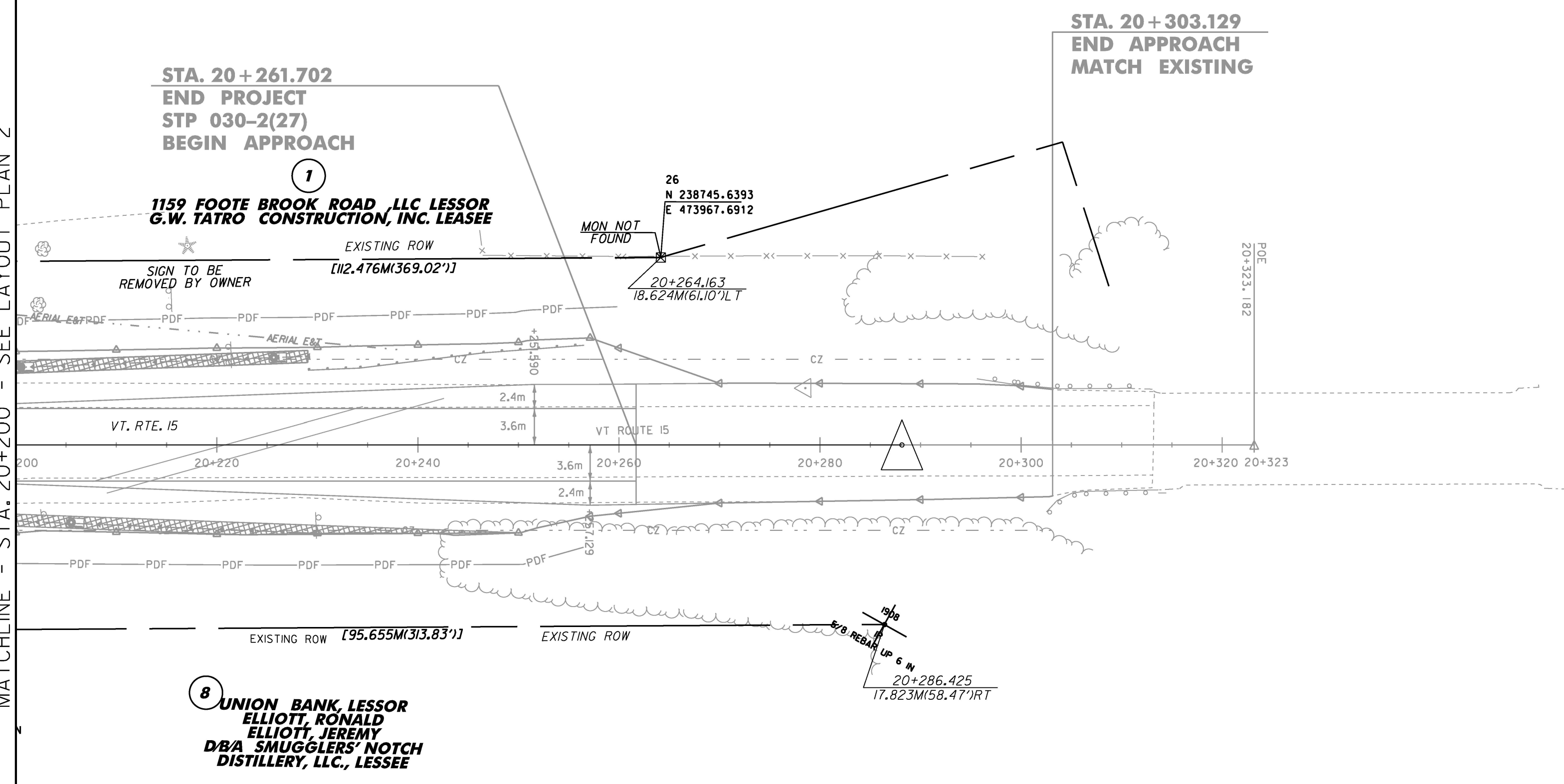
FILE NAME: r78f163STPlay2.dgn  
PROJECT LEADER: JLS  
DESIGNED BY: MBL  
R.O.W. STP LAYOUT SHEET 2

**STP LAYOUT #2**

PLOT DATE: 05-JUN-2012  
DRAWN BY: B. FERLAZO  
CHECKED BY: H. PETROVS  
SHEET 79 OF 214



MATCHLINE - STA. 20+200 - SEE LAYOUT PLAN 2



**STA. 20+303.129  
END APPROACH  
MATCH EXISTING**

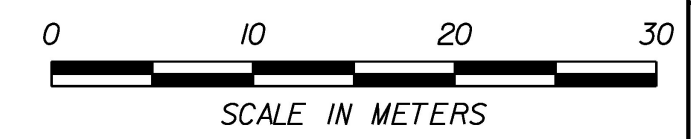
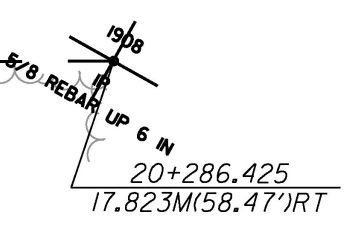
**STA. 20+261.702  
END PROJECT  
STP 030-2(27)  
BEGIN APPROACH**

**1159 FOOTE BROOK ROAD LLC LESSOR  
G.W. TATRO CONSTRUCTION, INC. LESSEE**

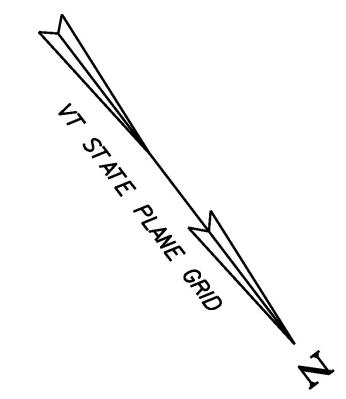
**8 UNION BANK, LESSOR  
ELLIOTT, RONALD  
ELLIOTT, JEREMY  
DBA SMUGGLERS' NOTCH  
DISTILLERY, LLC., LESSEE**

**FOR R.O.W.  
USE ONLY**

LINE 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.



<b>STP LAYOUT #3</b>	
PROJECT NAME: CAMBRIDGE	FILE NAME: r78f163STPlay3.dgn
PROJECT NUMBER: STP 030-2(27)	PLOT DATE: 05-JUN-2012
DESIGNED BY: MBL	DRAWN BY: B. FERLAZO
R.O.W. STP LAYOUT SHEET 3	CHECKED BY: H. PETROVS
	SHEET 80 OF 214



CURVE #2 POINTS			
STATION	NORTHING	EASTING	
PC	9+838.190	238554.3709	473970.7648
PI	9+859.588	238575.4366	473974.5237
PT	9+876.602	238588.3846	473957.4871

CURVE DATA #2	
R	= 35.000m
Δ	= 62° 52' 55.25" LT.
D	= 49' 53" 47.54"
L	= 38.412m
T	= 21.398m
C	= 36.513m
M	= 5.139m
E	= 6.023m
e	= MATCH EXISTING

900.675-SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)  
 STA. 9+934.418, LT. (6.30m GRAVEL)

CONSTRUCT DRIVE  
 STA. 9+934.418, LT. (6.30m GRAVEL)  
 STA. 9+943.594, RT. (8.0m PAVED)

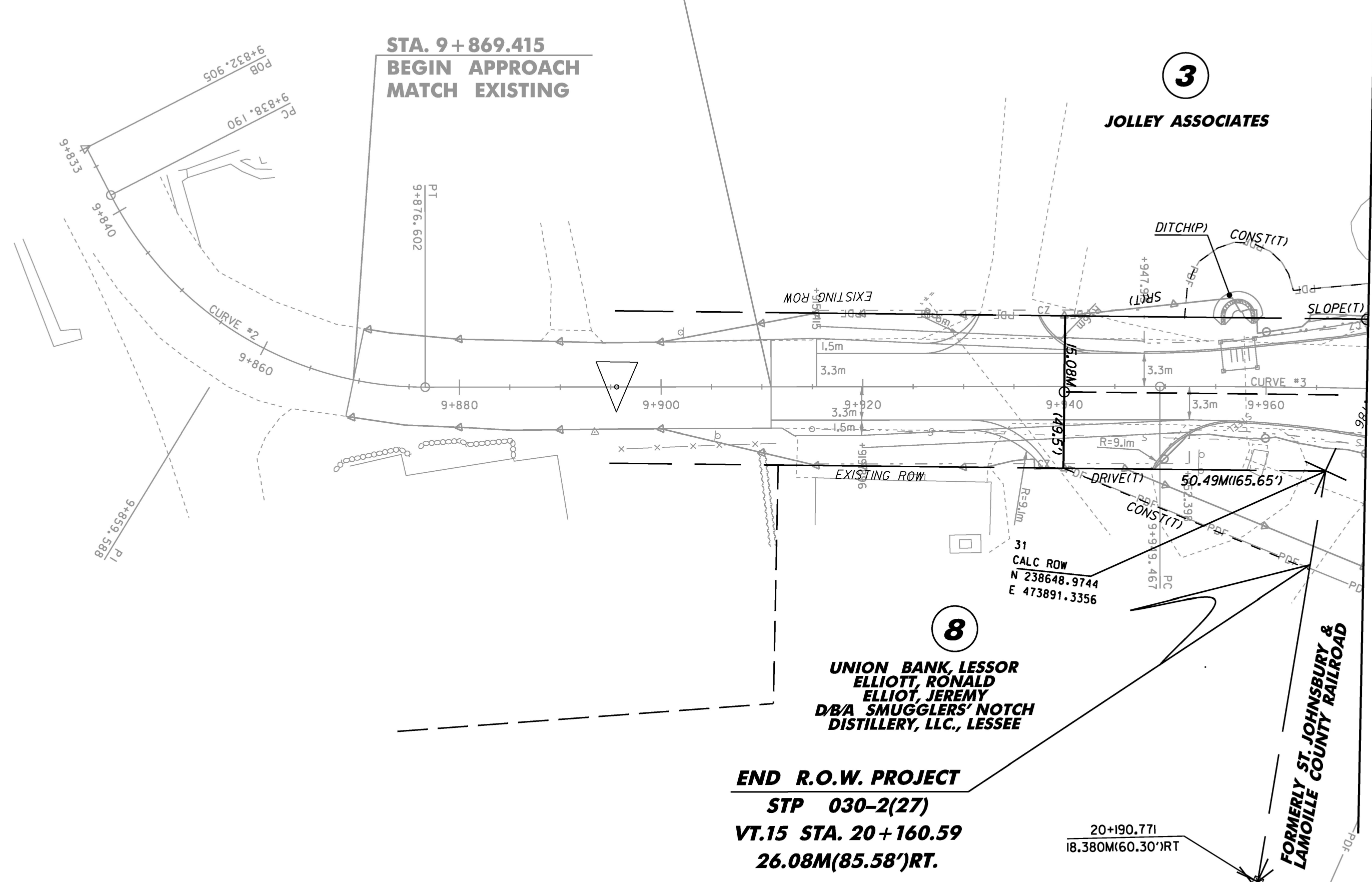
604.42-CHANGING ELEVATION OF SEWER MANHOLES  
 STA. 9+914.965, RT.  
 STA. 9+958.408, RT.

CURVE #3 POINTS			
STATION	NORTHING	EASTING	
PC	9+949.467	238632.4740	473899.4754
PI	9+970.490	238645.1947	473882.7379
PT	9+991.506	238658.6076	473866.5497

CURVE DATA #3	
R	= 1000.000m
Δ	= 02° 24' 31.30" RT.
D	= 01° 44' 46.96"
L	= 42.040m
T	= 21.023m
C	= 42.037m
M	= 0.221m
E	= 0.221m
e	= NC

**STA. 9+910.905  
 END APPROACH  
 BEGIN PROJECT  
 STP 030-2(27)**

**STA. 9+869.415  
 BEGIN APPROACH  
 MATCH EXISTING**



**FOR R.O.W.  
 USE ONLY**

LINE 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.

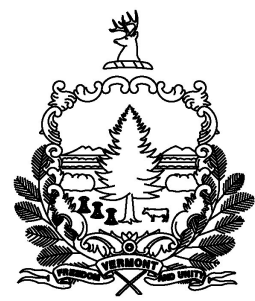
**END R.O.W. PROJECT  
 STP 030-2(27)  
 VT.15 STA. 20+160.59  
 26.08M(85.58')RT.**



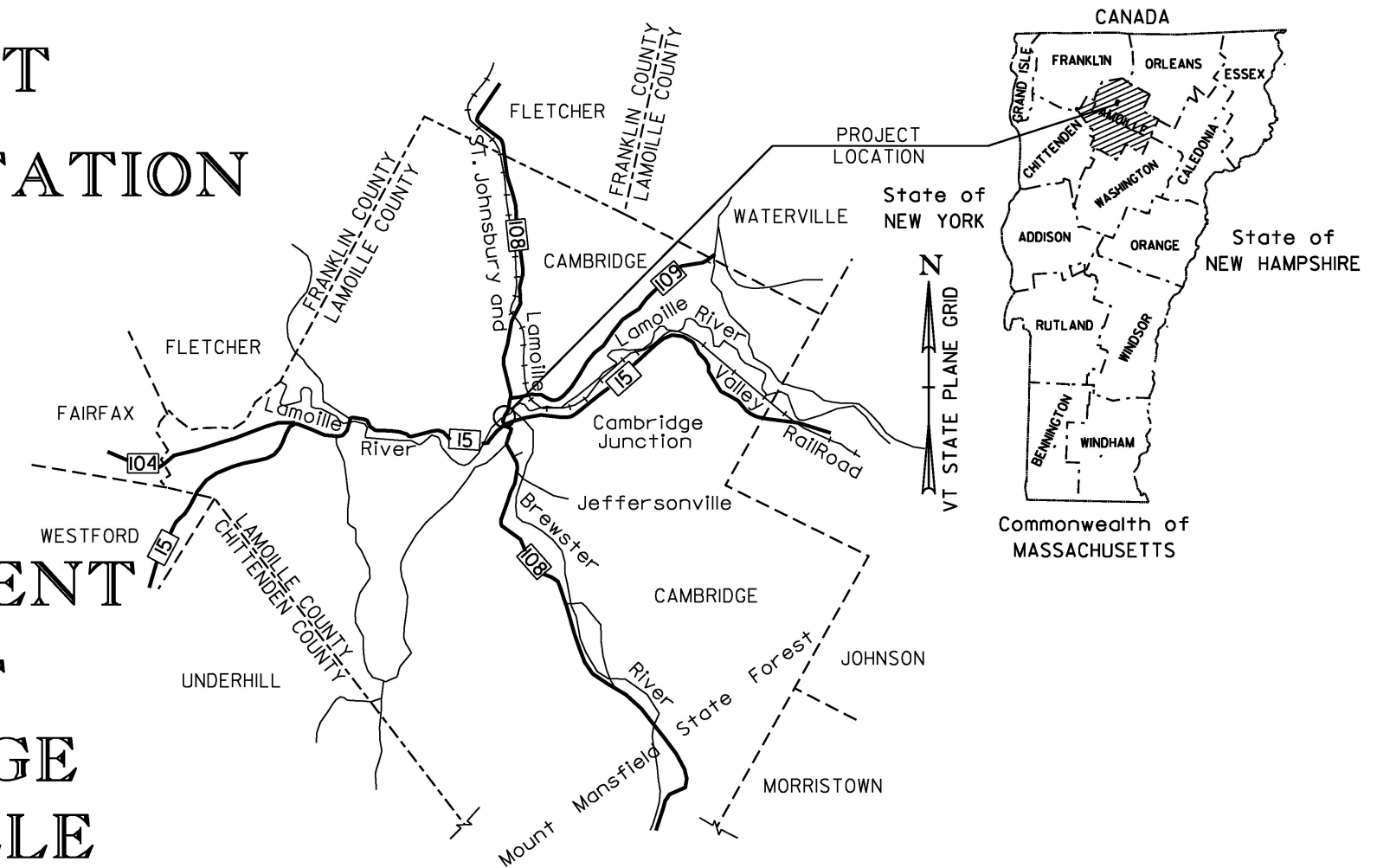
**STP LAYOUT #4**

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	STP 030-2(27)	DRAWN BY:	B. FERLAZO
FILE NAME:	r78f163STP1ay4.dgn	CHECKED BY:	H. PETROVS
PROJECT LEADER:	JLS	R.O.W. STP LAYOUT SHEET 4	SHEET 81 OF 214

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
BRIDGE PROJECT  
TOWN OF CAMBRIDGE  
COUNTY OF LAMOILLE  
VT ROUTE 108, BRIDGE #21  
MAJOR COLLECTOR



**TRAFFIC DATA**

**VT ROUTE 108**

2012 AADT= 1800	2032 AADT= 1900
	2032 DHV= 240
	2032 %T= 3.2
	2032 %D= 56
2012 ADTT= 75	2032 ADTT= 130
FUNCTIONAL CLASS - MINOR ARTERIAL	
2012 - 2032 ESAL'S = 512,000	
2012 - 2052 ESAL'S = 1,244,000	
POSTED SPEED = 80 KMH	

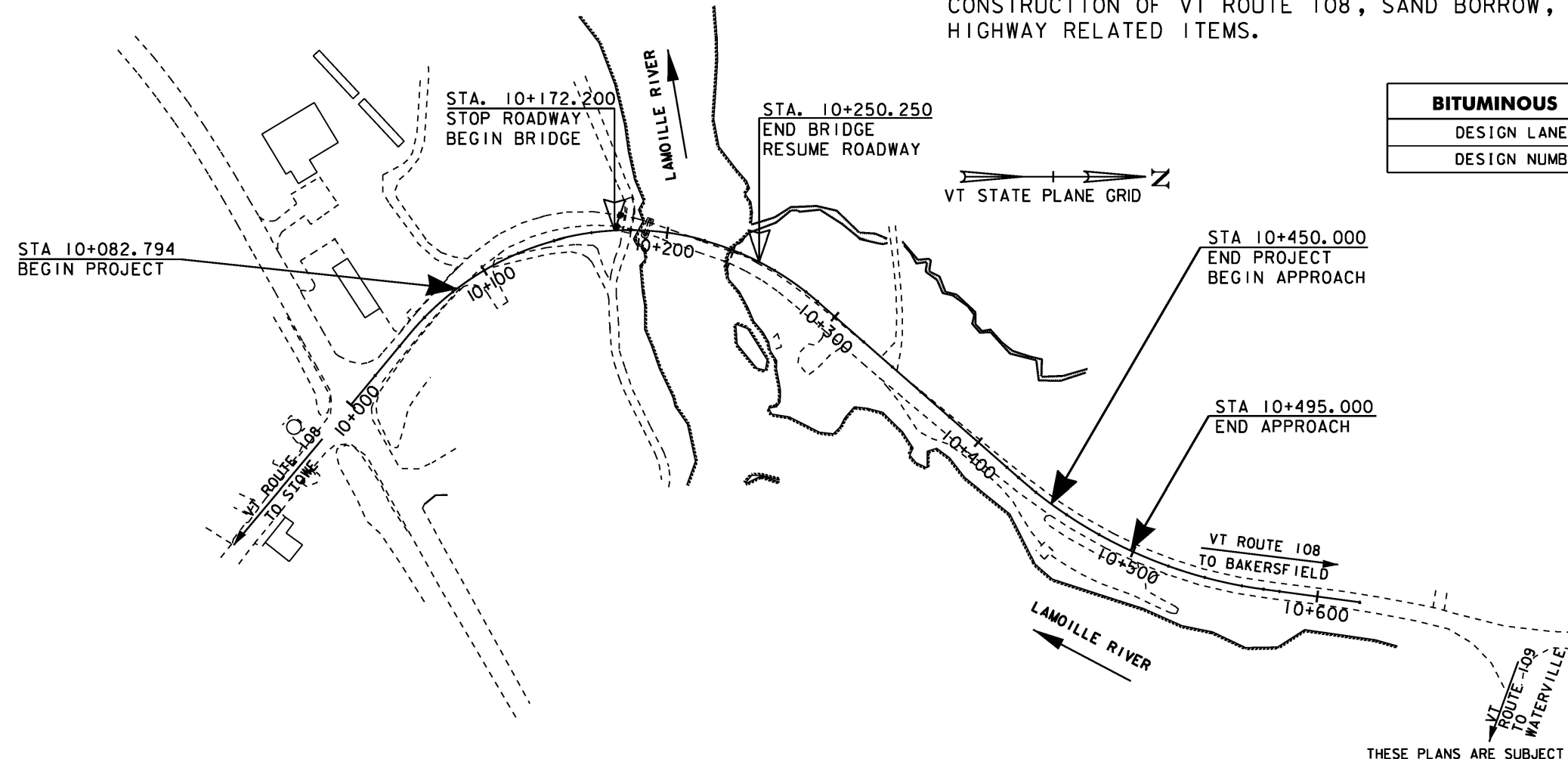
**PROJECT BR# 027-1(4)**

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 108, APPROXIMATELY 82.794 M NORTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 367.206 M.  
 LENGTH OF ROADWAY = 289.156 m  
 LENGTH OF BRIDGE = 78.040 m  
 LENGTH OF PROJECT = 367.206 m

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REMOVAL OF EXISTING BRIDGE NO. 21 AND CONSTRUCTION OF A NEW BRIDGE AND APPROACHES ON AN IMPROVED HORIZONTAL ALIGNMENT, CONSTRUCTION OF VT ROUTE 108, SAND BORROW, SUBBASE, PAVEMENT, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

**BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA**

DESIGN LANE/LIFE ESALS (20 YEARS)	512,000
DESIGN NUMBER OF GYRATIONS	65

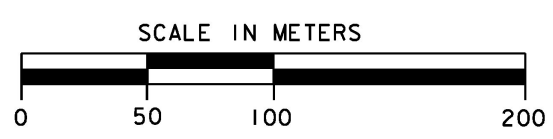


QUALITY ASSURANCE PROGRAM: LEVEL 2

**CONVENTIONAL SYMBOLS**

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	X — X — X — X —
STONE WALL	o — o — o — o — o — o —
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	SR — SR — SR —
TOP OF CUT	— — — — —
TOE OF SLOPE	— — — — —

SURVEYED BY : CLD/VTRANS  
 SURVEYED DATE : 12/1998/2010  
 DATUM  
 VERTICAL : NAVD 88  
 HORIZONTAL : NAD 83/96



**Metric**  
 UNLESS NOTED OTHERWISE  
 STATIONS ARE IN KILOMETERS  
 ELEVATIONS ARE IN METERS  
 DIMENSIONS ARE IN MILLIMETERS

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.

PROJECT MANAGER : M. EVANS-MONGEON  
 PROJECT NAME : CAMBRIDGE  
 PROJECT NUMBER : BR# 027-1 (4)  
 SHEET 125 OF 214 SHEETS

# RIGHT - OF - WAY DETAIL SHEET

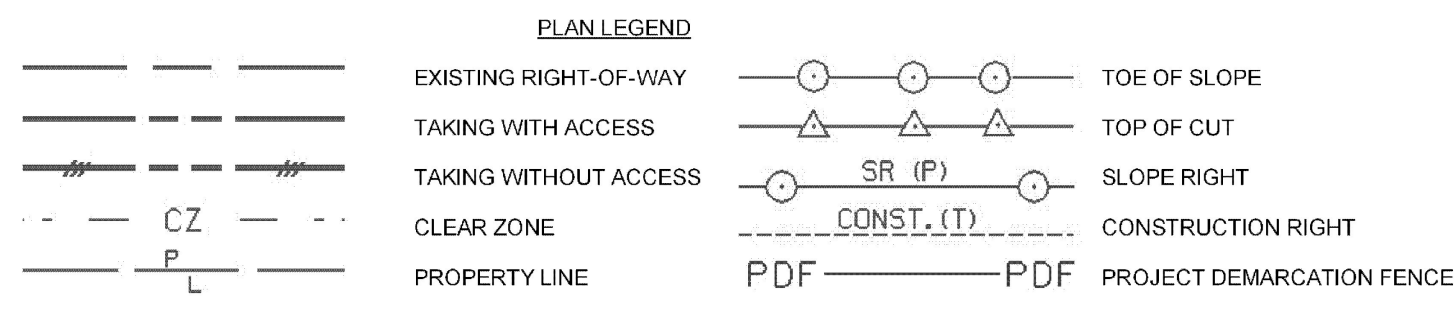


TABLE OF PROPERTY ACQUISITION

TABLE OF REVISIONS

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA				REMARKS			
							AREA ±	AREA ±	TYPE	(T)/(P)	AREA ±	TITLE	DATE		TOWN / CITY	BOOK	PAGE
1	1159 FOOTE BROOK ROAD, LLC - LESSOR G.W. TATRO CONSTRUCTION, INC - LESSEE	14, 15	10+019.20 RT	10+187.57 RT	2,566.78 SM										0.63 A ±		
			10+008.17 RT	10+100.00 RT												0.13 A ±	
			10+008.73 RT	10+160.00 RT					UTILITY (P)	519.14 SM							3,660 SF±; INCL. PDF, BF & EC
			10+075.43 RT	10+164.00 RT					CONST. (T)	340 SM							FENCE LINE & GATE
			10+160.00 RT	10+186.70 RT					REMOVE & RESET (T)								4,682 SF± REC PATH, BF, CHAIN LINK FENCE & PLANT GROUND COVER
			10+100.00 RT											7M PAVED, 22.96' DRIVE			
2	STATE OF VERMONT AGENCY OF NATURAL RESOURCES DEPARTMENT OF FISH AND WILDLIFE	15, 16	10+235.00 RT	10+344.06 RT											0.26 A ±		
			10+235.00 RT	10+280.00 RT				UTILITY (P)	1057.65 SM	EO	7/2/2010	CAMBRIDGE	362	420-422	0.04 A ±		
			10+259.55 RT	10+344.06 RT				SLOPE (P)	166.58 SM							1,634 SF ±	
			10+260.00 RT	10+344.06 RT				INSTALL (T)	78.72 SM							BARRIER FENCE	
			10+300.57 RT	10+344.06 RT				CONST. (T)	151.82 SM							847 SF ± INCL. EROSION CONTROL	
			10+310.00 RT	10+323.50 RT				INSTALL (T)	13.87 SM							SIDEWALK 148 SF ±	
			10+343.42 RT	10+314.00 RT				INSTALL & MAINT (P)								GUY WIRE & ANCHOR	
10+308.00 RT	10+314.00 RT				INSTALL & MAINT (P)								GUARDRAIL				
10+300.00 RT					REMOVE & RESET (T)								FISH & WILDLIFE SIGN				
10+313.00 RT					REMOVE (T)								PICNIC SIGN				
3	CLARKE, PAUL	16, 17	10+400.00 LT	10+449.89 LT	195.99 SM										2.109 SF ±		
			10+400.00 LT	10+436.09 LT					WD	2/18/2010	CAMBRIDGE	360	68-69				
			10+400.00 LT	10+495.00 LT					CONST. (T)	49.50 SM						533 SF±; INCL. PDF & EROSION CONTROL	
			10+449.89 LT	10+492.57 LT					REMOVE (T)							FENCE	
														493 SF±; INCL. PDF & EROSION CONTROL			
4	POWELL, JERRY D. & DONNA M.	16	10+346.60 LT	10+400.00 LT	310.63 SM										0.08 ACRE		
			10+344.27 LT	10+400.00 LT					WD	10/18/2011	CAMBRIDGE	372	237				
			10+345.00 LT	10+394.18 LT					CONST. (T)	166.61 SM						1,793 SF±; INCL. BF, PDF & EC	
														1,347 SF ±			
5	PAYNTER, ROBERT J. & MARIE B.	15, 16	10+234.91 LT	10+348.17 LT	545.30 SM										0.13 A ±		
			10+236.73 LT	10+345.10 LT					WD	4/14/2010	CAMBRIDGE	361	35-38				
									CONST. (T)	377.02 SM							INCL. PDF & EROSION CONTROL;
			10+236.73 LT	10+340.00 LT					DETOUR (T)	0.16 HA							0.09 A ±
			10+236.73 LT	10+346.80 LT					SLOPE (P)	822.06 SM							0.40 A ±
			10+256.92 LT	10+329.27 LT					UTILITY (P)	1030.00 SM							0.2 A ±
			10+325.00 LT						ACCESS (T)								0.25 A ±
10+338.00 LT					DRIVE (T)								INGRESS & EGRESS DETOUR 3.6M (11.8) GRAVEL MM 0921				
6	LITTLE GRAY RABBIT LLC - LESSOR K-2 CONSTRUCTION, INC. - LESSEE	14, 15	10+080.77 LT	10+168.06 LT											4,030 SF ± INCL. BF, PDF & EC		
			10+080.77 LT	10+187.10 LT					GTR	3/20/2012	CAMBRIDGE	383	152-155				
			10+168.06 LT	10+187.07 LT					CONST. (T)	374.41 SM						0.70 A ±	
														RECREATIONAL PATH; BF, CHAIN LINK FENCE & HANDRAIL 4,747 SF±			
			10+080.00 LT	10+085.00 LT											5 WOODEN BOLLARDS		
7	CENTRAL VERMONT PUBLIC SERVICE CORPORATION		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENT WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
8	TELEPHONE OPERATING COMPANY OF VERMONT LLC		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENTS WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
9	VILLAGE OF JEFFERSONVILLE WATER & SEWER DEPARTMENT		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENTS WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
10	JEFFERSONVILLE CABLE T.V. CORPORATION		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENTS WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		

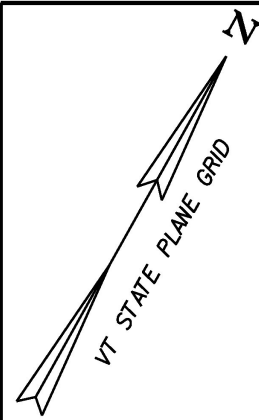
REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	23, 26	PARCEL NO. 3 CLARKE - CORRECTED REMOVE (P) TO REMOVE (T) FOR BARBED WIRE FENCE AND CHANGED ENDING STATION FROM 10+540.00 LT TO 10+495 LT PER C.O. 9554 COMPLETED BY: MT APPROVED BY: HP	02/06/2009
2	23, 26	PARCEL NO. 4 POWELL - REMOVED BARBED WIRE FENCE AND REMOVE (P) PER C.O. 9555 COMPLETED BY: MT APPROVED BY: HP	02/06/2009
		AS OF THIS DATE, THIS PROJECT HAS NOT BEEN GRANTED NECESSITY.	02/10/2009
3	23	PARCEL NO. 1 FOOTE BROOK ROAD - CORRECTED AREA OF 771.25 SM TO 340 SM, 3,660 SF± AND 501 SM TO 435 SM, 4,682 SF± PER C.O. 9571 COMPLETED BY: MT APPROVED BY: HP	10/20/2009
4		PARCEL NO. 1 FOOTE BROOK ROAD. REQUEST TO STRUCTURES TO ADD COMMERCIAL SIGN TO EXISTING TOPO IN THE FIELD. PER C.O. 9586 COMPLETED BY: STRUCTURES APPROVED BY: HP	12/29/2009
5	22, 23	PARCEL NO. 1 FOOTE BROOK ROAD. ADD LAYOUT SHEET 22 FROM THE STP PORTION OF THIS PROJECT, TO THE LIST OF DESIGN SHEETS THAT AFFECT THIS PARCEL. ADD SHEET 22 TO THE PROPERTY OWNER PLAT. ADD REMOVE (T) FOR SIGN AT STA. VT. RTE. 15 20+221.47 LT PER C.O. 9591 COMPLETED BY: MR APPROVED BY: HP	12/29/2009
6	23, 26	PARCEL NO. 2 AGENCY OF NATURAL RESOURCES. ADD REMOVE & RESET (T) FOR FISH & WILDLIFE SIGN AT STA. 10+300.00 RT ADD REMOVE (T) FOR PICNIC SIGN AT STA. 10+313.00 RT PER C.O. 9604 COMPLETED BY: MR APPROVED BY: HP	02/23/2010
7	1, 25, 26 27	CHANGE ENDING STATION OF PROJECT TO 10+530.00, 26.23M; RT CHANGE LENGTH OF ROW PROJECT TO 521.83 M CHANGE RUNNING DISTANCES AS SHOWN ON PLANS. PER C.O. 9603 COMPLETED BY: MR APPROVED BY: HP	02/23/2010
NOTE: DESIGN CHANGED TO A ROTARY AT INTERSECTION WITH VT ROUTE 15 AND 108 IN 2010			
8	16	PARCEL NO. 3 CLARK - NOW TO READ STATE OF VERMONT F/N CLARKE, PAUL. COMPLETED BY: MT C.O. 9711 APPROVED BY: HP	03/31/2011
9	15, 16	PARCEL NO. 5 PAYNTER - NOW TO READ STATE OF VERMONT F/N PAYNTER, ROBERT J. & MARIE B. COMPLETED BY: MT C.O. 9712 APPROVED BY: HP	03/31/2011



- BF - BARRIER FENCE
- EC - EROSION CONTROL
- (P) - PERMANENT
- (T) - TEMPORARY
- DR. - DRAINAGE RIGHT
- DIT. - DITCHING RIGHT
- CH. - CHANNEL RIGHT
- DRIVE - DRIVE RIGHT
- CUL. - CULVERT RIGHT
- C&T - CLEARING & TRIMMING RIGHT
- SR - SLOPE RIGHT
- UE - UTILITY EASEMENT

APPROVED: HARRY PETROYS DATE: 11-19-08  
CHIEF, PLANS & TITLES

PROJECT NAME: **CAMBRIDGE**  
 PROJECT NUMBER: **BRF 027-1(4)**  
 FILE NAME: r78f163BRFdetail.xls PLOT DATE: 4/30/2012  
 PROJECT LEADER: J. SHULTZ DRAWN BY: M. TROTTIER  
 DESIGNED BY: TUS/SRB CHECKED BY: R. FERLAZO  
 R.O.W. DETAIL SHEET SHEET **183** OF **214**



**VT ROUTE 108 STA. 10+082.794  
END ROADWAY PROJECT  
STP 030-2(27)  
BEGIN BRIDGE PROJECT  
BRF 027-1(4)**

CONSTRUCT DRIVE  
 STA. 10+055.294, LT. (8m PAVED)  
 STA. 20+073.010, LT. (10m PAVED)  
 STA. 20+187.354, LT. (12m PAVED)

620.50-REMOVING AND RESETTING FENCE  
 STA. 10+072.000 - STA. 10+082.794, RT.



...EXISTING ELEVATION OF SEWER MANHOLES  
 STA. 9+973.180, RT.

CURVE #4 POINTS			
STATION	NORTHING	EASTING	
PC 10+048.169	238694.7594	473822.9178	
PI 10+202.302	238793.0980	473704.2320	
PT 10+287.865	238909.0681	473805.7590	

CURVE DATA #4

R	= 150.000m
Δ	= 9°33'24.93" RT.
D	= 17°38'33.09"
L	= 239.695m
T	= 154.132m
C	= 214.995m
M	= 45.385m
E	= 65.074m
e	= 7.8 %

678.45-REMOVAL OF EXISTING  
 TRAFFIC CONTROL SIGNAL SYSTEM  
 STA. 10+000.000

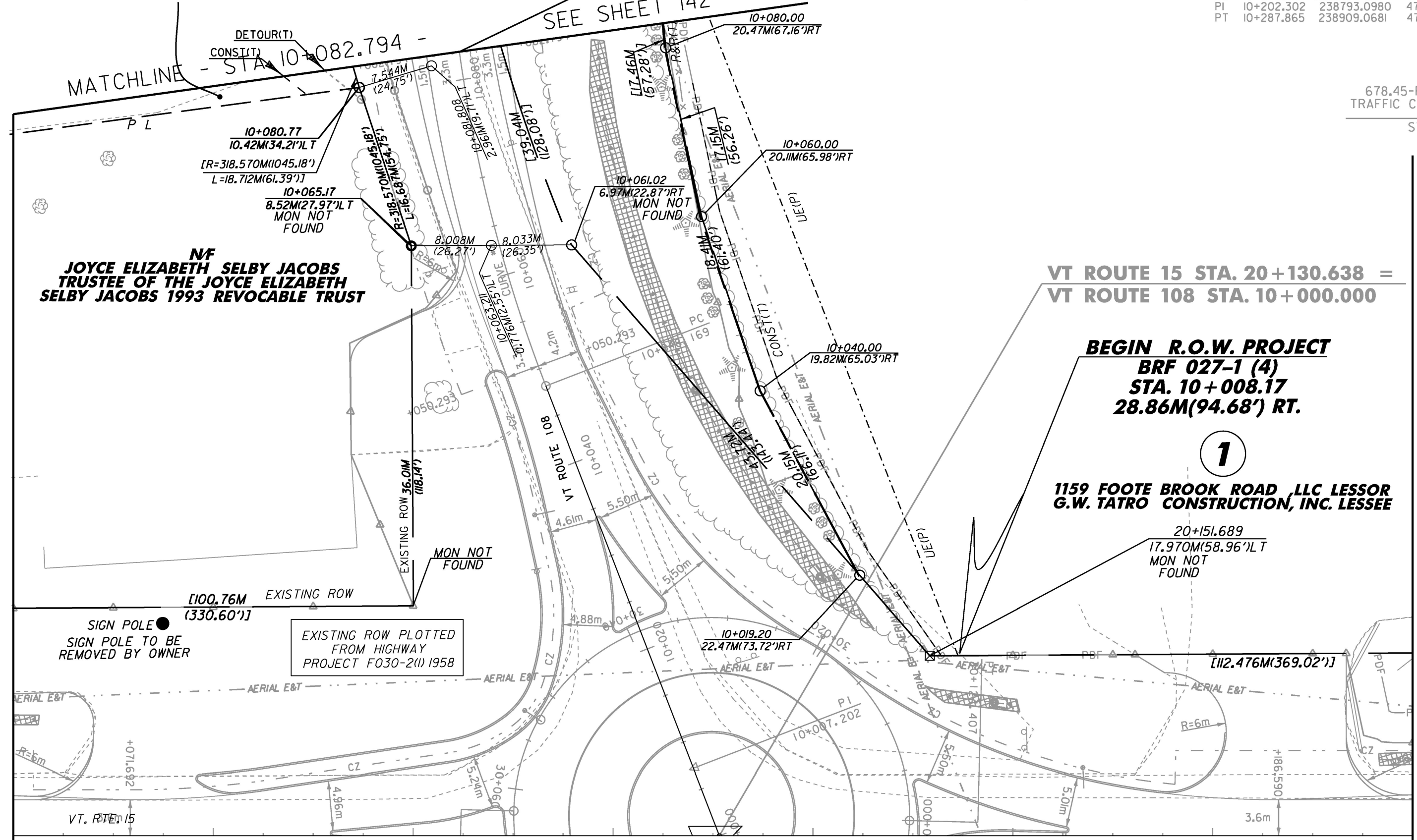
**6**  
**LITTLE GRAY RABBIT LLC - LESSOR  
 K-2 CONSTRUCTION, INC. - LESSEE**

**NF  
 JOYCE ELIZABETH SELBY JACOBS  
 TRUSTEE OF THE JOYCE ELIZABETH  
 SELBY JACOBS 1993 REVOCABLE TRUST**

**VT ROUTE 15 STA. 20+130.638 =  
 VT ROUTE 108 STA. 10+000.000**

**BEGIN R.O.W. PROJECT  
 BRF 027-1 (4)  
 STA. 10+008.17  
 28.86M(94.68') RT.**

**1**  
**1159 FOOTE BROOK ROAD, LLC LESSOR  
 G.W. TATRO CONSTRUCTION, INC. LESSEE**



**FOR R.O.W.  
 USE ONLY**

LINE 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.



**BRF LAYOUT #1**

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1(4)	DRAWN BY:	B. FERLAZO
FILE NAME:	r78f163BRFlay1.dgn	CHECKED BY:	H. PETROVS
PROJECT LEADER:	JLS	R.O.W. BRF LAYOUT SHEET 1	SHEET 184 OF 214



- [B1] EXISTING DRAINAGE  
STA 10+089.4 RT 12.0m - STA 10+186.3 RT 7.8m  
EXISTING 450 CULVERT - REMOVE
- [B2] STA 10+121.7 RT 4.8 m - STA 10+125.6 RT 0.2 m  
EXISTING 300 CULVERT - REMOVE
- [B3] NEW DRAINAGE  
STA 10+082.0 RT 13.9m - STA 10+113.4 RT 17.9m  
NEW 600mm X 28.3m RCP CL. III OR CPEP (SL)  
W/ 600mm ES AT INLET AND TYPE I STONE PAD  
AT OUTLET  
INLET INV. EL. 137.461  
OUTLET INV. EL. 137.320
- [B4] STA 10+113.4 RT 17.9m - STA 10+160.0 RT 14.4m  
CONSTRUCT GRASS LINED DITCH
- [B5] STA 10+170.1 RT 15.6m - STA 10+186.9 RT 15.0m  
NEW 600mm X 15.1m CAAP (1.52) OR LACSP (1.63)  
W/ 600mm ES AT INLET  
INLET INV. EL. 136.472  
OUTLET INV. EL. 136.018  
CONSTRUCT 7.3m TYPE I STONE LINED DITCH AT  
INLET OF PIPE

**CURVE #1 DATA**  
 PI 10+202.301 BK  
 = 10+133.732 AHD  
 Δ = 91°33'25" RT  
 R = 150.000  
 T = 154.132  
 L = 239.695  
 E = 65.074  
 BANK = 0.078

REMOVING AND RESETTING FENCE  
 STA 10+082.794 - 10+10+094 RT  
 STA 10+094 - 10+104 RT (GATE)  
 STA 10+104 - 10+164 RT

SPECIAL PROVISION  
 (REMOVABLE METAL HAND I  
 CHL 50+080 - 50+125 RT

REMOVAL OF EXISTING FENCE  
 STA 10+237 - 10+250 LT  
 CHL 50+047 - 50+127 RT

BRACING ASSEMBLY FOR CHAIN-LINK FENCE, 2.4m  
 STA 10+093 RT  
 STA 10+104 RT  
 STA 10+160 RT  
 STA 10+165 RT

STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 10+123.36 - 10+163.61 LT  
 STA 10+104.13 - 10+163.05 RT  
 STA 10+258.84 - 10+280 LT  
 STA 10+259.40 - 10+280 RT

MANUFACTURED TERMINAL SECTION, FLARED  
 STA 10+111.93 - 10+123.36 LT  
 ANCHOR FOR STEEL BEAM RAIL  
 STA 10+104.13 RT

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 10+098 - 10+175 LT  
 STA 10+161 - 10+173 LT  
 STA 10+236 - 10+268 RT  
 STA 10+236 - 10+256 RT

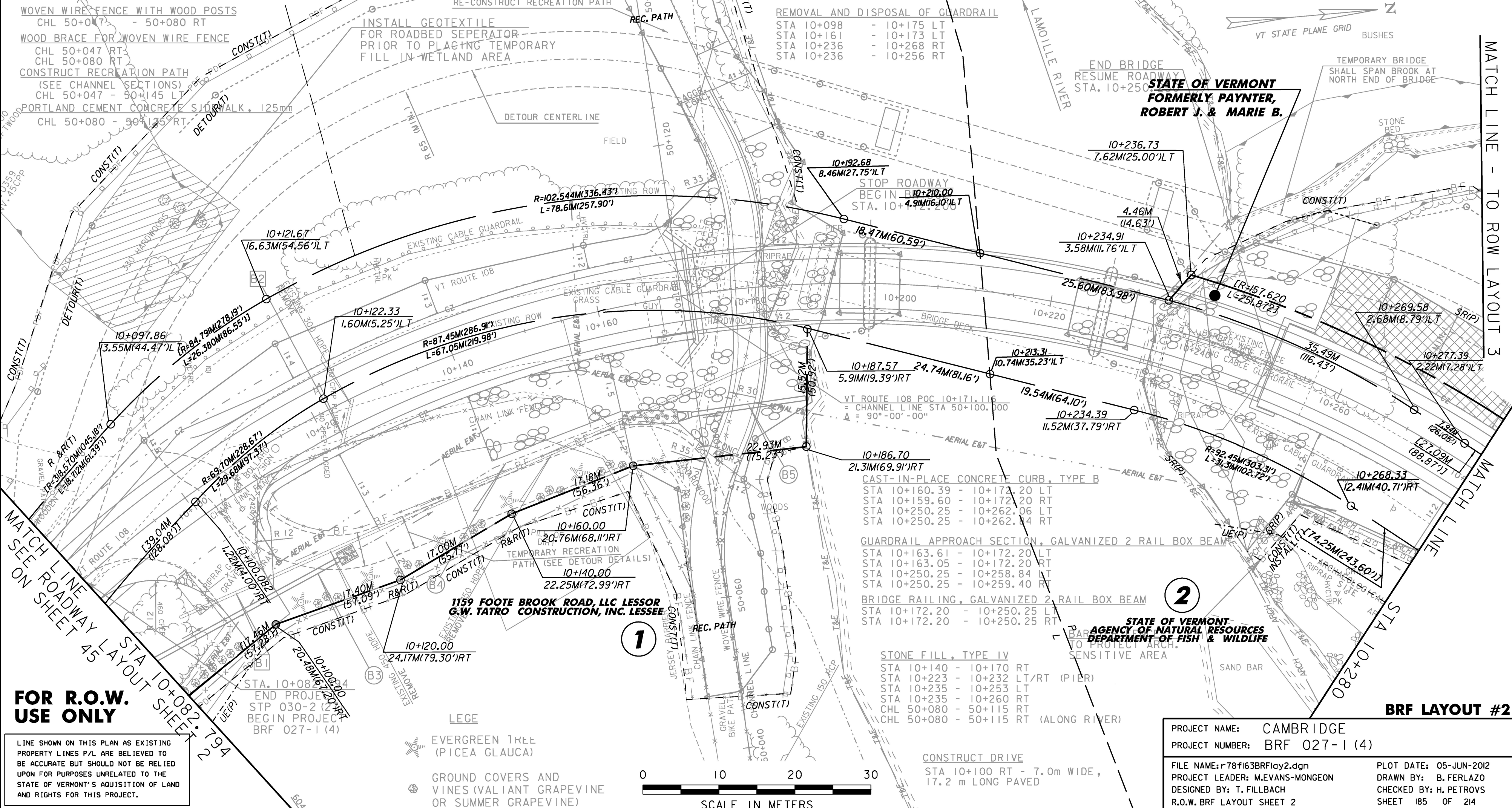
**LITTLE GRAY RABBIT LLC - LESSOR  
 K-2 CONSTRUCTION, INC. - LESSEE**

6

**STATE OF VERMONT  
 FORMERLY PAYNTER,  
 ROBERT J. & MARIE B.**

END BRIDGE  
 RESUME ROADWAY  
 STA. 10+250

TEMPORARY BRIDGE  
 SHALL SPAN BROOK AT  
 NORTH END OF BRIDGE



**FOR R.O.W.  
 USE ONLY**

LINE 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.

**LEGE**

- EVERGREEN TREE (PICEA GLAUCA)
- GROUND COVERS AND VINES (VALIANT GRAPEVINE OR SUMMER GRAPEVINE)

0 10 20 30  
 SCALE IN METERS

STONE FILL, TYPE IV  
 STA 10+140 - 10+170 RT  
 STA 10+223 - 10+232 LT/RT (PIER)  
 STA 10+235 - 10+253 LT  
 STA 10+235 - 10+260 RT  
 CHL 50+080 - 50+115 RT  
 CHL 50+080 - 50+115 RT (ALONG RIVER)

CONSTRUCT DRIVE  
 STA 10+100 RT - 7.0m WIDE,  
 17.2 m LONG PAVED

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1 (4)	DRAWN BY:	B. FERLAZO
FILE NAME:	r78f163BRFloy2.dgn	DESIGNED BY:	T. FILLBACH
PROJECT LEADER:	M.EVANS-MONGEON	CHECKED BY:	H. PETROVS
R.O.W. BRF LAYOUT SHEET 2		SHEET	185 OF 214

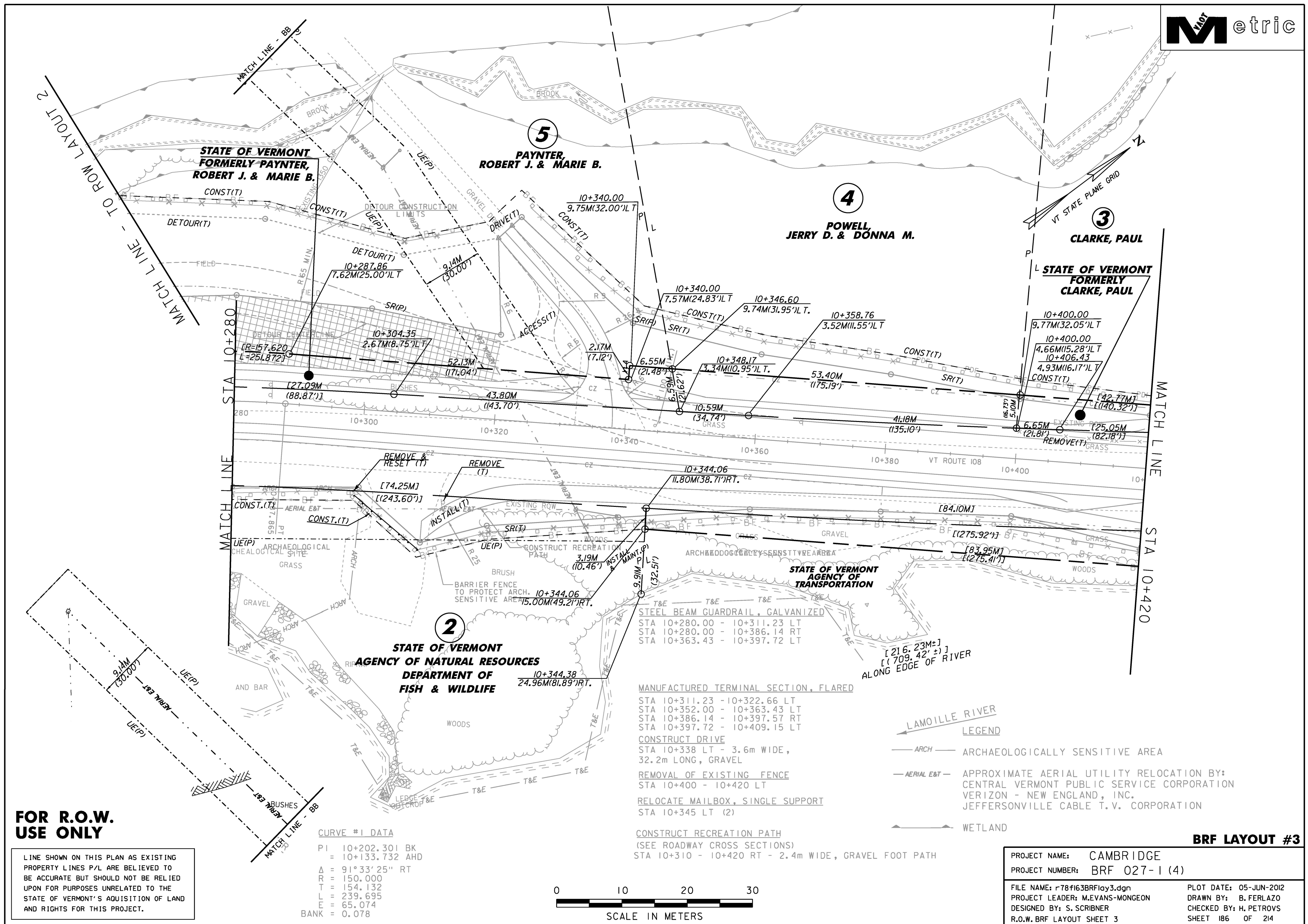
**BRF LAYOUT #2**

MATCH LINE - TO ROW LAYOUT 3

MATCH LINE SEE ON SHEET 45

STA 10+082.794

STA 10+280



**FOR R.O.W. USE ONLY**

LINE 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.

**CURVE #1 DATA**

PI	10+202.301 BK
	= 10+133.732 AHD
Δ	91° 33' 25" RT
R	150.000
T	154.132
L	239.695
E	65.074
BANK	= 0.078



- MANUFACTURED TERMINAL SECTION, FLARED  
 STA 10+311.23 - 10+322.66 LT  
 STA 10+352.00 - 10+363.43 LT  
 STA 10+386.14 - 10+397.57 RT  
 STA 10+397.72 - 10+409.15 LT
- CONSTRUCT DRIVE  
 STA 10+338 LT - 3.6m WIDE,  
 32.2m LONG, GRAVEL
- REMOVAL OF EXISTING FENCE  
 STA 10+400 - 10+420 LT
- RELOCATE MAILBOX, SINGLE SUPPORT  
 STA 10+345 LT (2)

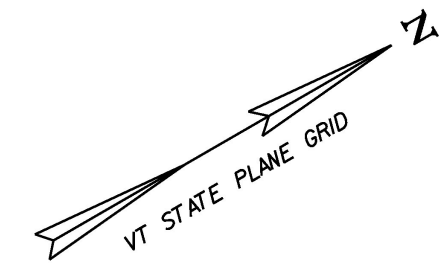
- CONSTRUCT RECREATION PATH  
 (SEE ROADWAY CROSS SECTIONS)  
 STA 10+310 - 10+420 RT - 2.4m WIDE, GRAVEL FOOT PATH

**LEGEND**

- ARCH — ARCHAEOLOGICALLY SENSITIVE AREA
- AERIAL E&T — APPROXIMATE AERIAL UTILITY RELOCATION BY:  
 CENTRAL VERMONT PUBLIC SERVICE CORPORATION  
 VERIZON - NEW ENGLAND, INC.  
 JEFFERSONVILLE CABLE T.V. CORPORATION
- WETLAND

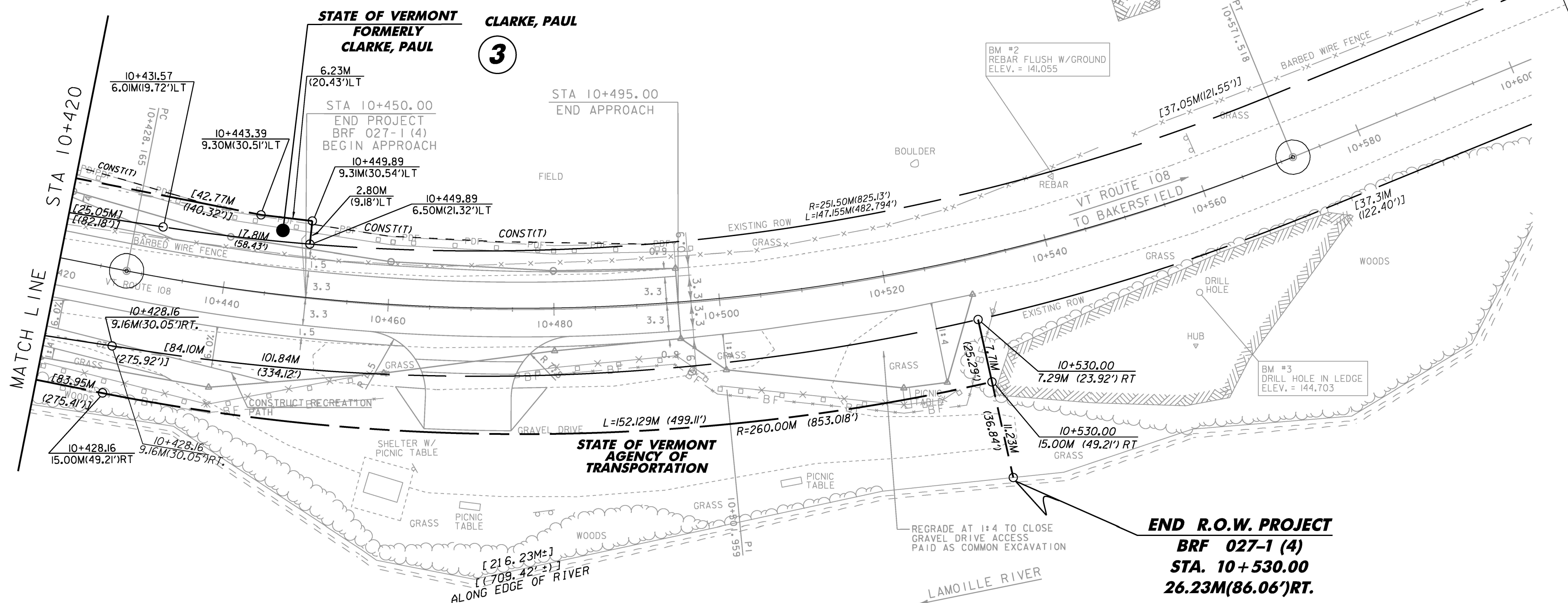
**BRF LAYOUT #3**

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1 (4)	DRAWN BY:	B. FERLAZO
FILE NAME:	F78f163BRFlay3.dgn	CHECKED BY:	H. PETROVS
PROJECT LEADER:	M. EVANS-MONGEON	R.O.W. BRF LAYOUT SHEET 3	SHEET 186 OF 214



COLD PLANING, BITUMINOUS PAVEMENT  
 STA 10+476 - 10+495 CL  
 CONSTRUCT DRIVE  
 STA 10+470 RT - 10.3m WIDE,  
 11.3 m LONG, GRAVEL  
 REMOVAL OF EXISTING FENCE  
 STA 10+420 - 10+495 LT  
 CONSTRUCT RECREATION PATH  
 (SEE ROADWAY CROSS SECTIONS)  
 STA 10+420 - 10+447 RT - 2.4m WIDE, GRAVEL FOOT PATH

**CURVE #2 DATA**  
 $\Delta = 33^{\circ}31'28''$  LT  
 $R = 245.000$   
 $T = 73.794$   
 $L = 143.353$   
 $E = 10.872$   
 BANK = 0.060



**END R.O.W. PROJECT**  
**BRF 027-1 (4)**  
**STA. 10 + 530.00**  
**26.23M(86.06')RT.**

LINE 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.

**FOR R.O.W. USE ONLY**



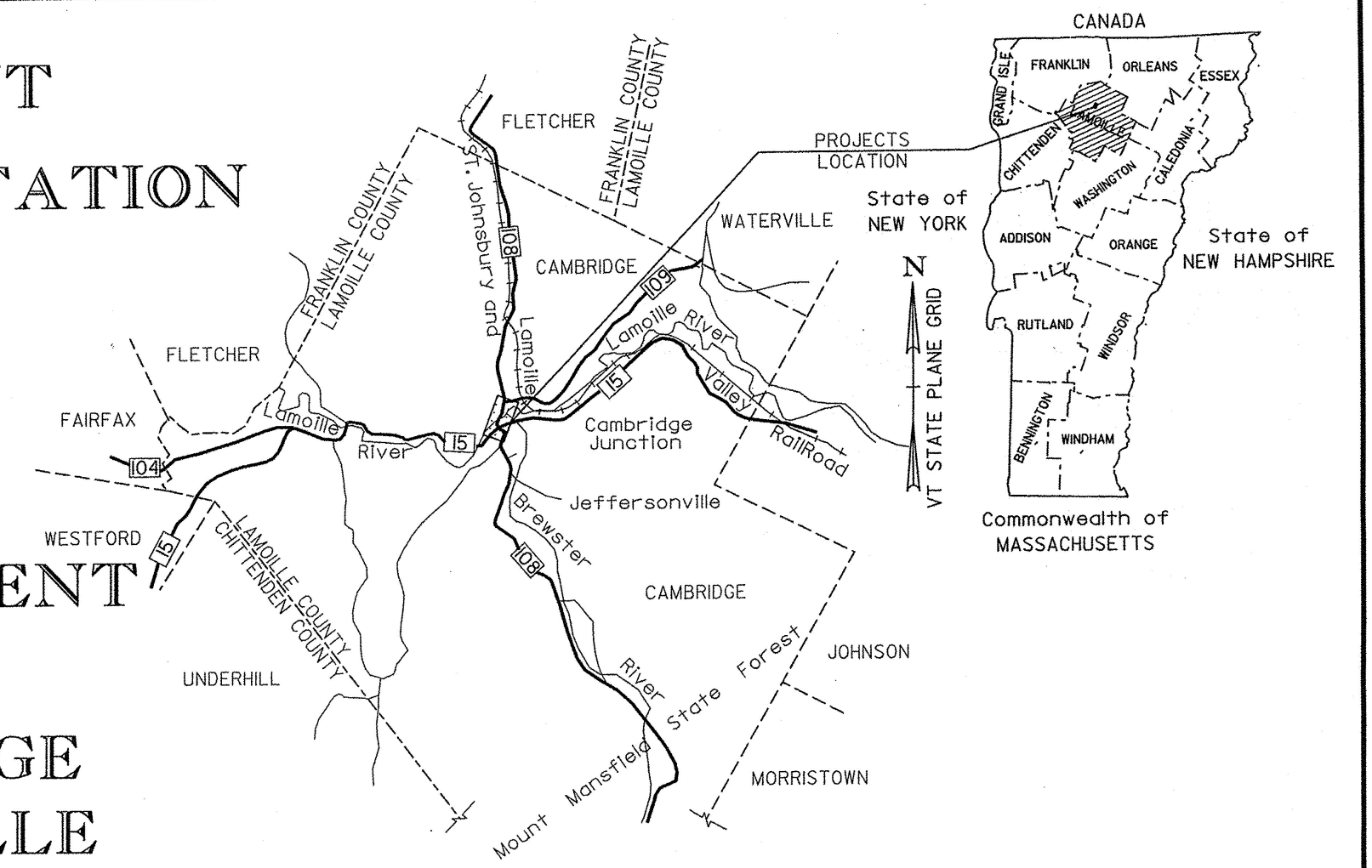
**BRF LAYOUT #4**

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1 (4)	DRAWN BY:	B. FERLAZO
FILE NAME:	r78f163BRFloy4.dgn	DESIGNED BY:	S. SCRIBNER
PROJECT LEADER:	M.EVANS-MONGEON	CHECKED BY:	H. PETROVS
R.O.W. BRF LAYOUT SHEET 4		SHEET 187	OF 214

INDEX OF SHEETS

SEE SHEET 2

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



TRAFFIC DATA			
VT ROUTE 15 (WEST)		VT ROUTE 108 (NORTH)	
2012 AADT= 6400	2032 AADT= 7000	2012 AADT= 1800	2032 AADT= 1900
	2032 DHV= 790		2032 DHV= 240
	2032 %T= 14.5		2032 %T= 3.2
	2032 %D= 59		2032 %D= 56
2012 ADTT= 660	2032 ADTT= 1100	2012 ADTT= 75	2032 ADTT= 130
FUNCTIONAL CLASS - MINOR ARTERIAL		FUNCTIONAL CLASS - MINOR ARTERIAL	
2012 - 2032 ESAL'S = 4,923,000		2012 - 2032 ESAL'S = 512,000	
2012 - 2052 ESAL'S = 11,273,000		2012 - 2052 ESAL'S = 1,244,000	
POSTED SPEED = 70 KMH		POSTED SPEED = 80 KMH	
VT ROUTE 15 (EAST)		VT ROUTE 108 (SOUTH)	
2012 AADT= 6100	2032 AADT= 6700	2012 AADT= 2400	2032 AADT= 2600
	2032 DHV= 760		2032 DHV= 290
	2032 %T= 12.1		2032 %T= 12.2
	2032 %D= 56		2032 %D= 65
2012 ADTT= 570	2032 ADTT= 960	2012 ADTT= 190	2032 ADTT= 330
FUNCTIONAL CLASS - MINOR ARTERIAL		FUNCTIONAL CLASS - MAJOR COLLECTOR	
2012 - 2032 ESAL'S = 4,694,000		2012 - 2032 ESAL'S = 1,161,000	
2012 - 2052 ESAL'S = 10,747,000		2012 - 2052 ESAL'S = 2,697,000	
POSTED SPEED = 70 KMH		POSTED SPEED = 70 KMH	

PROPOSED IMPROVEMENT

TOWN OF CAMBRIDGE  
COUNTY OF LAMOILLE

VT ROUTE 15 AND VT ROUTE 108, BRIDGE #21  
MINOR ARTERIAL, MAJOR COLLECTOR

PROJECT STP 030-2(27)

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 15, APPROXIMATELY 128.456 M WEST OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION, AND EXTENDING EASTERLY FOR A DISTANCE OF APPROXIMATELY 259.520 M; THEN BEGINNING AT A POINT ON VT ROUTE 108, APPROXIMATELY 89.095 M SOUTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION, AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 171.889 M, WHICH IS THE BEGINNING OF PROJECT BRF 027-1(4).

LENGTH OF ROADWAY (VT ROUTE 15) = 259.520 m  
LENGTH OF ROADWAY (VT ROUTE 108) = 171.889 m  
LENGTH OF PROJECT = 431.409 m

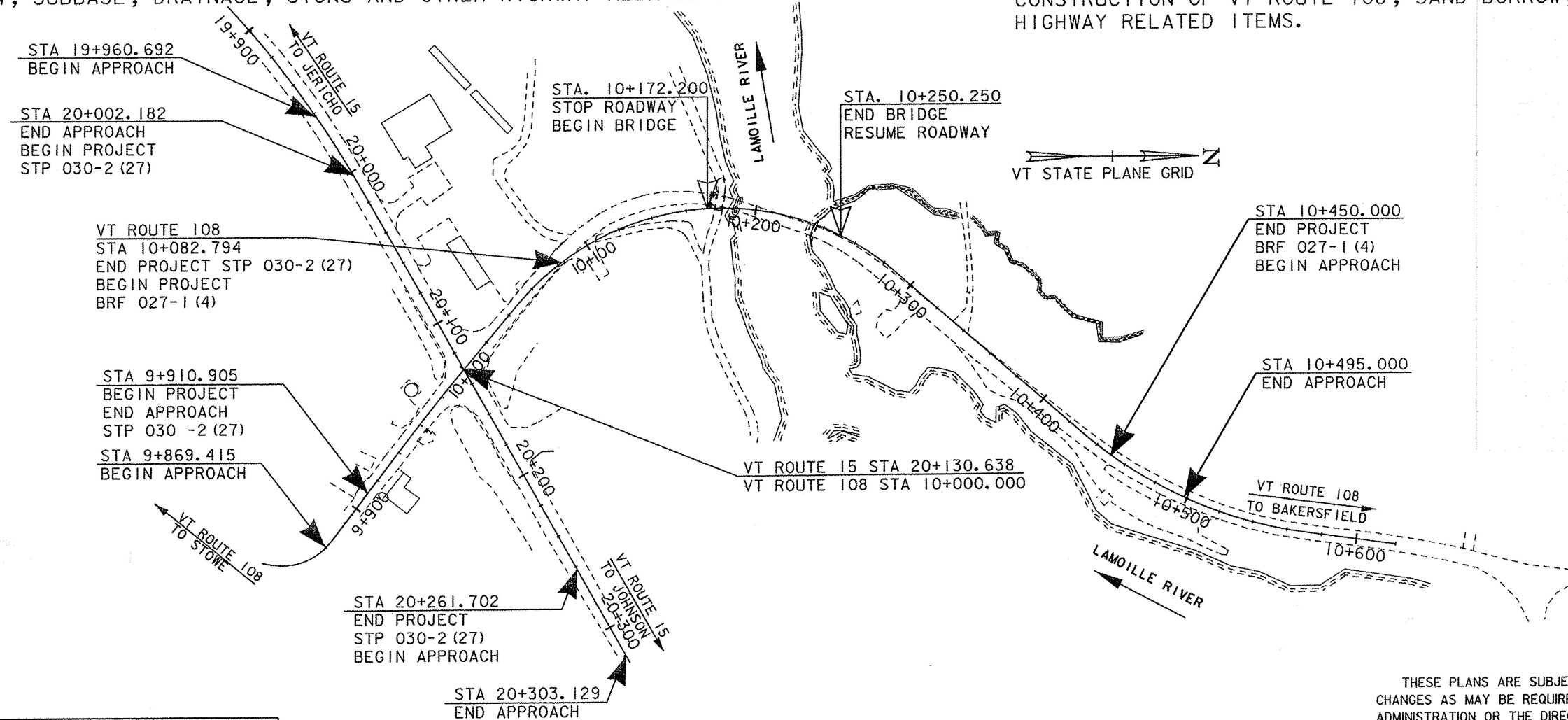
WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS OF CONSTRUCTION OF A ROUNDABOUT AT THE INTERSECTION OF VT ROUTE 15 AND VT ROUTE 108, SAND BORROW, SUBBASE, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

PROJECT BRF 027-1(4)

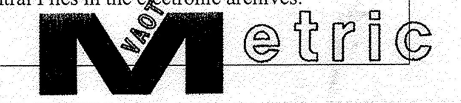
BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 108, APPROXIMATELY 82.794 M NORTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 367.206 M.

LENGTH OF ROADWAY = 289.156 m  
LENGTH OF BRIDGE = 78.050 m  
LENGTH OF PROJECT = 367.206 m

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REMOVAL OF EXISTING BRIDGE NO. 21 AND CONSTRUCTION OF A NEW BRIDGE AND APPROACHES ON AN IMPROVED HORIZONTAL ALIGNMENT, CONSTRUCTION OF VT ROUTE 108, SAND BORROW, SUBBASE, PAVEMENT, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.



RECORD PLANS	
CONTRACTOR:	A.L. ST. ONGE CONTRACTOR, INC. - MONTGOMERY, VT
RESIDENT ENGINEER:	GREG WILCOX
CONSTRUCTION BEGAN:	SEPTEMBER 14, 2012
CONSTRUCTION COMPLETE:	JUNE 12, 2014
RECORD PLANS BY:	GREG WILCOX & KEVIN KING
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	RESIDENT ENGINEER
DATE:	6/10/16
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.	



UNLESS NOTED OTHERWISE  
STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

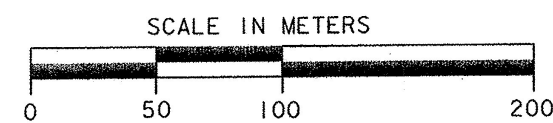
QUALITY ASSURANCE PROGRAM: LEVEL 2

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	

SURVEYED BY : CLD/VTRANS  
SURVEYED DATE : 12/1998/2010

DATUM  
VERTICAL NAVD 88  
HORIZONTAL NAD 83/96



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.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED:	DATE: 6-5-16
PROJECT MANAGER: J. SCHULTZ	
PROJECT NAME: CAMBRIDGE	
PROJECT NUMBER: STP 030 -2 (27) / BRF 027-1 (4)	
SHEET 1 OF 214 SHEETS	

# RIGHT - OF - WAY DETAIL SHEET



TABLE OF PROPERTY ACQUISITION

TABLE OF REVISIONS

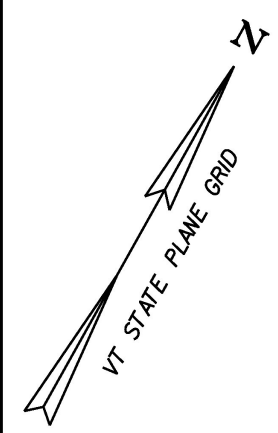
PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA				REMARKS		
							AREA ±	AREA ±	TYPE	(T)/(P)	AREA ±	TITLE	DATE		TOWN / CITY	BOOK
1	NOT USED															
2	JOYCE ELIZABETH SELBY JACOBS TRUSTEE OF THE JOYCE ELIZABETH SELBY JACOBS 1993 REVOCABLE TRUST	26, 27	VT 108 10+074.38 LT VT 108 10+032.30 LT VT 108 10+079.71 LT	VT 108 10+080.77 LT VT 108 10+059.00 LT VT 108 10+080.71 LT			CONST. DRIVE DETOUR	(T) (T) (T)	17.26 SM 125 SM 0.86 SM	GTR	2/29/2012	CAMBRIDGE	382	348-349	INCL. PDF & EROSION CONTROL 186 SF± 8.0 M PAVED (26.2') MM 0910, 1,345 SF± INCL. PARKING AREA 10 SF±	
3	JOLLEY ASSOCIATES	26, 27, 29	VT 15 20+121.25 RT VT 15 20+124.99 RT VT 15 20+116.56 RT VT 15 20+137.52 RT VT 108 9+940.00 LT	VT 15 20+137.22 RT VT 15 20+135.38 RT VT 15 20+143.02 RT VT 15 20+140.00 RT VT 108 9+955.00 LT			SLOPE HWY CONST. DITCH SLOPE	(T) (P) (T) (P) (T)	13.11 SM 34.28 SM 140.87 SM 17.80 SM 19.0 SM	WD	3/22/2012	CAMBRIDGE	383	168-170	141 SF± INCL. EC 369 SF± 1,516 SF± INCL. PDF 192 SF± 205 SF±	
4	CENTRAL VERMONT PUBLIC SERVICE CORPORATION															UTILITY
5	TELEPHONE OPERATING COMPANY OF VERMONT LLC															UTILITY
6	VILLAGE OF JEFFERSONVILLE WATER & SEWER DEPARTMENT															UTILITY
7	JEFFERSONVILLE CABLE T.V. CORPORATION															UTILITY
8	UNION BANK - LESSOR ELLIOTT, RONALD ELLIOTT, JEREMY d/b/a SMUGGLERS' NOTCH DISTILLERY, LLC - LESSEE	28, 29	VT 108 9+943.59 RT VT 108 9+940.00 RT	VT 15 20+160.59 RT			DRIVE CONST	(T) (T)	126.70 SM	GTR	3/23/2012	CAMBRIDGE	383	172	8 M PAVED MM 0.03 A± INCL. PDF & EC, REMOVAL OF EXISTING DRIVES.	

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	20	PARCEL NO. 2 JACOBS - CHANGED MM FROM 0905 TO 0910 PER CHANGE ORDER 9548 COMPLETED BY: MT APPROVED BY: HP	12/30/2008
2	20, 21	PARCEL NO. 1 LITTLE GRAY RABBIT - ADDED 'REMOVE (T) SIGN' AT 20+020 LT SIGN IS IN EXISTING R.O.W. PER CHANGE ORDER 9552 COMPLETED BY: MT APPROVED BY: HP	02/10/2009
3	20, 22	PARCEL NO. 3B BELL-GATES LUMBER CORPORATION - REMOVE INSTALL (P), GUY WIRE & ANCHOR. NOT NEEDED (EXISTING). PER CHANGE ORDER 9553 COMPLETED BY: MT APPROVED BY: HP	02/10/2009
4	21	AS OF THIS DATE, THIS PROJECT HAS NOT BEEN GRANTED NECESSITY.	02/10/2009
4	21	PARCEL NO. 1 LITTLE GRAY RABBIT - CHANGED CONST. (T) BEGINNING STATION FROM 20+021.84 LT TO 20+032.97 LT; CHANGED AREA FROM 144.08 SM TO 24 SM; ELIMINATED CULVERT (P) AND DRIVE (T). PER CHANGE ORDER 9560 COMPLETED BY: MT APPROVED BY: HP	06/30/2009
5	21, 22	PARCEL NO. 2 JOYCE ELIZABETH SELBY JACOBS, TRUSTEE OF THE JOYCE ELIZABETH SELBY JACOBS 1993 REVOCABLE TRUST - ELIMINATE DRIVE (T) BEGINNING STATION 20+046.00 LT; ELIMINATE REMOVE & RESET (T) SIGN POLE; ELIMINATE CULV., DITCH & DRAIN (P). CHANGED CONST. (T) TO BEGINNING STATION 20+044.72 LT AND ENDING STATION TO 20+051.31 LT PER CHANGE ORDER 9561 COMPLETED BY: MT APPROVED BY: HP	07/01/2009
6	21, 22	PARCEL NO. 3A BELL-GATES LUMBER CORPORATION - SOLD PART OF PROPERTY TO UNION BANK. PARCEL NO. CHANGED TO PARCEL 3. ALL RIGHTS REMAIN THE SAME. PER CHANGE ORDER 9562 COMPLETED BY: MT APPROVED BY: HP	07/01/2009
7	22	PARCEL NO. 3B BELL-GATES LUMBER CORPORATION - SOLD TO UNION BANK. NOW BECOMES PARCEL NO. 8. ALL RIGHTS REMAIN THE SAME, TRANSFERRED TO PARCEL 8 PER CHANGE ORDER 9563 COMPLETED BY: MT APPROVED BY: HP	07/01/2009
NOTE: DESIGN CHANGED TO A ROTARY AT INTERSECTION OF VT ROUTE 15 AND 108 IN 2010			
8	27	DESIGN CHANGED FROM INTERSECTION TO ROTARY WITH VT ROUTE 15 & 108 IN 2010. COMPLETED BY: MT C.O. 9709 APPROVED BY: HP	03/31/2011
9	25, 26	PARCEL 1 LITTLE GRAY RABBIT - DESIGN CHANGE, DRIVE WORK NOW ENTIRELY IN R.O.W., GETTING SEPARATE DRIVE. NO RIGHTS NEEDED. LITTLE GRAY RABBIT REMOVED FROM PROJECT. PARCEL NOT USED. COMPLETED BY: MT C.O. 9710 APPROVED BY: HP	03/31/2011
10	25, 26, 27, 29	PARCEL 3 BELL-GATES LUMBER - NAME CHANGED TO API PROPERTIES 496, LLC COMPLETED BY: MT C.O. 9713 APPROVED BY: HP	04/29/2011
11	25, 26, 27, 29	PARCEL 3 API PROPERTIES - PROPERTY SOLD, CHANGE NAME TO JOLLEY ASSOCIATES. COMPLETED BY: MT C.O. 9723 APPROVED BY: HP	06/01/2011
12	25	PARCEL 2 JACOBS - CORRECT RIGHT AREA FOR DRIVE (T) FROM 226 SM TO 125 SM; CORRECT REMARKS 2 433 SF± TO 1,345 SF± COMPLETED BY: MT C.O. 9741 APPROVED BY: HP	08/09/2011
13	25, 28, 29	PARCEL 8 UNION BANK - CHANGED TO UNION BANK - LESSOR, ELLIOTT, RONALD & ELLIOTT, JEREMY, d/b/a SMUGGLERS' NOTCH DISTILLERY, LLC - LESSEE COMPLETED BY: MR C.O. 9742 APPROVED BY: HP	08/18/2011

PLAN LEGEND					
	EXISTING RIGHT-OF-WAY		TOE OF SLOPE	BF	-BARRIER FENCE
	TAKING WITH ACCESS		TOP OF CUT	EC	-EROSION CONTROL
	TAKING WITHOUT ACCESS		SLOPE RIGHT	(P)	-PERMANENT
	CLEAR ZONE		CONSTRUCTION RIGHT	(T)	-TEMPORARY
	PROPERTY LINE		PROJECT DEMARCATATION FENCE	DR.	-DRAINAGE RIGHT
			SR (P)	DIT.	-DITCHING RIGHT
			CONST. (T)	CH.	-CHANNEL RIGHT
			DRIVE	DRIVE	-DRIVE RIGHT
			CUL.	CUL.	-CULVERT RIGHT
			C&T	C&T	-CLEARING & TRIMMING RIGHT
			SR	SR	-SLOPE RIGHT
			UE	UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 11-19-08  
CHIEF, PLANS & TITLES

PROJECT NAME:	CAMBRIDGE	
PROJECT NUMBER:	STP 030-2(27)	
FILE NAME:	r78f163STPdetail.xls	PLOT DATE: 4/30/2012
PROJECT LEADER:	J. SHULTZ	DRAWN BY: M. TROTTIER
DESIGNED BY:	TUS/SRB	CHECKED BY: R. FERLAZO
R.O.W. DETAIL SHEET #1		SHEET 17 OF 24



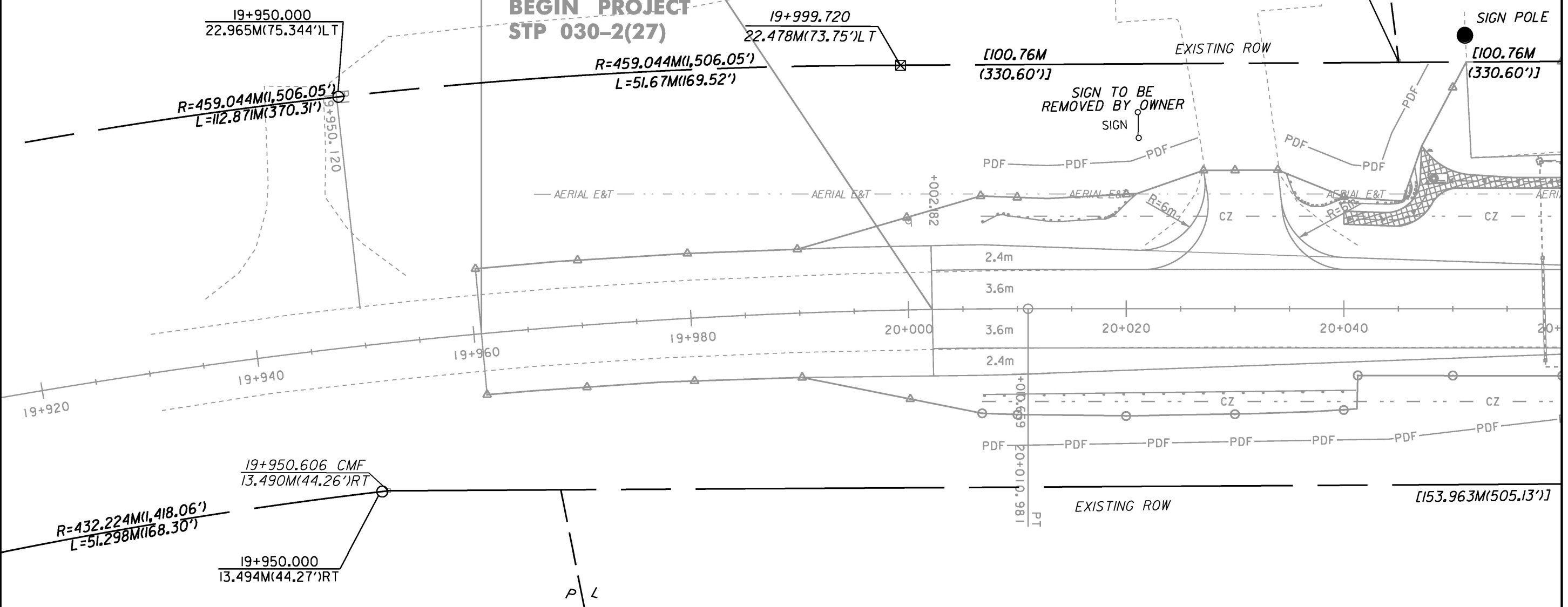
CONSTRUCT DRIVE  
STA. 20+030.517, LT. (6.82m PAVED)

**NF**  
**LITTLE GRAY RABBIT LLC - LESSOR**  
**K-2 CONSTRUCTION, INC. - LESSEE**

**JOYCE ELIZABETH SELBY**  
**JACOBS TRUSTEE OF THE**  
**JOYCE ELIZABETH SELBY JACOBS**  
**1993 REVOCABLE TRUST**

**2**

**STA. 19+960.692**  
**BEGIN APPROACH**  
**MATCH EXISTING**  
**STA. 20+002.182**  
**END APPROACH**  
**BEGIN PROJECT**  
**STP 030-2(27)**



MATCHLINE - STA. 20+060 - SEE LAYOUT PLAN 2

**NF**  
**POLHEMUS, KYLE E.**

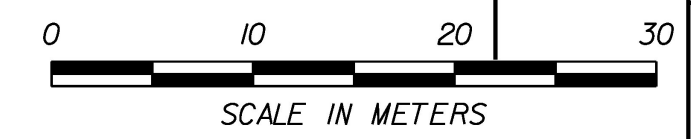
**3**

**JOLLEY ASSOCIATES**

CMF = CONCRETE MONUMENT FOUND

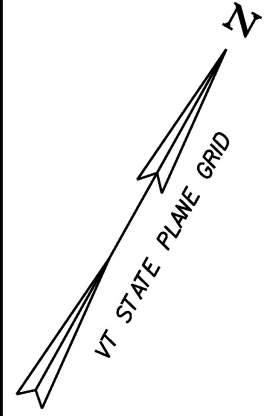
LINE SHOWN ON THIS PLAN AS EXISTING  
PROPERTY LINES P/L ARE BELIEVED TO  
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AND RIGHTS FOR THIS PROJECT.

**FOR R.O.W.**  
**USE ONLY**



**STP LAYOUT #1**

PROJECT NAME: CAMBRIDGE	PLOT DATE: 05-JUN-2012
PROJECT NUMBER: STP 030-2(27)	DRAWN BY: B. FERLAZO
FILE NAME: r78f163STPlay1.dgn	CHECKED BY: H. PETROVS
PROJECT LEADER: JLS	SHEET 78 OF 214
DESIGNED BY: MBL	
ROW STP LAYOUT SHEET 1	



**VT ROUTE 108 STA. 10+082.794  
END ROADWAY PROJECT  
STP 030-2(27)  
BEGIN BRIDGE PROJECT  
BRF 027-1(4)**

CONSTRUCT DRIVE  
 STA. 10+055.294, LT. (8m PAVED)  
 STA. 20+073.010, LT. (10m PAVED)  
 STA. 20+187.354, LT. (12m PAVED)

620.50-REMOVING AND RESETTING FENCE  
 STA. 10+072.000 - STA. 10+082.794, RT.



CURVE #4 POINTS

STATION	NORTHING	EASTING
PC 10+048.169	238694.7594	473822.9178
PI 10+202.302	238793.0980	473704.2320
PT 10+287.865	238909.0681	473805.7590

CURVE DATA #4

R	= 150.000m
Δ	= 97°33'24.93" RT.
D	= 1738'33.09"
L	= 239.695m
T	= 154.132m
C	= 214.995m
M	= 45.385m
E	= 65.074m
e	= 7.8 %

604.42-CHANGING ELEVATION OF SEWER MANHOLES  
 STA. 9+973.180, RT.

678.45-REMOVAL OF EXISTING  
 TRAFFIC CONTROL SIGNAL SYSTEM  
 STA. 10+000.000

MATCHLINE - STA. 20+060 - SEE LAYOUT PLAN 1

MATCHLINE - STA. 20+200 - SEE LAYOUT PLAN 3

**BEGIN R.O.W. PROJECT  
 STP 030-2 (27)  
 VT 108 STA. 10+080.83  
 15.79M(51.80')LT.  
 VT 15 STA. 20+089.31  
 79.14M(259.65')**

**2**

**JOYCE ELIZABETH SELBY  
 JACOBS TRUSTEE OF THE  
 JOYCE ELIZABETH SELBY JACOBS  
 1993 REVOCABLE TRUST**

**VT ROUTE 15 STA. 20+130.638 =  
 VT ROUTE 108 STA. 10+000.000**

**NF  
 1159 FOOTE BROOK ROAD, LLC LESSOR  
 G.W. TATRO CONSTRUCTION, INC. LESSEE**

EXISTING ROW  
 [100.76M (330.60')]

SIGN POLE  
 SIGN POLE TO BE  
 REMOVED BY OWNER

EXISTING ROW PLOTTED  
 FROM HIGHWAY  
 PROJECT F030-2(1) 1958

**3**

**JOLLEY ASSOCIATES**

**FORMERLY ST. JOHNSBURY &  
 LAMOILLE COUNTY RAILROAD**

**FOR R.O.W.  
 USE ONLY**

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 STATE OF VERMONT'S ACQUISITION OF LAND  
 AND RIGHTS FOR THIS PROJECT.

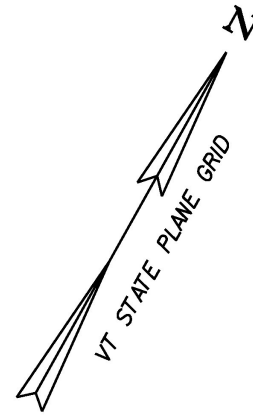


PROJECT NAME: CAMBRIDGE  
 PROJECT NUMBER: STP 030-2(27)

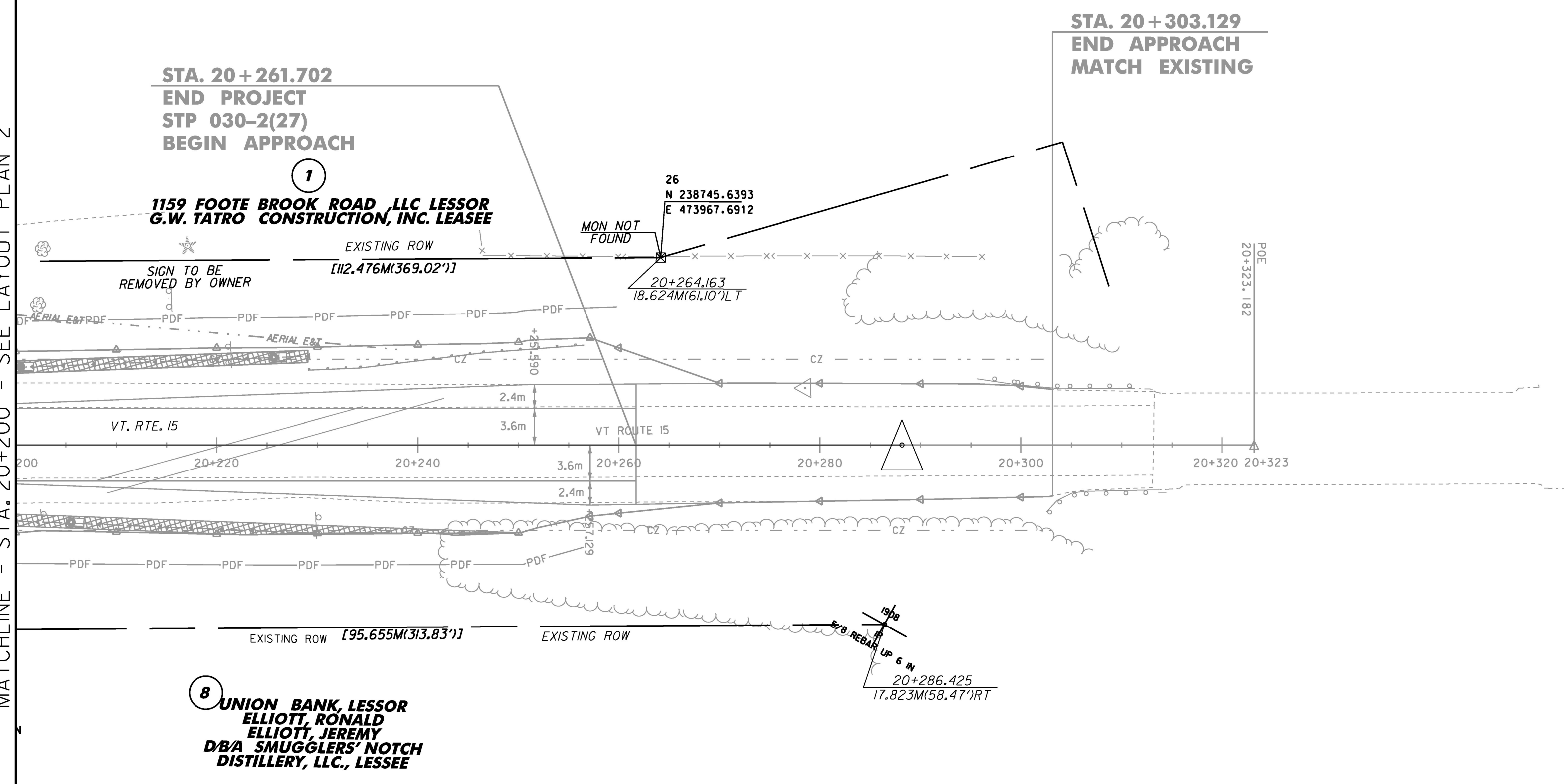
FILE NAME: r78f163STPlay2.dgn  
 PROJECT LEADER: JLS  
 DESIGNED BY: MBL  
 R.O.W. STP LAYOUT SHEET 2

**STP LAYOUT #2**

PLOT DATE: 05-JUN-2012  
 DRAWN BY: B. FERLAZO  
 CHECKED BY: H. PETROVS  
 SHEET 79 OF 214



MATCHLINE - STA. 20+200 - SEE LAYOUT PLAN 2

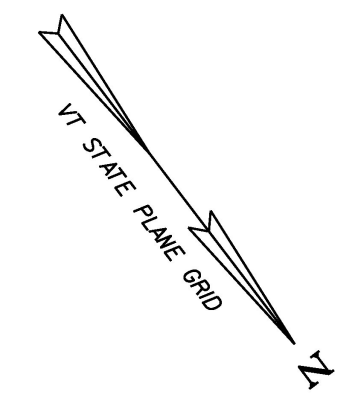


**FOR R.O.W. USE ONLY**

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<b>STP LAYOUT #3</b>	
PROJECT NAME: CAMBRIDGE	FILE NAME: r78f163STPlay3.dgn
PROJECT NUMBER: STP 030-2(27)	PLOT DATE: 05-JUN-2012
DESIGNED BY: MBL	PROJECT LEADER: JLS
R.O.W. STP LAYOUT SHEET 3	DRAWN BY: B. FERLAZO
	CHECKED BY: H. PETROVS
	SHEET 80 OF 214



CURVE #2 POINTS		
STATION	NORTHING	EASTING
PC 9+838.190	238554.3709	473970.7648
PI 9+859.588	238575.4366	473974.5237
PT 9+876.602	238588.3846	473957.4871

CURVE DATA #2	
R	= 35.000m
Δ	= 62° 52' 55.25" LT.
D	= 49' 53" 47.54"
L	= 38.412m
T	= 21.398m
C	= 36.513m
M	= 5.139m
E	= 6.023m
e	= MATCH EXISTING

900.675-SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)  
 STA. 9+934.418, LT. (6.30m GRAVEL)

CONSTRUCT DRIVE  
 STA. 9+934.418, LT. (6.30m GRAVEL)  
 STA. 9+943.594, RT. (8.0m PAVED)

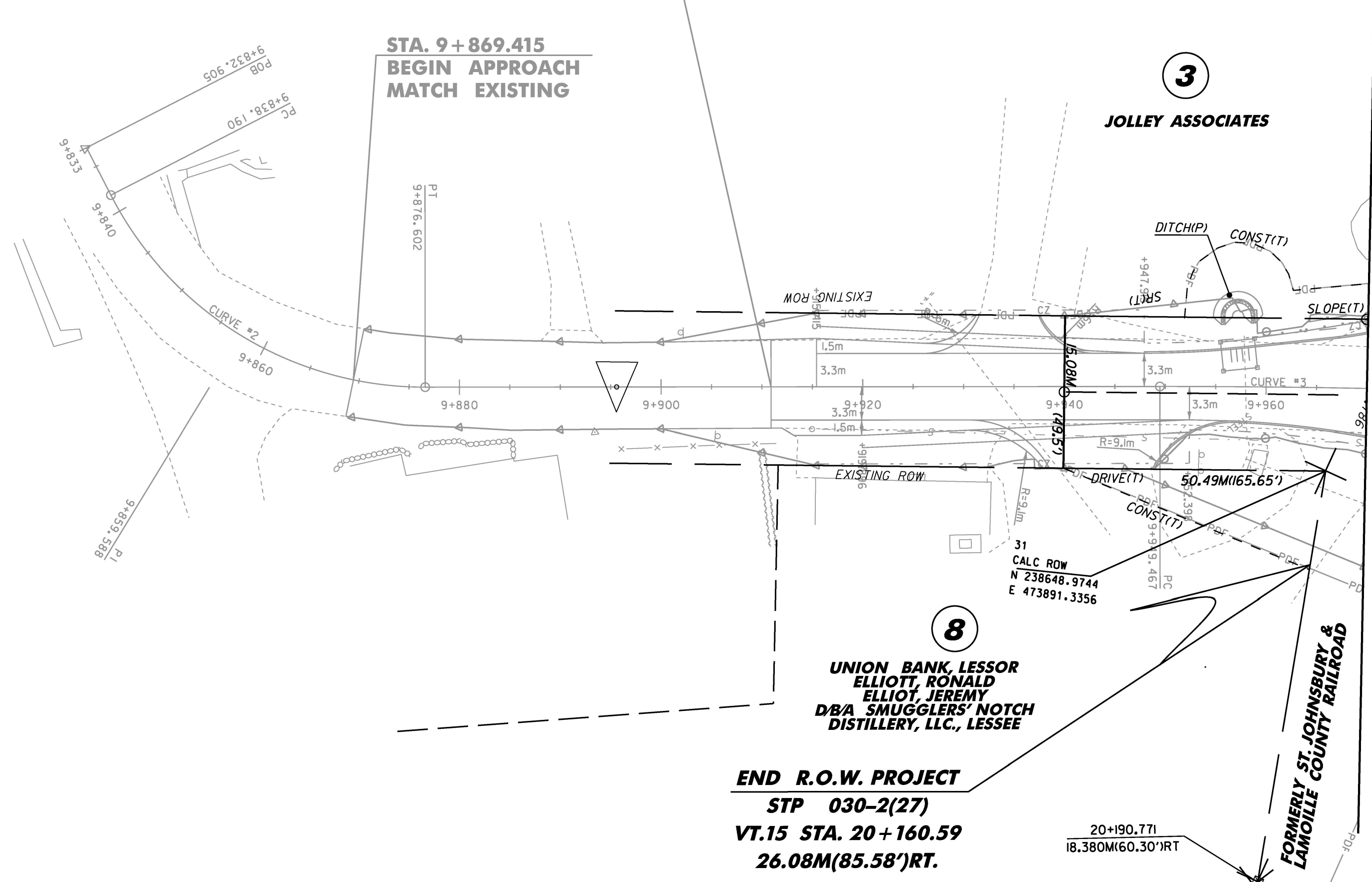
604.42-CHANGING ELEVATION OF SEWER MANHOLES  
 STA. 9+914.965, RT.  
 STA. 9+958.408, RT.

CURVE #3 POINTS		
STATION	NORTHING	EASTING
PC 9+949.467	238632.4740	473899.4754
PI 9+970.490	238645.1947	473882.7379
PT 9+991.506	238658.6076	473866.5497

CURVE DATA #3	
R	= 1000.000m
Δ	= 02° 24' 31.30" RT.
D	= 01° 44' 46.96"
L	= 42.040m
T	= 21.023m
C	= 42.037m
M	= 0.221m
E	= 0.221m
e	= NC

**STA. 9+910.905  
 END APPROACH  
 BEGIN PROJECT  
 STP 030-2(27)**

**STA. 9+869.415  
 BEGIN APPROACH  
 MATCH EXISTING**



**END R.O.W. PROJECT  
 STP 030-2(27)  
 VT.15 STA. 20+160.59  
 26.08M(85.58')RT.**

**FOR R.O.W.  
 USE ONLY**

LINE 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.



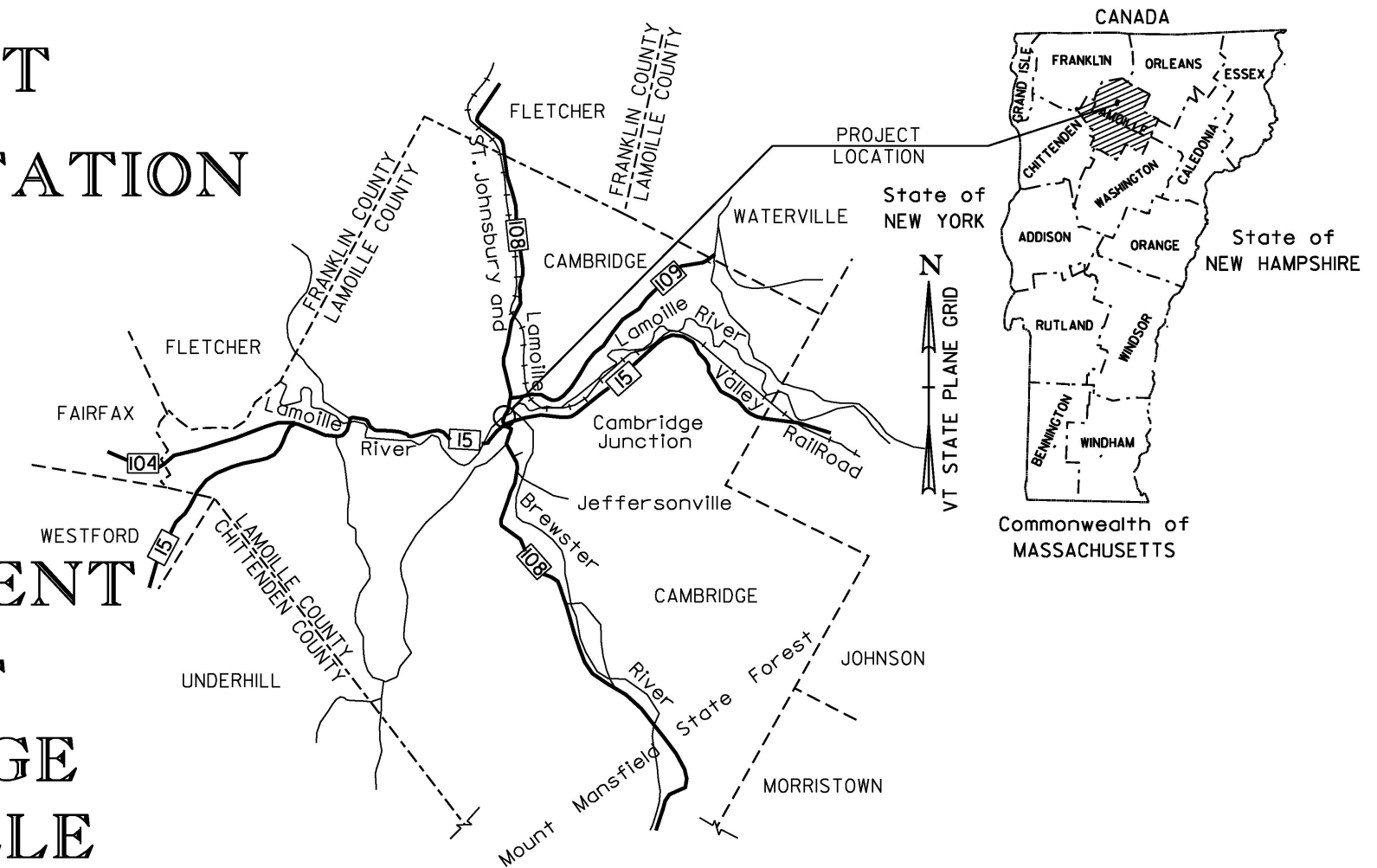
**STP LAYOUT #4**

PROJECT NAME: CAMBRIDGE	PLOT DATE: 05-JUN-2012
PROJECT NUMBER: STP 030-2(27)	DRAWN BY: B. FERLAZO
FILE NAME: r78f163STP1ay4.dgn	CHECKED BY: H. PETROVS
PROJECT LEADER: JLS	SHEET 81 OF 214
DESIGNED BY: MBL	
R.O.W. STP LAYOUT SHEET 4	

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT BRIDGE PROJECT TOWN OF CAMBRIDGE COUNTY OF LAMOILLE VT ROUTE 108, BRIDGE #21 MAJOR COLLECTOR



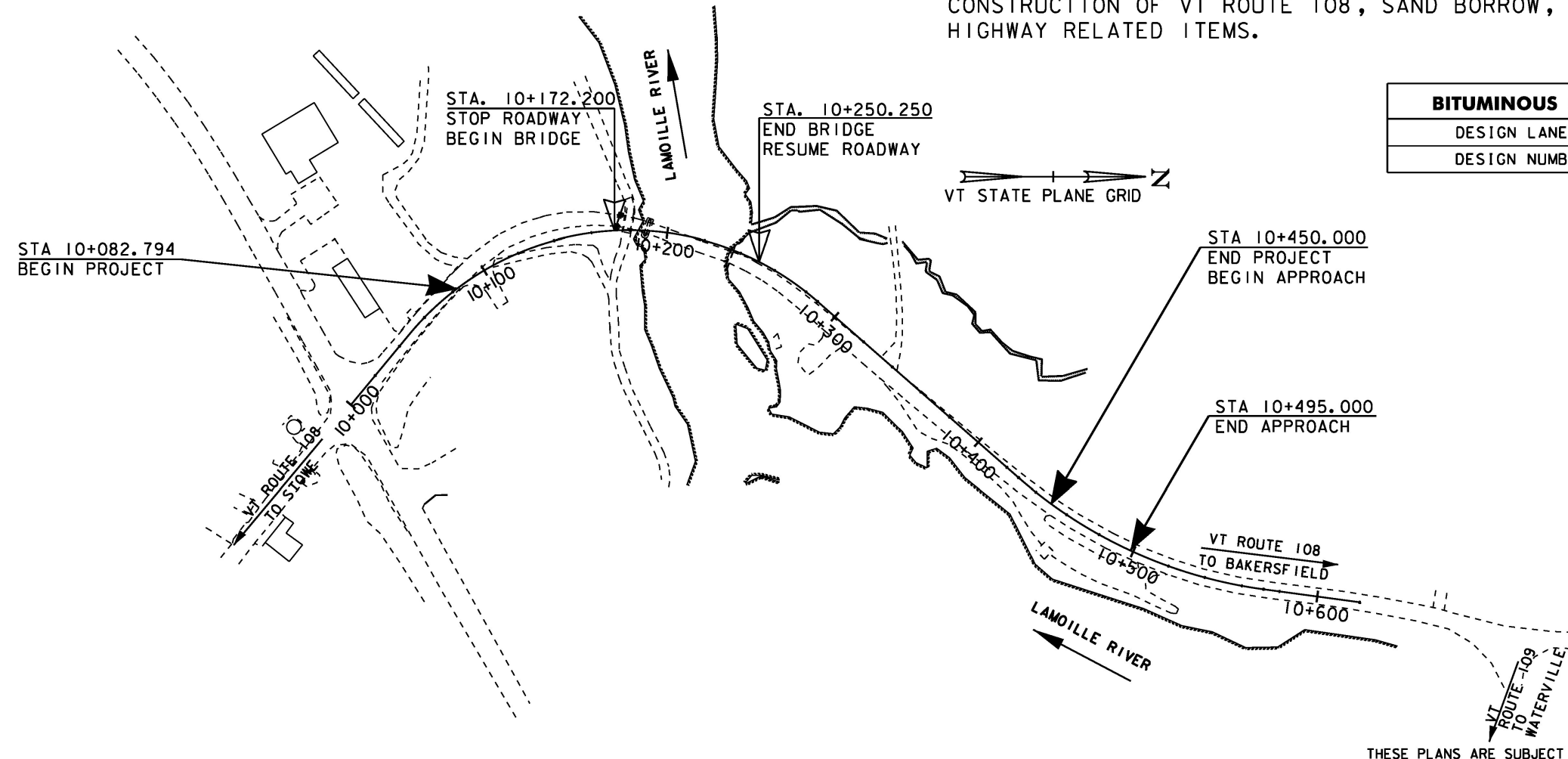
TRAFFIC DATA	
VT ROUTE 108	
2012 AADT= 1800	2032 AADT= 1900
	2032 DHV= 240
	2032 %T= 3.2
	2032 %D= 56
2012 ADTT= 75	2032 ADTT= 130
FUNCTIONAL CLASS - MINOR ARTERIAL	
2012 - 2032 ESAL'S = 512,000	
2012 - 2052 ESAL'S = 1,244,000	
POSTED SPEED = 80 KMH	

### PROJECT BRF 027-1(4)

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 108, APPROXIMATELY 82.794 M NORTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 367.206 M.  
 LENGTH OF ROADWAY = 289.156 m  
 LENGTH OF BRIDGE = 78.040 m  
 LENGTH OF PROJECT = 367.206 m

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REMOVAL OF EXISTING BRIDGE NO. 21 AND CONSTRUCTION OF A NEW BRIDGE AND APPROACHES ON AN IMPROVED HORIZONTAL ALIGNMENT, CONSTRUCTION OF VT ROUTE 108, SAND BORROW, SUBBASE, PAVEMENT, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

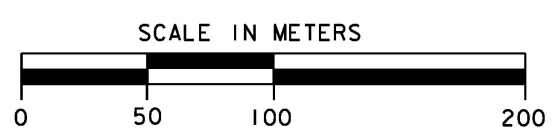
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/LIFE ESALS (20 YEARS)	512,000
DESIGN NUMBER OF GYRATIONS	65



QUALITY ASSURANCE PROGRAM: LEVEL 2

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	

SURVEYED BY : CLD/VTRANS  
 SURVEYED DATE : 12/1998/2010  
 DATUM  
 VERTICAL : NAVD 88  
 HORIZONTAL : NAD 83/96



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.

**Metric**  
 UNLESS NOTED OTHERWISE  
 STATIONS ARE IN KILOMETERS  
 ELEVATIONS ARE IN METERS  
 DIMENSIONS ARE IN MILLIMETERS

PROJECT MANAGER : M. EVANS-MONGEON  
 PROJECT NAME : CAMBRIDGE  
 PROJECT NUMBER : BRF 027-1 (4)  
 SHEET 125 OF 214 SHEETS

# RIGHT - OF - WAY DETAIL SHEET

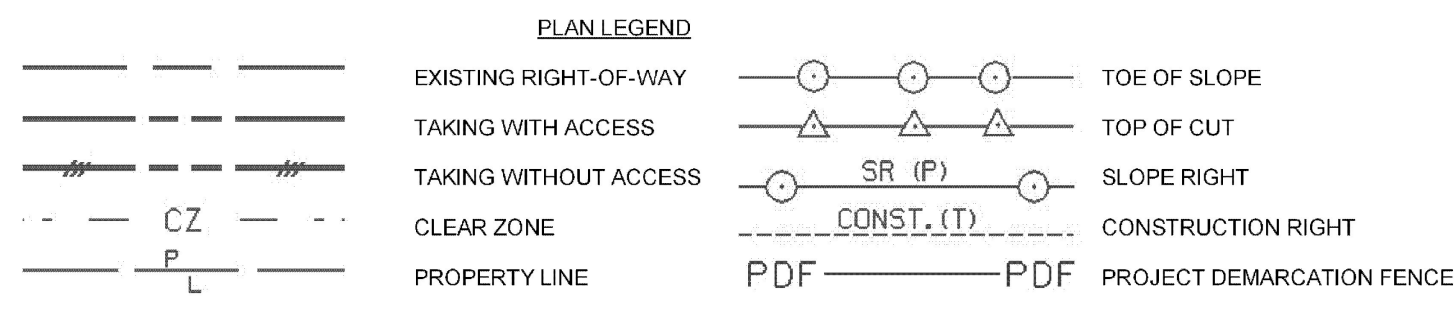


TABLE OF PROPERTY ACQUISITION

TABLE OF REVISIONS

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA				REMARKS			
							AREA ±	AREA ±	TYPE	(T)/(P)	AREA ±	TITLE	DATE		TOWN / CITY	BOOK	PAGE
1	1159 FOOTE BROOK ROAD, LLC - LESSOR G.W. TATRO CONSTRUCTION, INC - LESSEE	14, 15	10+019.20 RT	10+187.57 RT	2,566.78 SM										0.63 A±		
			10+008.17 RT	10+100.00 RT												0.13 A±	
			10+008.73 RT	10+160.00 RT					UTILITY (P)	519.14 SM	WDIF	4/3/2012	CAMBRIDGE	383	294-296		3,660 SF±; INCL. PDF, BF & EC
			10+075.43 RT	10+164.00 RT					CONST. (T)	340 SM							FENCE LINE & GATE
			10+160.00 RT	10+186.70 RT					REMOVE & RESET (T)								4,682 SF± REC PATH, BF, CHAIN LINK FENCE & PLANT GROUND COVER
			10+100.00 RT											7M PAVED, 22.96' DRIVE			
2	STATE OF VERMONT AGENCY OF NATURAL RESOURCES DEPARTMENT OF FISH AND WILDLIFE	15, 16	10+235.00 RT	10+344.06 RT											0.26 A±		
			10+235.00 RT	10+280.00 RT				UTILITY (P)	1057.65 SM	EO	7/2/2010	CAMBRIDGE	362	420-422		0.04 A±	
			10+259.55 RT	10+344.06 RT				SLOPE (P)	166.58 SM							1,634 SF±	
			10+260.00 RT	10+344.06 RT				INSTALL (T)	78.72 SM							BARRIER FENCE	
			10+300.57 RT	10+344.06 RT				CONST. (T)	151.82 SM							847 SF± INCL. EROSION CONTROL	
			10+310.00 RT	10+323.50 RT				INSTALL (T)	13.87 SM							SIDEWALK 148 SF±	
			10+343.42 RT	10+314.00 RT				INSTALL & MAINT (P)								QUY WIRE & ANCHOR	
10+308.00 RT	10+314.00 RT				INSTALL & MAINT (P)								GUARDRAIL				
10+300.00 RT					REMOVE & RESET (T)								FISH & WILDLIFE SIGN				
10+313.00 RT					REMOVE (T)								PICNIC SIGN				
3	CLARKE, PAUL	16, 17	10+400.00 LT	10+449.89 LT	195.99 SM										2.109 SF±		
			10+400.00 LT	10+436.09 LT					WD	2/18/2010	CAMBRIDGE	360	68-69		533 SF±; INCL. PDF & EROSION CONTROL		
			10+400.00 LT	10+495.00 LT					CONST. (T)	49.50 SM						FENCE	
			10+449.89 LT	10+492.57 LT					REMOVE (T)							493 SF±; INCL. PDF & EROSION CONTROL	
4	POWELL, JERRY D. & DONNA M.	16	10+346.60 LT	10+400.00 LT	310.63 SM										0.08 ACRE		
			10+344.27 LT	10+400.00 LT					WD	10/18/2011	CAMBRIDGE	372	237		1,793 SF±; INCL. BF, PDF & EC		
			10+345.00 LT	10+394.18 LT					CONST. (T)	166.61 SM						1,347 SF±	
5	PAYNTER, ROBERT J. & MARIE B.	15, 16	10+234.91 LT	10+348.17 LT	545.30 SM										0.13 A±		
			10+236.73 LT	10+345.10 LT					WD	4/14/2010	CAMBRIDGE	361	35-38		INCL. PDF & EROSION CONTROL;		
			10+236.73 LT	10+340.00 LT					CONST. (T)	377.02 SM						0.09 A±	
			10+236.73 LT	10+346.80 LT					DETOUR (T)	0.16 HA							0.40 A±
			10+256.92 LT	10+329.27 LT					SLOPE (P)	822.06 SM							0.2 A±
			10+325.00 LT						UTILITY (P)	1030.00 SM							0.25 A±
			10+338.00 LT						ACCESS (T)								INGRESS & EGRESS DETOUR
					DRIVE (T)								3.6M (11.8) GRAVEL MM 0921				
6	LITTLE GRAY RABBIT LLC - LESSOR K-2 CONSTRUCTION, INC. - LESSEE	14, 15	10+080.77 LT	10+168.06 LT											4.030 SF± INCL. BF, PDF & EC		
			10+080.77 LT	10+187.10 LT					GTR	3/20/2012	CAMBRIDGE	383	152-155		0.70 A±		
			10+168.06 LT	10+187.07 LT					CONST. (T)	374.41 SM						RECREATIONAL PATH; BF, CHAIN LINK FENCE & HANDRAIL 4,747 SF±	
			10+080.00 LT	10+085.00 LT										5 WOODEN BOLLARDS			
7	CENTRAL VERMONT PUBLIC SERVICE CORPORATION		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENT WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
								ALL R. T. & I.									
8	TELEPHONE OPERATING COMPANY OF VERMONT LLC		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENTS WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
								ALL R. T. & I.									
9	VILLAGE OF JEFFERSONVILLE WATER & SEWER DEPARTMENT		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENTS WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
								ALL R. T. & I.									
10	JEFFERSONVILLE CABLE T.V. CORPORATION		10+008.17 RT	10+530.00 RT											EXISTING UTILITY EASEMENTS WITHIN PROPOSED VERMONT ROUTE 108 RIGHT OF WAY		
								ALL R. T. & I.									

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	23, 26	PARCEL NO. 3 CLARKE - CORRECTED REMOVE (P) TO REMOVE (T) FOR BARBED WIRE FENCE AND CHANGED ENDING STATION FROM 10+540.00 LT TO 10+495 LT PER C.O. 9554 COMPLETED BY: MT APPROVED BY: HP	02/06/2009
2	23, 26	PARCEL NO. 4 POWELL - REMOVED BARBED WIRE FENCE AND REMOVE (P) PER C.O. 9555 COMPLETED BY: MT APPROVED BY: HP	02/06/2009
		AS OF THIS DATE, THIS PROJECT HAS NOT BEEN GRANTED NECESSITY.	02/10/2009
3	23	PARCEL NO. 1 FOOTE BROOK ROAD - CORRECTED AREA OF 771.25 SM TO 340 SM, 3,660 SF± AND 501 SM TO 435 SM, 4,682 SF± PER C.O. 9571 COMPLETED BY: MT APPROVED BY: HP	10/20/2009
4		PARCEL NO. 1 FOOTE BROOK ROAD. REQUEST TO STRUCTURES TO ADD COMMERCIAL SIGN TO EXISTING TOPO IN THE FIELD. PER C.O. 9586 COMPLETED BY: STRUCTURES APPROVED BY: HP	12/29/2009
5	22, 23	PARCEL NO. 1 FOOTE BROOK ROAD. ADD LAYOUT SHEET 22 FROM THE STP PORTION OF THIS PROJECT, TO THE LIST OF DESIGN SHEETS THAT AFFECT THIS PARCEL. ADD SHEET 22 TO THE PROPERTY OWNER PLAT. ADD REMOVE (T) FOR SIGN AT STA. VT. RTE. 15 20+221.47 LT PER C.O. 9591 COMPLETED BY: MR APPROVED BY: HP	12/29/2009
6	23, 26	PARCEL NO. 2 AGENCY OF NATURAL RESOURCES. ADD REMOVE & RESET (T) FOR FISH & WILDLIFE SIGN AT STA. 10+300.00 RT ADD REMOVE (T) FOR PICNIC SIGN AT STA. 10+313.00 RT PER C.O. 9604 COMPLETED BY: MR APPROVED BY: HP	02/23/2010
7	1, 25, 26, 27	CHANGE ENDING STATION OF PROJECT TO 10+530.00, 26.23M; RT CHANGE LENGTH OF ROW PROJECT TO 521.83 M CHANGE RUNNING DISTANCES AS SHOWN ON PLANS. PER C.O. 9603 COMPLETED BY: MR APPROVED BY: HP	02/23/2010
NOTE: DESIGN CHANGED TO A ROTARY AT INTERSECTION WITH VT ROUTE 15 AND 108 IN 2010			
8	16	PARCEL NO. 3 CLARK - NOW TO READ STATE OF VERMONT F/N CLARKE, PAUL. COMPLETED BY: MT C.O. 9711 APPROVED BY: HP	03/31/2011
9	15, 16	PARCEL NO. 5 PAYNTER - NOW TO READ STATE OF VERMONT F/N PAYNTER, ROBERT J. & MARIE B. COMPLETED BY: MT C.O. 9712 APPROVED BY: HP	03/31/2011



- BF - BARRIER FENCE
- EC - EROSION CONTROL
- (P) - PERMANENT
- (T) - TEMPORARY
- DR. - DRAINAGE RIGHT
- DIT. - DITCHING RIGHT
- CH. - CHANNEL RIGHT
- DRIVE - DRIVE RIGHT
- CUL. - CULVERT RIGHT
- C&T - CLEARING & TRIMMING RIGHT
- SR - SLOPE RIGHT
- UE - UTILITY EASEMENT

APPROVED: HARRY PETROYS DATE: 11-19-08  
CHIEF, PLANS & TITLES

PROJECT NAME: **CAMBRIDGE**  
 PROJECT NUMBER: **BRF 027-1(4)**  
 FILE NAME: r78f163BRFdetail.xls PLOT DATE: 4/30/2012  
 PROJECT LEADER: J. SHULTZ DRAWN BY: M. TROTTIER  
 DESIGNED BY: TUS/SRB CHECKED BY: R. FERLAZO  
 R.O.W. DETAIL SHEET SHEET **183** OF **214**



- [B1] EXISTING DRAINAGE  
STA 10+089.4 RT 12.0m - STA 10+186.3 RT 7.8m  
EXISTING 450 CULVERT - REMOVE
- [B2] STA 10+121.7 RT 4.8 m - STA 10+125.6 RT 0.2 m  
EXISTING 300 CULVERT - REMOVE
- [B3] NEW DRAINAGE  
STA 10+082.0 RT 13.9m - STA 10+113.4 RT 17.9m  
NEW 600mm X 28.3m RCP CL. III OR CPEP (SL)  
W/ 600mm ES AT INLET AND TYPE I STONE PAD  
AT OUTLET  
INLET INV. EL. 137.461  
OUTLET INV. EL. 137.320
- [B4] STA 10+113.4 RT 17.9m - STA 10+160.0 RT 14.4m  
CONSTRUCT GRASS LINED DITCH
- [B5] STA 10+170.1 RT 15.6m - STA 10+186.9 RT 15.0m  
NEW 600mm X 15.1m CAAP (1.52) OR LACSP (1.63)  
W/ 600mm ES AT INLET  
INLET INV. EL. 136.472  
OUTLET INV. EL. 136.018  
CONSTRUCT 7.3m TYPE I STONE LINED DITCH AT  
INLET OF PIPE

**CURVE #1 DATA**  
 PI 10+202.301 BK  
 = 10+133.732 AHD  
 Δ = 91°33'25" RT  
 R = 150.000  
 T = 154.132  
 L = 239.695  
 E = 65.074  
 BANK = 0.078

REMOVING AND RESETTING FENCE  
 STA 10+082.794 - 10+10+094 RT  
 STA 10+094 - 10+104 RT (GATE)  
 STA 10+104 - 10+164 RT

REMOVAL OF EXISTING FENCE  
 STA 10+237 - 10+250 LT  
 CHL 50+047 - 50+127 RT

BRACING ASSEMBLY FOR CHAIN-LINK FENCE, 2.4m  
 STA 10+093 RT  
 STA 10+104 RT  
 STA 10+160 RT  
 STA 10+165 RT

STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 10+123.36 - 10+163.61 LT  
 STA 10+104.13 - 10+163.05 RT  
 STA 10+258.84 - 10+280 LT  
 STA 10+259.40 - 10+280 RT

MANUFACTURED TERMINAL SECTION, FLARED  
 STA 10+111.93 - 10+123.36 LT  
 ANCHOR FOR STEEL BEAM RAIL  
 STA 10+104.13 RT

SPECIAL PROVISION  
 (REMOVABLE METAL HAND I)  
 CHL 50+080 - 50+125 RT

**LITTLE GRAY RABBIT LLC - LESSOR  
 K-2 CONSTRUCTION, INC. - LESSEE**

**6**

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 10+098 - 10+175 LT  
 STA 10+161 - 10+173 LT  
 STA 10+236 - 10+268 RT  
 STA 10+236 - 10+256 RT

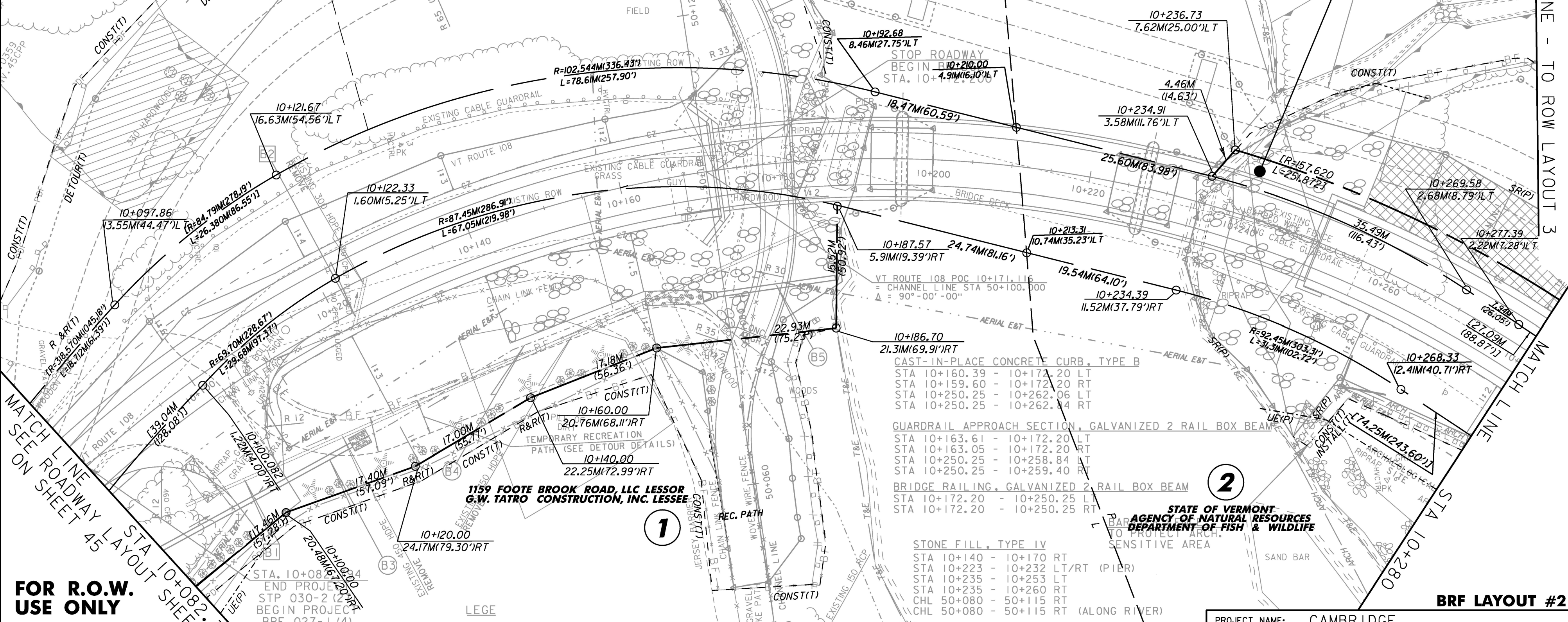
WOVEN WIRE FENCE WITH WOOD POSTS  
 CHL 50+047 - 50+080 RT

WOOD BRACE FOR WOVEN WIRE FENCE  
 CHL 50+047 RT  
 CHL 50+080 RT

CONSTRUCT RECREATION PATH  
 (SEE CHANNEL SECTIONS)  
 CHL 50+047 - 50+145 LT  
 PORTLAND CEMENT CONCRETE SIDEWALK, 125mm  
 CHL 50+080 - 50+125 RT

INSTALL GEOTEXTILE  
 FOR ROADBED SEPARATOR  
 PRIOR TO PLACING TEMPORARY  
 FILL IN WETLAND AREA

REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 10+098 - 10+175 LT  
 STA 10+161 - 10+173 LT  
 STA 10+236 - 10+268 RT  
 STA 10+236 - 10+256 RT



**FOR R.O.W. USE ONLY**

LINE 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.

**LEGE**

- EVERGREEN TREE (PICEA GLAUCA)
- GROUND COVERS AND VINES (VALIANT GRAPEVINE OR SUMMER GRAPEVINE)



STONE FILL, TYPE IV  
 STA 10+140 - 10+170 RT  
 STA 10+223 - 10+232 LT/RT (PIER)  
 STA 10+235 - 10+253 LT  
 STA 10+235 - 10+260 RT  
 CHL 50+080 - 50+115 RT  
 CHL 50+080 - 50+115 RT (ALONG RIVER)

CONSTRUCT DRIVE  
 STA 10+100 RT - 7.0m WIDE,  
 17.2 m LONG PAVED

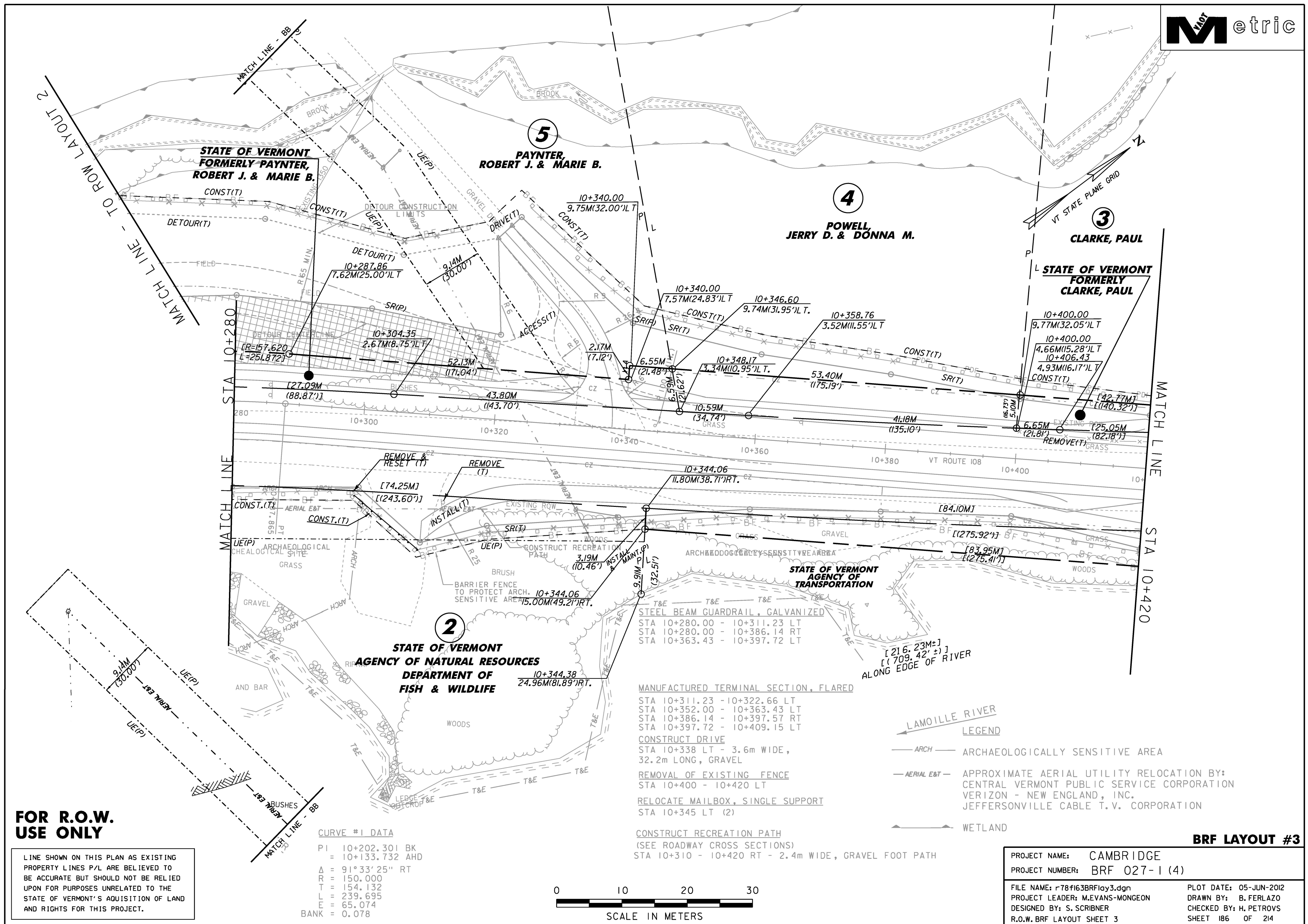
PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1 (4)	DRAWN BY:	B. FERLAZO
FILE NAME:	r78f163BRFloy2.dgn	DESIGNED BY:	T. FILLBACH
PROJECT LEADER:	M.EVANS-MONGEON	CHECKED BY:	H. PETROVS
R.O.W. BRF LAYOUT SHEET 2		SHEET	185 OF 214

**BRF LAYOUT #2**

MATCH LINE - TO ROW LAYOUT 3

MATCH LINE SEE ON SHEET 45

MATCH LINE  
 STA 10+280



**FOR R.O.W. USE ONLY**

LINE 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.

**CURVE #1 DATA**  
 PI 10+202.301 BK  
 = 10+133.732 AHD  
 Δ = 91° 33' 25" RT  
 R = 150.000  
 T = 154.132  
 L = 239.695  
 E = 65.074  
 BANK = 0.078



**MANUFACTURED TERMINAL SECTION, FLARED**  
 STA 10+311.23 - 10+322.66 LT  
 STA 10+352.00 - 10+363.43 LT  
 STA 10+386.14 - 10+397.57 RT  
 STA 10+397.72 - 10+409.15 LT

**CONSTRUCT DRIVE**  
 STA 10+338 LT - 3.6m WIDE,  
 32.2m LONG, GRAVEL

**REMOVAL OF EXISTING FENCE**  
 STA 10+400 - 10+420 LT

**RELOCATE MAILBOX, SINGLE SUPPORT**  
 STA 10+345 LT (2)

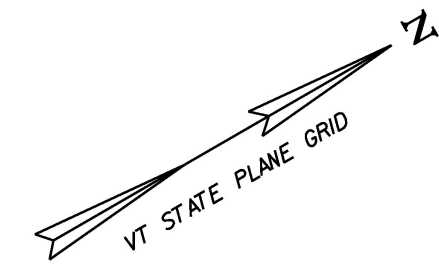
**CONSTRUCT RECREATION PATH**  
 (SEE ROADWAY CROSS SECTIONS)  
 STA 10+310 - 10+420 RT - 2.4m WIDE, GRAVEL FOOT PATH

**LEGEND**

- ARCH — ARCHAEOLOGICALLY SENSITIVE AREA
- AERIAL E&T — APPROXIMATE AERIAL UTILITY RELOCATION BY:  
CENTRAL VERMONT PUBLIC SERVICE CORPORATION  
VERIZON - NEW ENGLAND, INC.  
JEFFERSONVILLE CABLE T.V. CORPORATION
- WETLAND

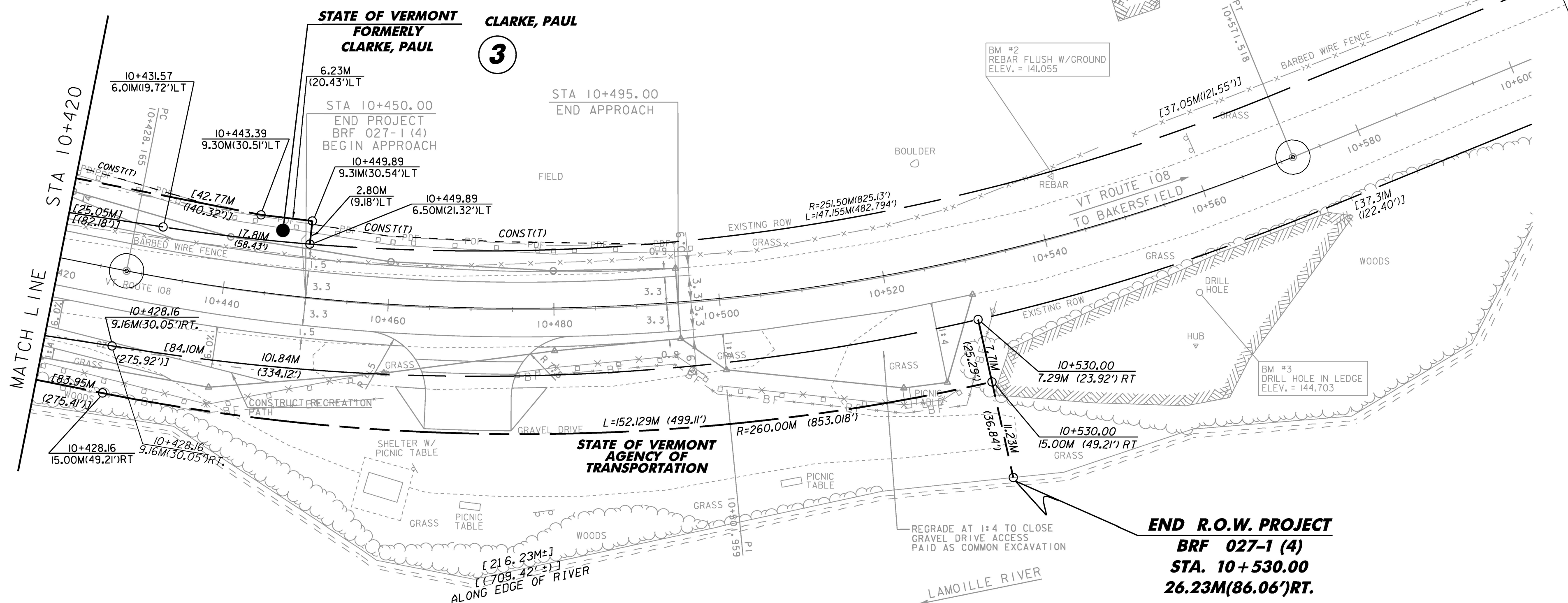
**BRF LAYOUT #3**

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1 (4)	DRAWN BY:	B. FERLAZO
FILE NAME:	F78f163BRFlay3.dgn	CHECKED BY:	H. PETROVS
PROJECT LEADER:	M. EVANS-MONGEON	R.O.W. BRF LAYOUT SHEET 3	SHEET 186 OF 214



COLD PLANING, BITUMINOUS PAVEMENT  
 STA 10+476 - 10+495 CL  
 CONSTRUCT DRIVE  
 STA 10+470 RT - 10.3m WIDE,  
 11.3 m LONG, GRAVEL  
 REMOVAL OF EXISTING FENCE  
 STA 10+420 - 10+495 LT  
 CONSTRUCT RECREATION PATH  
 (SEE ROADWAY CROSS SECTIONS)  
 STA 10+420 - 10+447 RT - 2.4m WIDE, GRAVEL FOOT PATH

**CURVE #2 DATA**  
 $\Delta = 33^{\circ}31'28''$  LT  
 $R = 245.000$   
 $T = 73.794$   
 $L = 143.353$   
 $E = 10.872$   
 BANK = 0.060



MATCH LINE

**STATE OF VERMONT  
 FORMERLY  
 CLARKE, PAUL**  
**3**

STA 10+495.00  
 END APPROACH

STA 10+450.00  
 END PROJECT  
 BRF 027-1 (4)  
 BEGIN APPROACH

**END R.O.W. PROJECT**  
**BRF 027-1 (4)**  
**STA. 10 + 530.00**  
**26.23M(86.06')RT.**

LINE 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.

**FOR R.O.W.  
 USE ONLY**



**BRF LAYOUT #4**

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	BRF 027-1 (4)	DRAWN BY:	B. FERLAZO
FILE NAME:	r78f163BRFloy4.dgn	CHECKED BY:	H. PETROVS
PROJECT LEADER:	M. EVANS-MONGEON	R.O.W. BRF LAYOUT SHEET 4	SHEET 187 OF 214