STATE OF VERMONT
AGENCY OF TRANSPORTATION

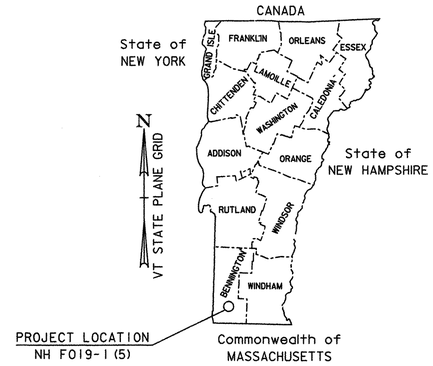
R.O.W. PLANS

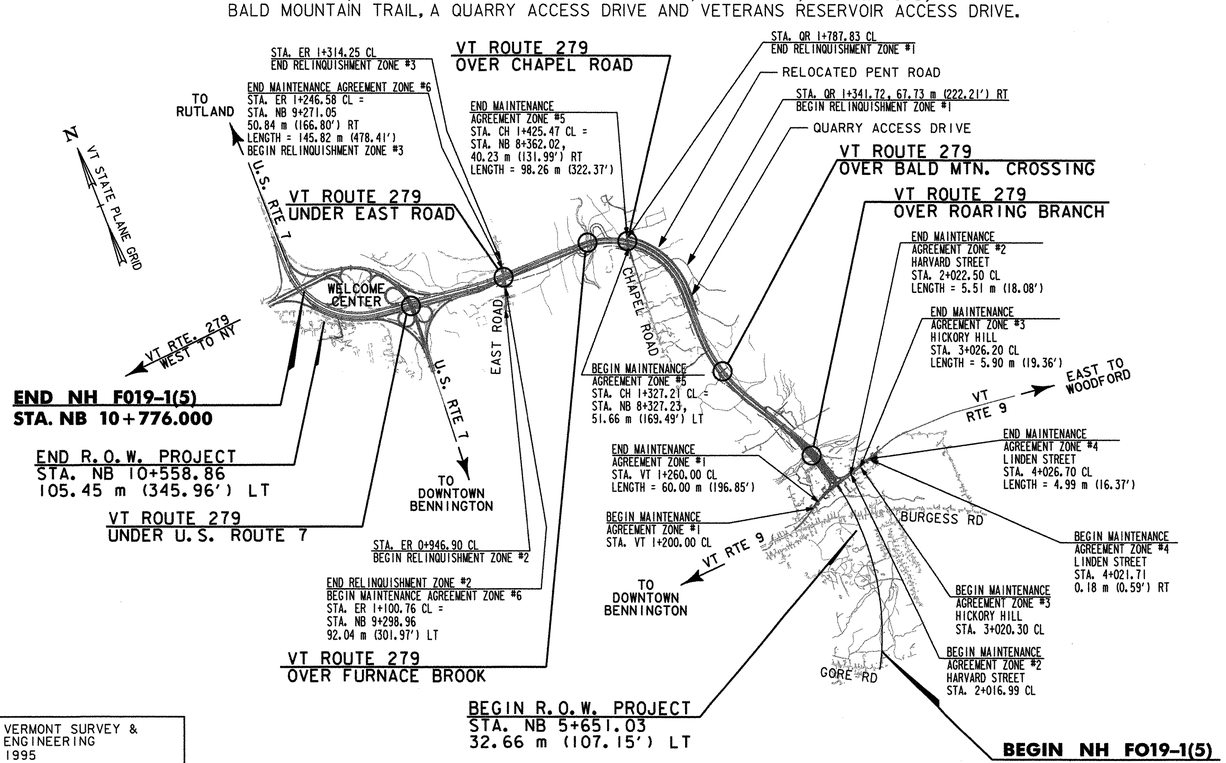
PROPOSED IMPROVEMENT
TOWN OF BENNINGTON
COUNTY OF BENNINGTON
WWII VETERANS MEMORIAL HIGHWAY
VT ROUTE 279, PRINCIPAL ARTERIAL
BENNINGTON NH F019-1(5)

BEGINNING AT A POINT 68.419 m NORTH WEST OF VT ROUTE 9 AND EXTENDING IN A NORTH AND WEST DIRECTION APPROXIMATELY 4.694 km

LENGTH OF ROADWAY = 4.369 km
LENGTH OF PROJECT = 4.694 km
LENGTH OF STRUCTURES = 0.325 km
LENGTH OF R.O.W. PROJECT = 4.908 km

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES GRADING, DRAINAGE, SUBBASE, AND PAVEMENT FOR A STATE HIGHWAY ON NEW LOCATION AND INVOLVES THE CONSTRUCTION OF VT ROUTE 279 AROUND THE TOWN OF BENNINGTON, TWO NEW INTERCHANGES, THE RECONSTRUCTION OF VT ROUTE 9, EAST ROAD, CHAPEL ROAD, BALD MOUNTAIN TRAIL, A QUARRY ACCESS DRIVE AND VETERANS RESERVOIR ACCESS DRIVE.





CONVENTIONAL SYMBOLS

COUNTY LINE	COUNTY LINE
TOWN LINE	TOWN LINE
LIMITS OF ACCESS	
POINT OF ACCESS	X
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	SR SR SR
TOP OF CUT	
TOE OF SLOPE	
ARCHEOLOGICAL	
CLEAR ZONE	
WETLAND DELINEATION	

SURVEYED BY : VERMONT SURVEY & ENGINEERING
SURVEYED DATE : 1995

DATUM
VERTICAL NAVD88
HORIZONTAL NAD83 (1992)

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

VAOT Metric

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

APPROVED _____ DATE 12-7-05
DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED _____ DATE 12/7/05
CHIEF OF RIGHT-OF-WAY

VERMONT SURVEY and ENGINEERING, INC.

Dufresne-Henry

PROJECT NAME : BENNINGTON
PROJECT NUMBER : NH F019-1(5)

R.O.W. SHEET 1 OF 112 SHEETS

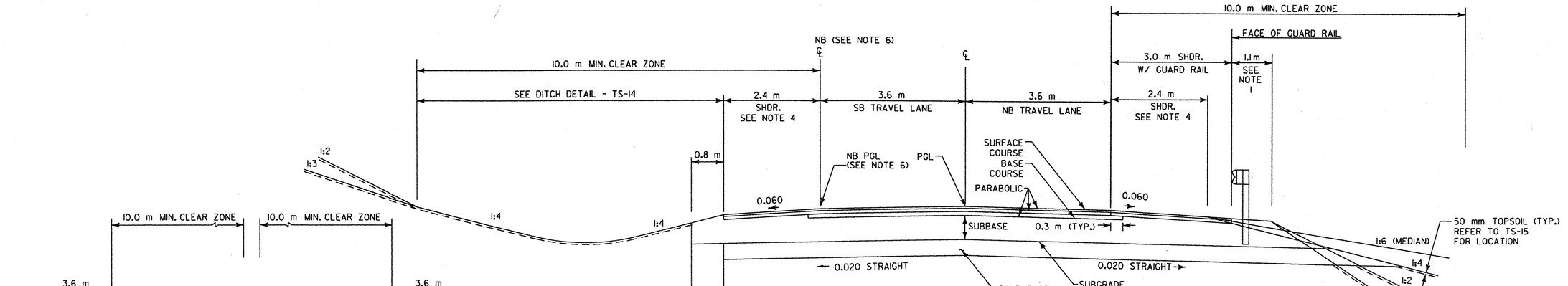
TYPICAL SECTION - MAINLINE (NB & SB)

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

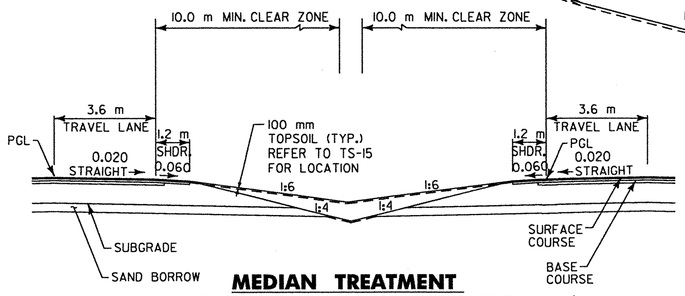
	130 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	600 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	400 mm	SAND BORROW
SHOULDERS:	130 mm	BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

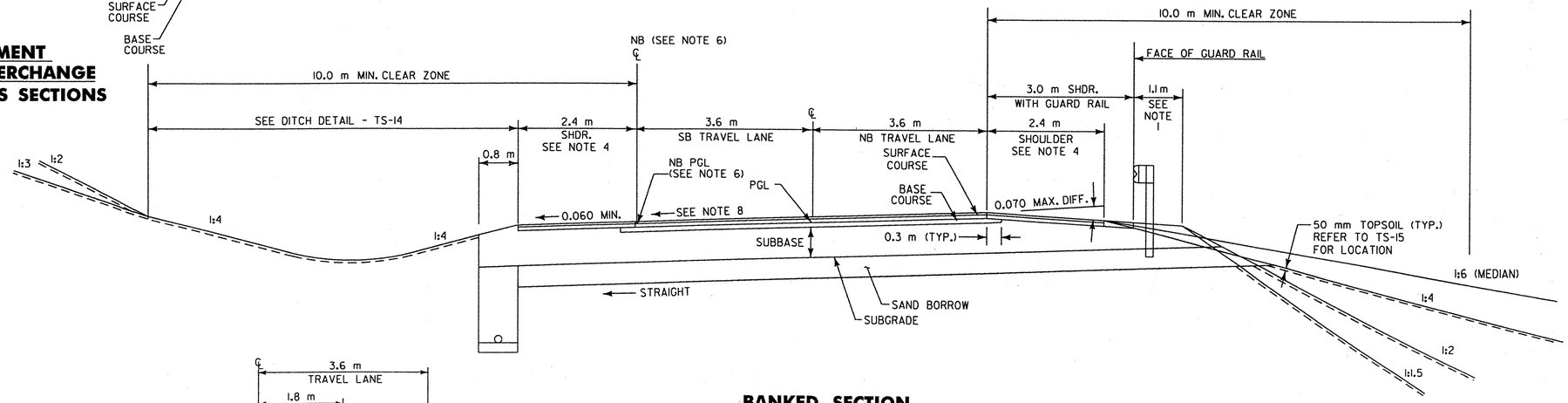
1) DESIGN FROST DEPTH - 1230 MM



NORMAL SECTION



MEDIAN TREATMENT THRU SYSTEM'S INTERCHANGE AS NOTED ON CROSS SECTIONS

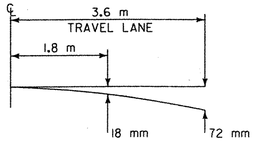


BANKED SECTION

SLOPE VARIES, SEE BANKING DIAGRAM ON PROFILE SHEETS.

NOTES:

1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE VTrans STD. SHEET A-60M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA, ADDITIONAL GENERAL NOTES AND PARABOLIC DETAIL.
4. USE 1.2 m SHOULDER THRU SYSTEMS INTERCHANGE ON INSIDE SHLDER. SEE ALIGNMENT PLANS
5. SEE TS-15 FOR LEDGE EXCAVATION DETAIL.
6. NB ℄ & PGL CARRIED AT LEFT TW FROM NB 8+958.0 TO 10+776.0
7. ANY DIMENSION NOTED AS "VARIES" IS REFERENCED TO ALIGNMENT PLANS/ SECTIONS FOR DETAIL.
8. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE.



PARABOLIC DETAIL NORMAL SECTION

PGL=PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\Plotfiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-01

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 2 OF 112

X:\63380020 (Barn)\Highway\PlotFiles\typicals.ptf

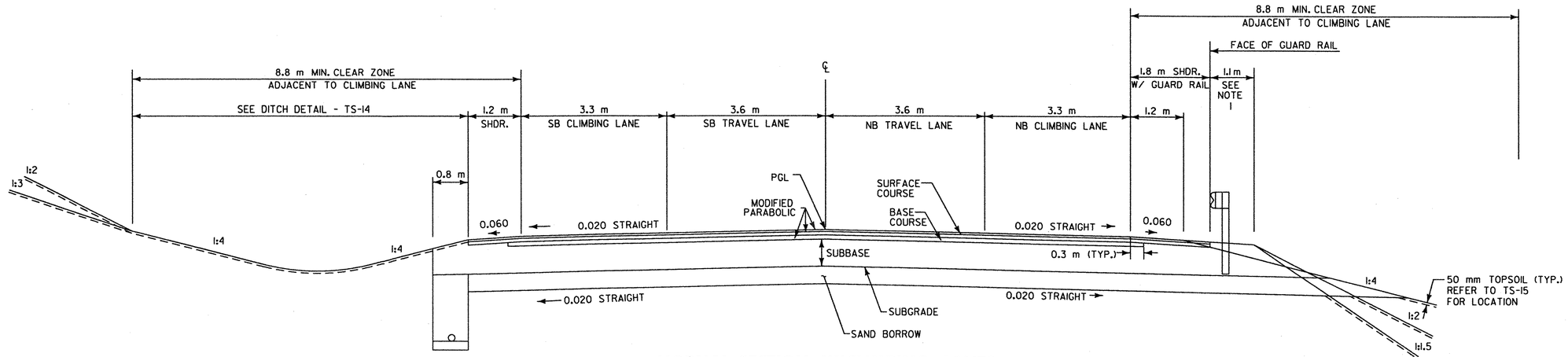
TYPICAL SECTION - MAINLINE: WITH CLIMBING LANES

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

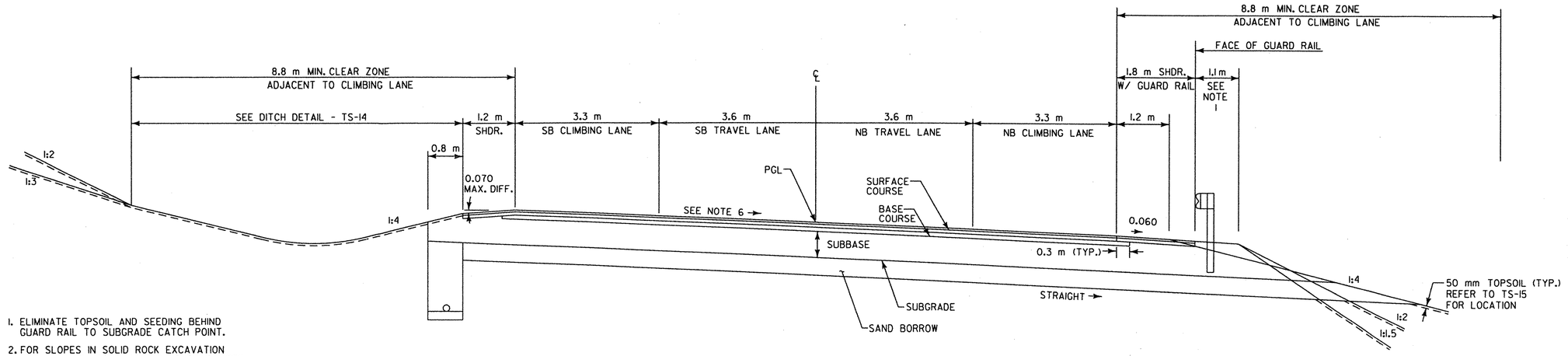
	130 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	600 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	400 mm	SAND BORROW
SHOULDERS:	130 mm	BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

1) DESIGN FROST DEPTH - 1230 MM



NORMAL SECTION W/ CLIMBING LANES



BANKED SECTION W/ CLIMBING LANES

NOTES:
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE VTrans STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA, ADDITIONAL GENERAL NOTES AND MODIFIED PARABOLIC DETAIL.
4. SEE TS-14 FOR LEDGE EXCAVATION DETAIL.
5. ANY DIMENSION NOTED AS "VARIES" IS REFERENCED TO ALIGNMENT PLANS/SECTIONS FOR DETAIL.
6. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE

PGL=PROFILE GRADE LINE

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VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-02

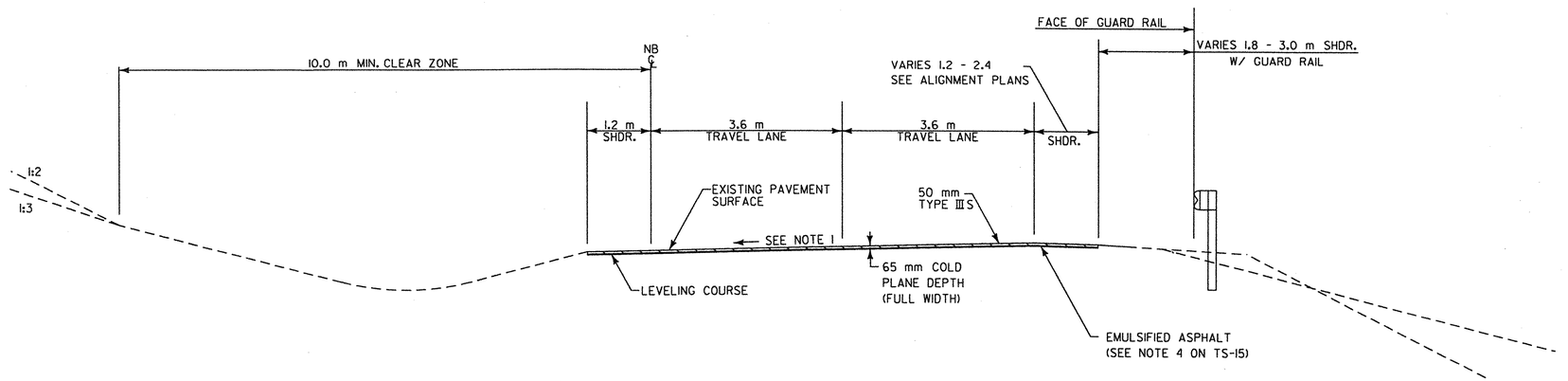
PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 3 OF 112

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm

TYPICAL SECTION
MAINLINE - NORTHBOUND ONLY
65 mm SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 15 mm TYPE IVS LEVELING)

VAOT Metric

NOTE: 1. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



COLD PLANE SECTION
STA. NB 10+836 - NB 11+150

PGL = PROFILE GRADE LINE

K:\6380020 (Benn)\Highway\PlotFiles\typicals.ptf

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-02A

PLOT DATE: 11/9/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 4 OF 112

TYPICAL SECTION - CROSSOVER

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

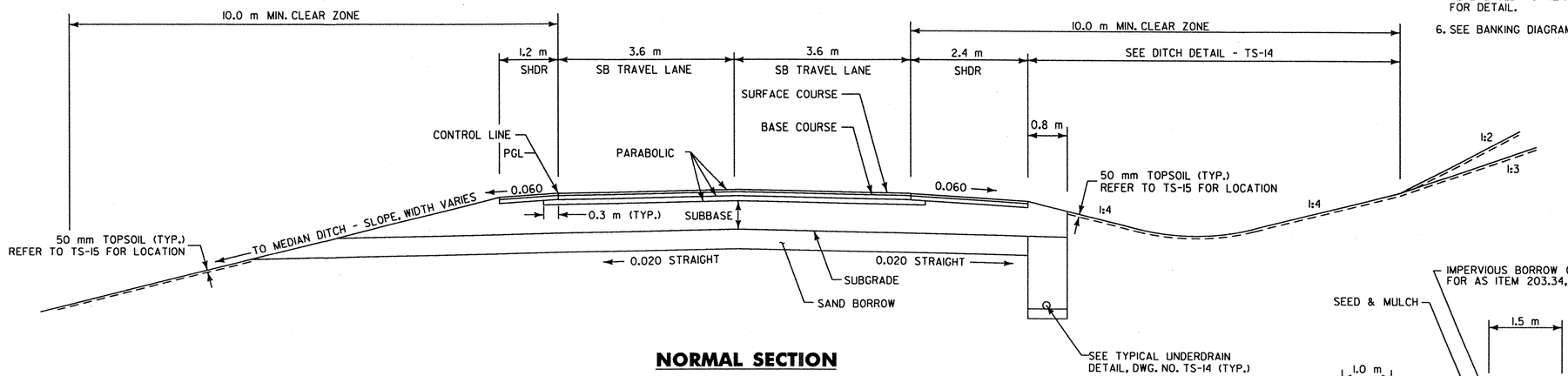
	130 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50mm TYPE IIIS, 80mm TYPE IIS)
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	600 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	400 mm	SAND BORROW
SHOULDERS:	130 mm	BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

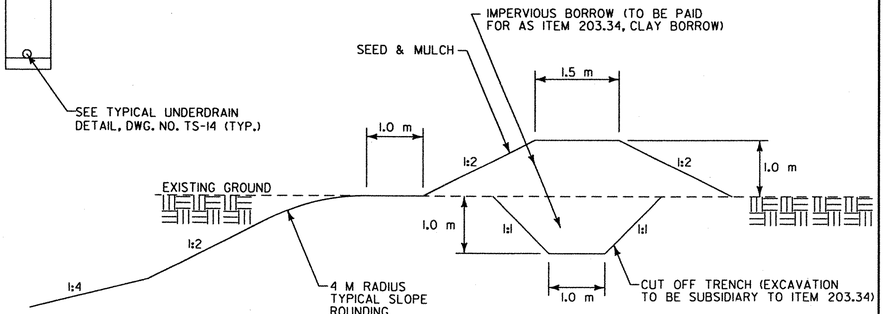
1) DESIGN FROST DEPTH - 1230 MM

NOTES:

1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE VTrans STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDTIONAL GENERAL NOTES AND PARABOLIC DETAIL
4. SEE TS-14 FOR LEDGE EXCAVATION DETAIL.
5. ANY DIMENSION NOTED AS "VARIES" IS REFERENCED TO ALIGNMENT PLANS/SECTIONS FOR DETAIL.
6. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE

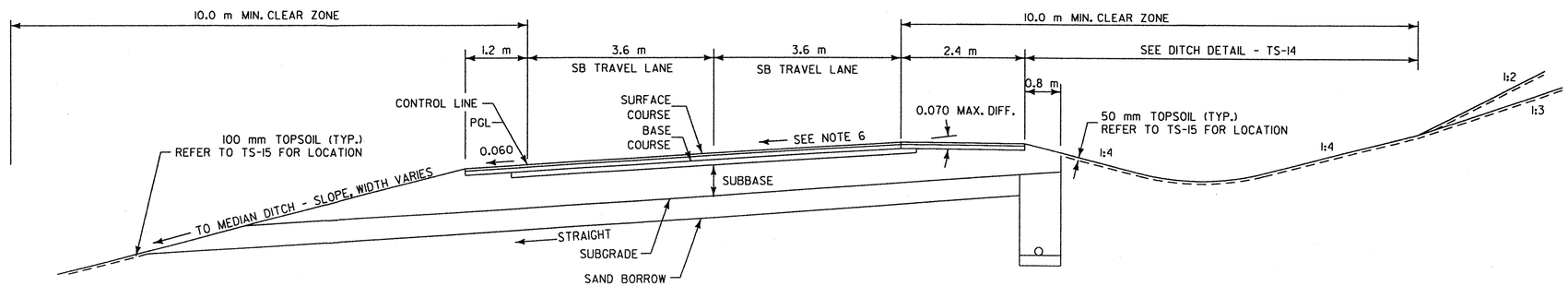


NORMAL SECTION



BERM FOR WETLAND "W"

STA. CD 2+400, RT. TO XO 1+225, RT.



BANKED SECTION

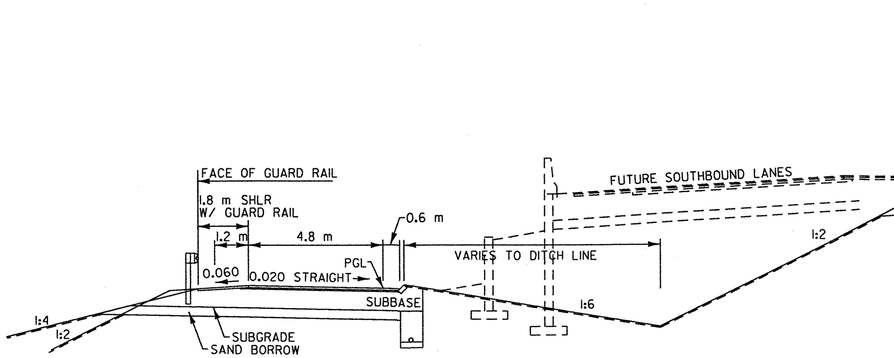
PGL = PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION		
Dufresne-Henry	PROJECT NAME: BENNINGTON PROJECT NUMBER: NH F019-1(5)	**REVISED**
	FILE NAME: ...\Highway\PlotFiles\typicals.ptf DESIGN SUPERVISOR: GREG EDWARDS DESIGNED BY: MARC FOISY **TYPICAL TS-03**	PLOT DATE: 11/20/2004 DRAWN BY: DUFRESNE-HENRY CHECKED BY: GARY SANTY SHEET 5 OF 112

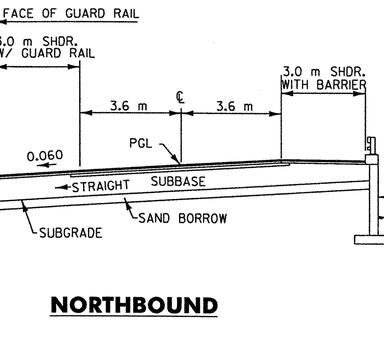
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TYPICAL REPRESENTATIVE SECTION - MAINLINE-RAMPS THROUGH S.P.D.I.

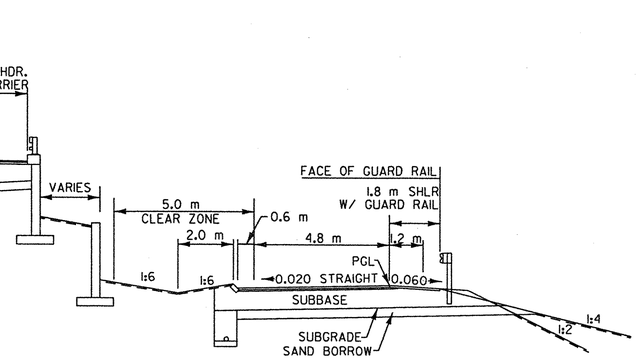
REPRESENTATIVE SECTION ONLY – ROUTE 9 : ROUTE 7 SPDI
FOR FULL BUILD OF NORTHBOUND



RAMP A



NORTHBOUND



RAMP D

PGL=PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\Plotfiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-04

PLOT DATE: 11/9/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 6 OF 112

X:\6380020 (Benn\Highway\Plotfiles\typicals.ptf

TYPICAL SECTION RT 9 INTERCHANGE - RAMPS A&D

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

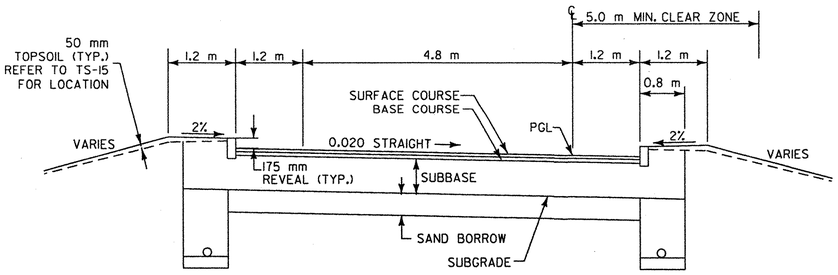
130 mm SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
100 mm BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
600 mm SUBBASE OF DENSE GRADED CRUSHED STONE
400 mm SAND BORROW
SHOULDERS: 130 mm BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

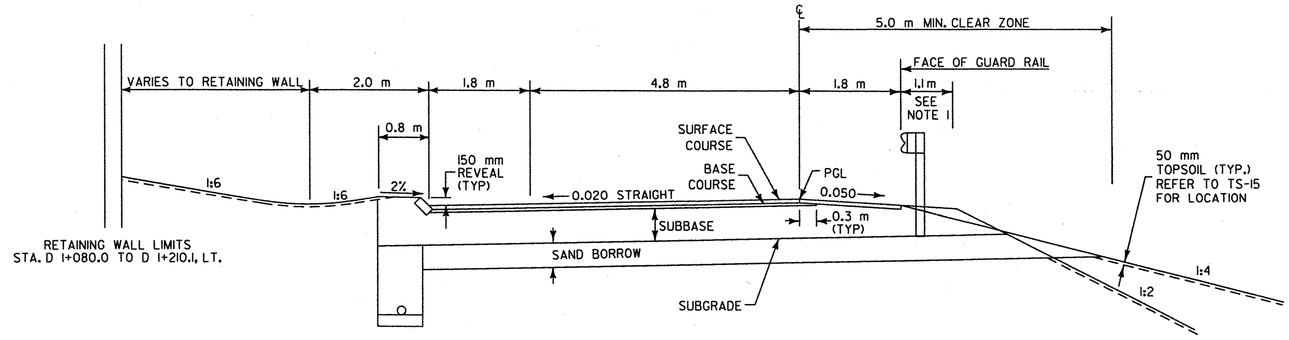
1) DESIGN FROST DEPTH - 1230 mm

NOTES:

1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.

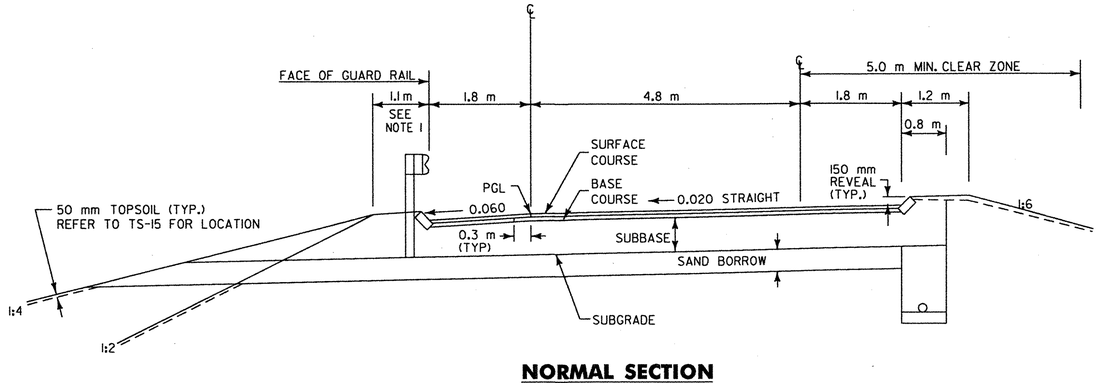


VERTICAL CURB SECTION
STA. A 1+048 - STA. A 1+077
STA. D 1+045 - STA. D 1+080
STA. AS 1+000 - STA AS 1+029
STA. DS 1+000 - STA AS 1+036



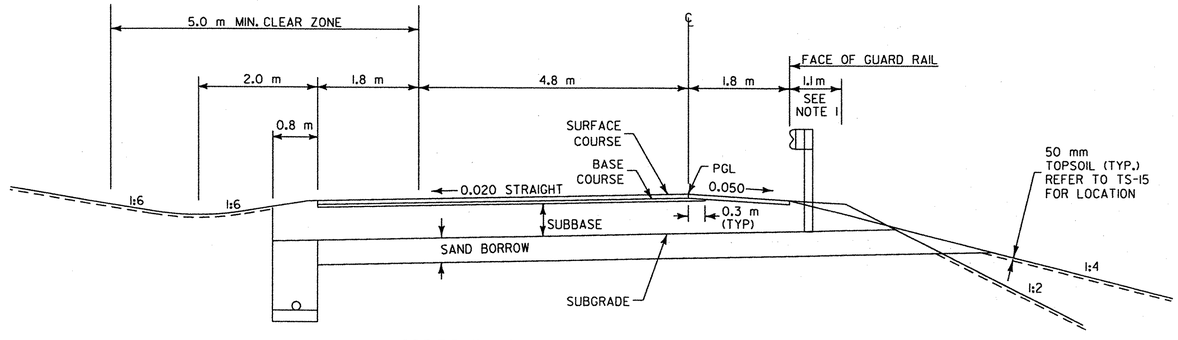
NORMAL SECTION
STA. D 1+080 - STA. D 1+235

GRANITE SLOPE EDGING MATCHES TO BRIDGE CURB ON SHEET P-6 AT STATION D 1+226.0



NORMAL SECTION
STA. A 1+077 - STA. A 1+241

GRANITE SLOPE EDGING MATCHES TO BRIDGE CURB ON SHEET P-6 AT STATION A 1+234.0



NORMAL SECTION NO CURB
STA. A 1+389 - STA. A 1+600
STA. D 1+381 - STA. D 1+591

PGL=PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-05
PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 7 OF 112

K:\638020 (Benn\Highway\PlotFiles\typicals.ptf

TYPICAL SECTION - SYSTEM INTERCHANGE RAMPS E,F,G,H,K,L,M,N,P,Q,R,S

VAOT Metric

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

130 mm BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
100 mm BASE COURSE, BITUMINOUS CONCRETE, TYPE IS
600 mm SUBBASE OF DENSE GRADED CRUSHED STONE
400 mm SAND BORROW

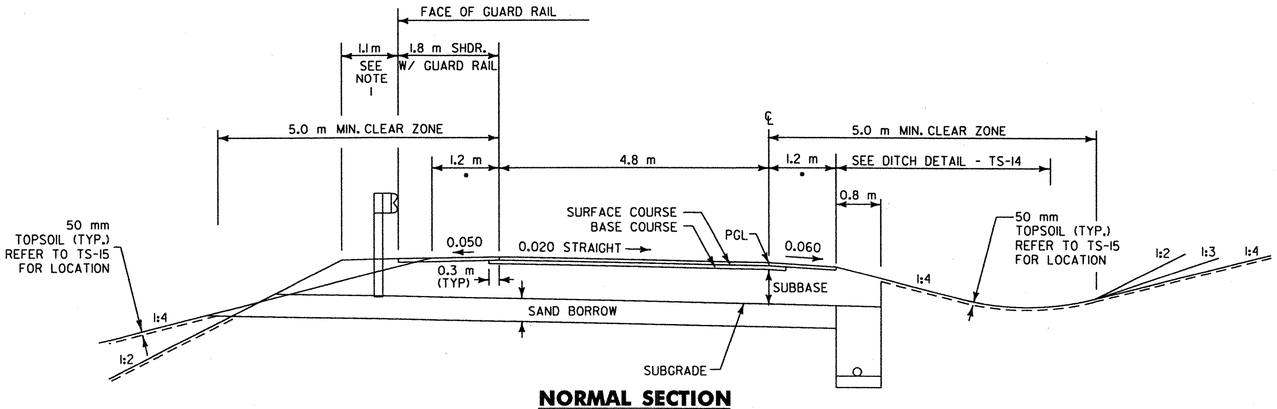
SHOULDERS: 130 mm BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

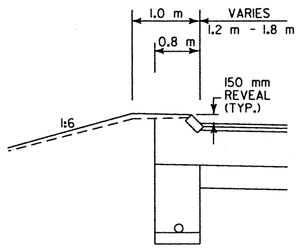
1) DESIGN FROST DEPTH - 1230 MM

NOTES:

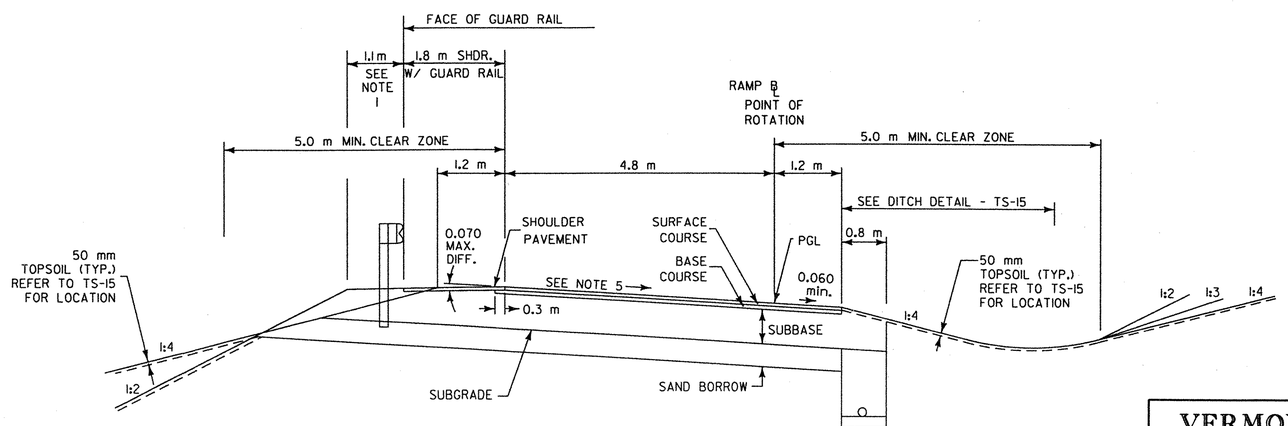
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.
4. SEE TS-14 FOR LEDGE EXCAVATION DETAIL.
5. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



NORMAL SECTION



SECTION W/SLOPE CURB
RAMPS P, Q, R, S



BANKED SECTION

SURFACE COURSE
BASE COURSE
SUBGRADE

RB

PGL = PROFILE GRADE LINE

K:\t380020 (Benn)\Highway\PlotFiles\typicals.ptf

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

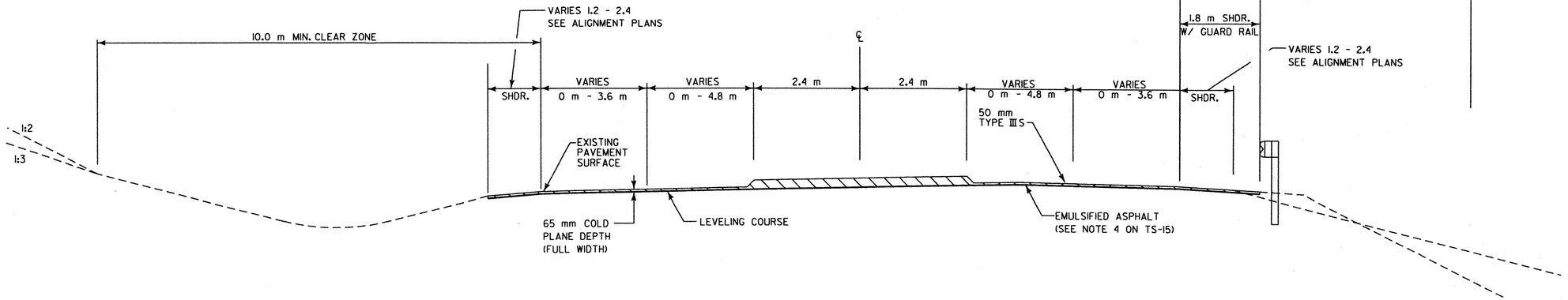
FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-06

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 8 OF 112

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm

TYPICAL SECTION
U.S. RTE. 7 CONNECTOR

65 mm SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 15 mm TYPE IVS LEVELING)



COLD PLANE SECTION

STA. CN 1+260 - CN 1+500

PGL = PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\Plotfiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-07

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 9 OF 112

K:\6380020 (Bern)\Highway\PlotFiles\typicals.ptf

TYPICAL SECTION - U.S. RTE. 7 CONNECTOR

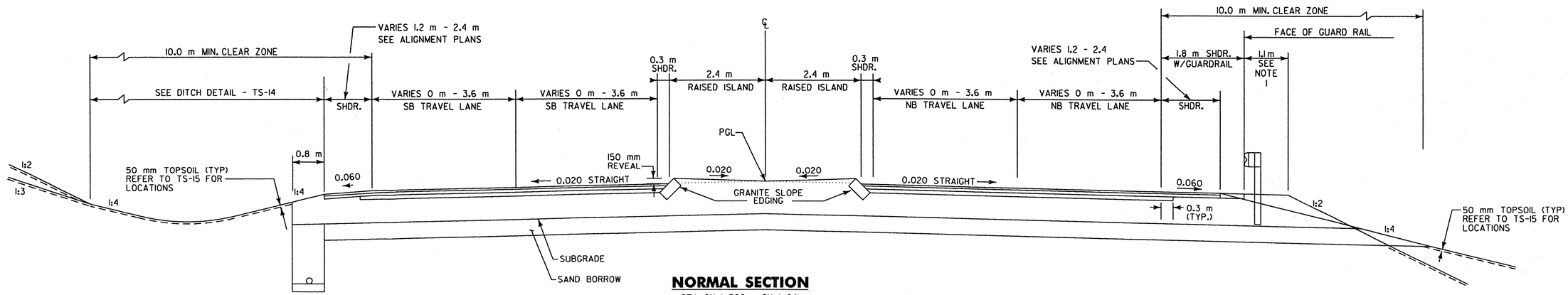
MATERIAL ITEM		THICKNESS TOLERANCE
PAVEMENT COURSES	(TOTAL DEPTH)	+/- 5 mm
BASE COURSES	(TOTAL DEPTH)	+/- 15 mm
SUBBASE		+/- 30 mm
SAND BORROW		+/- 30 mm

	130 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	600 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	400 mm	SAND BORROW
SHOULDERS:	130 mm	BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

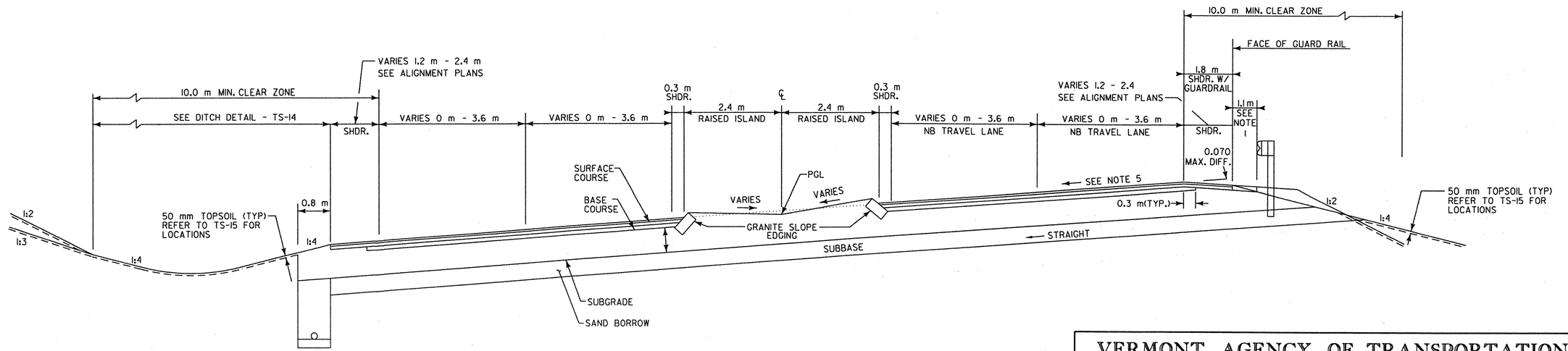
1) DESIGN FROST DEPTH - 1230 MM

NOTES:
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE VTrans STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.
4. REFER TO TS-14 FOR LEDGE EXCAVATION DETAIL.
5. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



NORMAL SECTION

STA. CN 1+500 - CN 1+641



MAXIMUM BANK SECTION

STA. CN 1+641 - CN 2+100

PGL = PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-08

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 10 OF 112

X:\63800020 (Barn)\Highway\PlotFiles\Typicals.ptf

TYPICAL SECTION - U.S. RTE. 7 CONNECTOR

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

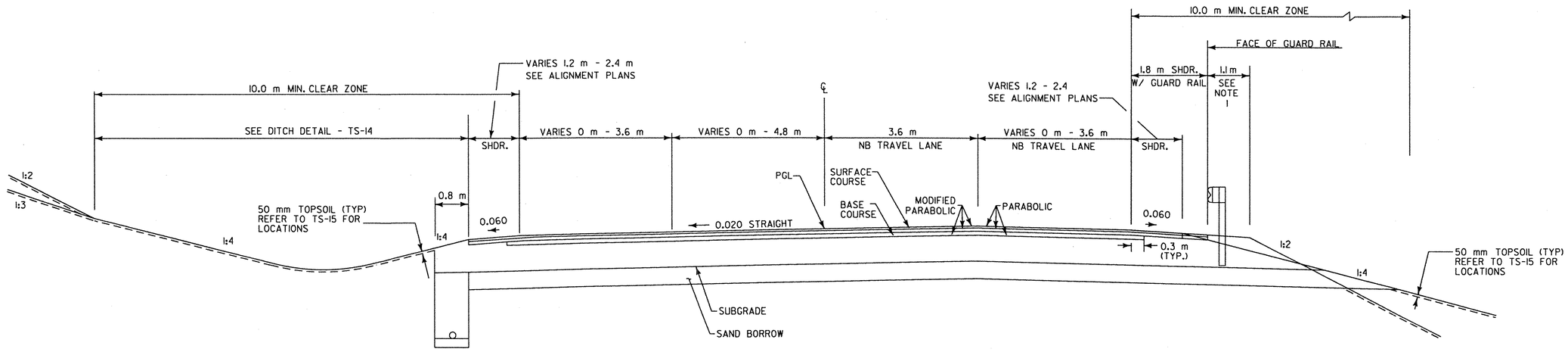
	130 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	600 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	400 mm	SAND BORROW
SHOULDERS:	130 mm	BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

1) DESIGN FROST DEPTH - 1230 MM

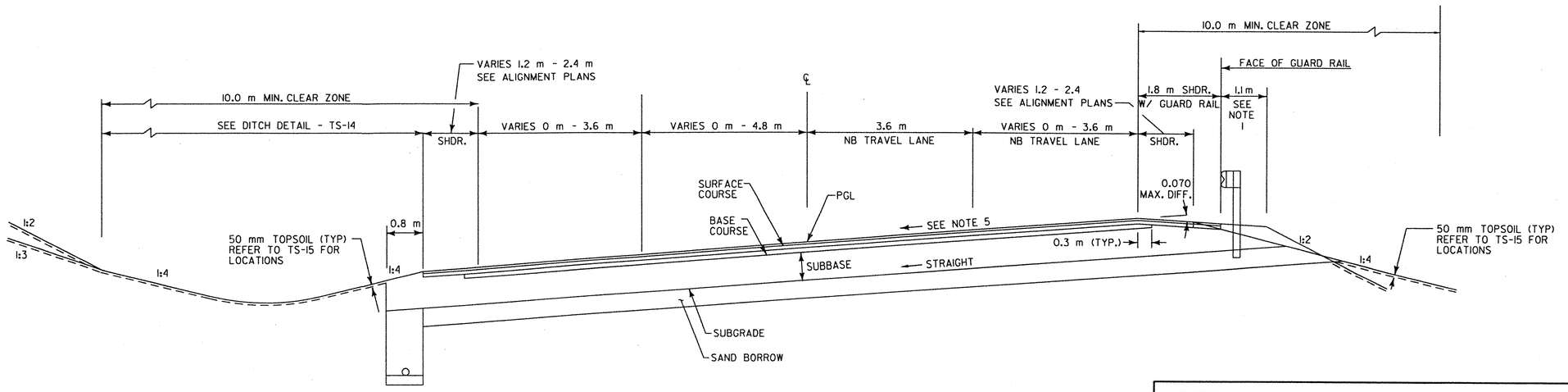
VAOT Metric

NOTES:
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE VTrans STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES AND MODIFIED PARABOLIC DETAIL.
4. REFER TO TS-14 FOR LEDGE EXCAVATION DETAIL.
5. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



NORMAL SECTION

STA. CN 2+492 - CN 2+660



MAXIMUM BANK SECTION

STA. CN 2+000 - CN 2+492

PGL = PROFILE GRADE LINE

K:\638\0020 (benn\Highway\PlotFiles\typicals.ptf

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
PLOT DATE: 11/23/2004
DESIGN SUPERVISOR: GREG EDWARDS
DRAWN BY: DUFRESNE-HENRY
DESIGNED BY: MARC FOISY
CHECKED BY: GARY SANTY
TYPICAL TS-08a
SHEET 11 OF 112

TYPICAL SECTION - COLLECTOR/DISTRIBUTOR

MATERIAL ITEM		THICKNESS TOLERANCE
PAVEMENT COURSES	(TOTAL DEPTH)	+/- 5 mm
BASE COURSES	(TOTAL DEPTH)	+/- 15 mm
SUBBASE		+/- 30 mm
SAND BORROW		+/- 30 mm

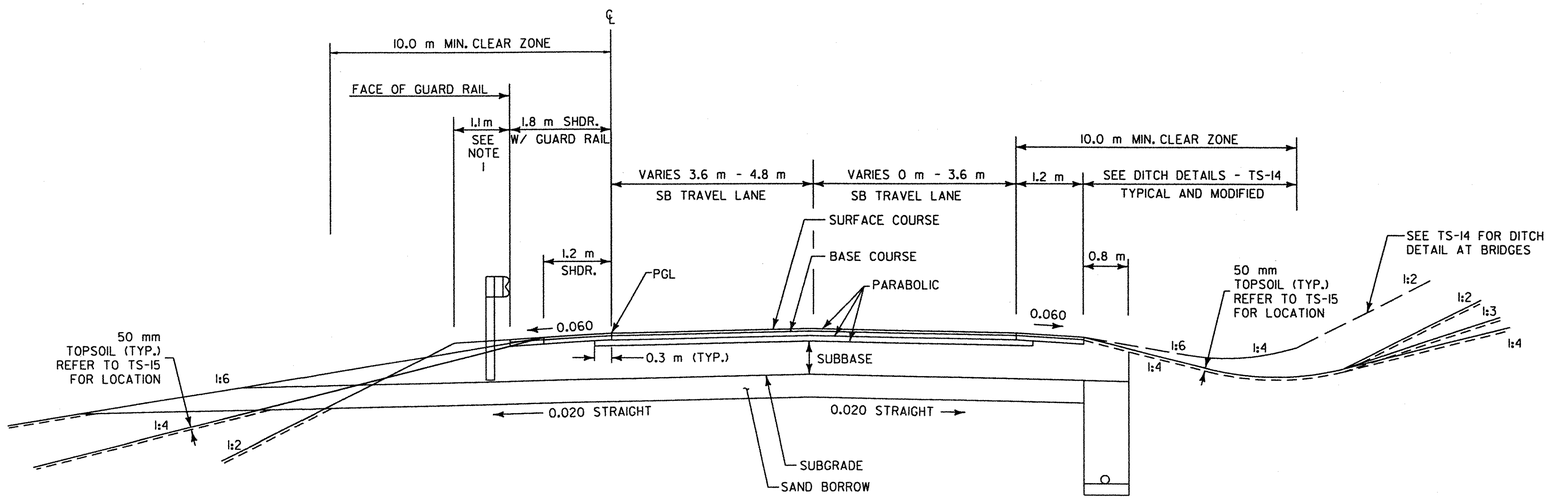
130 mm SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)
100 mm BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
600 mm SUBBASE OF DENSE GRADED CRUSHED STONE
400 mm SAND BORROW
SHOULDERS: 130 mm BITUMINOUS CONCRETE PAVEMENT (50 mm TYPE IIIS, 80 mm TYPE IIS)

NOTE:

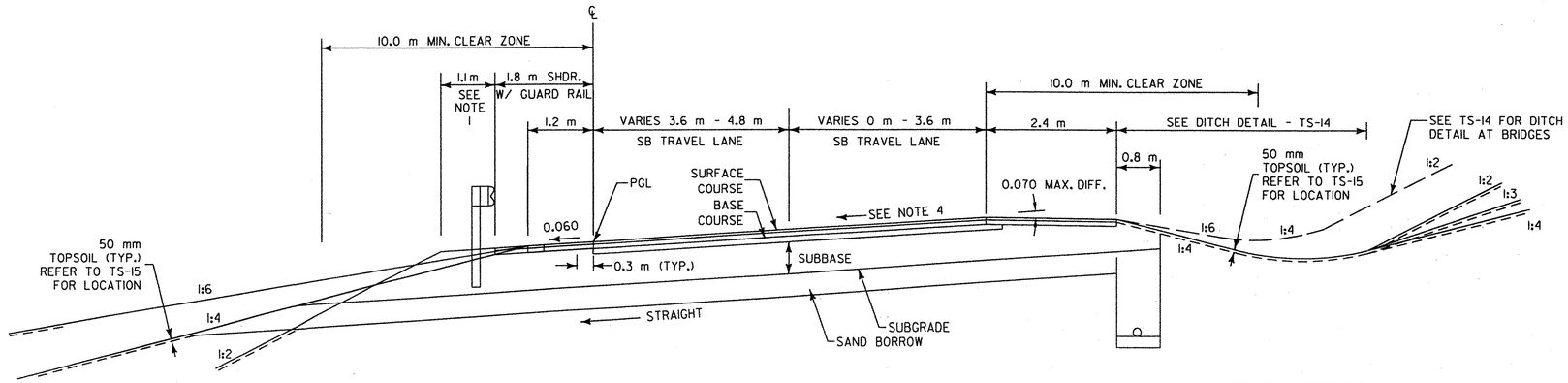
1) DESIGN FROST DEPTH - 1230 MM

NOTES:

1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES AND PARABOLIC DETAIL.
4. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



NORMAL SECTION



BANKED SECTION

SLOPE VARIES, SEE BANKING DIAGRAM ON PROFILE SHEETS.

PGL = PROFILE GRADE LINE

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VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-09

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 12 OF 112

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm

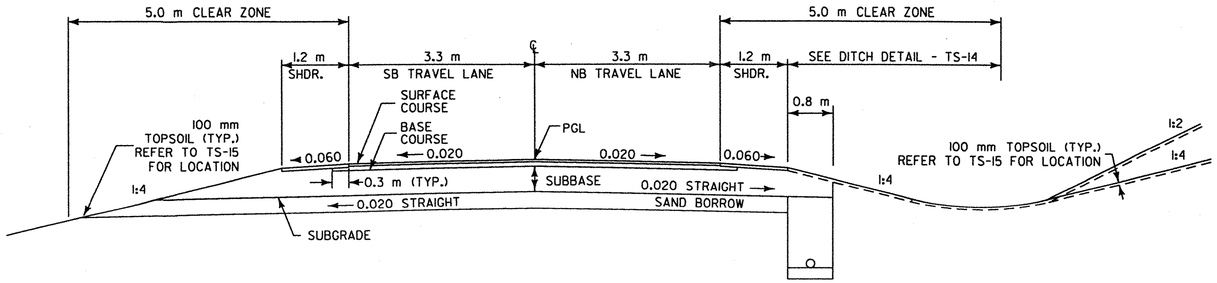
TYPICAL SECTION
CHAPEL ROAD

	50 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	450 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	300 mm	SAND BORROW
SHOULDERS:	50 mm	BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS

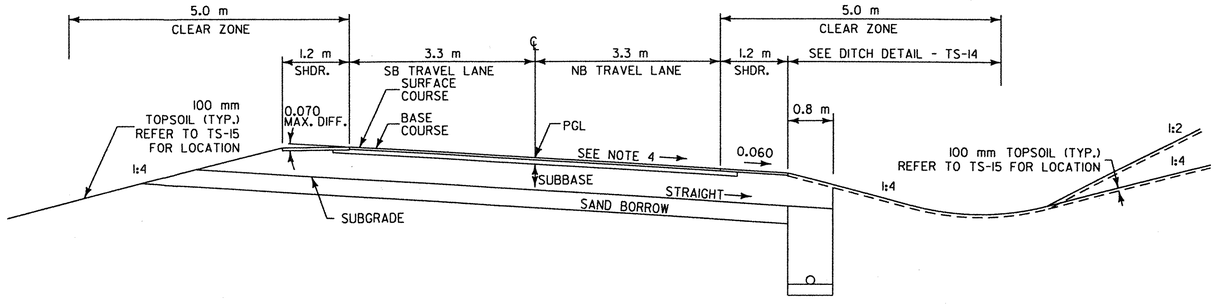
NOTE:
1) DESIGN FROST DEPTH - 585 mm

NOTES:

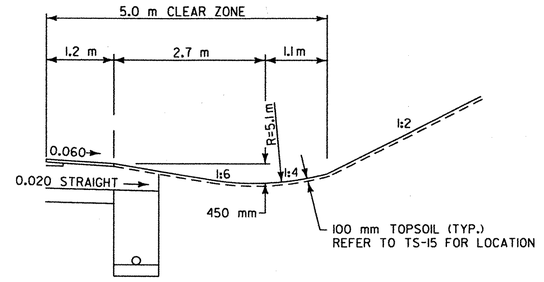
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.
4. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



NORMAL SECTION



BANKED SECTION



MODIFIED DITCH SECTION UNDER BRIDGE

STA. CH 1+360 TO STA. CH 1+440, RT.

PGL=PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-10

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 13 OF 112

X:\6380020 (Benn\Highway\PlotFiles\typicals.ptf

TYPICAL SECTION - EAST ROAD

MATERIAL ITEM		THICKNESS TOLERANCE
PAVEMENT COURSES	(TOTAL DEPTH)	+/- 5 mm
BASE COURSES	(TOTAL DEPTH)	+/- 15 mm
SUBBASE		+/- 30 mm
SAND BORROW		+/- 30 mm

	50 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS
	100 mm	BASE COURSE, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IS
	450 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
	300 mm	SAND BORROW
SHOULDERS:	50 mm	BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS

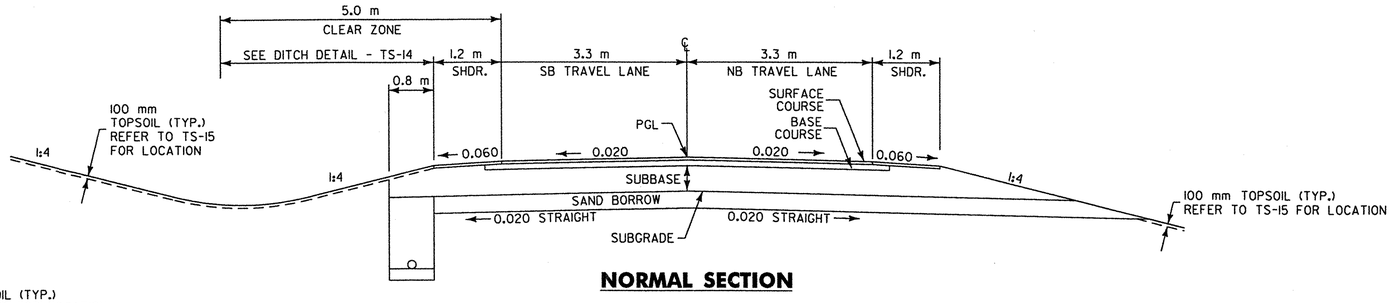
NOTE:
1) DESIGN FROST DEPTH - 585 MM

SHARED USE PATH

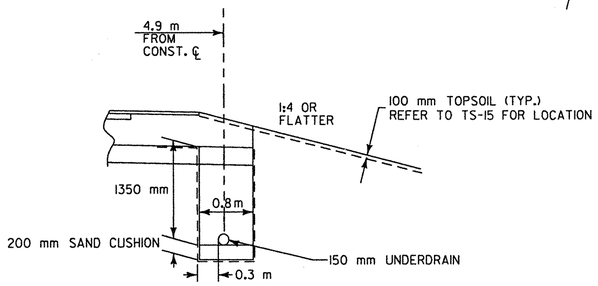
50 mm	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS
300 mm	SUBBASE OF DENSE GRADED CRUSHED STONE

NOTES:

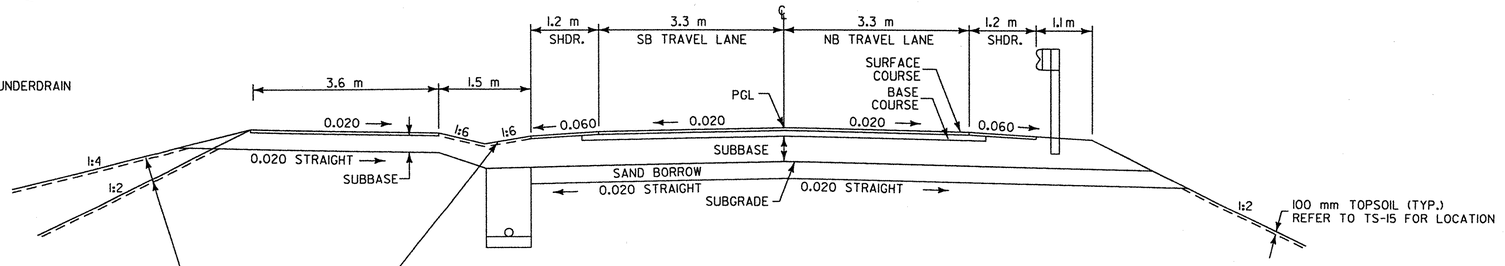
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.
4. REFER TO STANDARD SHEET A-78M FOR ADDITIONAL DETAILS OF SHARED USE PATH CONSTRUCTION.
5. SEE BANKING DIAGRAM ON PROFILES FOR CROSS SLOPE



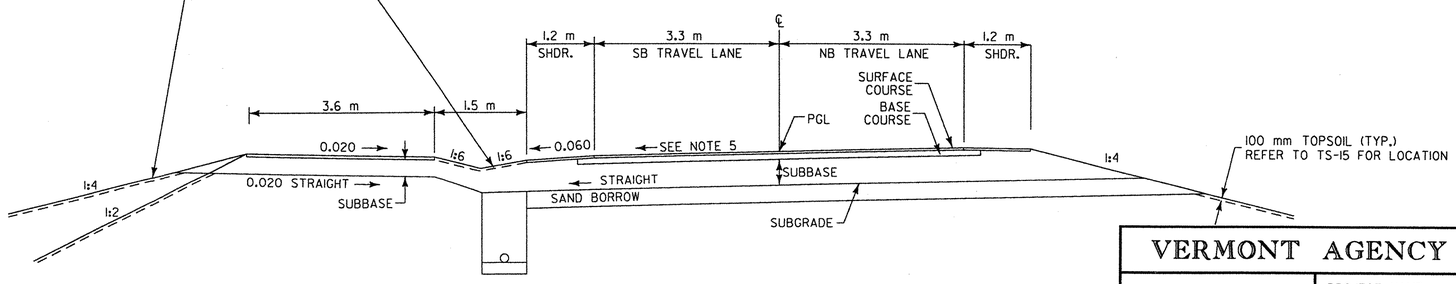
NORMAL SECTION



UNDERDRAIN DETAIL



NORMAL SECTION W/SHARED USE PATH



MAXIMUM BANKED SECTION W/SHARED USE PATH

SLOPE VARIES, SEE BANKING DIAGRAM ON PROFILE SHEETS.

PGL=PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

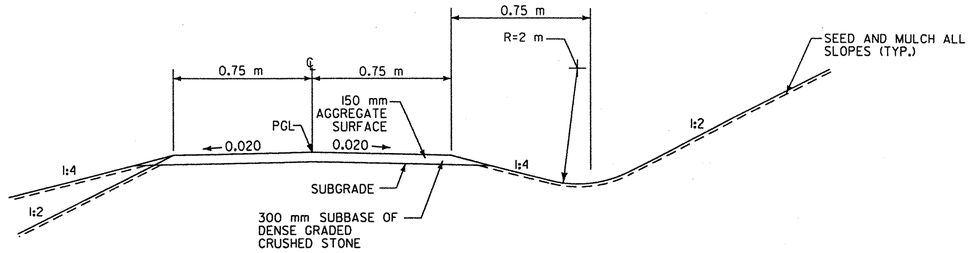
REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-11

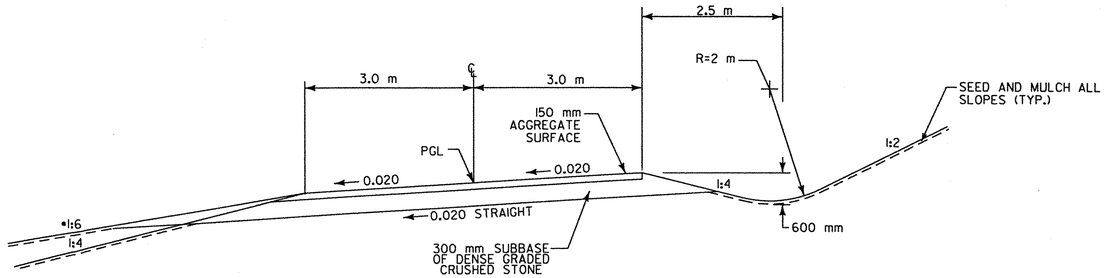
PLOT DATE: 11/9/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 14 OF 112

K:\16360020 (Benn\Highway\PlotFiles\typicals.ptf

TYPICAL SECTION
BALD MOUNTAIN TRAIL
QUARRY ACCESS DRIVE
VETERAN'S RESERVOIR DRIVE

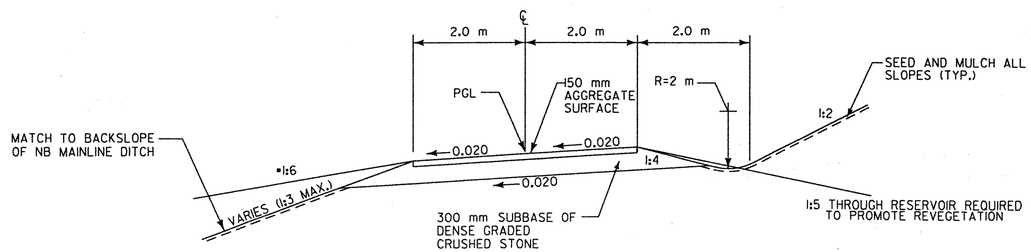


BALD MOUNTAIN TRAIL



•SIDESLOPES AT THE INTERSECTION (DITCHLINE) OF CHAPEL ROAD TO BE 1:6 OR FLATTER IN ACCORDANCE WITH STANDARD B-71M.

QUARRY ACCESS DRIVE



•SIDESLOPES AT THE INTERSECTION (DITCHLINE) OF MAINLINE TO BE 1:6 OR FLATTER IN ACCORDANCE WITH STANDARD B-71M.

VETERAN'S RESERVOIR ACCESS DRIVE

PGL=PROFILE GRADE LINE

NOTES:

1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE VTrans STD. SHEET A-60M AND A-62M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.

VAOT Metric

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-12

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 15 OF 112

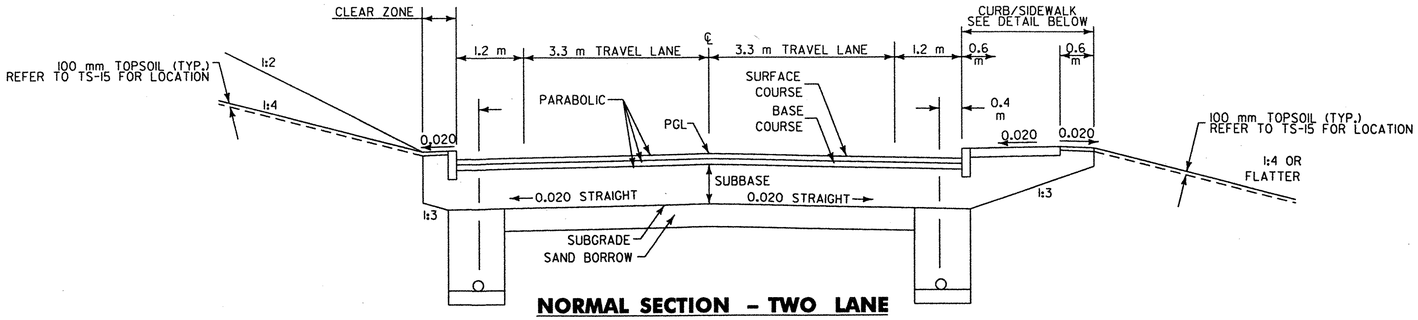
K:\A\380020 (Benn)\Highway\PlotFiles\typicals.ptf

TYPICAL SECTION-VT ROUTE 9

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	+/- 5 mm
BASE COURSES (TOTAL DEPTH)	+/- 15 mm
SUBBASE	+/- 30 mm
SAND BORROW	+/- 30 mm

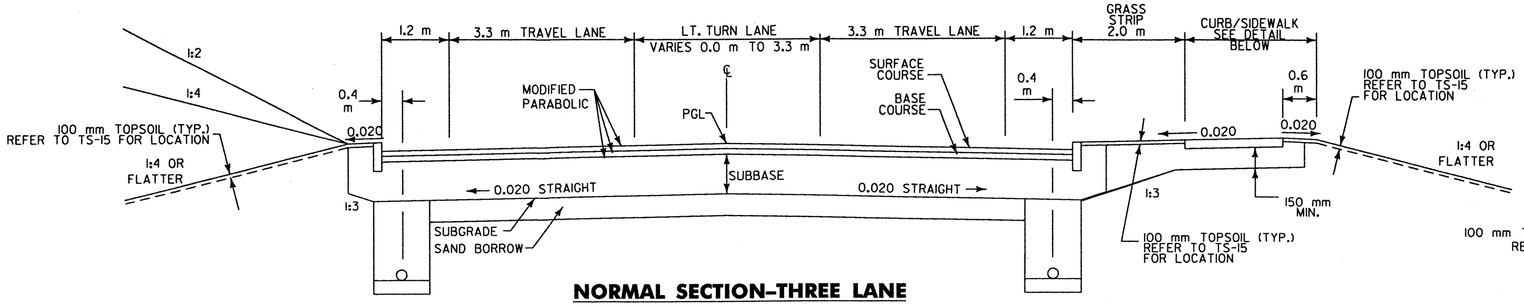
90 mm	BITUMINOUS CONCRETE PAVEMENT (40 mm TYPE IIIS, 50 mm TYPE IIS)
100 mm	BASE COURSE, BITUMINOUS CONCRETE PAVEMENT, TYPE IS
600 mm	SUBBASE OF DENSE GRADED CRUSHED STONE
400 mm	SAND BORROW
SHOULDERS: 90 mm	BITUMINOUS CONCRETE PAVEMENT (40 mm TYPE IIIS, 50 mm TYPE IIS)
100 mm	BASE COURSE, BITUMINOUS CONCRETE PAVEMENT, TYPE IS

NOTE:
1) DESIGN FROST DEPTH - 1170 MM

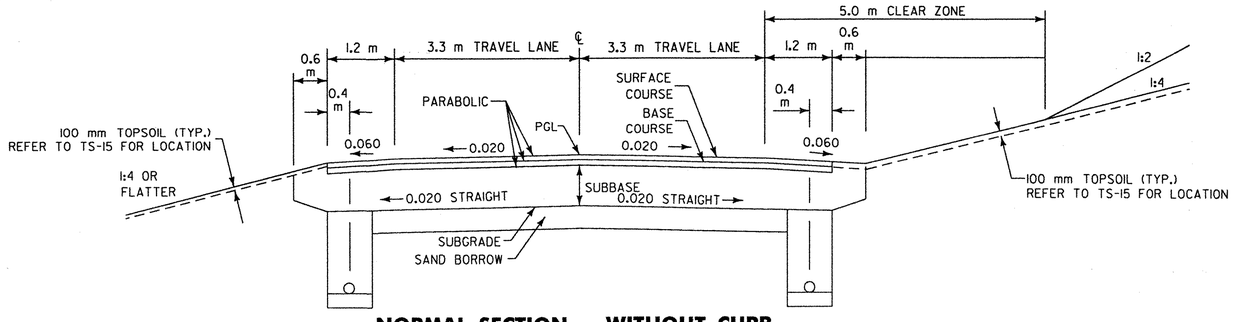


NORMAL SECTION - TWO LANE
STA. VT 1+260 - STA. VT 1+275

STA. VT 1+600 - STA. VT 1+660
BETWEEN THESE STATIONS THE SIDEWALK IS LOCATED ON THE RIGHT SIDE



NORMAL SECTION-THREE LANE
STA. VT 1+275 - STA. VT 1+600
AT STATION VT 1+460 THE SIDEWALK SWITCHES TO THE RIGHT SIDE



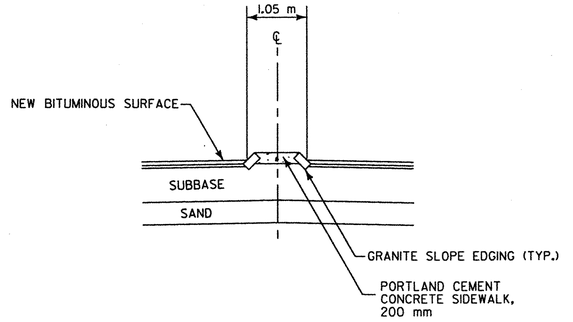
NORMAL SECTION - WITHOUT CURB
STA. VT 1+660 - STA. VT 1+819.500

PGL=PROFILE GRADE LINE

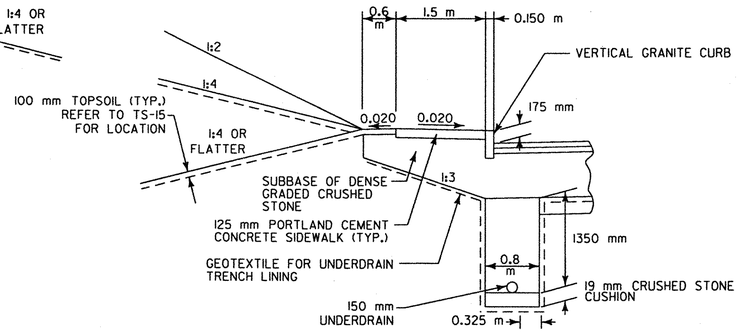
Metric

NOTES:

1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.
2. FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STD. SHEET A-60M AND DETAILS
3. REFER TO TYPICAL SECTION SHEET, TS-15 FOR SEEDING FORMULA AND ADDITIONAL GENERAL NOTES.



RAISED ISLAND DETAIL
VT 1+428.8 - VT 1+444.8



TYPICAL UNDERDRAIN, CURB AND SIDEWALK (ADJACENT TO CURB) DETAIL

K:\JOBS\20020 (Benn)\Highway\PlotFiles\typicals.ptf

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

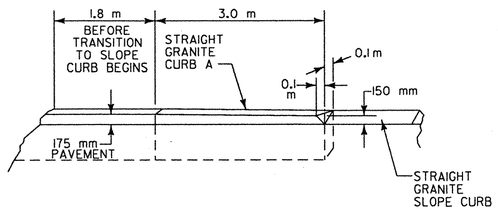
REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-13

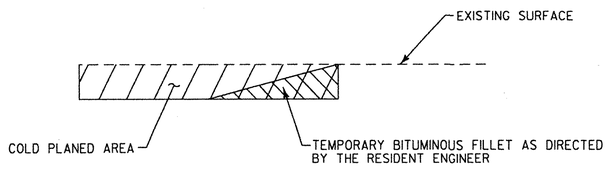
PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 16 OF 112

TYPICAL SECTIONS
MISCELLANEOUS DETAILS

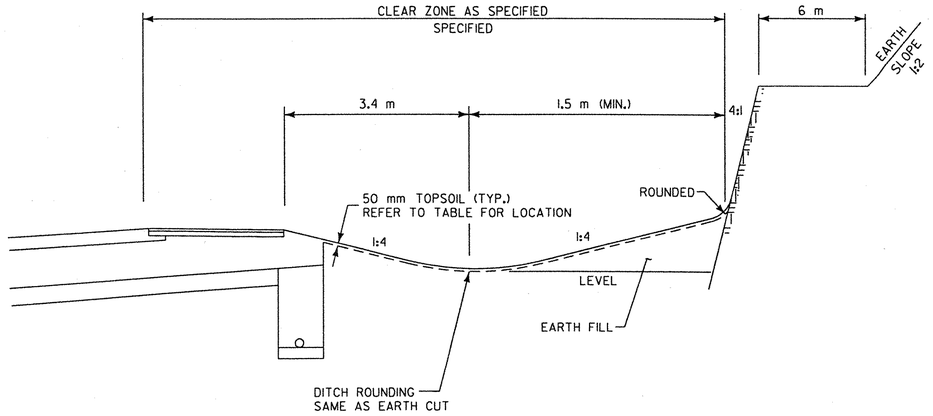
TOPSOIL LOCATIONS			
BEGIN STATION	END STATION	LOCATION	DEPTH
NB 10+100	NB 10+780	RIGHT	SEE TYPICAL
CN 10+300	CN 2+660	LEFT/RIGHT	SEE TYPICAL
A 1+040	A 1+240	LEFT/RIGHT	SEE TYPICAL
D 1+040	D 1+230	LEFT/RIGHT	SEE TYPICAL
E 1+240	E 1+320	RIGHT	SEE TYPICAL
F 1+040	F 1+180	LEFT	SEE TYPICAL
G 1+040	G 1+230	LEFT	SEE TYPICAL
P 1+000	P 1+080	LEFT/RIGHT	SEE TYPICAL
Q 1+030	Q 1+120	LEFT/RIGHT	SEE TYPICAL
R 1+500	R 1+590	LEFT/RIGHT	SEE TYPICAL
S 1+000	S 1+080	LEFT/RIGHT	SEE TYPICAL
VT 1+200	VT 1+820	LEFT/RIGHT	SEE TYPICAL
CH 1+230	CH 1+460	LEFT/RIGHT	SEE TYPICAL
ER 0+950	EA 1+345	LEFT/RIGHT	SEE TYPICAL



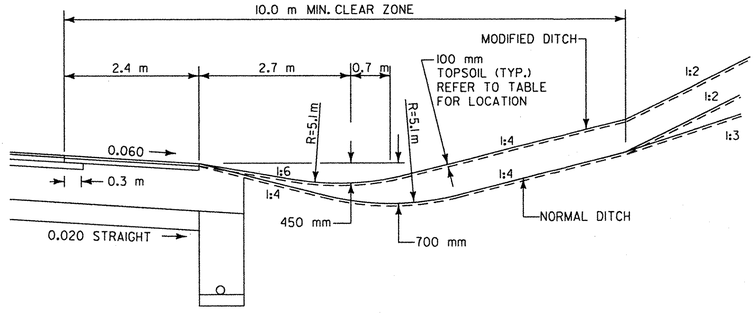
SLOPE CURB TO VERTICAL CURB TRANSITION DETAIL



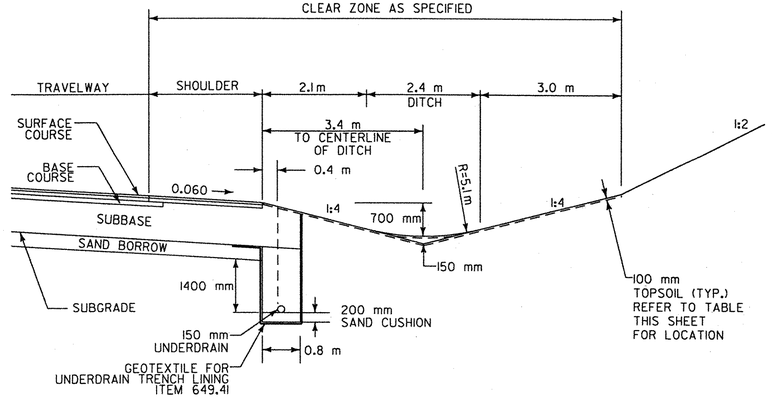
DETAIL AT VERTICAL COLD PLANE JOINTS



LEDGE CUT DETAIL



MODIFIED DITCH SECTION
NB 9+245 TO NB 9+300 RT.
CD 1+750 TO 1+900 LT.



TYPICAL UNDERDRAIN AND DITCH DETAIL
8.8–10.0 m CLEAR ZONE

PGL=PROFILE GRADE LINE

K:\16380020 Dsenn\Highway\PlotFiles\typicals.ptf

VERMONT AGENCY OF TRANSPORTATION

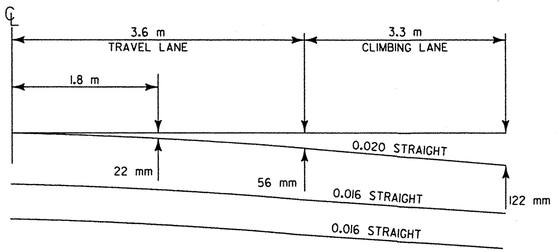
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

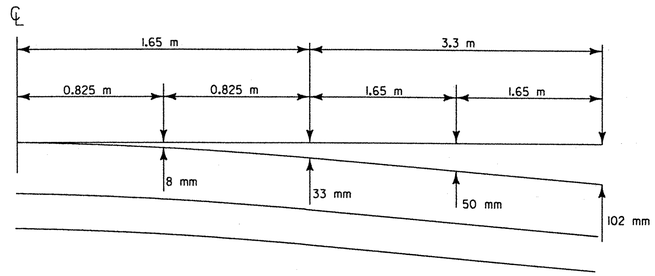
REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
TYPICAL TS-14

PLOT DATE: 11/23/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 17 OF 112



MODIFIED PARABOLIC DETAIL
NORMAL SECTION WITH CLIMBING LANE
N.T.S.



MODIFIED PARABOLIC DETAIL
FOR LEFT TURN LANE
N.T.S.

SEEDING FORMULA ITEM 651.15
RURAL AREAS

MASS	KA/HA	NAME	PUR %	GERM %
37.14	26.0	CREEPING RED FESCUE	98	85
37.14	26.0	TALL FESCUE	95	90
5.71	4.0	RED TOP	95	90
14.30	10.0	BIRDSFOOT TREFOIL	98	85
5.71	4.0	ANNUAL RYEGRASS	95	85

URBAN AREAS CONSERVATION MIX

MASS	KA/HA	NAME	PUR %	GERM %
42.2	38.0	CREEPING RED FESCUE	98	85
10.0	9.0	PERENNIAL RYEGRASS	95	90
42.2	38.0	KENTUCKY BLUEGRASS	85	85
5.6	5.0	ANNUAL RYEGRASS	95	85

SEEDING NOTES

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED TO BE APPLIED PER SEEDING FORMULA AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT RATE OF 560 KG/HA. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE TO BE APPLIED AT THE RATE OF 4500 Kg/Ha OR AS DIRECTED BY THE ENGINEER.

HAY MULCH TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 Kg/Ha OR AS DIRECTED BY THE ENGINEER.

TOPSOIL TO BE USED WITH SEED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT WEARING COURSE SHALL BE TYPE IIIS. THE ESTIMATED 15 mm LEVELING COURSE SHALL BE TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.

GRASS GROWING ADJACENT TO EXISTING PAVEMENT OR THROUGH CRACKS IN THE EXISTING PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE ENGINEER.

COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS OTHERWISE NOTED ON THE PLANS. THE COLD PLANING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE ROUTE 7 CONNECTOR AND BOTH ENDS OF THE NORTHBOUND COLD PLANE AREA AT THE NORTHERLY END OF THE PROJECT BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON TS-14.

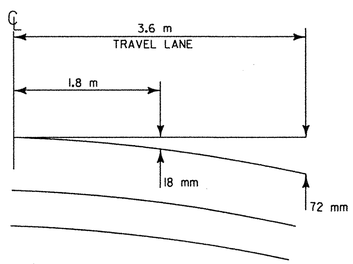
COLD PLANE GRINDINGS SHALL REMAIN THE PROPERTY OF THE STATE OF VERMONT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE ITEM DETAIL SUMMARY SHEET. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS U-TURN, RAMPS AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTACT UNIT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

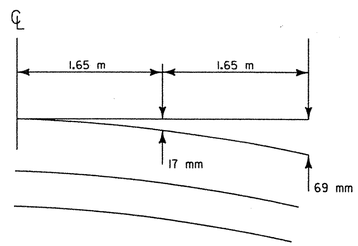
SLOPE ROUNDING --ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5M

PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN - DETAIL ON SHEET TS-14.

MARKER POSTS TO BE PLACED AS DIRECTED BY THE ENGINEER.



PARABOLIC DETAIL
NORMAL SECTION
N.T.S.



PARABOLIC DETAIL
3.3 m LANE
N.T.S.

PGL=PROFILE GRADE LINE
PGE=PROFILE GRADE LINE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Highway\PlotFiles\typicals.ptf
PLOT DATE: 11/23/2004
DESIGN SUPERVISOR: GREG EDWARDS
DRAWN BY: DUFRESNE-HENRY
DESIGNED BY: MARC FOISY
CHECKED BY: GARY SANTY
TYPICAL TS-15
SHEET 18 OF 112

K:\638020 (benn\Highway\PlotFiles\typicals.ptf

MAINLINE TIE DATA

NORTH IS COMMON TO ALL INSERTS

N

VT. STATE PLANE GRID

P.O.C. N.B. ℄ 6+020.000
N 42623.0034
E 445218.1278
0.33 m Locust
4.527 m
5.525 m
0.25 m Locust
FLAT & TACK
11.818 m
Util. Pole #912/2/4 BM# 128
Vt. Rte. 9

P.O.C. N.B. ℄ 6+120.000
N 42720.0230
E 445193.9435
0.35 m Maple
5.717 m
4.234 m
0.35 m Maple
FLAT & TACK
2.643 m
Dbl. 0.20 m Maple

P.O.C. N.B. ℄ 6+220.000
N 42815.6360
E 445164.6887
0.17 m Maple
2.166 m
0.15 m Maple
1.628 m
2.332 m
FLAT & TACK
0.12 m Maple

P.O.C. N.B. ℄ 6+320.000
N 42909.5776
E 445130.4445
0.12 m Maple
FLAT & TACK
2.647 m
3.654 m
7.309 m
0.20 m Maple
0.15 m Locust

P.O.C. N.B. ℄ 6+370.000
N 42955.8401
E 44511.4804
0.12 m Oak
3.259 m
2.635 m
0.32 m Oak
FLAT & TACK
2.131 m
0.25 m Oak
Top of Bank

P.O.C. N.B. ℄ 6+500.000
N 43073.6335
E 445056.5429
High Tension Lines
FLAT & TACK
12.131 m
0.52 m Pine
16.012 m
11.983 m
0.64 m Pine
0.35 m Pine

P.T. N.B. ℄ 6+573.044
N 43138.0842
E 445022.1796
0.24 m B. Birch
0.13 m Maple
2.876 m
1.765 m
2.552 m
0.25 m Y. Birch

P.O.T. N.B. ℄ 6+785.000
N 43323.1657
E 444918.8824
Elec. Pole
20.662 m
23.090 m
(NO #)
Elec. Pole #A
21.715 m
Elec. Pole #5

P.C. N.B. ℄ 6+904.791
N 43427.7680
E 444860.5020
0.013 m Rerod
3.407 m
0.013 m Rerod
2.795 m
1.183 m
0.013 m Rerod

P.O.C. N.B. ℄ 6+940.000
N 43458.7820
E 444843.8379
0.15 m Maple
6.756 m
0.18 m Maple
2.089 m
3.313 m
0.15 m Oak

P.O.C. N.B. ℄ 7+040.000
N 43549.5808
E 444802.0206
0.45 m Maple
5.177 m
0.725 m
3.724 m
0.20 m Elm
0.20 m Elm

P.O.C. N.B. ℄ 7+140.000
N 43643.8010
E 444768.6191
2.675 m
0.17 m Maple
3.310 m
0.25 m Ash
6.369 m
0.40 m Ash

P.O.C. N.B. ℄ 7+260.000
N 43760.2843
E 444740.0295
0.40 m Ash
12.015 m
0.50 m Maple
11.979 m
10.174 m
0.17 m Beech

P.O.C. N.B. ℄ 7+380.000
N 43879.1879
E 444724.2919
0.18 m Elm
10.229 m
0.37 m Tree
7.300 m
9.540 m
0.20 m Elm

P.T. N.B. ℄ 7+479.161
N 43978.2646
E 444721.1230
0.013 m Rerod
1.477 m
1.775 m
0.013 m Rerod
18.485 m
Util. Pole #11

P.O.T. N.B. ℄ 7+657.446
N 44156.5343
E 444723.4586
0.15 m Ash
0.14 m Ash
2.794 m
2.656 m
0.10 m Ash
2.970 m

P.C. N.B. ℄ 7+778.091
N 44277.1693
E 444725.0391
0.25 m Ash
16.254 m
16.720 m
0.20 m Maple
15.953 m
0.20 m Ash

P.O.C. N.B. ℄ 7+940.000
N 44437.2298
E 444704.4892
0.25 m Ash
4.865 m
10.685 m
0.28 m Ash
14.170 m
0.40 m Ash

P.O.C. N.B. ℄ 8+060.000
N 44548.7833
E 444660.8585
0.30 m Poplar
0.26 m Poplar
5.081 m
2.974 m
1.370 m
0.30 m Poplar

P.O.C. N.B. ℄ 8+160.000
N 44633.1821
E 444607.4576
2.494 m
0.40 m Poplar
0.909 m
3.917 m
0.20 m Poplar
0.30 m Poplar

P.O.C. N.B. ℄ 8+250.000
N 44700.2187
E 444547.5438
5.136 m
0.12 m Ash
4.946 m
1.840 m
0.19 m Apple
0.16 m Ash

P.O.C. N.B. ℄ 8+340.000
N 44757.0956
E 444477.9133
Elec. Pole #A
Elec. Pole #17
Comb. Pole #47/10/24
5.022 m
8.172 m
18.598 m

P.O.C. N.B. ℄ 8+495.000
N 44827.3398
E 444340.2703
6.435 m
0.39 m Pine
2.288 m
1.372 m
0.29 m Pine
0.28 m Pine

P.O.C. N.B. ℄ 8+580.000
N 44849.4331
E 444258.2718
0.24 m Maple
6.855 m
9.106 m
5.774 m
0.34 m Maple
0.15 m Maple

P.O.C. N.B. ℄ 8+664.000
N 44859.1658
E 444174.9127
B.M. #144 Pine
3.335 m
0.15 m Oak
4.896 m
0.930 m
0.10 m Hemlock Stump

P.T. N.B. ℄ 8+688.832
N 44859.7019
E 444150.0883
0.17 m Maple
4.132 m
0.12 m Pine Stump
6.163 m
1.848 m
0.19 m Pine

P.O.T. N.B. ℄ 8+763.114
N 44859.7019
E 444075.8064
(2) 0.27 m Maples
7.142 m
6.256 m
6.621 m
0.25 Maple
0.34 m Pine

P.O.T. N.B. ℄ 8+890.558
N 44859.7019
E 443948.3624
0.37 m Maple
3.082 m
6.300 m
4.225 m
0.30 m Maple
0.25 m Maple

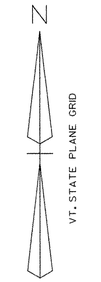
CONTROL TIE SHEET CT-1

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 07-28-05
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 19 OF 112

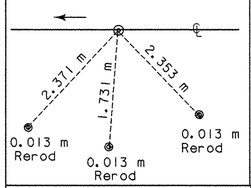
SIDE ROAD TIE DATA

VAOT Metric

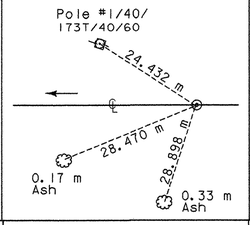
NORTH IS COMMON TO ALL INSERTS



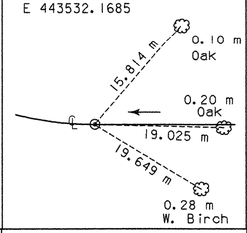
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E 443850.3614



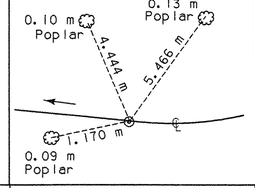
P. O. T. N. B. ℄ 9+260.000
N 44859.7019
E 443578.9204



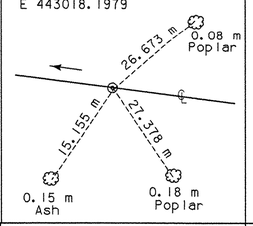
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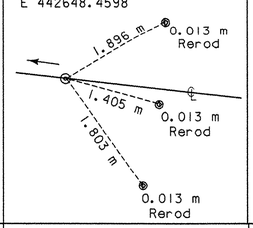
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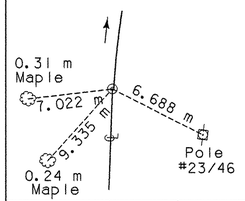
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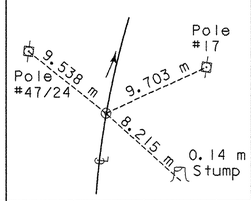
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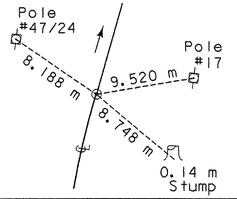
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E 444456.7224



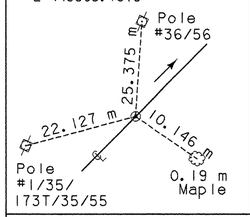
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NB P. O. C. ℩ 8+350.609
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E 444469.1418



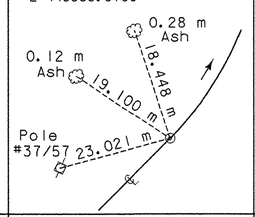
CHP P. T. ℄ 1+385.090
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E 444469.5841



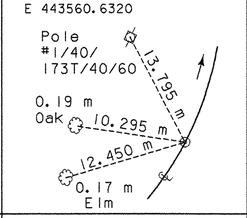
PRK P. O. T. ℄
1+000.000 (old)
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E 443503.1875



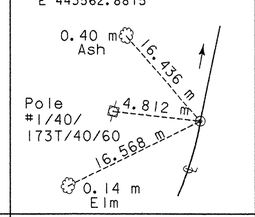
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E 443535.9799



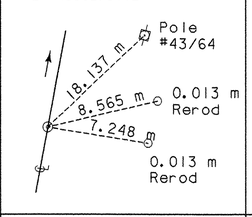
PRK P. O. C. ℄
1+195.363 (old) =
NB P. O. T. ℩ 9+277.377
N 44859.8966
E 443560.6320



PRK P. T. ℄
1+208.753 (old)
N 44873.0962
E 443562.8815



PRK P. O. T. ℄
1+362.833 (old)
N 45025.9140
E 443582.5172



CONTROL TIE SHEET CT-2

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

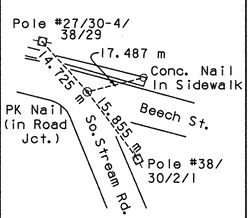
PLOT DATE: 07-28-05
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 20 OF 112

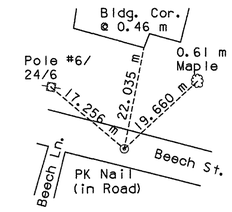
G.P.S. TIE DATA

VTrans Metric

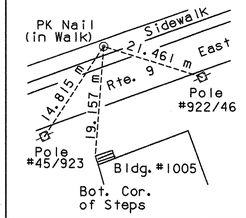
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E 444671.6800



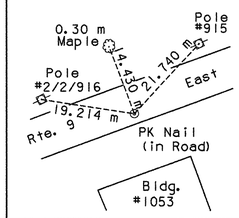
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E 444907.4860



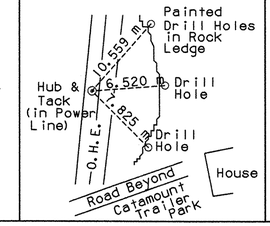
G.P.S. 904



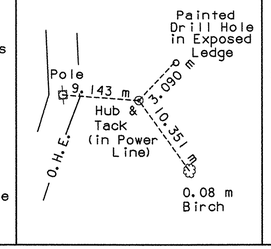
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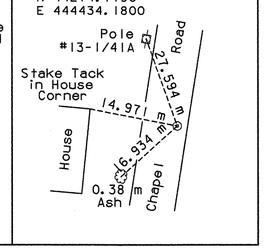
G.P.S. 906



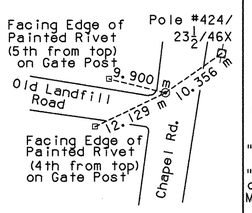
G.P.S. 907



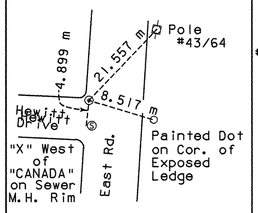
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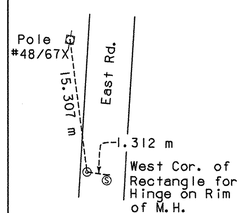
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E 444457.5660



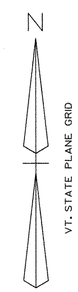
G.P.S. 910
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E 443579.0770



G.P.S. 911



NORTH IS
COMMON TO
ALL INSERTS

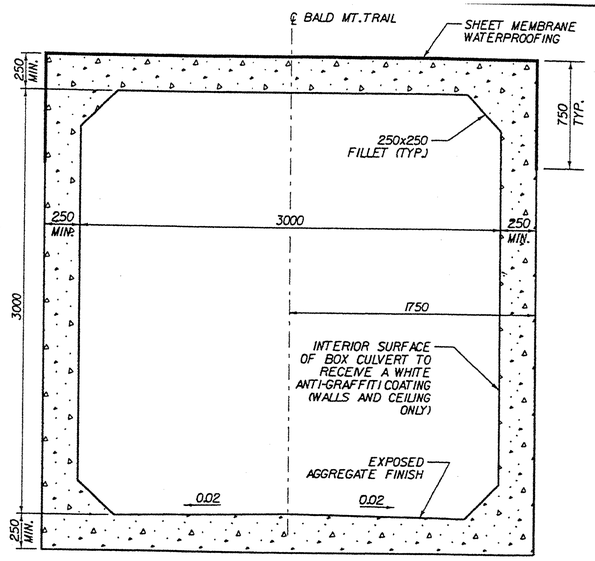


VERMONT STATE PLANE COORDINATES
BOUNDS TO BE SET

LEFT SIDE OF PROJECT CENTERLINE				RIGHT SIDE OF PROJECT CENTERLINE			
STATION	OFFSET	NORTHING	EASTING	STATION	OFFSET	NORTHING	EASTING
NB 6+013.05	84.93 LT	42598.15	445136.63	NB 6+027.96	110.89 RT	42655.21	445324.56
NB 6+032.00	58.00 LT	42621.81	445158.95	NB 6+082.64	108.50 RT	42710.87	445308.68
NB 6+052.59	46.20 LT	42644.00	445165.88	NB 6+081.49	67.65 RT	42699.57	445269.40
NB 6+193.57	59.81 LT	42772.31	445115.93	NB 6+470.80	77.19 RT	43081.44	445138.91
NB 6+321.28	102.76 LT	42872.99	445034.41	NB 6+585.53	77.23 RT	43186.62	445083.53
NB 6+400.32	75.00 LT	42953.19	445030.85	NB 6+669.66	128.60 RT	43285.12	445087.39
NB 6+647.29	75.01 LT	43166.36	444920.49	NB 6+711.55	58.12 RT	43287.35	445005.43
NB 6+781.76	60.00 LT	43291.10	444868.07	NB 6+939.81	66.48 RT	43489.15	444902.97
NB 7+006.33	50.31 LT	43498.22	444769.18	NB 7+090.71	38.06 RT	43609.68	444819.90
NB 7+180.00	80.00 LT	43661.80	444680.35	NB 7+099.60	46.24 RT	43620.45	444824.80
NB 7+240.00	80.00 LT	43724.43	444665.58	NB 7+413.47	88.31 RT	43916.71	444810.43
NB 7+325.00	82.00 LT	43814.09	444648.56	NB 7+417.39	30.00 RT	43917.80	444752.02
NB 7+423.63	78.00 LT	43919.83	444643.85	NB 7+660.98	15.37 RT	44159.87	444738.88
NB 7+664.02	67.00 LT	44163.99	444656.55	NB 7+660.84	20.76 RT	44159.66	444744.26
NB 7+778.09	55.00 LT	44277.89	444670.04	NB 7+778.10	20.76 RT	44276.91	444745.80
NB 8+174.51	55.00 LT	44610.18	444555.63	NB 8+368.11	35.40 RT	44802.58	444473.18
NB 8+316.47	53.11 LT	44700.93	444464.92	NB 8+472.26	58.53 RT	44873.83	444383.10
NB 8+337.48	50.10 LT	44714.62	444451.24	NB 8+638.73	84.18 RT	44941.38	444207.45
NB 8+352.45	57.00 LT	44716.56	444436.14	NB 8+636.42	45.00 RT	44902.13	444206.53
NB 8+486.82	57.00 LT	44771.06	444328.35	NB 8+838.00	45.00 RT	44904.70	444000.92
NB 8+477.82	83.63 LT	44743.35	444326.39	NB 8+915.00	72.00 RT	44931.70	443923.92
NB 8+645.67	93.60 LT	44764.75	444186.19	NB 8+980.00	86.00 RT	44945.70	443858.92
NB 8+638.74	85.99 LT	44770.86	444192.64	NB 9+060.00	86.00 RT	44945.70	443778.92
NB 8+738.70	72.50 LT	44787.20	444100.22	NB 9+120.00	75.00 RT	44934.70	443718.93
NB 9+217.29	72.50 LT	44787.20	443621.63	NB 9+139.04	69.92 RT	44929.63	443699.88
NB 9+211.27	57.48 LT	44802.22	443627.65	NB 9+140.37	39.95 RT	44899.65	443698.56
NB 9+277.54	51.92 LT	44807.84	443561.02	NB 9+263.32	49.91 RT	44909.62	443575.65

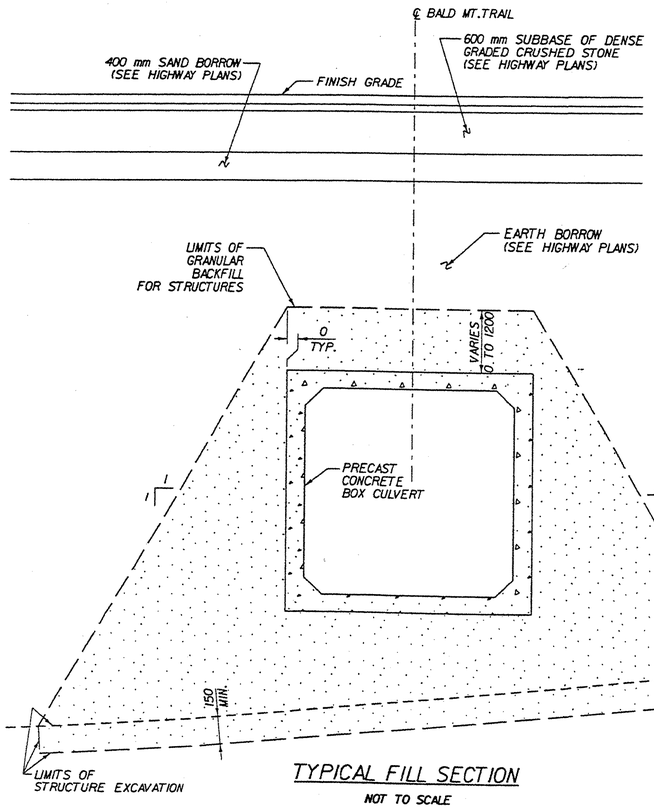
CONTROL TIE SHEET CT-3

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 11-14-05
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 21 OF 112



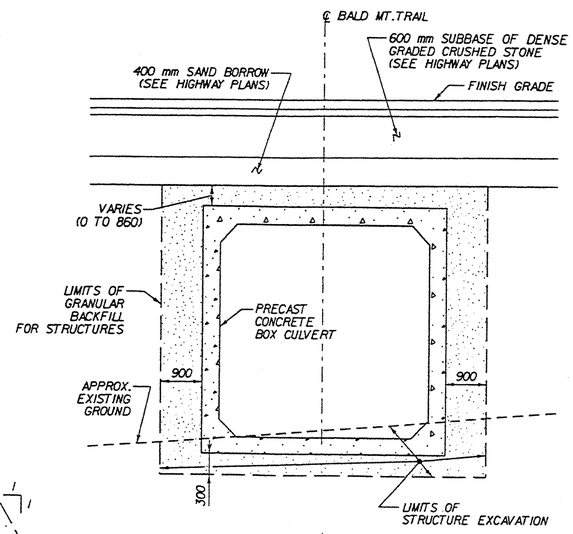
PRECAST CONCRETE BOX CULVERT TYPICAL SECTION

SCALE - 1:20



TYPICAL FILL SECTION

NOT TO SCALE



TYPICAL CUT SECTION

NOT TO SCALE

INDEX OF SHEETS

BR300 PRELIMINARY INFORMATION SHEET
BR301 PLAN AND PROFILE
BR302-303 BORING INFORMATION SHEETS
BR304-305 BORING LOGS

NOTE:

ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

FINAL HYDRAULICS REPORT

Metric (NAD83)

HYDROLOGIC DATA

DRAINAGE AREA=
CHARACTER OF TERRAIN:
CHARACTER & TYPE OF STREAM:
NATURE OF STREAMBED:

Q2.33= ___ cms Q50= ___ cms
Q10= ___ cms Q100= ___ cms
Q25= ___ cms Q500= ___ cms

DATE OF FLOOD OF RECORD:
WATER SURFACE ELEV.: ___ ESTIMATED DISCHARGE:
NATURAL STREAM VELOCITY @ Q50 = ___ mps
ICE CONDITIONS: ___ DEBRIS:
DOES THE STREAM REACH MAXIMUM HIGHWATER ELEVATION RAPIDLY?
IS ORDINARY RISE RAPID?
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS?
IF YES, DESCRIBE.

WATERSHED STORAGE ___ HEADWATERS ___ UNIFORM THROUGHOUT WATERSHED ___ IMMEDIATELY ABOVE SITE ___

EXISTING STRUCTURE

STRUCTURE TYPE: N/A YEAR BUILT: N/A
CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A
DISPOSITION OF STRUCTURE: N/A

TYPE OF MATERIAL UNDER SUBSTRUCTURE: N/A

WATER SURFACE ELEV. @ Q2.33= ___ VELOCITY= ___ mps
Q10= ___ " = ___ mps
Q25= ___ " = ___ mps
Q50= ___ " = ___ mps
Q100= ___ " = ___ mps

LONG TERM STREAM BED CHANGES: N/A

IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A FREQUENCY: N/A
RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A

UPSTREAM STRUCTURE: TOWN: N/A DISTANCE:
HIGHWAY NO.: STRUCTURE NO.:
STRUCTURE TYPE:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:

* DOWNSTREAM STRUCTURE: TOWN: N/A DISTANCE:
HIGHWAY NO.: STRUCTURE NO.:
STRUCTURE TYPE:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:

* (COMPLETE INFORMATION WILL BE PROVIDED ON FINAL PLANS)

PROPOSED STRUCTURE

STRUCTURE TYPE: Precast concrete box underpass

CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A

WATER SURFACE ELEV. @ Q2.33= ___ VELOCITY= ___ mps
Q10= ___ " = ___ mps
Q25= ___ " = ___ mps
Q50= ___ " = ___ mps
Q100= ___ " = ___ mps

IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A FREQUENCY: N/A
RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A

AVERAGE LOW ELEVATION OF SUPERSTRUCTURE:
VERTICAL CLEARANCE @ Q 100 = ___ m

SCOUR: Channel = N/A
REQUIRED CHANNEL PROTECTION: N/A

PERMIT INFORMATION

AVERAGE DAILY FLOW: N/A
ORDINARY LOW WATER: ___ cms ELEV.:
ORDINARY HIGH WATER: ___ cms ELEV.:

TEMPORARY BRIDGE REQUIREMENTS

STRUCTURE TYPE: N/A
CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A

DESIGN CRITERIA:
1. DESIGN LIVE LOAD AASHTO MS-22.5
2. DESIGN SPAN 3 METERS
3. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL 290 kPa ON LEDGE N/A
4. ALLOWABLE LOAD FOR PILING N/A TYPE N/A ESTIMATED LENGTH N/A
5. STRUCTURAL STEEL AASHTO GRADE N/A
6. REINFORCING STEEL GRADE 420
7. CONCRETE, HIGH PERFORMANCE CLASS A f'_c : 30 MPA
   CONCRETE, HIGH PERFORMANCE CLASS B f'_c : 25 MPA

TRAFFIC MAINTENANCE:
1. IS TRAFFIC TO BE MAINTAINED? NO IF YES, ON EXISTING STRUCTURE N/A OR ON TEMPORARY BRIDGE N/A
2. TEMPORARY BRIDGE REQUIREMENTS: ONE OR TWO WAY N/A TRAFFIC CONTROL SIGNALS REQUIRED N/A
   MINIMUM CLEAR SPAN (NORMAL TO STREAM): N/A VERTICAL CLEARANCE ABOVE STREAMBED: N/A
   WATERWAY AT FULL OPENING: N/A
   ARE SIDEWALKS REQUIRED? N/A IF SO, ON WHAT SIDE? N/A

LOAD RATING (TONS)

LOADING LEVELS (LOAD FACTOR)	TRUCK						
	H	HS	3S2	6 AXLE	3A. STR.	4A. STR.	5A. SEMI
INVENTORY A = 2.17							
POSTED A = 1.55							
OPERATING A = 1.30							

$RF = \frac{\phi M_N - 1.3\, M_{DL}}{A \times M_{LL+I}}$

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta.
	Surv. Sta.

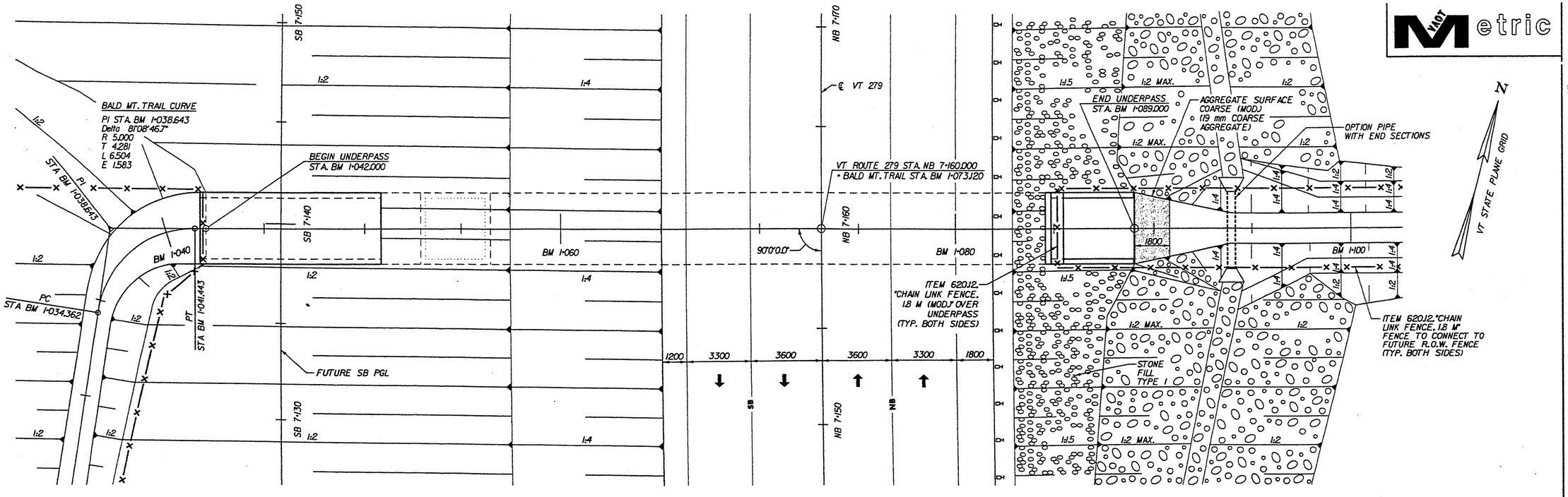
VT ROUTE 279 OVER BALD MT. TRAIL

PRELIMINARY INFORMATION SHEET

Designed By S. BURBANK	Drawn By S. BURBANK
Checked By M. CHENETTE Date 11/04	Bridge Design Supervisor G. BOGUE Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
DH CAD Drawing Name: ...\PlotFiles\BM\BM-Prelim.prf Date: 11/12/2004	
Bridge Sheet No. BR300	Sheet 22 of 112

Dufresne-Henry

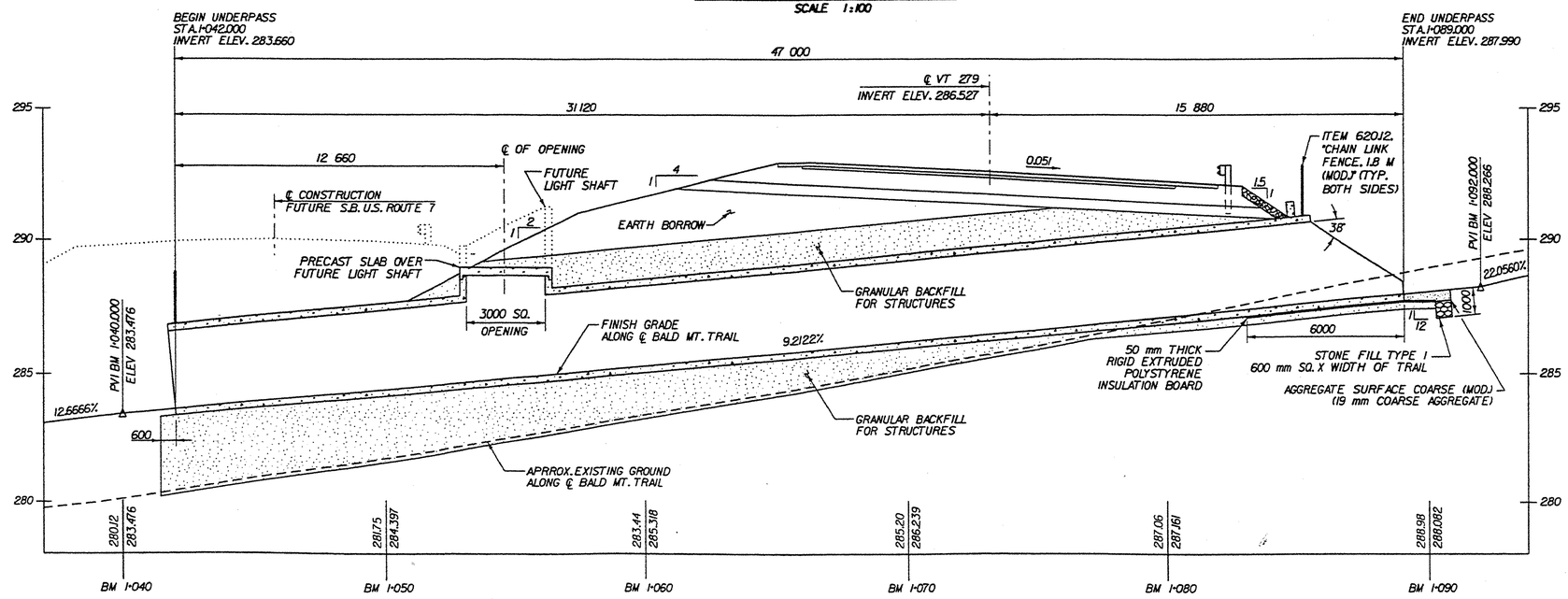
K:\638020 (Benn\Structures\PlotFiles\BM\BM-Plan1.prf



PLAN

0 2 4 6 8 10 m

SCALE 1:100



BALD MT. TRAIL PROFILE

0 2 4 6 8 10 m

SCALE 1:100

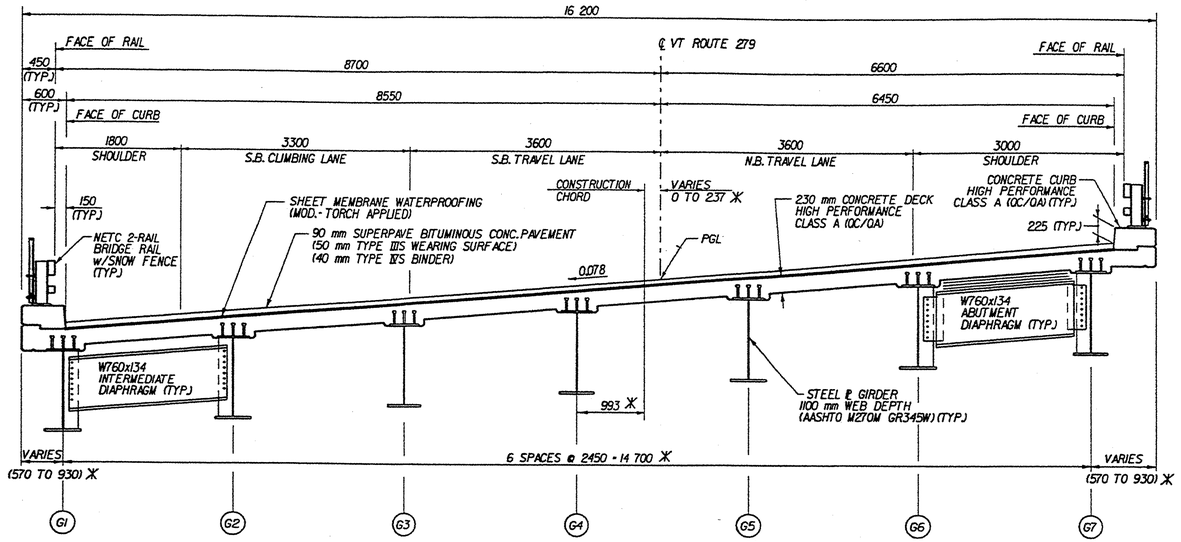
NOTE: ELEVATIONS SHOWN TO THE NEAREST HUNDREDTH ARE EXISTING GROUND.
ELEVATIONS SHOWN TO THE NEAREST THOUSANDTH ARE FINISH GRADE.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta. / Surv. Sta.
VT ROUTE 279 OVER BALD MT. TRAIL	
PLAN AND PROFILE	
Designed By S. BURBANK	Drawn By
Checked By M. CHENETTE Date 11/04	Bridge Design Supervisor G. BOGUE Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
DH CAD Drawing Name: ...\PlotFiles\BM\BM-plan.plt Plot Date: 11/17/2004	
Bridge Sheet No. BR301	Sheet 23 of 112

Dufresne-Henry

K:\638020 (Benn\Structures\PlotFiles\BM\BM-plan.plt

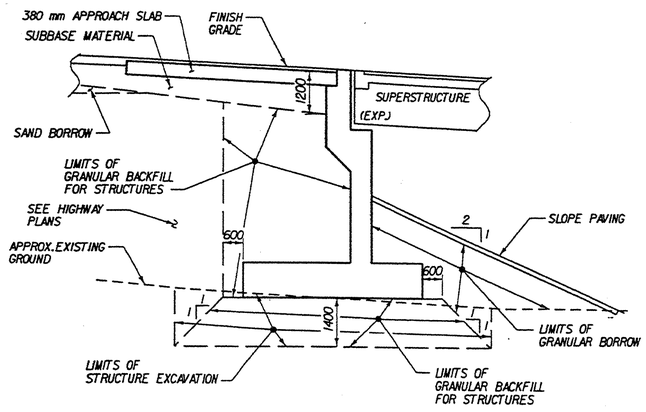


X DIMENSIONS NOT RADIAL

NOTE: ALL DIMENSIONS ARE RADIAL AND CONCENTRIC WITH ℄ OF CONSTRUCTION UNLESS NOTED OTHERWISE.

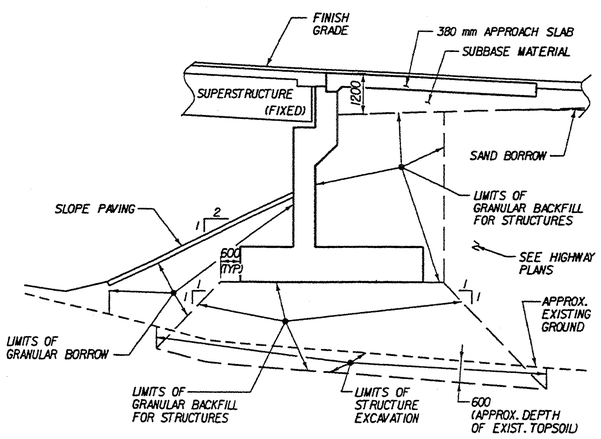
BRIDGE TYPICAL SECTION

SCALE 1:40



TYPICAL ABUTMENT 1 SECTION

NOT TO SCALE



TYPICAL ABUTMENT 2 SECTION

NOT TO SCALE

INDEX OF SHEETS

BR400	PRELIMINARY INFORMATION SHEET
BR401	GENERAL PLAN AND ELEVATION
BR402-403	BORING INFORMATION SHEETS
BR404-409	BORING LOGS

NOTE:

ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

FINAL HYDRAULICS REPORT

VAOT Metric

HYDROLOGIC DATA

DRAINAGE AREA=
CHARACTER OF TERRAIN=
CHARACTER & TYPE OF STREAM=
NATURE OF STREAMBED:

Q2.33= cms Q50= cms
Q10= cms Q100= cms
Q25= cms Q500= cms

DATE OF FLOOD OF RECORD:
WATER SURFACE ELEV.: ESTIMATED DISCHARGE:
NATURAL STREAM VELOCITY @ Q50 = mps
ICE CONDITIONS: DEBRIS:
DOES THE STREAM REACH MAXIMUM HIGHWATER ELEVATION RAPIDLY?
IS ORDINARY RISE RAPID?
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS?
IF YES, DESCRIBE.

WATERSHED STORAGE ___ HEADWATERS ___ UNIFORM THROUGHOUT WATERSHED ___ IMMEDIATELY ABOVE SITE ___

EXISTING STRUCTURE

STRUCTURE TYPE: N/A YEAR BUILT: N/A
CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A
DISPOSITION OF STRUCTURE: N/A

TYPE OF MATERIAL UNDER SUBSTRUCTURE: N/A

WATER SURFACE ELEV. @ Q2.33= VELOCITY= mps
Q10= " mps
Q25= " mps
Q50= " mps
Q100= " mps

LONG TERM STREAM BED CHANGES: N/A

IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A FREQUENCY: N/A
RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A

UPSTREAM STRUCTURE: TOWN: N/A DISTANCE:
HIGHWAY NO.: STRUCTURE NO.:
STRUCTURE TYPE:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:

• DOWNSTREAM STRUCTURE: TOWN: N/A DISTANCE:
HIGHWAY NO.: STRUCTURE NO.:
STRUCTURE TYPE:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:

• (COMPLETE INFORMATION WILL BE PROVIDED ON FINAL PLANS)

PROPOSED STRUCTURE

STRUCTURE TYPE: Single span plate girder bridge

CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A

WATER SURFACE ELEV. @ Q2.33= VELOCITY= mps
Q10= " = mps
Q25= " = mps
Q50= " = mps
Q100= " = mps

IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A FREQUENCY: N/A
RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A

AVERAGE LOW ELEVATION OF SUPERSTRUCTURE:
VERTICAL CLEARANCE @ Q 100 = m

SCOUR: Channel = N/A
REQUIRED CHANNEL PROTECTION: N/A

PERMIT INFORMATION

AVERAGE DAILY FLOW: N/A
ORDINARY LOW WATER: cms ELEV.:
ORDINARY HIGH WATER: cms ELEV.:

TEMPORARY BRIDGE REQUIREMENTS

STRUCTURE TYPE: N/A
CLEAR SPAN (NORMAL TO STREAM): N/A

VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A

DESIGN CRITERIA:
1. DESIGN LIVE LOAD AASHTO MS-22.5
2. DESIGN SPAN 33 m
3. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL 290 kPa ON LEDGE N/A
4. ALLOWABLE LOAD FOR PILING N/A TYPE N/A ESTIMATED LENGTH N/A
5. STRUCTURAL STEEL AASHTO GRADE M270M GR345W
6. REINFORCING STEEL GRADE 420
7. CONCRETE, HIGH PERFORMANCE CLASS A (QC/QA) f'_c : 30 MPA
   CONCRETE, HIGH PERFORMANCE CLASS B f'_c : 25 MPA

TRAFFIC MAINTENANCE:
1. IS TRAFFIC TO BE MAINTAINED? YES IF YES, ON EXISTING STRUCTURE N/A OR ON TEMPORARY BRIDGE N/A
2. TEMPORARY BRIDGE REQUIREMENTS: ONE OR TWO WAY N/A TRAFFIC CONTROL SIGNALS REQUIRED N/A
   MINIMUM CLEAR SPAN (NORMAL TO STREAM): N/A VERTICAL CLEARANCE ABOVE STREAMBED: N/A
   WATERWAY AT FULL OPENING: N/A
   ARE SIDEWALKS REQUIRED? N/A IF SO, ON WHAT SIDE? N/A

LOAD RATING (TONS)

LOADING LEVELS (LOAD FACTOR)	TRUCK						
	H	HS	3S2	6 AXLE	3A. STR.	4A. STR.	5A. SEMI
INVENTORY A = 2.17			■	■	■	■	■
POSTED A = 1.55				■			
OPERATING A = 1.30	■						■

$RF = \frac{\phi M_N - 1.3\, M_{DL}}{A \times M_{LL+I}}$

DH Dufresne-Henry

STATE OF VERMONT
AGENCY OF TRANSPORTATION

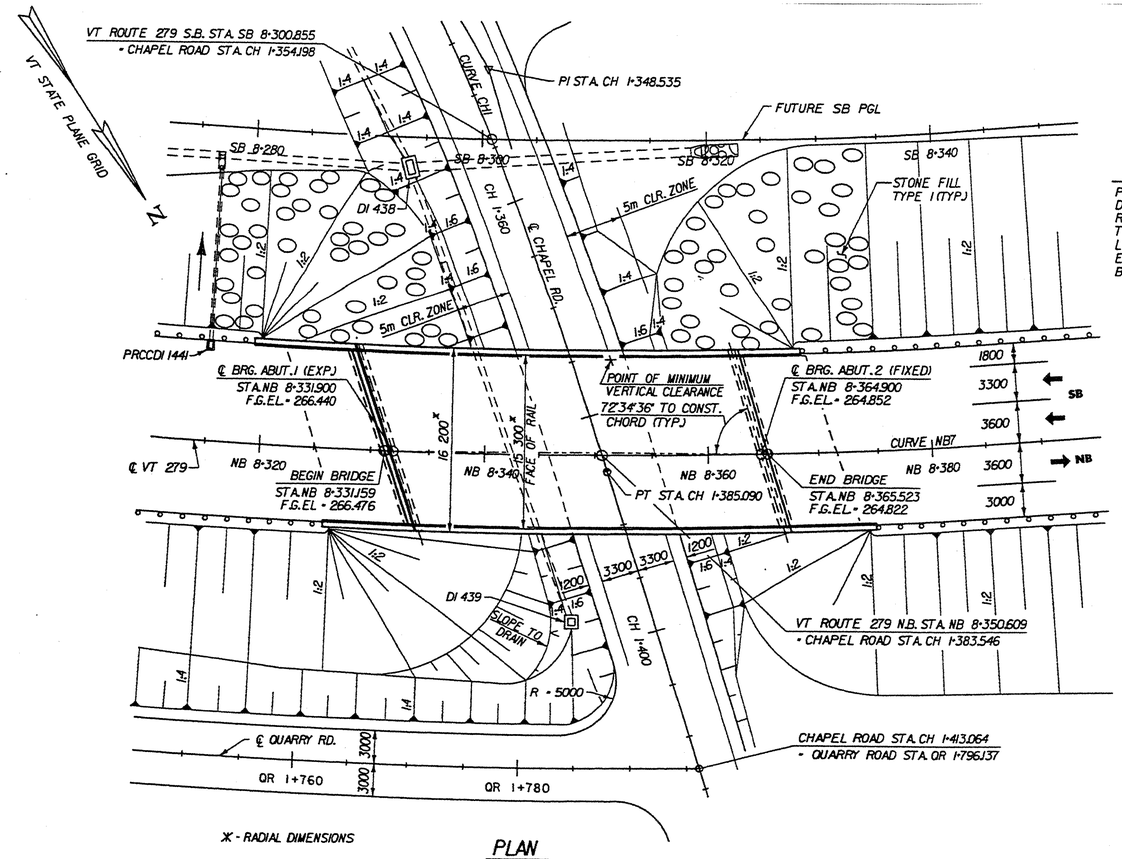
Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta.
	Surv. Sta.

VT ROUTE 279 OVER CHAPEL ROAD

PRELIMINARY INFORMATION SHEET

Designed By S. BURBANK	Drawn By A. THIBAULT
Checked By M. CHENETTE Date 11/04	Bridge Design Supervisor G. BOGUE Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
DH CAD Drawing Name: ...\PlotFiles\CH\CH-Pinf.dgn	Plot Date: 11/17/2004
Bridge Sheet No. BR400	Sheet 24 of 112

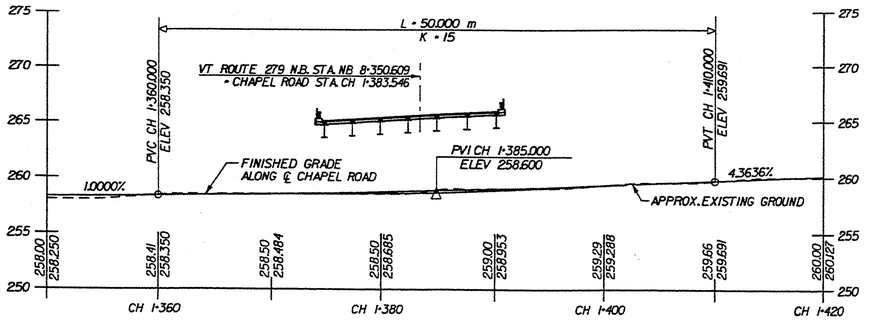
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PLAN

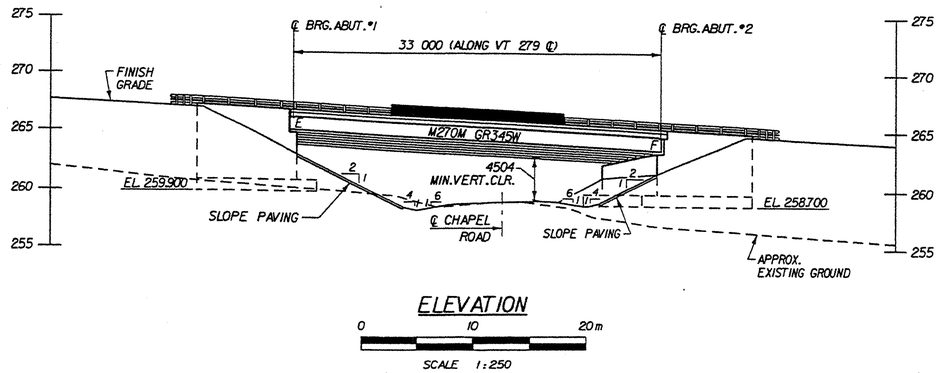
CURVE CH1
PI STA. CH 1+348.535
DELTA = 13°20'29.3"
R = 315.411 m
T = 36.889 m
L = 73.444 m
E = 2.150 m
BANK = 0.044

CURVE NB7
PI STA. NB 8+360.674
Delta = 90°45'02.2"
R = 575.000m
T = 582.583m
L = 910.741m
E = 243.552m
BANK = 0.078



CHAPEL ROAD PROFILE

0 10 20 m
SCALE 1:250



ELEVATION

0 10 20m
SCALE 1:250

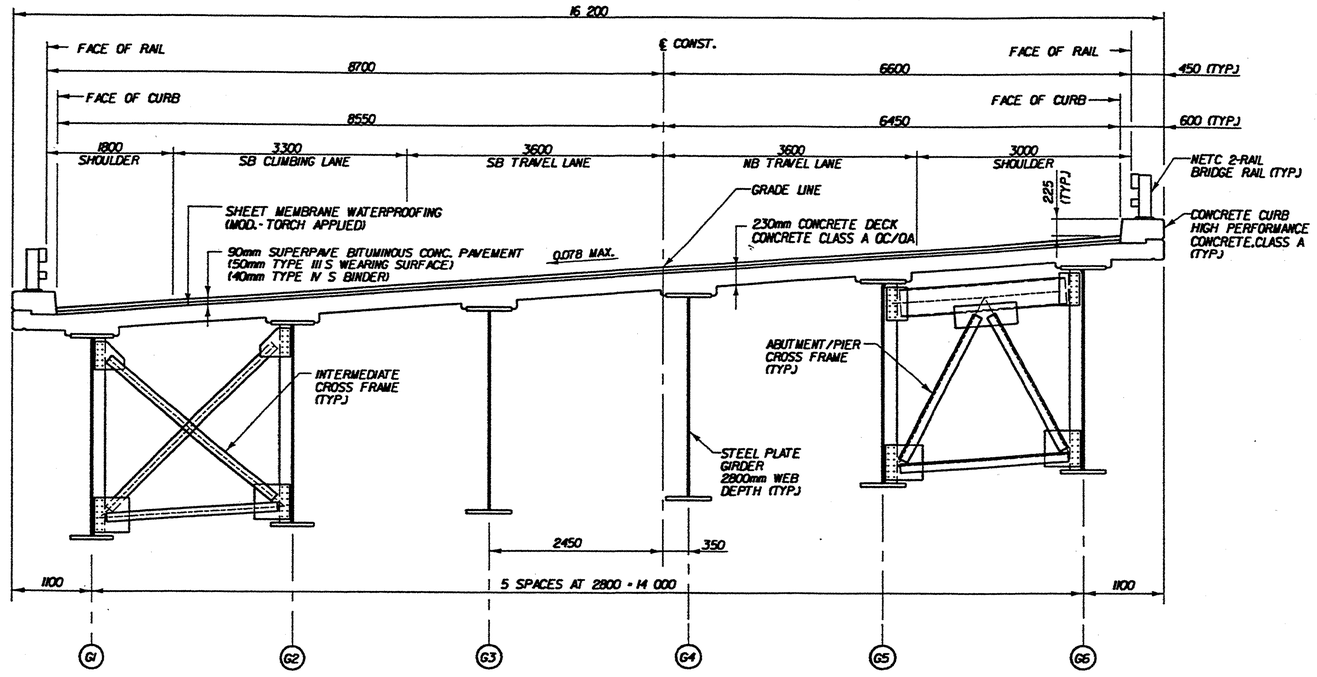
REVISED

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta. / Surv. Sta.
VT ROUTE 279 OVER CHAPEL ROAD	
PLAN AND ELEVATION	
Designed By T. KNIGHT	Drawn By T. KNIGHT
Checked By M. CHENETTE Date 11/04	Bridge Design Supervisor G. BOGUE Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
DH CAD Drawing Name: ...\PlotFiles\CH\CH-Plan.plt Date: 11/17/2004	
Bridge Sheet No. BR401	Sheet 25 of 112

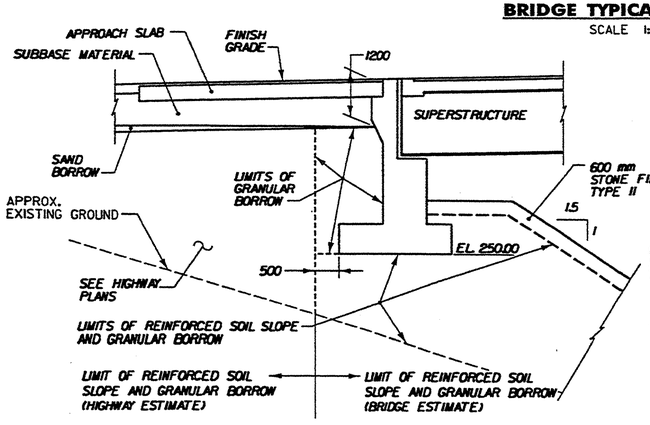
Dufresne-Henry

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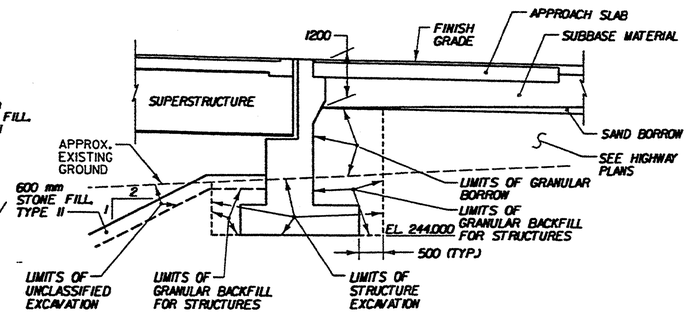


BRIDGE TYPICAL SECTION
SCALE 1:40

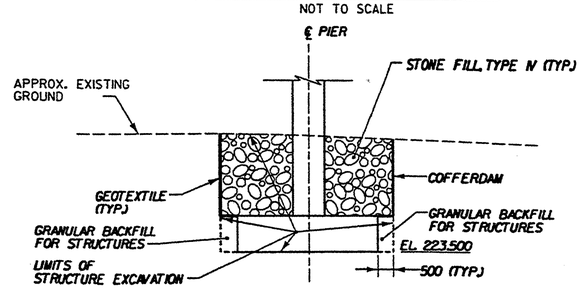
NOTE: ALL DIMENSIONS ARE RADIAL AND CONCENTRIC WITH ℄ CONSTRUCTION



TYPICAL ABUTMENT 1 SECTION
NOT TO SCALE



TYPICAL ABUTMENT 2 SECTION
NOT TO SCALE



TYPICAL PIER SECTION
NOT TO SCALE

INDEX OF SHEETS

BR500	PRELIMINARY INFORMATION SHEET
BR501	GENERAL PLAN AND ELEVATION
BR502-504	CONSTRUCTION IMPACTS PLANS, NOTES & DETAILS
BR505-506	BORING INFORMATION SHEETS
BR507-510	BORING LOGS
BR511	CHANNEL AND PIER DETAILS
BR512-519	CHANNEL CROSS SECTIONS

NOTE:
ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

FINAL HYDRAULICS REPORT

Metric

HYDROLOGIC DATA

DRAINAGE AREA= 29.1 sq. km
CHARACTER OF TERRAIN= Mountainous
CHARACTER & TYPE OF STREAM= Sinuous, perennial in alluvium
NATURE OF STREAMBED= Cobble layer interlaced with sand & gravel

Q2.33= 27 cms — Q50= 63 cms
Q10= 46 cms — Q100= 71 cms
Q25= 56 cms — Q500= 121 cms

DATE OF FLOOD OF RECORD= Unknown
WATER SURFACE ELEV.= Unknown — ESTIMATED DISCHARGE= Unknown
NATURAL STREAM VELOCITY @ Q50 = 2.49 mps
ICE CONDITIONS= Moderate — DEBRIS= Slight
DOES THE STREAM REACH MAXIMUM HIGHWATER ELEVATION RAPIDLY? Yes
IS ORDINARY RISE RAPID? Yes
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? No
IF YES, DESCRIBE.

WATERSHED STORAGE ___ HEADWATERS ___ UNIFORM THROUGHOUT WATERSHED ___ IMMEDIATELY ABOVE SITE ___

EXISTING STRUCTURE

STRUCTURE TYPE= N/A — YEAR BUILT= N/A
CLEAR SPAN (NORMAL TO STREAM)= N/A
VERTICAL CLEARANCE ABOVE STREAMBED= N/A
WATERWAY OF FULL OPENING= N/A
DISPOSITION OF STRUCTURE= N/A
TYPE OF MATERIAL UNDER SUBSTRUCTURE= N/A

WATER SURFACE ELEV. @ Q2.33= 230.4 — VELOCITY= 1.94 mps
Q10= 230.8 — " = 2.31 mps
Q25= 231.0 — " = 2.44 mps
Q50= 231.1 — " = 2.49 mps
Q100= 231.2 — " = 2.60 mps

LONG TERM STREAM BED CHANGES= N/A
IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A — FREQUENCY= N/A
RELIEF ELEVATION= N/A — DISCHARGE OVER ROAD @ Q100= N/A

UPSTREAM STRUCTURE: TOWN= N/A — DISTANCE=
HIGHWAY NO.= — STRUCTURE NO.=
STRUCTURE TYPE=
CLEAR SPAN= — CLEAR HEIGHT=
YEAR BUILT= — FULL WATERWAY=

• DOWNSTREAM STRUCTURE: TOWN= BENNINGTON — DISTANCE= 0.9 km
HIGHWAY NO.= N. BRANCH ST. — STRUCTURE NO.=
STRUCTURE TYPE=
CLEAR SPAN= — CLEAR HEIGHT=
YEAR BUILT= — FULL WATERWAY=
• (COMPLETE INFORMATION WILL BE PROVIDED ON FINAL PLANS)

PROPOSED STRUCTURE

STRUCTURE TYPE= Two span curved plate girder bridge
CLEAR SPAN (NORMAL TO STREAM)= 143 m
VERTICAL CLEARANCE ABOVE STREAMBED= 20 m
WATERWAY OF FULL OPENING= 2100 sq. m

WATER SURFACE ELEV. @ Q2.33= 230.5 — VELOCITY= 1.81 mps
Q10= 230.9 — " = 2.18 mps
Q25= 231.0 — " = 2.35 mps
Q50= 231.1 — " = 2.48 mps
Q100= 231.2 — " = 2.61 mps

IS THE ROADWAY OVERTOPPED BELOW THE Q100? No — FREQUENCY= N.A.
RELIEF ELEVATION= N.A. — DISCHARGE OVER ROAD @ Q100= None

AVERAGE LOW ELEVATION OF SUPERSTRUCTURE= 251.8
VERTICAL CLEARANCE @ Q 100 = 19 m

SCOUR: Channel = 0.8 m, Pier = 4.5 m
REQUIRED CHANNEL PROTECTION= Stone Fill, Type IV

PERMIT INFORMATION

AVERAGE DAILY FLOW= 4.3 cms
ORDINARY LOW WATER= 2.3 cms — ELEV.= 229.3
ORDINARY HIGH WATER= 12.7 cms — ELEV.= 230.0

TEMPORARY BRIDGE REQUIREMENTS

STRUCTURE TYPE= N/A
CLEAR SPAN (NORMAL TO STREAM)= N/A
VERTICAL CLEARANCE ABOVE STREAMBED= N/A
WATERWAY OF FULL OPENING= N/A

DESIGN CRITERIA:
1. DESIGN LIVE LOAD AASHTO MS-22.5
2. DESIGN SPAN 71.5 m - 71.5 m
3. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL 290 kPa (Abut. 1) , 480 kPa (Pier) & 380 kPa (Abut. 2) ON LEDGE N/A
4. ALLOWABLE LOAD FOR PILING N/A TYPE N/A ESTIMATED LENGTH N/A
5. STRUCTURAL STEEL AASHTO GRADE M270M GR345W HYBRID WITH ASTM A709M GR HPS485W WEATHERING STEEL
6. REINFORCING STEEL GRADE 420
7. CONCRETE CLASS A f'_c = 30 MPa OC/OA
   CONCRETE CLASS A f'_c =30 MPa HIGH PERFORMANCE CONCRETE
   CONCRETE CLASS B f'_c = 25 MPa

TRAFFIC MAINTENANCE:
1. IS TRAFFIC TO BE MAINTAINED? NO . IF YES, ON EXISTING STRUCTURE N/A OR ON TEMPORARY BRIDGE N/A
2. TEMPORARY BRIDGE REQUIREMENTS: ONE OR TWO WAY N/A TRAFFIC CONTROL SIGNALS REQUIRED N/A
   MINIMUM CLEAR SPAN (NORMAL TO STREAM)= N/A VERTICAL CLEARANCE ABOVE STREAMBED= N/A
   WATERWAY AT FULL OPENING= N/A
   ARE SIDEWALKS REQUIRED? N/A IF SO, ON WHAT SIDE? N/A

LOAD RATING (TONS)

LOADING LEVELS (LOAD FACTOR)	TRUCK H	HS	3S2	6 AXLE	3A. STR.	4A. STR.	5A. SEMI
INVENTORY A = 2.17							
POSTED A = 1.55							
OPERATING A = 1.30							

$RF = \frac{\phi_M \alpha - 1.3 M_{DL}}{A \times M_{LL+I}}$

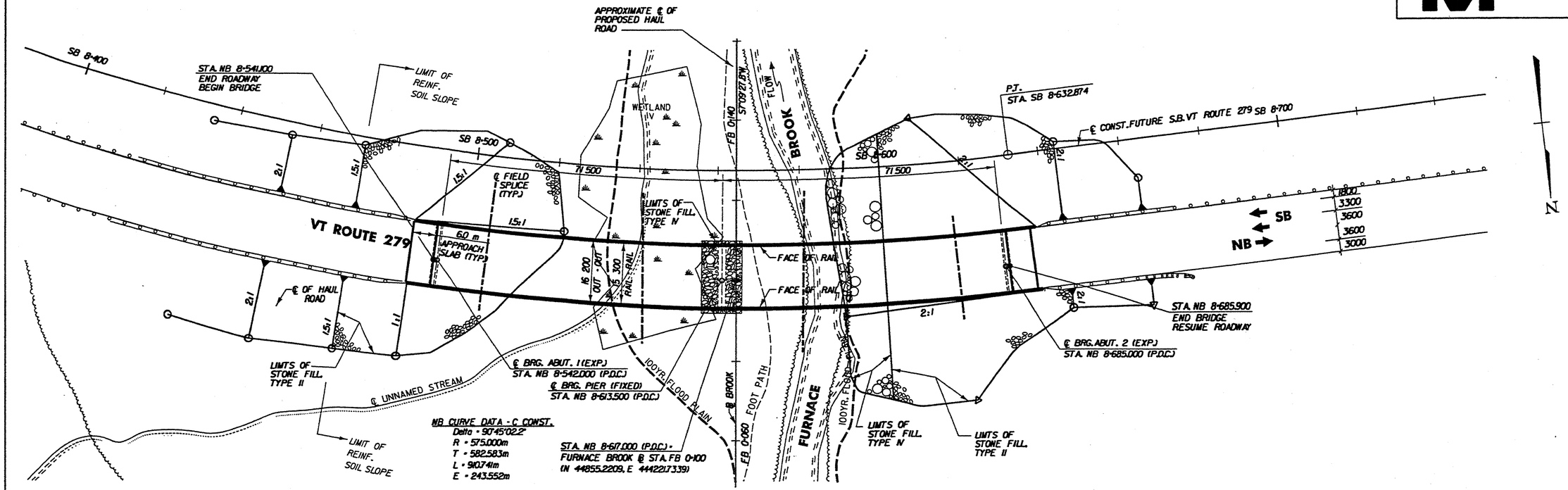
SEMI-FINAL PLAN SUBMISSION
DATE 12-08-04

TVGA CONSULTANTS

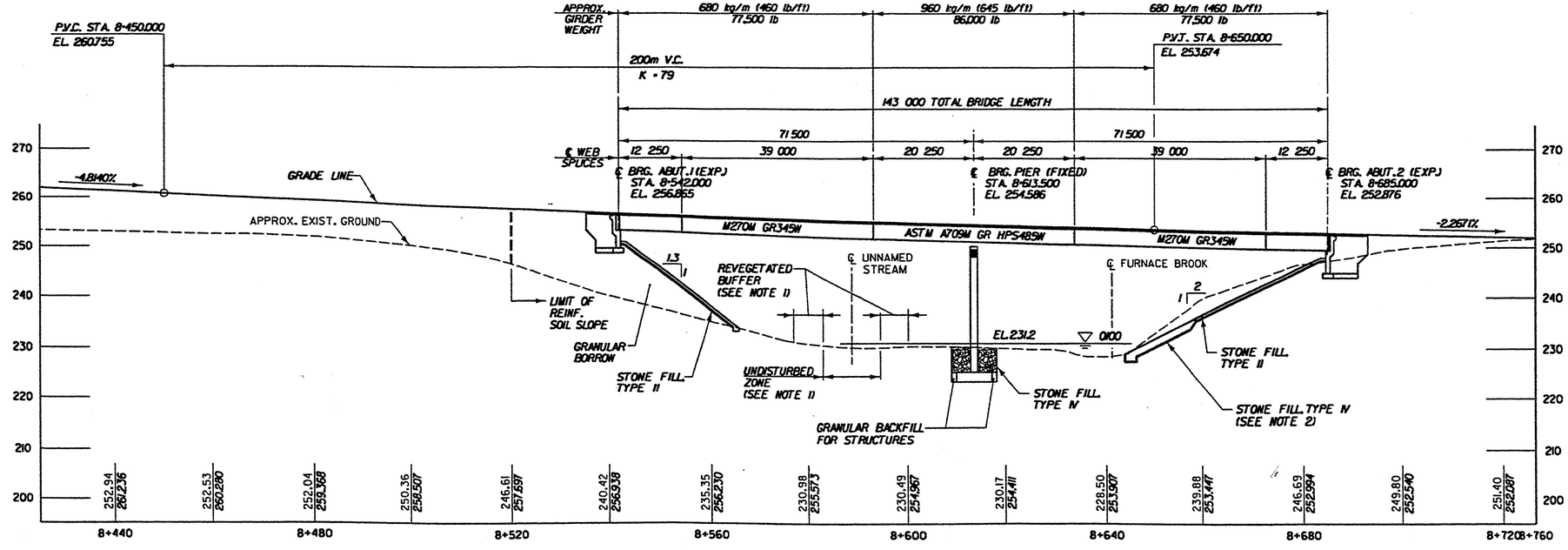
STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta. / Surv. Sta.
VT ROUTE 279 OVER FURNACE BROOK	
PRELIMINARY INFORMATION SHEET	
Designed By M. HANN	Drawn By R.A. BOTZENHART
Checked By Date	Bridge Design Supervisor K.M. WOJTKOWSKI Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
TVGA CAD Drawing No. pl_sheet	Date
Bridge Sheet No. BR500	Sheet 26 of 112

Metric



PLAN



ELEVATION

0 10 20 30
SCALE 1:500

RADIUS INFO:

MAX. = 580.95m (1906 ft.)
℄ = 575.00m (1886.5 ft.)
MIN. = 566.95m (1860.0 ft.)

NOTES:

1. A MINIMUM 5.0m UNDISTURBED ZONE AND 5.0m REVEGETATED BUFFER REQUIRED ON EACH SIDE OF UNNAMED STREAM.
2. FOR DETAILS OF STONE FILL ADJACENT TO FURNACE BROOK, SEE STREAM AND PIER DETAILS, BRIDGE SHEET BR508.
3. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL REFER TO THE CONSTRUCTION IMPACT PLANS, BR502 TO BR504, FOR LIMITATIONS RELATEDTO TEMPORARY IMPACTS.

SEMI-FINAL PLAN SUBMISSION
DATE 12-01-04

STATE OF VERMONT
AGENCY OF TRANSPORTATION

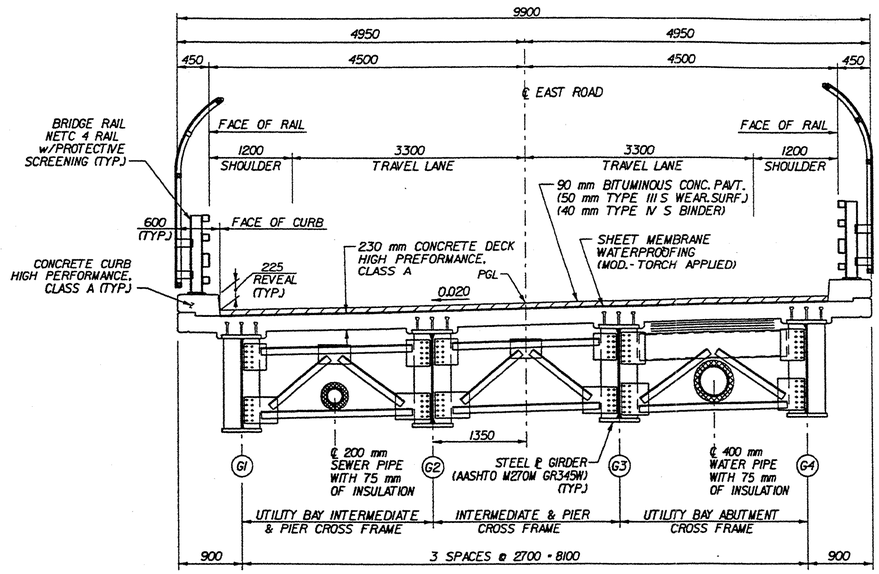
Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta. / Surv. Sta.

VT ROUTE 279 OVER FURNACE BROOK

GENERAL PLAN & ELEVATION

Designed By P.W. SZUSTAK	Drawn By R.A. BOTZENHART
Checked By Date	Bridge Design Supervisor K. M. WOJTKOWSKI Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
TVGA CAD Drawing No. FB PLAN.dgn	Date
Bridge Sheet No. BR501	Sheet 27 of 112

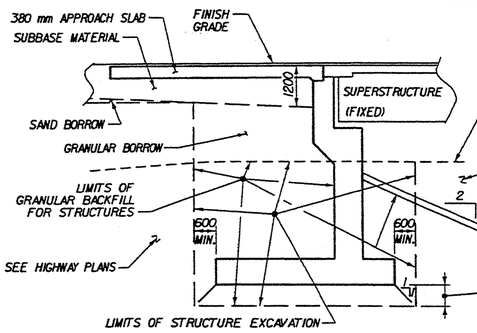
TVGA CONSULTANTS



BRIDGE TYPICAL SECTION

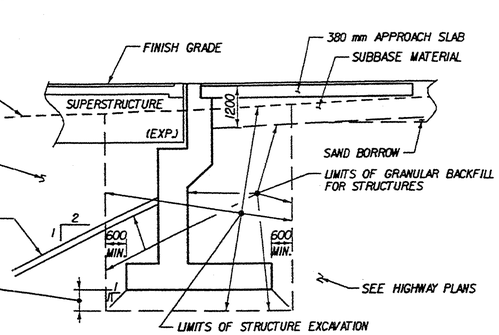
SCALE 1:40

NOTE: ALL DIMENSIONS ARE RADIAL AND CONCENTRIC WITH ℄ EAST ROAD.



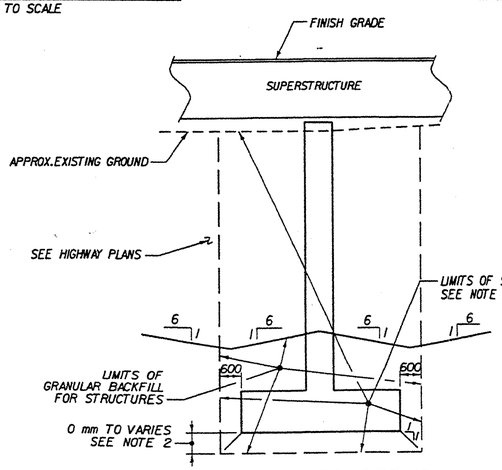
TYPICAL ABUTMENT 1 SECTION

NOT TO SCALE



TYPICAL ABUTMENT 2 SECTION

NOT TO SCALE



TYPICAL PIER SECTION

NOT TO SCALE

INDEX OF SHEETS

BR600	PRELIMINARY INFORMATION SHEET
BR601	PLAN AND ELEVATION
BR602-603	BORING INFORMATION SHEETS
BR604-612	BORING LOGS
BR613	VT ROUTE 279 PROFILES
BR614	PIER ELEVATION

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
2. SUBGRADE AREAS BENEATH FOOTINGS EXHIBITING EXCESSIVE WEAVING OR SOFT OR UNSTABLE SOILS SHALL BE REMOVED AS STRUCTURE EXCAVATION AND REPLACED WITH GRANULAR BACKFILL FOR STRUCTURES. ADDITIONAL FOUNDATION CONSTRUCTION REQUIREMENTS ARE OUTLINED IN SECTION 8.D OF THE GEOTECHNICAL ENGINEERING REPORT, DATED SEPTEMBER 2000, BY GZA GEOENVIRONMENTAL, INC.

FINAL HYDRAULICS REPORT

VAOT Metric

HYDROLOGIC DATA

DRAINAGE AREA=
CHARACTER OF TERRAIN:
CHARACTER & TYPE OF STREAM:
NATURE OF STREAMBED:

Q2.33= cms Q50= cms
Q10= cms Q100= cms
Q25= cms Q500= cms

DATE OF FLOOD OF RECORD:
WATER SURFACE ELEV.: ESTIMATED DISCHARGE:
NATURAL STREAM VELOCITY @ Q50 = mps
ICE CONDITIONS: DEBRIS:
DOES THE STREAM REACH MAXIMUM HIGHWATER ELEVATION RAPIDLY?
IS ORDINARY RISE RAPID?
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS?
IF YES, DESCRIBE.

WATERSHED STORAGE ____ HEADWATERS ____ UNIFORM THROUGHOUT WATERSHED ~~IMMEDIATELY ABOVE SITE~~ ____

EXISTING STRUCTURE

STRUCTURE TYPE: N/A YEAR BUILT: N/A
CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A
DISPOSITION OF STRUCTURE: N/A

TYPE OF MATERIAL UNDER SUBSTRUCTURE: N/A

WATER SURFACE ELEV. @ Q2.33= VELOCITY= mps
Q10= " = mps
Q25= " = mps
Q50= " = mps
Q100= " = mps

LONG TERM STREAM BED CHANGES: N/A

IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A FREQUENCY: N/A
RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A

UPSTREAM STRUCTURE: TOWN: N/A DISTANCE:
HIGHWAY NO.: STRUCTURE NO.:
STRUCTURE TYPE:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:

* DOWNSTREAM STRUCTURE: TOWN: N/A DISTANCE:
HIGHWAY NO.: STRUCTURE NO.:
STRUCTURE TYPE:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:

* (COMPLETE INFORMATION WILL BE PROVIDED ON FINAL PLANS)

PROPOSED STRUCTURE

STRUCTURE TYPE: Two span continuous curved plate girder bridge

CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A

WATER SURFACE ELEV. @ Q2.33= VELOCITY= mps
Q10= " = mps
Q25= " = mps
Q50= " = mps
Q100= " = mps

IS THE ROADWAY OVERTOPPED BELOW THE Q100? N/A FREQUENCY: N/A
RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A

AVERAGE LOW ELEVATION OF SUPERSTRUCTURE:
VERTICAL CLEARANCE @ Q 100 = m

SCOUR: Channel = N/A
REQUIRED CHANNEL PROTECTION: N/A

PERMIT INFORMATION

AVERAGE DAILY FLOW: N/A
ORDINARY LOW WATER: cms ELEV.:
ORDINARY HIGH WATER: cms ELEV.:

TEMPORARY BRIDGE REQUIREMENTS

STRUCTURE TYPE: N/A
CLEAR SPAN (NORMAL TO STREAM): N/A
VERTICAL CLEARANCE ABOVE STREAMBED: N/A
WATERWAY OF FULL OPENING: N/A

DESIGN CRITERIA:
1. DESIGN LIVE LOAD AASHTO MS-22.5
2. DESIGN SPAN 38.9 m + 32.9 m = 71.8 m
3. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL 383 kPa (Abut. 1, Pier & Abut. 2) ON LEDGE N/A
4. ALLOWABLE LOAD FOR PILING N/A TYPE N/A ESTIMATED LENGTH N/A
5. STRUCTURAL STEEL AASHTO GRADE M270M GR345W
6. REINFORCING STEEL GRADE 420
7. CONCRETE, HIGH PERFORMANCE CLASS A f'_c : 30 MPa
   CONCRETE, HIGH PERFORMANCE CLASS B f'_c : 25 MPa

TRAFFIC MAINTENANCE:
1. IS TRAFFIC TO BE MAINTAINED? YES IF YES, ON EXISTING STRUCTURE NO OR ON TEMPORARY BRIDGE TEMPORARY DETOUR
2. TEMPORARY BRIDGE REQUIREMENTS: ONE OR TWO WAY N/A TRAFFIC CONTROL SIGNALS REQUIRED N/A
   MINIMUM CLEAR SPAN (NORMAL TO STREAM): N/A VERTICAL CLEARANCE ABOVE STREAMBED: N/A
   WATERWAY AT FULL OPENING: N/A
   ARE SIDEWALKS REQUIRED? N/A IF SO, ON WHAT SIDE? N/A

LOAD RATING (TONS)

LOADING LEVELS (LOAD FACTOR)	TRUCK						
	H	HS	3S2	6 AXLE	3A. STR.	4A. STR.	5A. SEMI
INVENTORY A = 2.17			■	■	■	■	■
POSTED A = 1.55				■			
OPERATING A = 1.30	■						■

$RF = \frac{\phi M_N - 1.3\, M_{DL}}{A \times M_{LL+I}}$

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta.
	Surv. Sta.

EAST ROAD OVER VT ROUTE 279

PRELIMINARY INFORMATION SHEET

Designed By S. BURBANK	Drawn By A. THIBAULT
Checked By M. CHENETTE Date 11/04	Bridge Design Supervisor G. BOGUE Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
DH CAD Drawing Name: ...\PlotFiles\ER\ER-Plsht.pltDate: 11/18/2004	
Bridge Sheet No. BR600	Sheet 29 of 112

Dufresne-Henry

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VAOT Metric

CURVE SB8
PI STA. SB 9+322.75
Delta 7°15'00.0" RT.
R 2500.000 m
T 158.382 m
L 316.342 m
E 5.012 m

CURVE XO1
PI STA. XO 1+160.040
Delta 11°27'34.4" LT.
R 1595.000 m
T 160.040 m
L 319.012 m
E 8.009 m

CURVE NB8
PI STA. NB 9+411.767
Delta 7°15'00.0" RT.
R 2380.000 m
T 150.780 m
L 301.157 m
E 4.771 m

FUTURE SB PGL

CROSSOVER STA. XO 1+255.049
• EAST ROAD STA. ER 1+179.936

VT ROUTE 279 N.B. STA. NB 9+278.312
• EAST ROAD STA. ER 1+195.229

PEDESTRIAN/BIKE SHARED USE PATH

PEDESTRIAN BRIDGE

SLOPE TO DRAIN

PEDESTRIAN/BIKE SHARED USE PATH

STA. ER 1+237.557 PT

℄ EAST RD.

BEGIN BRIDGE
STA. ER 1+147.581
F.G. EL. = 243.785

℄ BRG. ABUT. 1 (FIXED)
STA. ER 1+148.400
F.G. EL. = 243.790

79°30'02" TO CONST. CHORD (TYP.)

℄ BRG. PIER (EXP.)
STA. ER 1+187.300
F.G. EL. = 244.025

℄ BRG. ABUT. 2 (EXP.)
STA. ER 1+220.200
F.G. EL. = 244.222

END BRIDGE
STA. ER 1+221.011
F.G. EL. = 244.227

ER 1+120
ER 1+140
ER 1+160
ER 1+180
ER 1+200
ER 1+220
ER 1+240

REINFORCED CONCRETE APPROACH SLAB (TYP.)

POINT OF MINIMUM VERTICAL CLEARANCE

9000 x FACE OF RAIL 9300 x

TOP OF SLOPE (TYP.)

LIMITS OF SLOPE PAVING

AERIAL E&T

TOE OF SLOPE (TYP.)

VT ROUTE 279 S.B. STA. SB 9+227.629
• EAST ROAD STA. ER 1+167.952

XO PGL

NB PGL

SB 9+220

SB 9+240

SB 9+260

NB 9+280

NB 9+300

XO 1+240

XO 1+280

VARIES 4800 TO 3600

3600 3600 1800

2400

1800 3600 3600 2400

NB PC STA. NB 9+260.987

10m CLR. ZONE (TYP.)

DI 1327
DI 1328
DI 1329
DI 1326
DI 1392

1200
3300
3300
1200

WW1 WW2 WW3 WW4

CB 330

CURVE ER1
PI STA. ER 1+121.710
Delta 16°42'48.2" LT.
R 800.000 m
T 117.516 m
L 233.363 m
E 8.585 m

x - RADIAL DIMENSION

PLAN

0 4 8 12 16 20 m

SCALE 1:200

℄ BRG. ABUT. #1

℄ BRG. ABUT. #2

71 800 (ALONG EAST ROAD ℄)

38 900 (ALONG EAST ROAD ℄)

℄ BRG. PIER

32 900 (ALONG EAST ROAD ℄)

BRIDGE RAIL NETC 4 RAIL WITH PROTECTIVE SCREENING

FINISH GRADE

APPROX. EXISTING GROUND

M270M GRADE 345W

5355 MIN. VERTICAL CLEARANCE FUTURE S.B.

5501 MIN. VERTICAL CLEARANCE

FUTURE S.B. PGL

XO PGL

NB PGL

0.037

VARIES (-0.025 MIN.)

EL. 236.900

EL. 237.800

EL. 233.100

APPROX. FINISH GRADE FOR FUTURE S.B.

SLOPE PAVING (TYP.)

250 245 240 235 230

ELEVATION

0 4 8 12 16 20

SCALE 1:200

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No.
Highway No.	Log Sta. / Surv. Sta.

EAST ROAD OVER VT ROUTE 279

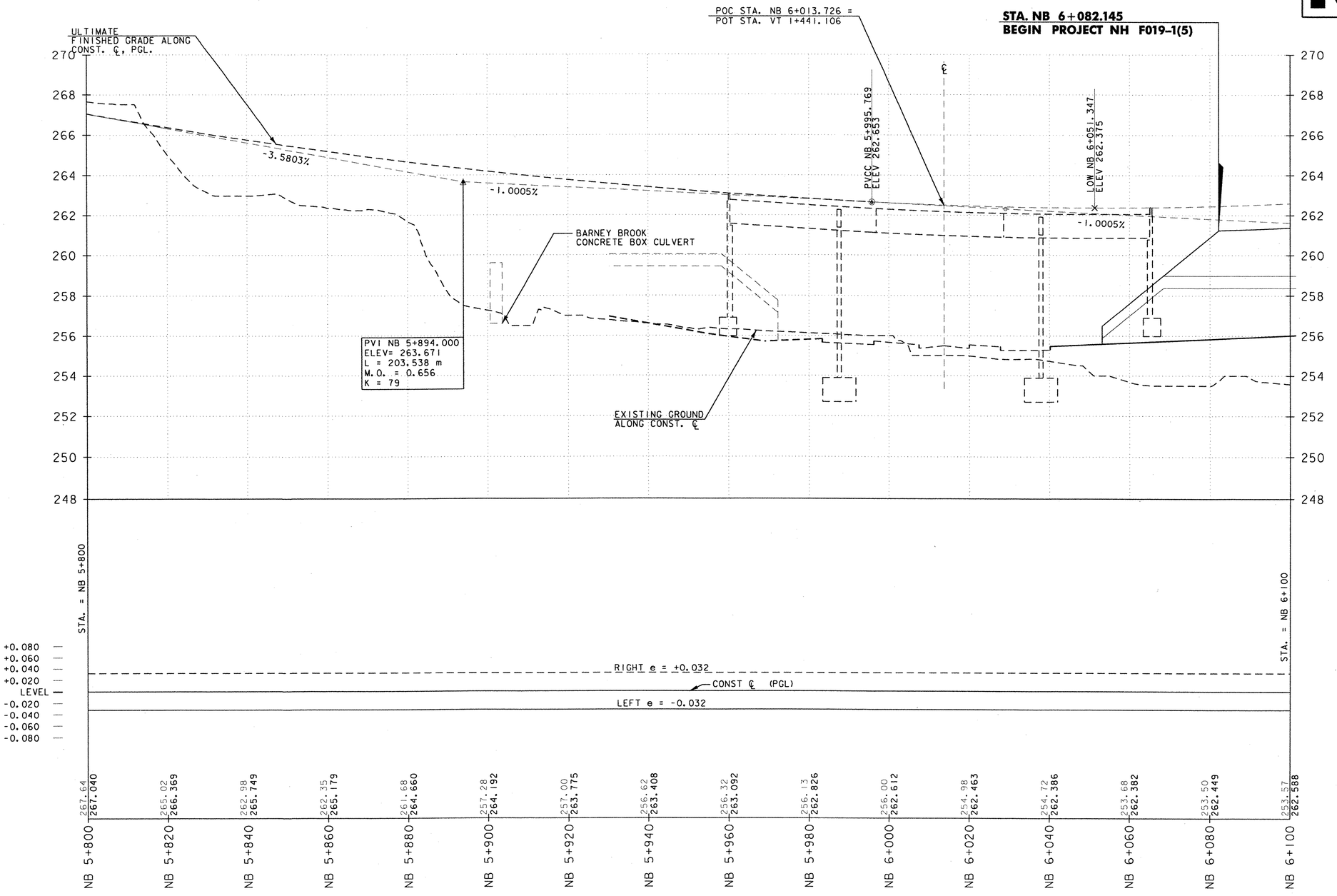
PLAN AND ELEVATION

Designed By T. KNIGHT	Drawn By T. KNIGHT
Checked By M. CHENETTE Date 11/04	Bridge Design Supervisor G. BOGUE Date
PROJECT BENNINGTON	PROJECT NO. NH F019-1(5)
DH CAD Drawing Name: ...\PlotFiles\ER\ER-Plan.pdf	Date: 11/18/2004
Bridge Sheet No. BR601	Sheet 29 of 112

Dufresne-Henry

K:\638020 (Benn)\Structures\PlotFiles\ER\ER-Plan.plt

VAOT Metric



NOTE: FINISH GRADE SHOWN IS FOR FUTURE BUILD III. THIS PROJECT WILL BUILD TO SUBGRADE TO STATION NB 6+574.000

4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

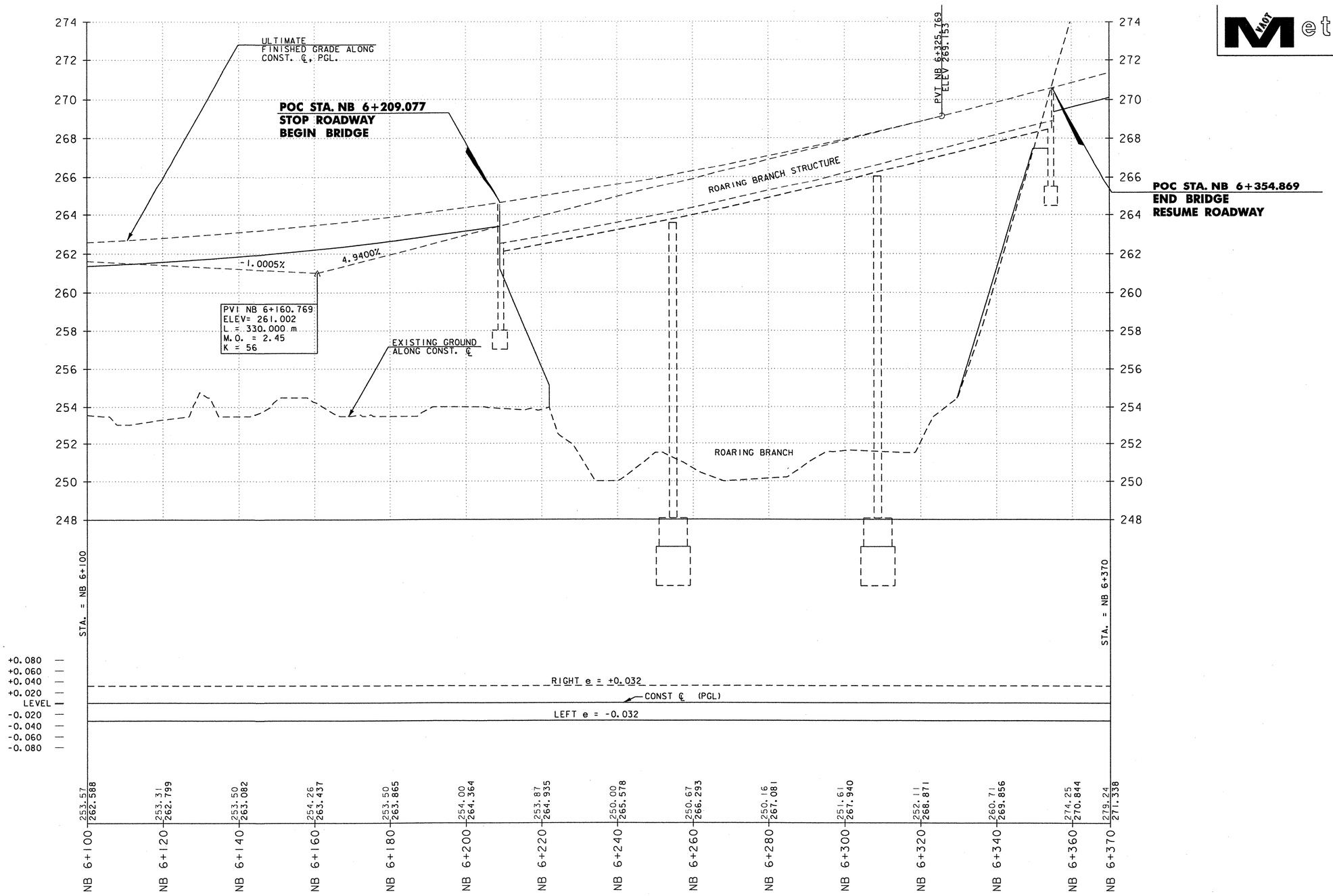
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\PlotFiles\Profiles\mlpro05.ptf
PLOT DATE: 11/23/2004
DESIGN SUPERVISOR: GREG EDWARDS
DRAWN BY: DUFRESNE-HENRY
DESIGNED BY: MARC FOISY
CHECKED BY: GARY SANTY
NORTHBOUND - PR-1
SHEET 30 OF 112

K:\E380020 (bennh\Highway\PlotFiles\Profiles\mlpro05.ptf



NOTE: FINISH GRADE SHOWN IS FOR FUTURE BUILD III. THIS PROJECT WILL BUILD TO SUBGRADE TO STATION NB 6+574.000

4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlpro06.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-2

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 31 OF 112

K:\6380020 (Benn\Highway\Plotfiles\Profiles\mlpro06.ptf

Metric

EXISTING GROUND ALONG CONST. ℄

ULTIMATE FINISHED GRADE ALONG CONST. ℄, PGL.

4.9400%

PVC NB 6+540.000 ELEV 279.736

POC STA. NB 6+560.000, 6.900m RT. =
POT STA. D 1+591.756

FINISHED GRADE ALONG CONST. ℄, PGL.

POT STA. NB 6+733.860, 3.600 m LT. =
POT STA. A 1+758.005

294 292 290 288 286 284 282 280 278 276 274 272 270

STA. = NB 6+370

STA. = NB 6+553

STA. = NB 6+652

STA. = NB 6+740

+0.080 +0.060 +0.040 +0.020 LEVEL -0.020 -0.040 -0.060 -0.080

RIGHT e = 0.032

CONST ℄ (PGL)

LEFT e = 0.032

e = -0.020

NB 6+370	NB 6+380	NB 6+400	NB 6+420	NB 6+440	NB 6+460	NB 6+480	NB 6+500	NB 6+520	NB 6+540	NB 6+560	NB 6+580	NB 6+600	NB 6+620	NB 6+640	NB 6+660	NB 6+680	NB 6+700	NB 6+720	NB 6+740
279.24	280.01	280.92	281.66	282.73	283.98	285.41	286.61	287.52	288.31	289.22	291.10	291.85	293.05	292.98	289.36	288.24	289.39	293.58	299.24
271.338	271.832	272.820	273.808	274.796	275.784	276.772	277.760	278.748	279.736	280.705	281.638	282.533	283.392	284.213	284.998	285.745	286.456	287.129	287.765

NOTE: FINISH GRADE SHOWN IS FOR FUTURE BUILD III. THIS PROJECT WILL BUILD TO SUBGRADE TO STATION NB 6+574.000

4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

k:\16360020 (Benn\Highway\Pro Files\Profiles\mlpro07.prf

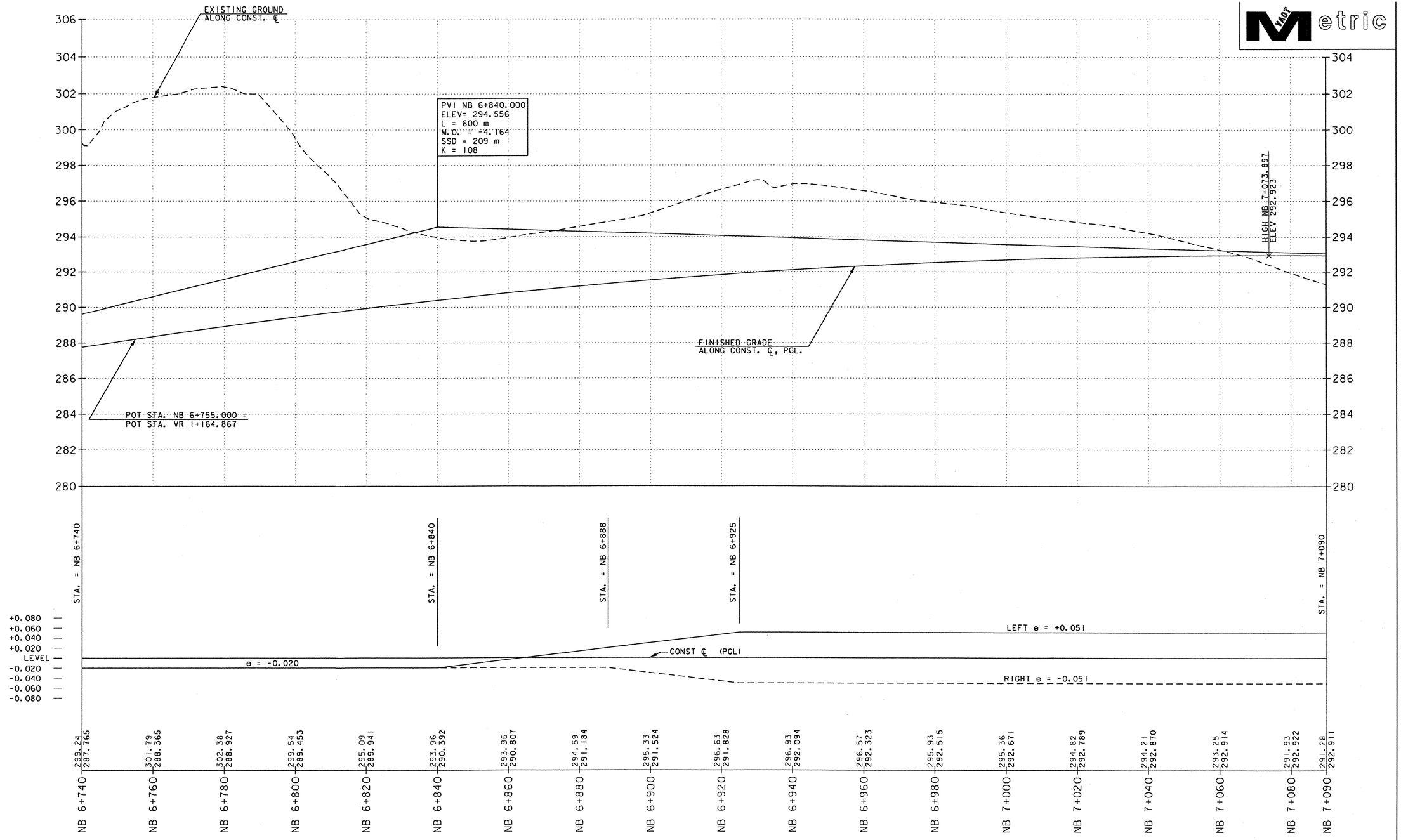
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlpro07.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-3

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 32 OF 112



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

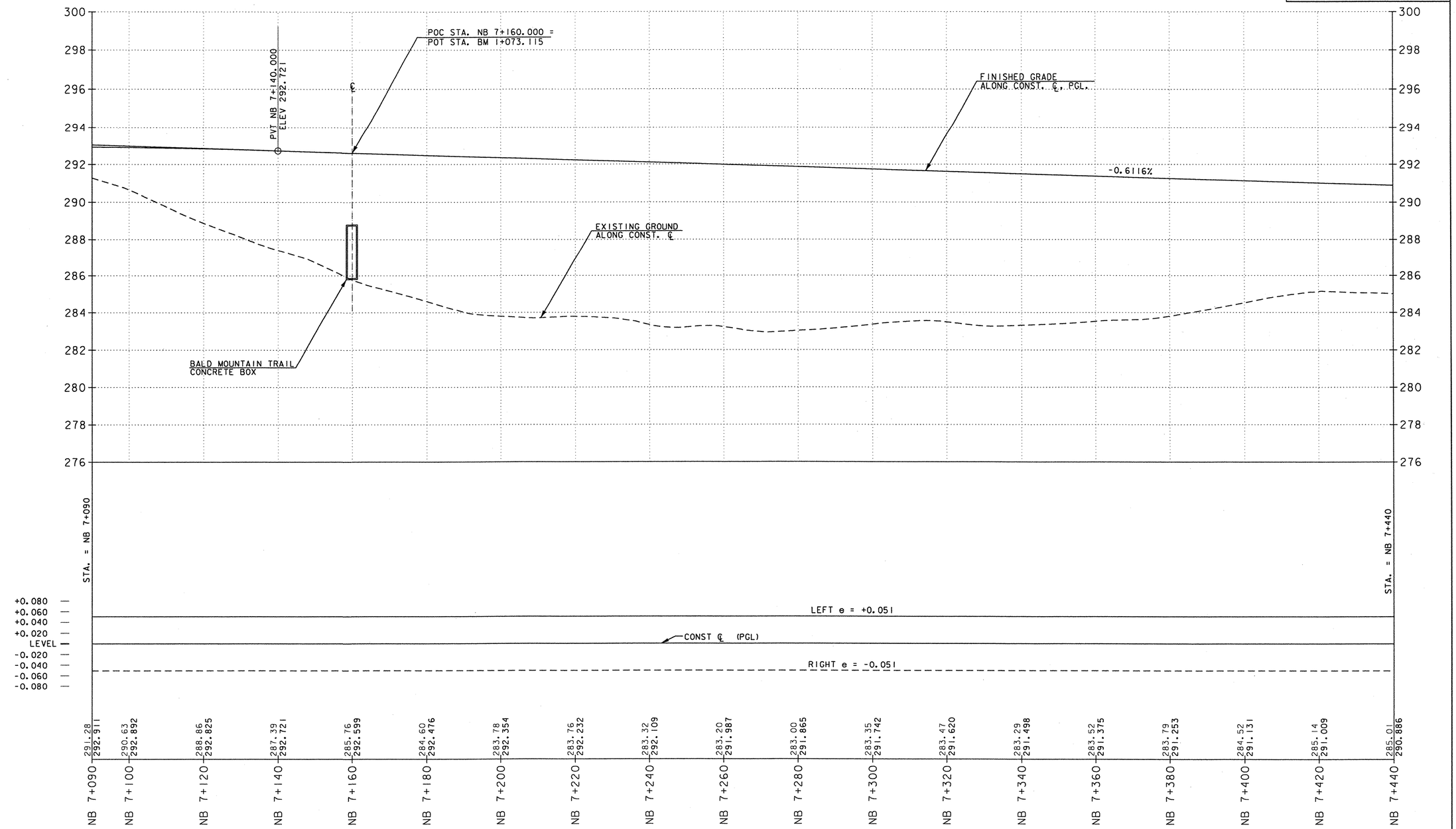
PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlpro08.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-4

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 33 OF 112

K:\6360020 (Barre)\Highway\PlotFiles\Profiles\mlpro08.ptf

Metric



4 M
2
10 20 M

H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

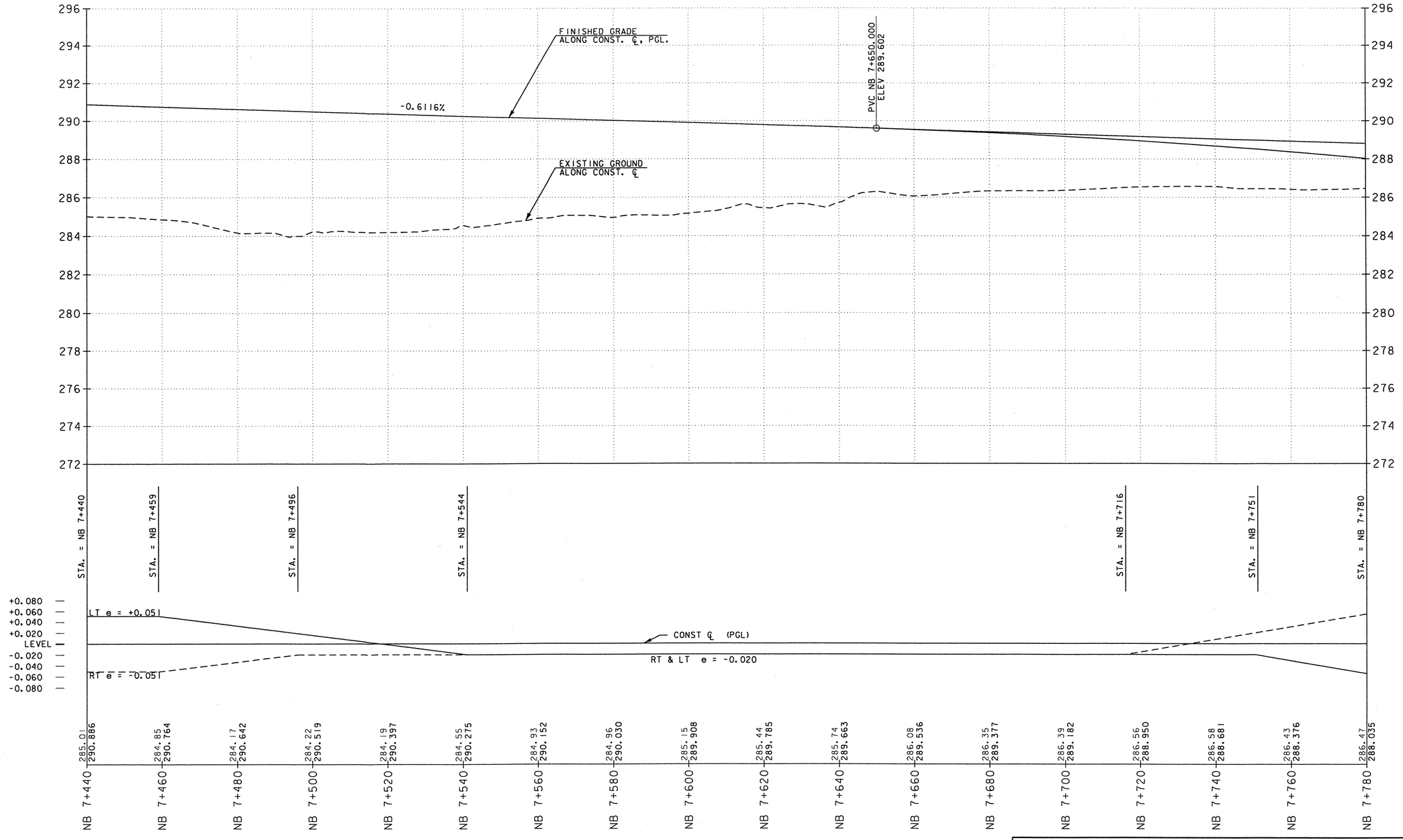
PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlpro09.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-5

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 34 OF 112

K:\6380020 (Benn\Highway\ProFiles\Profiles\mlpro09.prf

Metric



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlpro10.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-6

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 35 OF 112

K:\6380020 (Benn)\Highway\PlotFiles\Profiles\mlpro10.ptf

Metric

PVI NB 7+880.000
ELEV= 288.195
L = 460 m
M.O. = -2.416
SSD = 210 m
K = 109

-0.6116%

-4.8140%

EXISTING GROUND
ALONG CONST. ℄

FINISHED GRADE
ALONG CONST. ℄, PGL.

PVT NB 8+110.000
ELEV 277.123

296 294 292 290 288 286 284 282 280 278 276 274 272

STA. = NB 7+780

STA. = NB 7+800
e = 0.078

STA. = NB 8+120
e = 0.078

RIGHT e = +0.078

CONST ℄ (PGL)

LEFT e = -0.078

+0.080
+0.060
+0.040
+0.020
LEVEL
-0.020
-0.040
-0.060
-0.080

NB 7+780	NB 7+800	NB 7+820	NB 7+840	NB 7+860	NB 7+880	NB 7+900	NB 7+920	NB 7+940	NB 7+960	NB 7+980	NB 8+000	NB 8+020	NB 8+040	NB 8+060	NB 8+080	NB 8+100	NB 8+120
286.47	286.35	286.10	285.77	285.49	285.29	285.24	285.05	284.46	283.88	283.05	282.41	281.46	281.04	280.22	279.47	278.62	278.00
288.035	287.657	287.242	286.791	286.303	285.779	285.218	284.620	283.986	283.316	282.609	281.865	281.085	280.269	279.416	278.526	277.600	276.641

4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

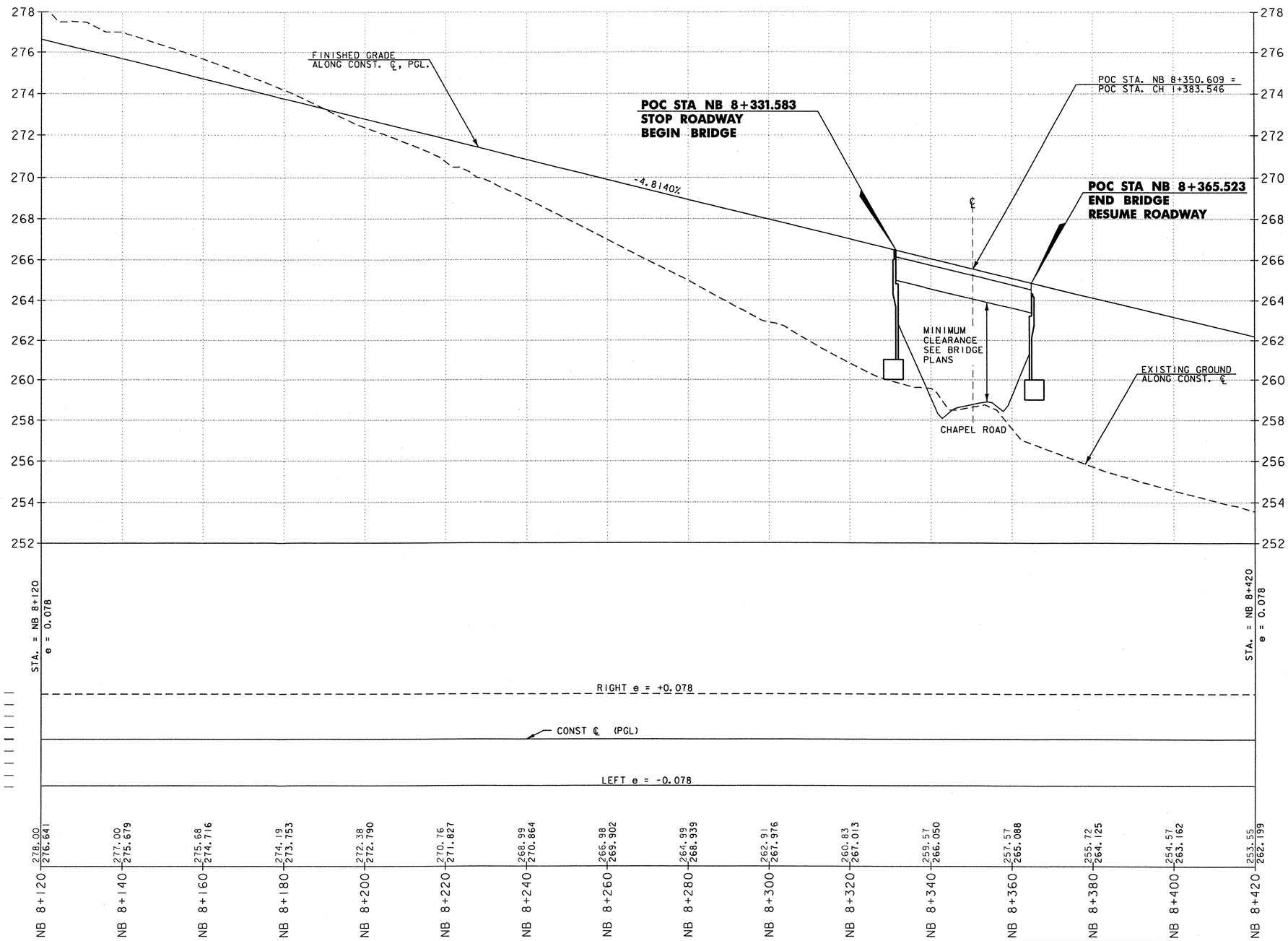
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlproll.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-7

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 36 OF 112

K:\1638020 (Bennington)\Highway\PlotFiles\Profiles\mlproll.ptf



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlprof2.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-8

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 37 OF 112

k:\6380020 (Benn\Highway\PlotFiles\Profiles\mlprof2.ptf

Metric

POC STA. NB 8+541.000
STOP ROADWAY
BEGIN BRIDGE

PVI NB 8+550.000
ELEV= 255.941
L = 200 m
M.O. = 0.637
K = 79

FINISHED GRADE
ALONG CONST. ℄, PGL.

PVC NB 8+450.000
ELEV 260.755

-4.8140%

PVT NB 8+650.000
ELEV 253.674

-2.2671%

POC STA. NB 8+685.900
END BRIDGE
RESUME ROADWAY

EXISTING GROUND
ALONG CONST. ℄

℄ UNNAMED
STREAM

℄ FURNACE BROOK

EL 2312 @ 0100

STA. = NB 8+420
e = 0.078

STA. = NB 8+676

STA. = NB 8+716

STA. = NB 8+733

STA. = NB 8+751

STA. = NB 8+780

RIGHT e = +0.078

e = -0.020

LEFT e = -0.078

+0.080
+0.060
+0.040
+0.020
LEVEL
-0.020
-0.040
-0.060
-0.080

NB 8+420	NB 8+440	NB 8+460	NB 8+480	NB 8+500	NB 8+520	NB 8+540	NB 8+560	NB 8+580	NB 8+600	NB 8+620	NB 8+640	NB 8+660	NB 8+680	NB 8+700	NB 8+720	NB 8+740	NB 8+760	NB 8+780
253.55	252.94	252.53	252.03	250.36	246.62	240.42	235.36	231.00	230.50	230.20	228.50	239.76	246.77	249.80	251.40	252.61	253.00	253.00
262.199	261.236	260.280	259.368	258.507	257.697	256.938	256.230	255.573	254.967	254.411	253.907	253.447	252.994	252.540	252.087	251.634	251.180	250.127

4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

k:\k98020\ tBenn\Highway\Plotfiles\Profiles\mlprol3.ptf

VERMONT AGENCY OF TRANSPORTATION

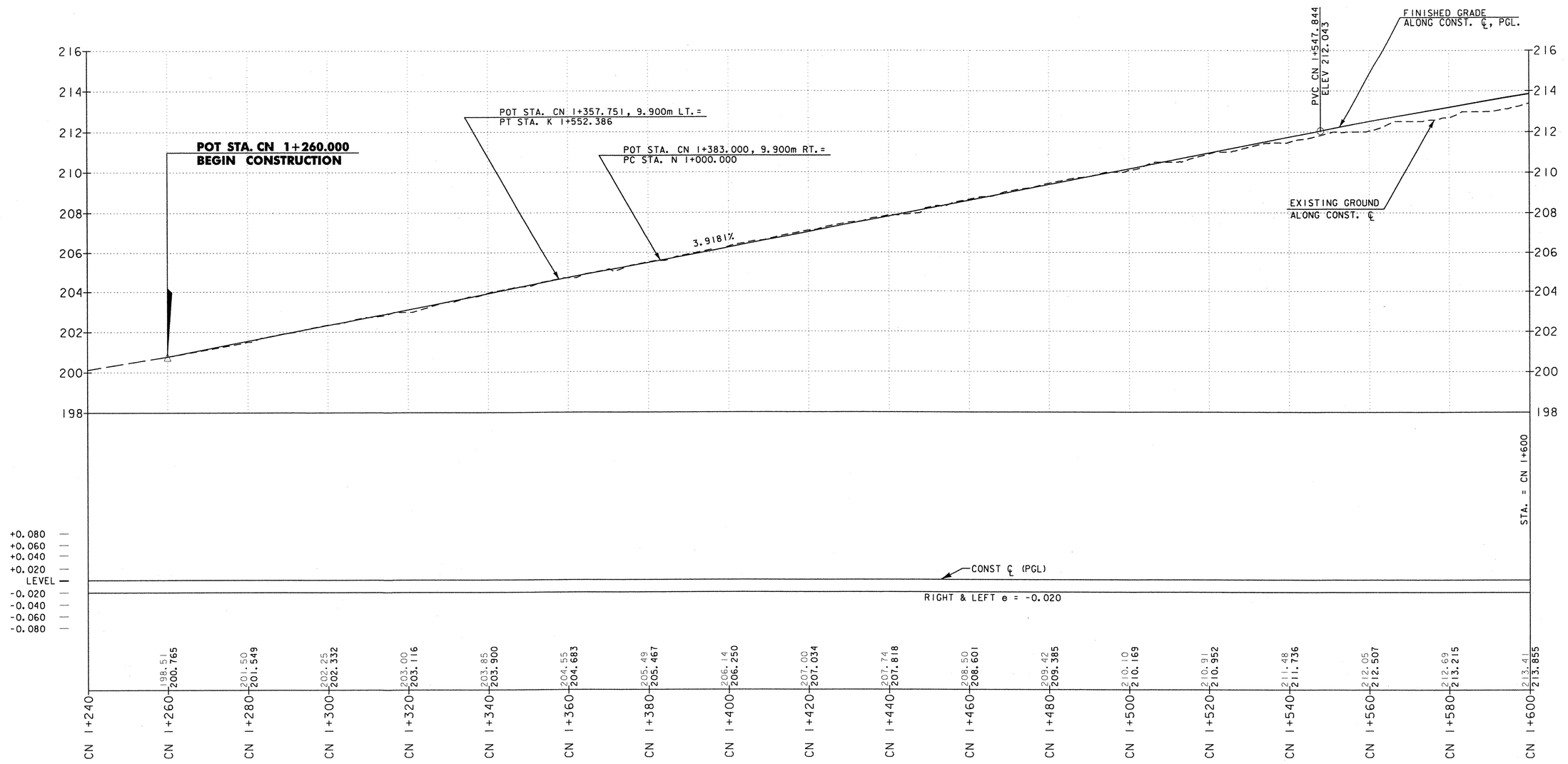
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\mlprol3.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
NORTHBOUND - PR-9

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 38 OF 112

Metric



4 M
2
10 20 M

H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

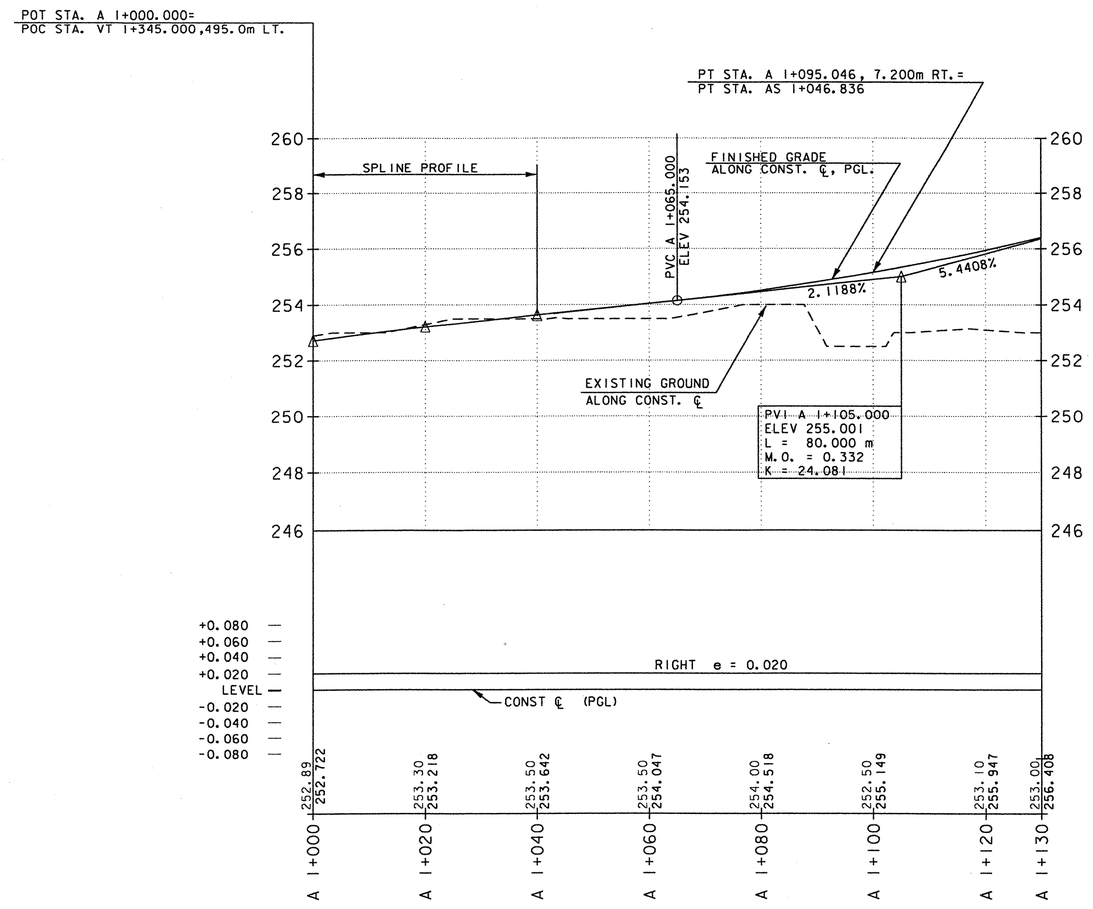
PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

REVISED

FILE NAME: ...\Profiles\Rt7Connector.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
ROUTE 7 CONNECTOR - PR-23

PLOT DATE: 11/20/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 39 OF 112

K:\1638\020 (Benn)\Highway\Plotfiles\Profiles\Rt7Connector.ptf



4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

K:\63800201 (benn)\highway\plotfiles\profiles\rampa.ptf

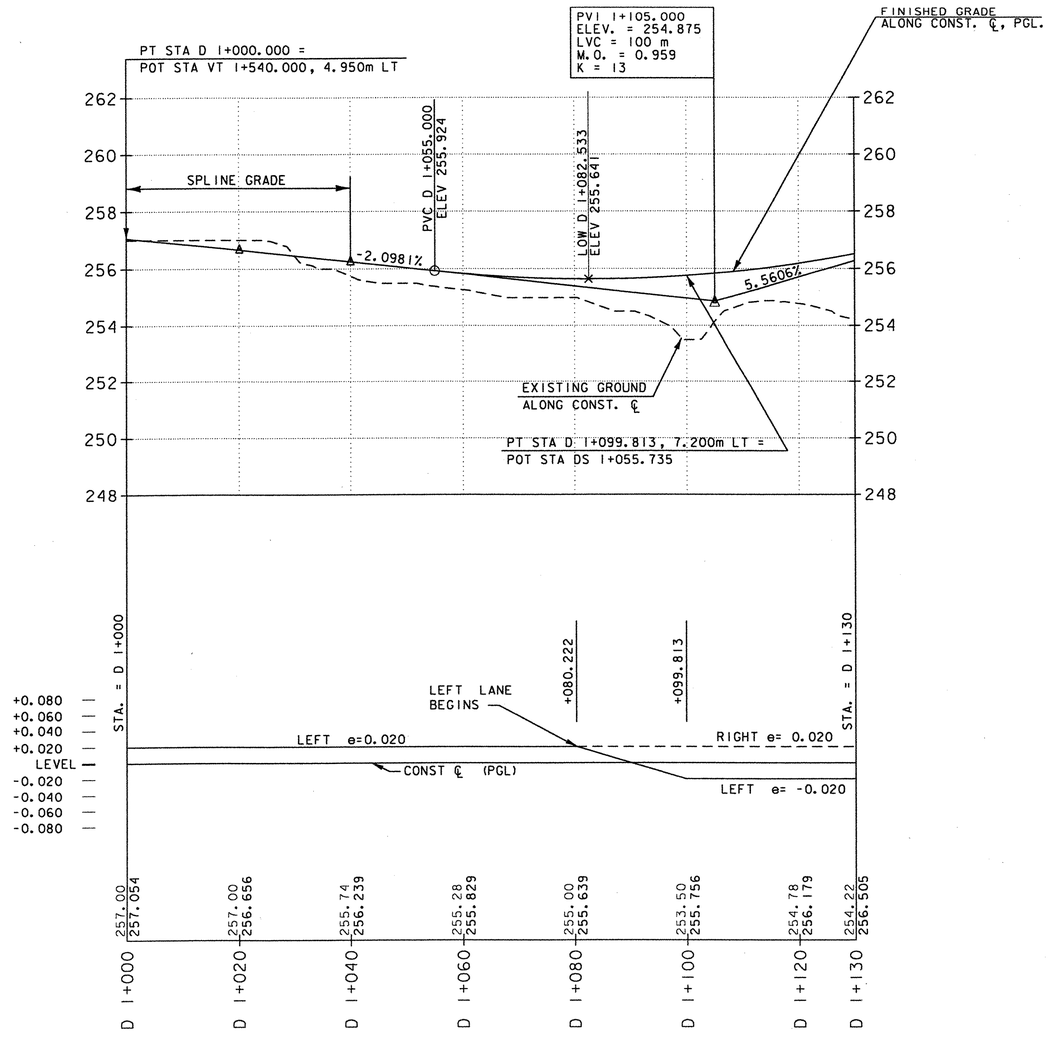
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\rampa.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
RAMP A - PR-33

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 40 OF 112



4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

K:\16380020 (Benn\Highway\Plot Files\Profiles\RampD.ptf

VERMONT AGENCY OF TRANSPORTATION

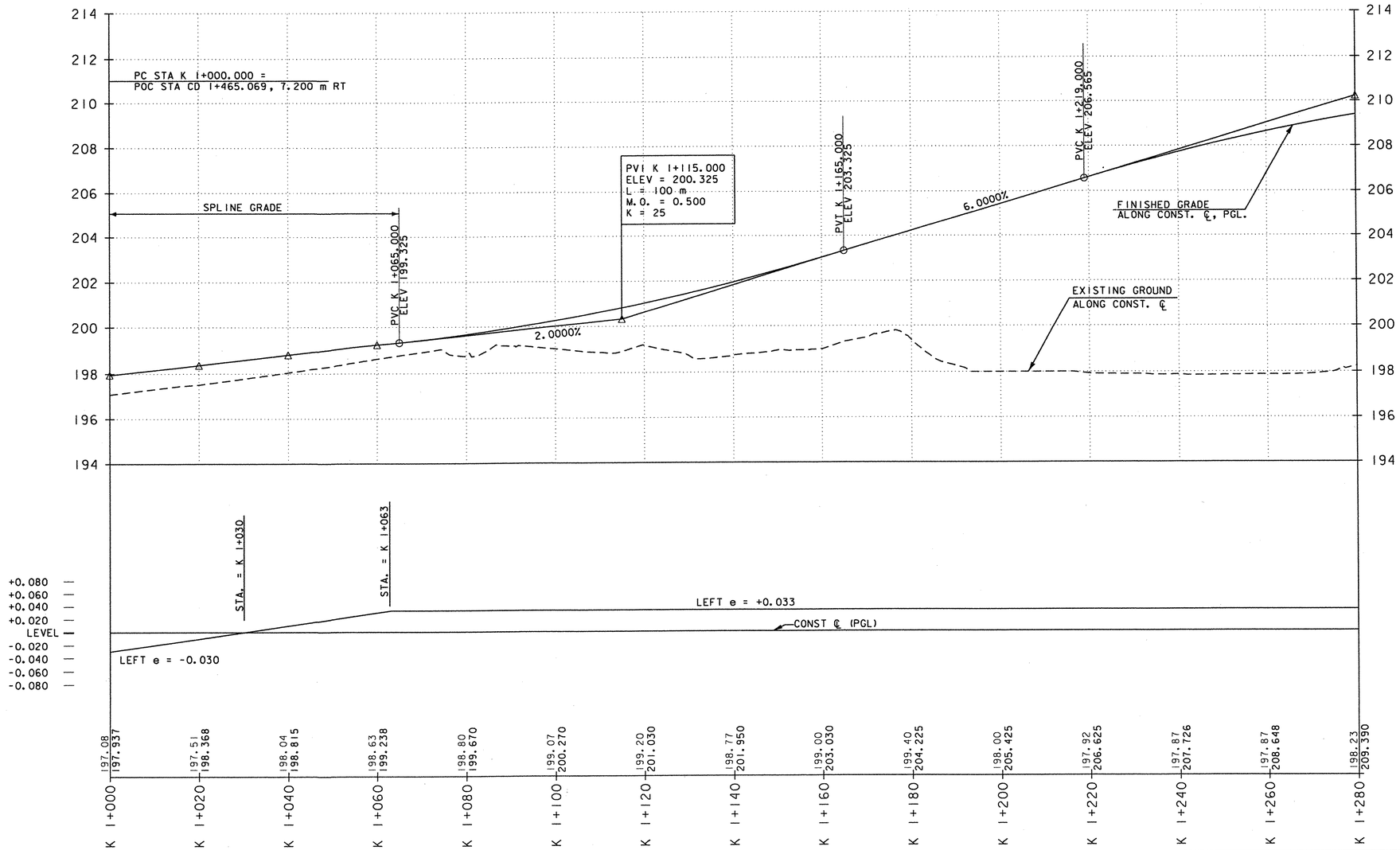
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\RampD.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
RAMP D - PR-37

PLOT DATE: 05/28/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 41 OF 112

Metric



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

K:\638020 (Barn\Highway\Plotfiles\Profiles\RampK.ptf

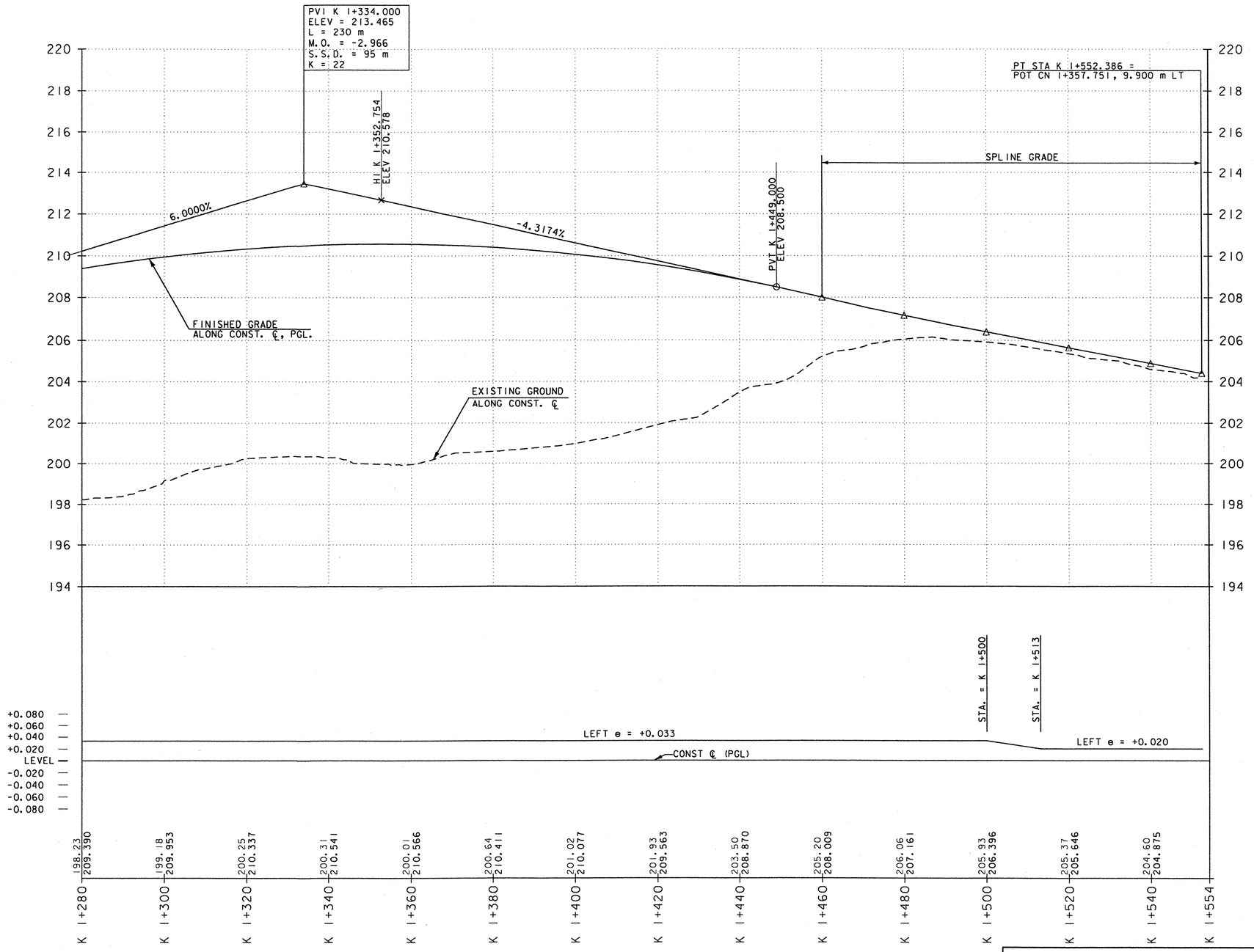
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\RampK.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
RAMP K - PR-45

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 42 OF 112



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\RampK.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
RAMP K - PR-46

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 43 OF 112

K:\6380020 (Benn)\Highway\PlotFiles\Profiles\RampK.ptf

Metric

POC STA NB 6+013.726 =
POT STA VT 1+444.106

℄

POT STA VT 1+200.000
BEGIN APPROACH

POC STA VT 1+345.000, 4.950m LT =
POT STA RAMP A 1+000.000

FINISH GROUND
ALONG CONST ℄

PVI VT 1+260.000
ELEV 250.850

PVI VT 1+430.000
ELEV 254.933

MINIMUM
CLEARANCE
SEE BRIDGE
PLANS

PVI VT 1+496.000
ELEV 256.282

1.7436%

2.5545%

2.3765%

EXISTING GROUND
ALONG CONST ℄

POT STA VT 1+438.235, 10.579m LT =
PC STA AS 1+000.000 =
PC STA DS 1+000.000

POC STA VT 1+260.000
END APPROACH
BEGIN CONSTRUCTION

PVI VT 1+460.000
ELEV 255.759
L = 60.000 m
K = 74
M.O. =-0.061 m
SSD = 436 m

266 264 262 260 258 256 254 252 250 248 246 244

+0.080
+0.060
+0.040
+0.020
LEVEL
-0.020
-0.040
-0.060
-0.080

CONST ℄ (PGL)

LEFT e = -0.025

RIGHT e = -0.030

LEFT & RIGHT e = -0.020

VT 1+180	VT 1+200	VT 1+220	VT 1+240	VT 1+260	VT 1+280	VT 1+300	VT 1+320	VT 1+340	VT 1+360	VT 1+380	VT 1+400	VT 1+420	VT 1+440	VT 1+460	VT 1+480	VT 1+500	VT 1+520
248.60	249.00 249.224	249.50 249.699	250.00 250.175	250.50 250.650	251.00 251.161	251.54 251.672	252.11 252.183	252.69 252.694	253.06 253.205	253.50 253.715	254.00 254.226	254.50 254.737	255.00 255.241	255.50 255.698	255.90 256.101	256.12 256.457	256.59 256.805

4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

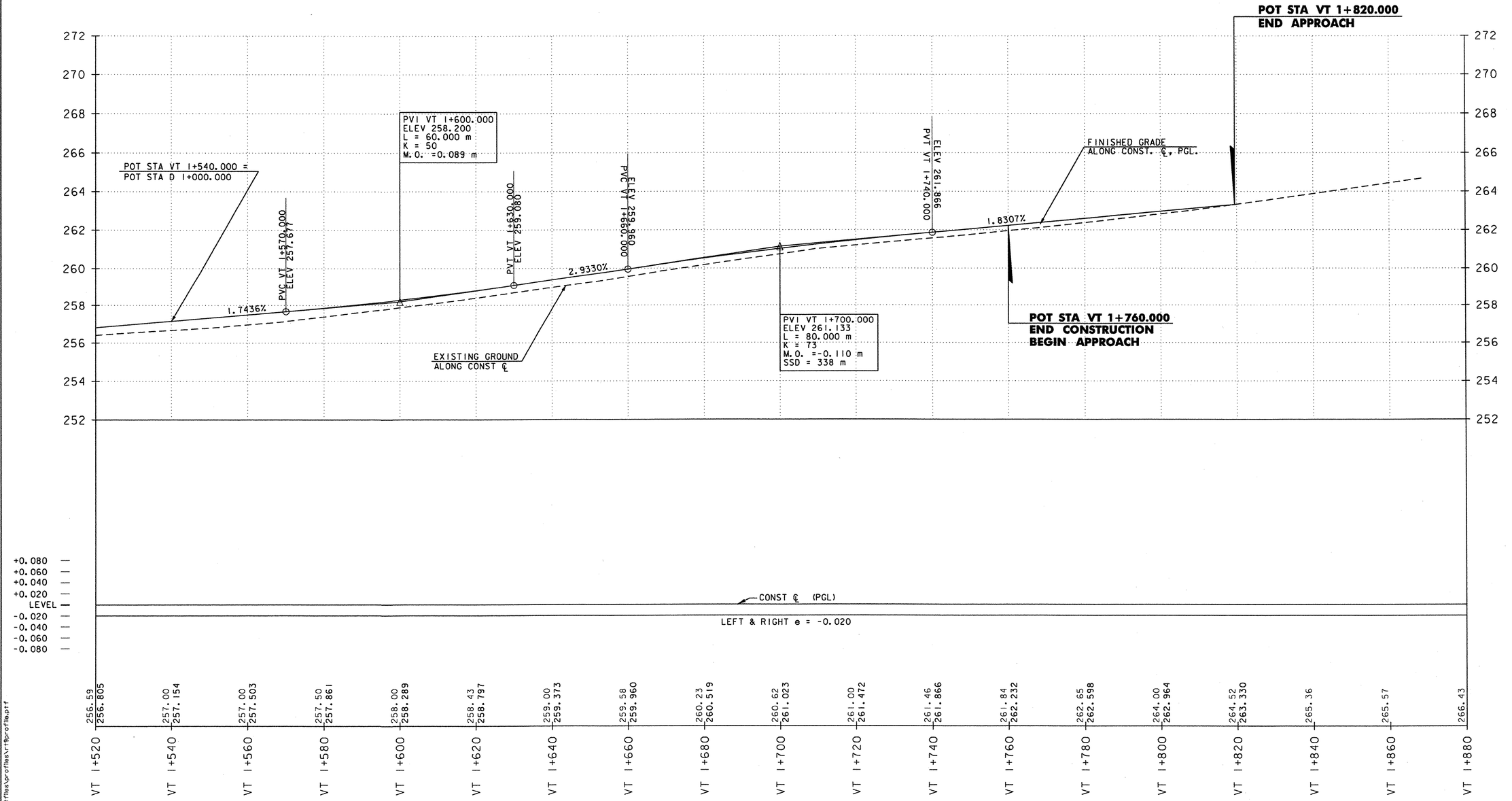
REVISED

FILE NAME: ...\Profiles\Rt9Profile.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
VT ROUTE 9 - PR-56

PLOT DATE: 11/24/2004
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 44 OF 112

K:\638020 (Benn)\Highway\PlotFiles\Profiles\Rt9Profile.ptf

Metric



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

K:\6380020 (benn)\highway\plotfiles\profiles\rt9profile.ptf

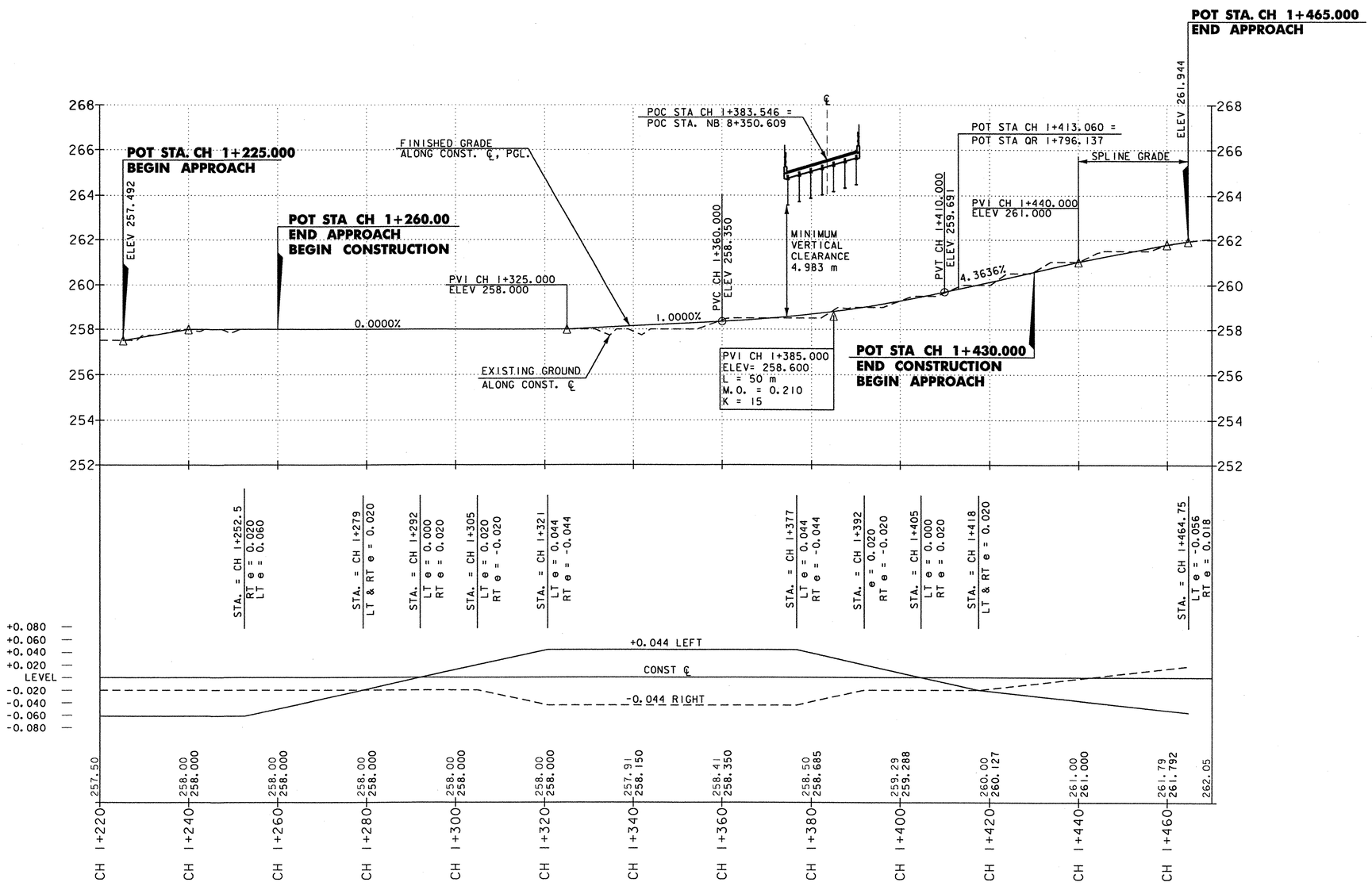
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\rt9profile.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
VT ROUTE 9 - PR-57

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 45 OF 112



4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

k:\638020 (benn)\highway\plotfiles\profiles\chapel.ptf

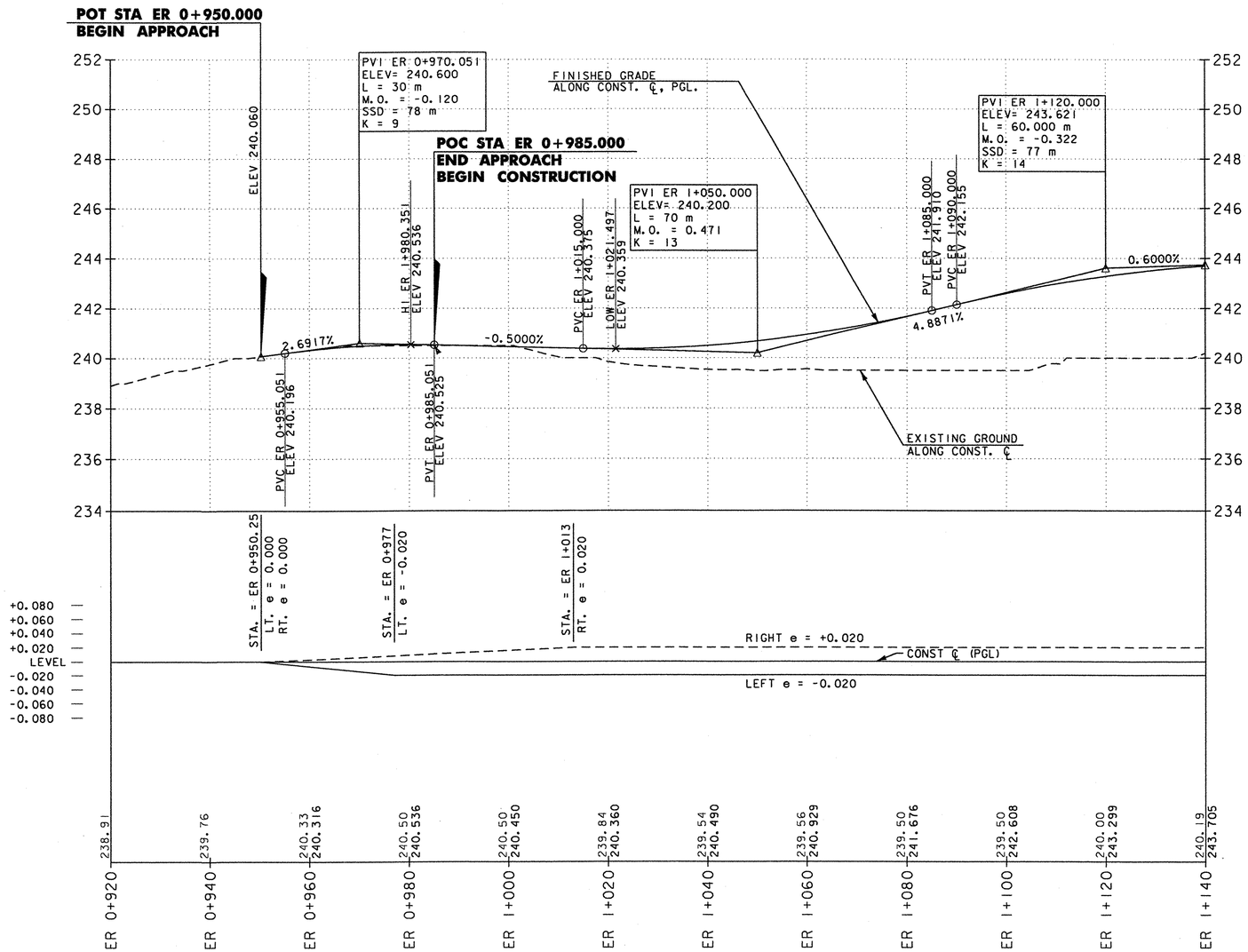
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\chapel.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
CHAPEL ROAD - PR-58

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 46 OF 112



4 M
2
10 20 M
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

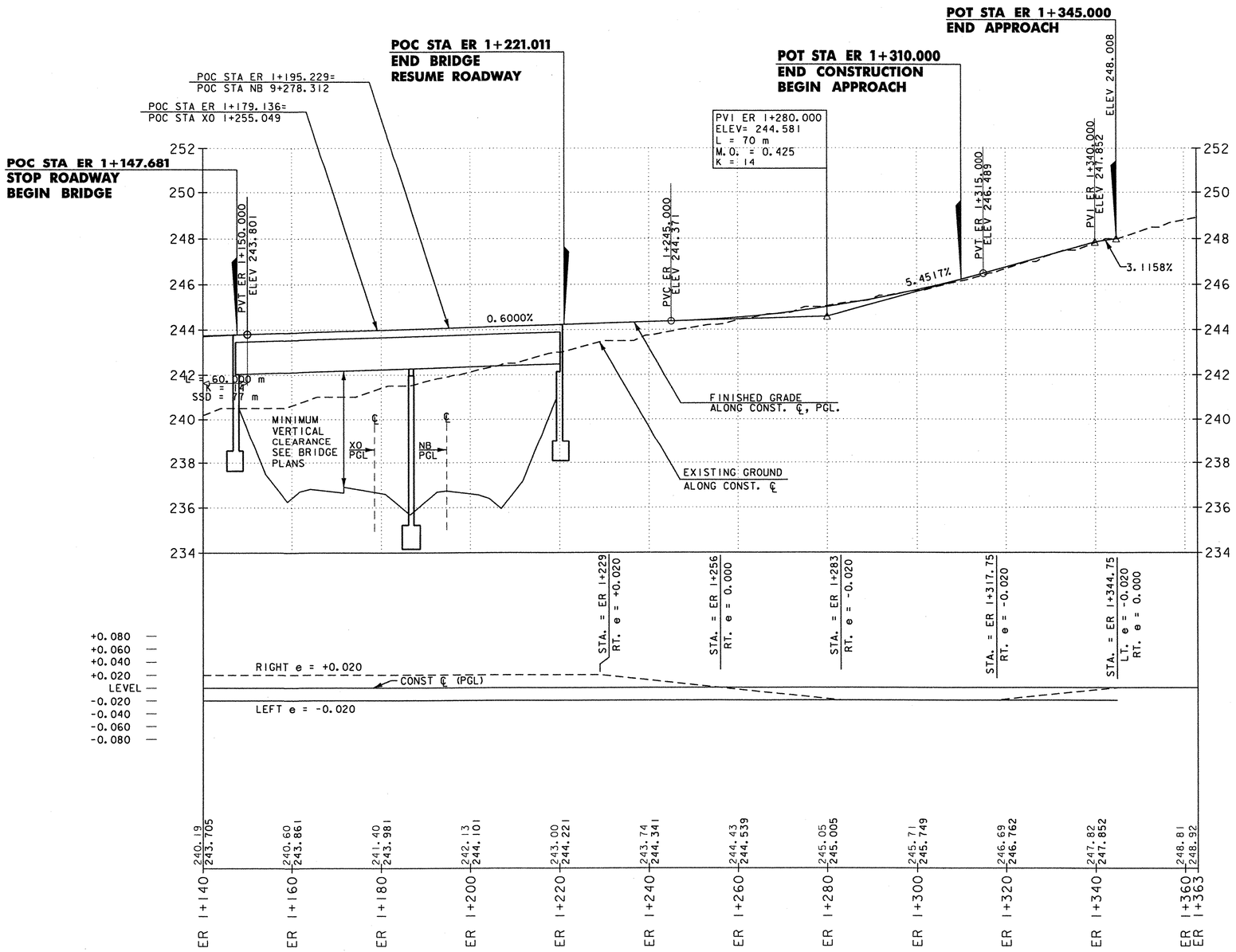
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\east.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
EAST ROAD - PR-59

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 47 OF 112

K:\6380020 (benn\highway\plotfiles\profiles\east.ptf



4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

VERMONT AGENCY OF TRANSPORTATION

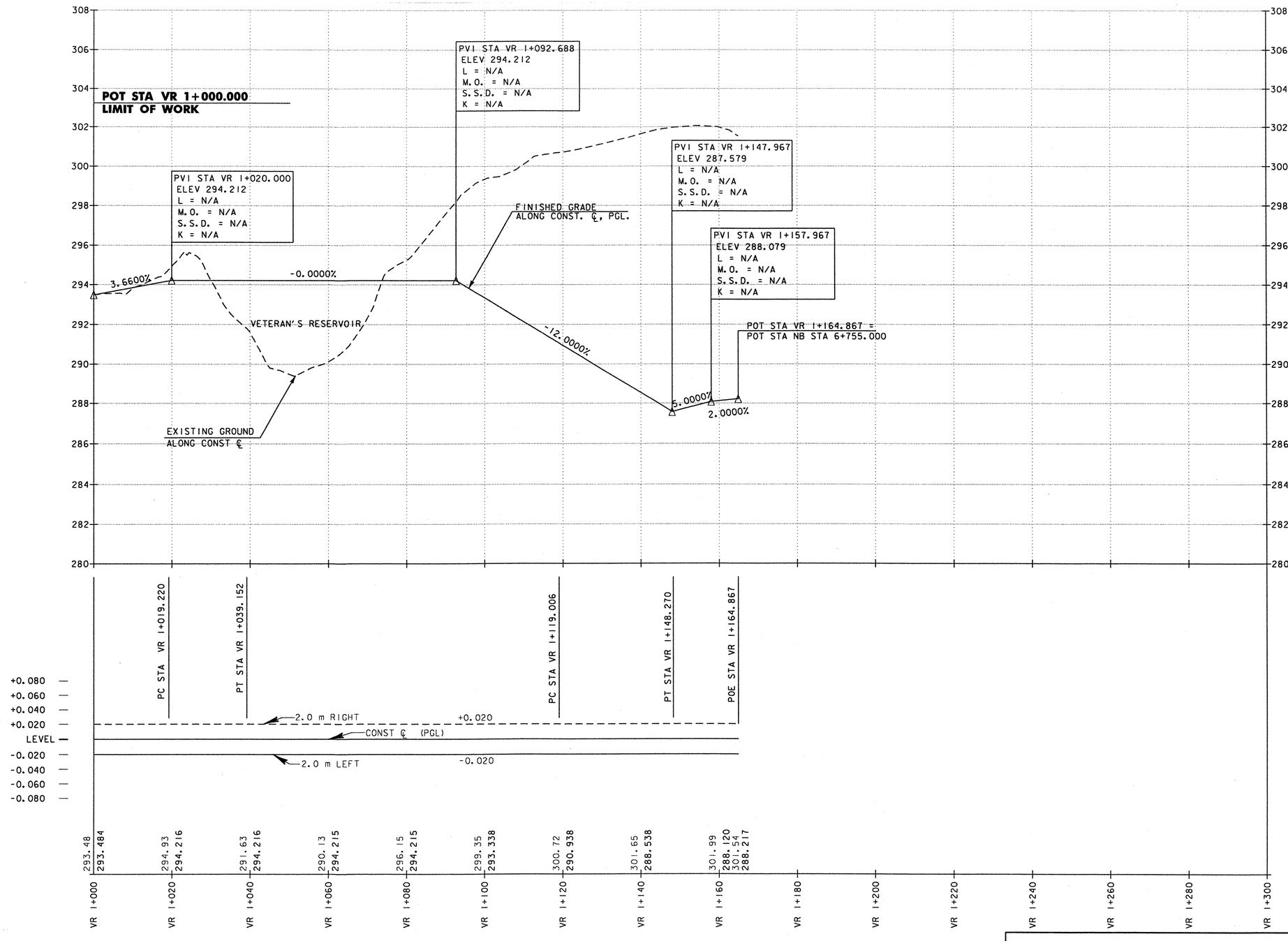
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\east.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
EAST ROAD - PR-60

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 48 OF 112

K:\6380020 (benn\highway\plotfiles\profiles\east.ptf



4 M
2
10 20 M

H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE

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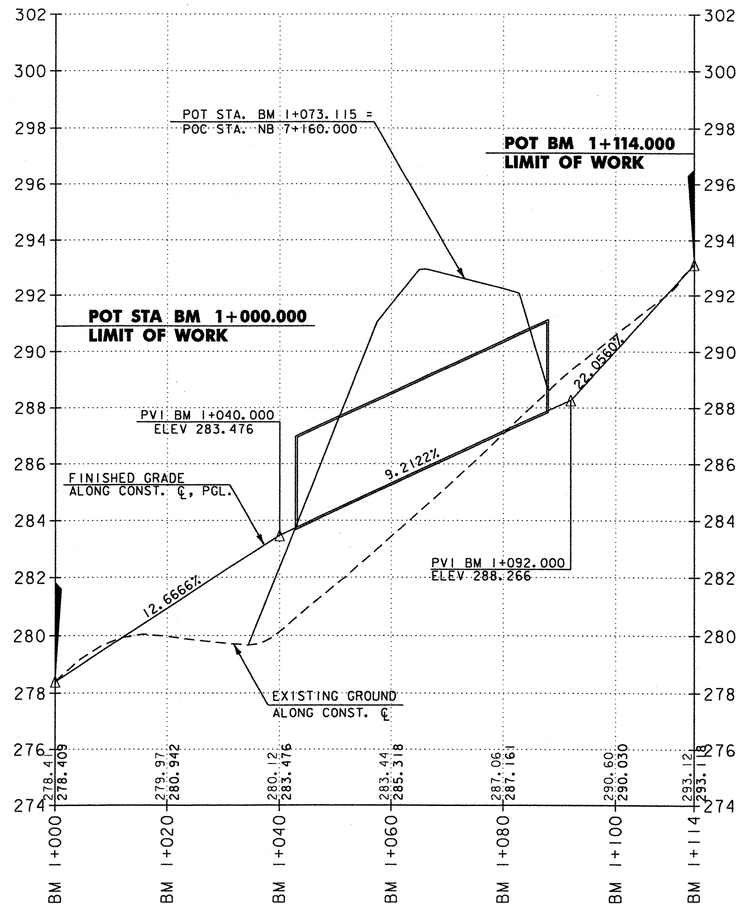
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\vet_res.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
VET. RES. – PR-61

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 49 OF 112



4 M
2
H 1:500 SCALE
V 1:100 SCALE
@ FULL SIZE
10 20 M

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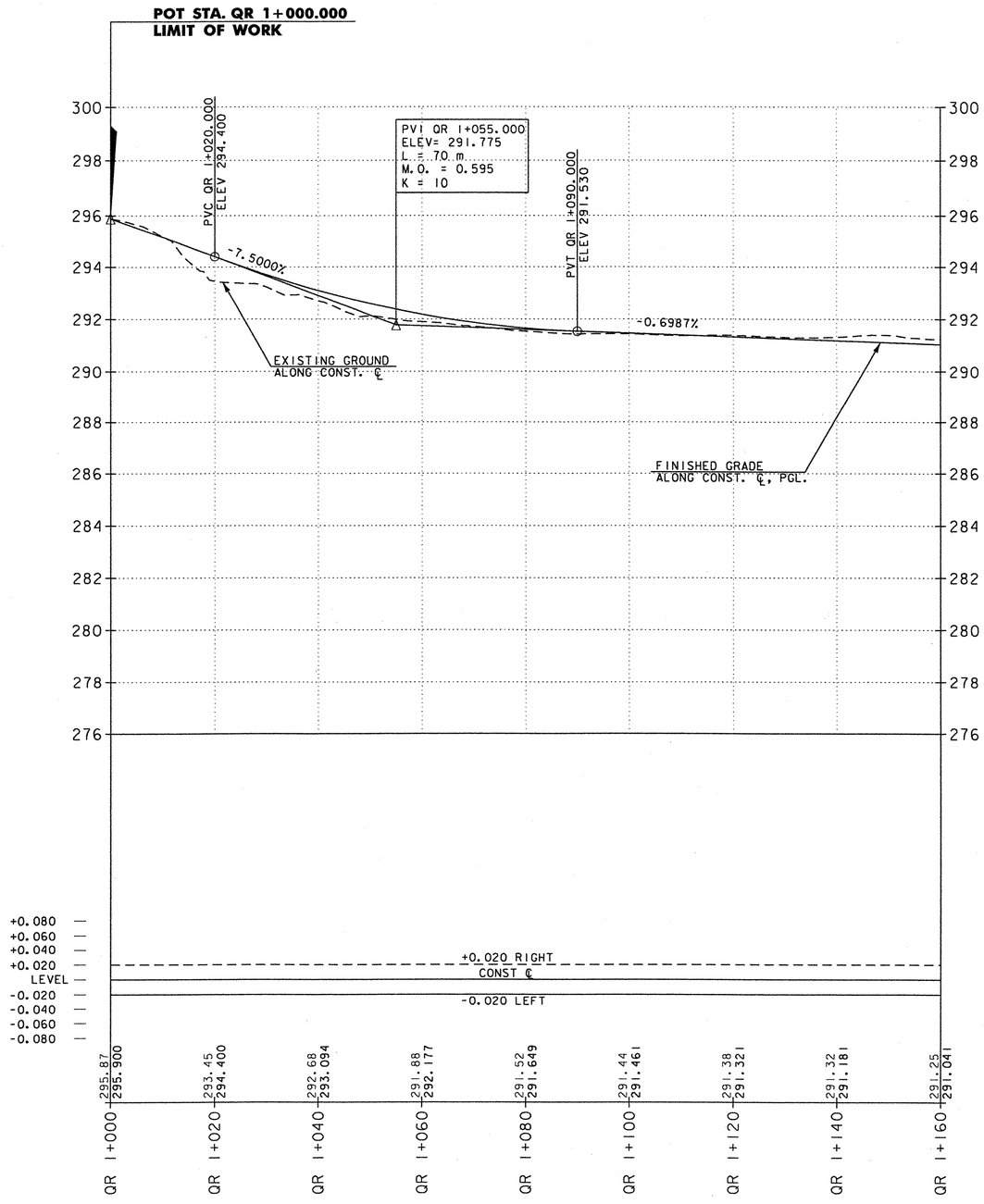
VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\BALDMTTRAIL.PTF
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
BALD MTN. TRAIL – PR-62

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 50 OF 112



Metric

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VERMONT AGENCY OF TRANSPORTATION

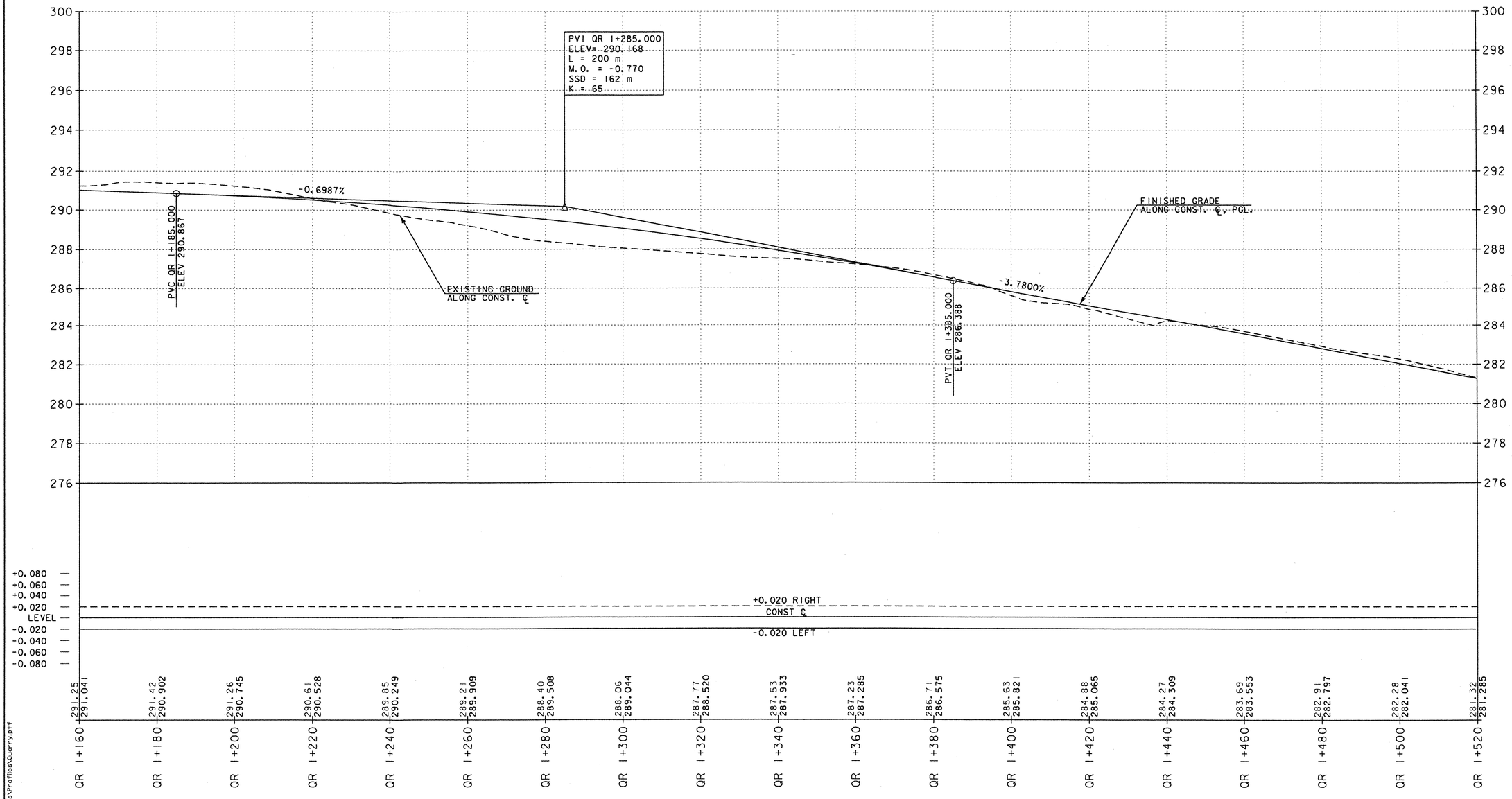
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\Quarry.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
QUARRY DRIVE - PR-63

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 51 OF 112

Metric



K:\6380020 (Benn)\Highway\ProFiles\Profiles\Quarry.ptf

VERMONT AGENCY OF TRANSPORTATION

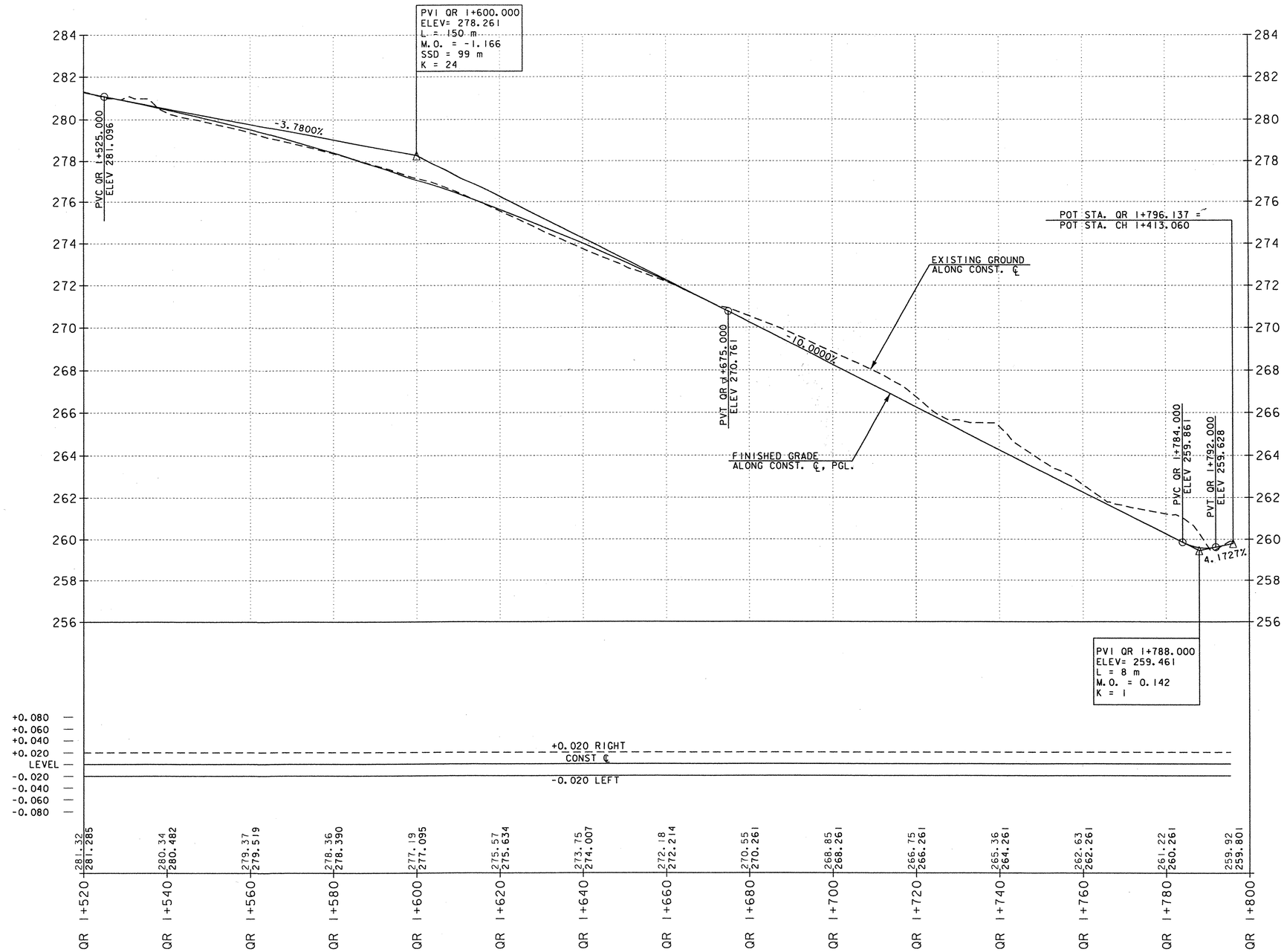
Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\Quarry.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
QUARRY DRIVE - PR-64

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 52 OF 112

Metric



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VERMONT AGENCY OF TRANSPORTATION

Dufresne-Henry

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)

FILE NAME: ...\Quarry.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: BJM/MARC FOISY
QUARRY DRIVE - PR-65

PLOT DATE: 05/27/2003
DRAWN BY: DUFRESNE-HENRY
CHECKED BY: GARY SANTY
SHEET 53 OF 112

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT-OF-WAY PLANS ALPHABETICAL INDEX

VAOT Metric

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GRANTOR	SHEET NO.	PARCEL NO.
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X		
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Z		
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PROJECT NAME:	Bennington
PROJECT NUMBER:	NH F019-1(5)
FILE NAME:	NORTHALPHA
PROJECT LEADER:	VSE
DESIGNED BY:	D-H
PLOT DATE:	3/26/07
DRAWN BY:	GAK
CHECKED BY:	JDP
ALPHABETICAL INDEX SHEET #1	SHEET 54 OF 112

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

USMetric

TABLE OF PROPERTY ACQUISITION

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	
1A	STATE OF VERMONT	4,AA	NB 5+651.03 LT	NB 5+764.19 LT						WD	10/12/2001	BENNINGTON	375	155	FORMERLY RACICOT, SELINA M.
1B		4,AA	NB 5+750.00 LT	NB 5+772.02 LT			ALL R, T, & I								HWY EASE TH 504
2A	STATE OF VERMONT	4,AA	NB 5+681.15 LT	NB 5+750.00 LT						WD	10/29/2003	BENNINGTON	402	105	FORMERLY VANDER RIET, DEBORAH K.
2B		4,AA	NB 5+739.01 LT	NB 5+757.83 LT			ALL R, T, & I								HWY EASE TH 504
3	NOT USED														
4	NOT USED														
5A	STATE OF VERMONT	4,5,AA	NB 5+746.94 RT	NB 5+811.50 RT						WD	10/2/2001	BENNINGTON	375	69	FORMERLY PURDY, ROBERT
5B		4,AA	NB 5+739.52 RT	NB 5+756.43 RT			ALL R, T, & I								HWY EASE TH 504
6A	STATE OF VERMONT	4,5,AA	NB 5+756.43 RT	NB 5+815.56 LT						WD	9/11/2001	BENNINGTON	374	142	FORMERLY GATES, WINFIELD P. SR. & ISABELLE E.
6B		4,AA	NB 5+749.02 CL	NB 5+765.69 LT			ALL R, T, & I								HWY EASE TH 504
7A	STATE OF VERMONT	4,5,AA	NB 5+765.69 LT	NB 5+822.20 LT						WD	1/10/2002	BENNINGTON	378	126	FORMERLY SMITH, TIMOTHY D.
7B		4,AA	NB 5+757.83 LT	NB 5+786.34 LT			ALL R, T, & I								HWY EASE TH 504
8A	STATE OF VERMONT	4,5,AA	NB 5+786.34 LT	NB 5+917.00 LT						WD	9/18/2001	BENNINGTON	374	188	FORMERLY KNAPP, ELLEN G.
8B		4.5,AA	NB 5+778.36 LT	NB 5+802.45 LT			ALL R, T, & I								HWY EASE TH 504
9A	STATE OF VERMONT	12,EE	NB 8+293.75 RT	NB 8+347.37 RT	0.082± HA					WD	5/11/2004	BENNINGTON	408	137	0.20± A LIMITED ACCESS
9B		12,EE	NB 8+184.64 RT	NB 8+355.67 RT	4.0± HA										FORMERLY PARK, JASON E. & TRACY D. 9.8± A
9C		12,EE	NB 8+337.50 RT	NB 8+361.97 RT	0.046± HA		ALL R, T, & I								0.11± A HWY EASE TH 16
				TOTAL	4.128± HA										10.11± A
10A	STATE OF VERMONT	28,31, AA	VT 1+379.62 RT	VT 1+413.12 RT	0.17± HA					WD	10/21/2003	BENNINGTON	402	29	0.42± A FORMERLY LONG, ROBERT B. & KATHERINE B.
10B		28,AA	VT 1+392.62 RT	VT 1+413.74 RT	0.015± HA		ALL R, T, & I								1614± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.185± HA										0.46± A
11A	STATE OF VERMONT	28,31, 32,AA	VT 1+405.21 RT	VT 1+471.65 RT	0.42± HA					WD	9/17/2005	BENNINGTON	424	157	1.0± A FORMERLY FENDLER, REED H.
11B		28,AA	VT 1+413.12 RT	VT 1+474.15 RT	0.045± HA		ALL R, T, & I								0.11± A HWY EASE TH 2 / VT RTE 9
				TOTAL	0.465± HA										1.11± A

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	56,99	PARCEL NO. 17 THOMAYER. REVISED TAKE LINE ON ROW SHEET 27 (99 0F 112) AND DETAIL SHEET 2 (56 OF 112) PER C.O. 9453	6/5/06
2	57,70	PARCEL NO. 21 CENTRAL VERMONT PUBLIC SERVICE CORPORATION. REVISED TAKE LINE ON ROW SHEET 6 (70 OF 112) AND DETAIL SHEET 3 (57 OF 112) PER C.O. 9454	6[5[06
3	59,102	PARCEL NO. 40 SHERMAN. CHANGED TAKE TO EASEMENT(P) ROW SHEET 30 (102 OF 112) AND DETAIL SHEET 5 (59 0F 112) PER C.O. 9455	6/5/06
4	60,76	PARCEL NO. 48 JEPSON. REVISED PROPERTY LINE PER PROUTY SURVEY ON ROW SHEET 9 (76 OF 112) AND ADJUSTED CONST(T) AND DIT&DR(P) ON DETAIL SHEET 6 (60 OF 112) PER C.O. 9463	7/12/06
5	60,76	PARCEL NO. 49 PROUTY. REVISED PROPERTY LINE PER PROUTY SURVEY ON ROW SHEET 9 (76 OF 112) AND ADJUSTED CONST(T) AND DIT&DR(P) ON DETAIL SHEET 6 (60 OF 112) PER C.O. 9464	7/12/06
6	62,88, 94	PARCEL NO. 65 BENNINGTON SCHOOL DISTRICT, INC. DRAINAGE DESIGN CHANGED ON ROW SHEET 17 (88 OF 112) AND ROW SHEET 22 (94 OF 112). REVISED CONST(T), SR(P), AND ELIMINATED DIT&DR(P), CUL(P), AND LANDSCAPE(T) ON DETAIL SHEET 8 (62 OF 112) PER C.O. 9469	7/12/06
7	54, 57, 69, 100, 104	PARCEL NO. 26 NILES. OWNERS ARE MELODY V. NILES & MARK J. NILES. CHANGE OF NAME ISSUED BY BENNINGTON PROBATE COURT DATED 1/23/02. REVISED NAME ON ROW SHEET 5-A (69 OF 112), ROW SHEET 28 (100 OF 112), ROW SHEET 32 (104 OF 112), ALPHABETICAL INDEX #1 (54 OF 112) AND DETAIL SHEET 3 (57 OF 112) PER C.O. 9470	07/26/06
8	62, 86	PARCEL NO. 60 HOOD. REVISED LOCATION OF DRIVE AND DRIVE CULVERT ON ROW SHEET 15 (86 OF 112) AND REVISED STATIONS OF DRIVE(T) AND CUL(T) ON DETAIL SHEET 8 (62 OF 112) PER C.O. 9483	1/17/07
9	54, 59, 69-78, 80, 82, 84, 106	PARCEL NO. 44 VT TRANSCO LLC. NAME CHANGED FROM VERMONT ELECTRIC POWER COMPANY, INC. (VELCO) TO VERMONT TRANSCO LLC (VT TRANSCO). NAME CHANGED ON ALPHABETICAL INDEX #1 (54 OF 112), DETAIL SHEET 5 (59 OF 112), ROW SHEETS 5A-10 (69-78 OF 112), ROW SHEET 11 (80 OF 112), ROW SHEET 12 (82 OF 112), ROW SHEET 13 (84 OF 112), AND ROW SHEET AA (106 OF 112) PER C.O. 9487	3/8/07
10	54, 56, 99, 103, 106	PARCEL NO. 16 KIPP. NAME CHANGED FROM MAXFIELD, GARTH & SARAH TO KIPP, BRENT & RACHEL ON ALPHABETICAL INDEX #1 (54 OF 112), DETAIL SHEET 2 (56 OF 112), ROW SHEET 27 (99 OF 112), ROW SHEET 31 (103 OF 112) AND ROW SHEET AA (106 OF 112) PER C.O. 9488	3/12/07
11	54, 56, 99, 106	PARCEL NO. 17 THOMAYER. NAME CHANGED FROM THOMAYER, HENRY & HAMILTON, CYNTHIA TO THOMAYER, HENRY & CYNTHIA (FORMERLY KNOWN AS CYNTHIA HAMILTON) ON ALPHABETICAL INDEX #1 (54 OF 112), DETAIL SHEET 2 (56 OF 112), ROW SHEET 27 (99 OF 112) AND ROW SHEET AA (106 OF 112) PER C.O. 9489	3/12/07
12	54, 57, 99, 100	PARCEL NO. 22 SLEEMAN. NAME CHANGED FROM SLEEMAN, RICHARD TO SLEEMAN, RICHARD A. ESTATE ON ALPHABETICAL INDEX #1(54 OF 112), DETAIL SHEET 3 (57 OF 112), ROW SHEET 27 (99 OF 112) AND ROW SHEET 28 (100 OF 112) PER C.O. 9490	3/12/07
13	54, 57, 82, 83, 109, 110	PARCEL NO. 23 WATSON. NAME CHANGED FROM WATSON, RALPH E. & CYNTHIA W. TO WATSON, CYNTHIA W. ON ALPHABETICAL INDEX #1 (54 OF 112), DETAIL SHEET 3 (57 OF 112), ROW SHEET 12 (82 OF 112), ROW SHEET 12A (83 OF 112), ROW SHEET DD (109 OF 112), AND ROW SHEET EE (110 OF 112) PER C.O. 9491	3/12/07
14	54, 59, 100, 101, 102	PARCEL NO. 42 SLEEMAN. NAME CHANGED FROM SLEEMAN, RICHARD A. & ISABELL R. TO SLEEMAN, ISABELL R. ON ALPHABETICAL INDEX #1 (54 OF 112), DETAIL SHEET 5 (59 OF 112), ROW SHEET 28 (100 OF 112), ROW SHEET 29 (101 OF 112) AND ROW SHEET 30 (102 OF 112) PER C.O. 9492	3/12/07
15	59	PARCEL NO. 44 VERMONT TRANSCO LLC. REMOVED "BY OPTION ONLY" - ALL R, T, & I TO UTILITY EASEMENT AT NB 8+174.51 LT TO NB 8+297.6 LT ON DETAIL SHEET 5 (59 OF 112) PER C.O. 9493	3/12/07

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CZ — CLEAR ZONE
- P / L — PROPERTY LINE
- TOE OF SLOPE
- TOP OF CUT
- SR (P) — SLOPE RIGHT
- CONST. (T) — CONSTRUCTION RIGHT

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **4/9/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #1 SHEET **55** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
12A	STATE OF VERMONT	32,AA	VT 1+441.72 RT	VT 1+487.62 RT	0.17± HA					WD	8/28/2001	BENNINGTON	374	62	0.42± A
															FORMERLY PINSKER, RUTH
12B		32,AA	VT 1+460.21 RT	VT 1+487.62 RT	0.016± HA		ALL R, T, & I								1722± SF HWY EASE TH 506
				TOTAL	0.186± HA										0.46± A
13A	STATE OF VERMONT	28,32, AA	VT 1+456.65 RT	VT 1+497.82 RT	0.14± HA					WD	6/9/2005	BENNINGTON	421	58	0.35± A
															FORMERLY STEWART, JOHN S.
13B		28,AA	VT 1+471.65 RT	VT 1+498.67 RT	0.019± HA		ALL R, T, & I								2045± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.159± HA										0.39± A
14A	NILES, RANDALL C. & RITA C.	28,AA	VT 1+497.28 RT	VT 1+517.45 RT	71± SM					WD	5/8/2007	BENNINGTON	443	117	764± SF
		28	VT 1+499.6 RT				REMOVE	T							REGRADE, SEED & MULCH EX GRAV DRIVE
		28,32	VT 1+502.5 RT	NB 5+914.5 RT			DRIVE	T							3.6 m BIT.
		28	VT 1+497.8 RT	VT 1+517.45 RT			REMOVE & RESET	T							CHAINLINK FENCE
		28	VT 1+497.28 RT	VT 1+517.20 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		28	VT 1+497.3 RT	VT 1+517.2 RT			LANDSCAPE	T							
14B		28,AA	VT 1+497.82 RT	VT 1+518.24 RT	0.015± HA		ALL R, T, & I								1614± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.022± HA										2378± SF
15A	STATE OF VERMONT	27,31, AA	VT 1+328.67 RT	VT 1+368.76 RT	0.18± HA					WD	1/15/2002	BENNINGTON	378	172	0.45± A
															FORMERLY GUERARD, DEBORAH A. &
															BABCOCK, SHIRLEY F.
15B		27,AA	VT 1+346.82 RT	VT 1+369.80 RT	0.016± HA		ALL R, T, & I								1722± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.196± HA										0.48± A
16A	KIPP, BRENT & RACHEL	27,AA	VT 1+289.00 RT	VT 1+346.82 RT	0.032± HA					COND	4/19/2007	BENNINGTON	443	5	3444± SF
		27	VT 1+289.00 RT	VT 1+292.46 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
		27	VT 1+303.1 RT				INSTALL & MAINTAIN	P							GUY WIRE
		27	VT 1+310.0 RT				DRIVE	T							3.6 m BIT.
		27	VT 1+289.00 RT	VT 1+345.70 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		27	VT 1+342.5 RT				REMOVE	T							REGRADE, SEED, MULCH EXIST GRAV DR
		27	VT 1+289.0 RT	VT 1+345.7 RT			LANDSCAPE	T							
16B		27,AA	VT 1+292.30 RT	VT 1+348.28 LT	0.040± HA		ALL R, T, & I								4305± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.072± HA										0.18± A
17A	THOMAYER, HENRY &	27,AA	VT 1+244.09 RT	VT 1+292.30 RT	0.014± HA					COND	4/19/2007	BENNINGTON	443	5	1507± SF
	CYNTHIA (FORMERLY KNOWN AS	27	VT 1+267.5 RT	VT 1+290.35 RT			SR	T	19± SM						205± SF
	CYNTHIA HAMILTON)	27	VT 1+250.0 RT	VT 1+289.0 RT			LANDSCAPE	T							
		27	VT 1+289.00 RT	VT 1+292.46 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
17B		27,AA	VT 1+224.74 RT	VT 1+296.57 LT	0.051± HA		ALL R, T, & I								0.13± A HWY EASE TH 2 / VT RTE 9
				TOTAL	0.065± HA										0.16± A
18	BABCOCK, GEORGE A. & SHIRLEY E.	27	VT 1+218.0 RT				DRIVE	T		WD	10/24/2006	BENNINGTON	437	142	5.6 m GRAVEL
		27,AA	VT 1+213.74 RT	VT 1+229.72 RT	83± SM		ALL R,T,& I								893± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	83± SM										893± SF
19	NOT USED														
20	STRICSEK, BARBARA G.,	27,AA	VT 1+200.00 LT	VT 1+227.54 LT	0.019± HA		ALL R, T, & I			COND	4/19/2007	BENNINGTON	443	5	2045± SF HWY EASE TH 2 / VT RTE.9
	GEORGE, GERALD P.,														
	& HAWKINS, DEBRA G.	27	VT 1+217.4 LT	VT 1+227.9 LT			SR	T	3± SM						32± SF
				TOTAL	0.019± HA										2045± SF

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
16	62, 88, 94, 94A, 112	PARCEL NO. 65 BENNINGTON SCHOOL DISTRICT, INC. ALL RIGHTS ELIMINATED ON DETAIL SHEET 8 (62 OF 112), ROW SHEET 17 (88 OF 112), ROW SHEET 22 (94 OF 112), ROW SHEET 22A (94A OF 112), AND ROW SHEET GG (112 OF 112) PER C.O. 9484	3/22/07
17	57, 69, 70, 100, 101, 106	PARCEL NO. 21 CENTRAL VERMONT PUBLIC SERVICE CORPORATION. ADDED PARCEL 21G ON DETAIL SHEET 3 (57 OF 112), ROW SHEET 5A (69 OF 112), ROW SHEET 6 (70 OF 112), ROW SHEET 28 (100 OF 112), AND ROW SHEET 29 (101 OF 112). CHANGED "EASEMENT" TO "FACILITIES" ON DETAIL SHEET 3 (57 OF 112). ELIMINATED PARCEL AT NB 8+211.0 LT - NB 8+316.47 LT, 0.20± HA (0.49±A) ON DETAIL SHEET 3 (57 OF 112) PER C.O. 9495	4/25/07
18	56-63	ADDED RECORDING DATA TO DETAIL SHEETS 2-9 (56-63 OF 112) PER C.O. 9500	11/2/07

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME:	Bennington		
PROJECT NUMBER:	NH F019-1(5)		
FILE NAME:	NORTH.XLS	PLOT DATE:	11/02/07
PROJECT LEADER:	VSE	DRAWN BY:	GAK
DESIGNED BY:	D-H	CHECKED BY:	JDP
R.O.W. DETAIL SHEET #2		SHEET	56 OF 112

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
21A	CENTRAL VERMONT PUBLIC	6,28,AA	NB 6+078.15 LT	NB 6+315.52 LT	2.9± HA					COND	5/2/2007	BENNINGTON	443	85	7.2± A LIMITED ACCESS
	SERVICE CORPORATION														
		6,28	NB 6+077.6 LT	NB 6+202.6 LT			INSTALL	T	0.15± HA						0.37± A EROSION CONTROL & PDF
		6	NB 6+234.4 LT	NB 6+274.5 LT			CONST	T	0.071± HA						0.18± A INCL PDF & TEMP. SED. BASIN
21B		27,AA	VT 1+221.93 RT	VT 1+331.16 LT	0.080± HA		ALL R, T, & I								0.20± A HWY EASE TH 2 / VT RTE 9
		27	VT 1+227.5 LT	VT 1+243.8 LT			SR	T	8± SM						86± SF
		27	VT 1+245.3 LT				INSTALL & MAINTAIN	P							SIGN
		27	VT 1+249.1 LT				DRIVE	T							4.6 m GRAVEL
		27	VT 1+227.54 LT	VT 1+331.16 LT			DISCON & RECON	T							WATER & SEWER SERVICES
		6A,27	DRN 60+008.2 CL	DRN 60+288± CL			CUL, DIT, & DR	P	0.26± HA						0.64± A
		6A,27	VT 1+249.1 LT	DRN 60+283.0 RT			ACCESS	P	0.15± HA						0.37± A ACCESS FOLLOWS EXISTING
															FIELD DRIVE
		6A,27	DRN 60+030.6 LT	DRN 60+104.1 LT			CONST	T	96± SM						1033± SF INCLUDES PDF
		6A,27	DRN 60+031.7 RT	DRN 60+104.1 RT			CONST	T	92± SM						990± SF INCLUDES PDF
		27	DRN 60+107.0 RT	DRN 60+151.6 RT			CONST	T	0.016± HA						1722± SF INCLUDES PDF
		27	DRN 60+197.2 LT	DRN 60+287.1 LT			CONST	T	0.012± HA						1292± SF
		27	DRN 60+202.9 RT	DRN 60+290.4 RT			CONST	T	0.010± HA						1076± SF
		6A,27	DRN 60+008.2 RT	DRN 60+290.2 RT			LANDSCAPE	T							
21C		6,AA	NB 6+223.95 LT	NB 6+321.28 LT	0.17± HA										0.42± A LIMITED ACCESS
21D		7	NB 6+459.60 RT	NB 6+531.75 LT			ALL R, T, & I		0.42± HA						1.0± A UTILITY EASEMENT
		7	NB 6+459.60 RT	NB 6+531.75 LT					0.42± HA						EXCEPT & RESERVE UTILITY FACILITIES
21E		7,8,9A	NB 6+529.2 LT	NB 7+413.3 RT			ALL R, T, & I		2.2± HA						5.4± A UTILITY EASEMENT
21F		9A,10	NB 7+354.57 LT	NB 7+677.3 LT			ALL R, T, & I		0.70± HA						1.7± A UTILITY EASEMENT
21G		5A,6,28,	NB 6+081.49 RT	NB 6+291.64 RT	1.4± HA										3.5± A
		29,AA													
21H		12,13	NB 8+297.6 LT	NB 8+472.26 RT			ALL R, T, & I		0.41± HA						1.0± A UTILITY EASEMENT
				TOTAL	4.55± HA										11.24± A
22A	SLEEMAN, RICHARD A. ESTATE	27,28,	VT 1+360.00 LT	VT 1+433.63 LT	0.27± HA					WD	5/29/2007	BENNINGTON	444	63	0.67± A LIMITED ACCESS
		AA													
		27	VT 1+331.4 LT				DRIVE	T							3.4 m GRAVEL
		27	VT 1+340.6 LT	VT 1+360.0 LT			UE	P	14± SM						151± SF
		27	VT 1+331.16 LT	VT 1+360.00 LT			DISCON & RECON	T							WATER & SEWER SERVICES
		27	VT 1+359.8 LT				REMOVE	T							REGRADE, SEED & MULCH EX GRAV DR
		28	NB 6+030.1 LT	NB 6+057.2 LT			INSTALL	T	58± SM						624± SF PDF & EROSION CONTROL
		27	VT 1+331.2 LT	VT 1+360.0 LT			LANDSCAPE	T							
		28	NB 6+060.9 LT	NB 6+077.6 LT			INSTALL	T	90± SM						969± SF PDF
		27	VT 1+339.9 LT	VT 1+359.3 LT			DRIVE	T							4.9 m GRAVEL
		27	VT 1+348.6 LT	VT 1+356.5 LT			ALL R, T, & I								FOUNDATION
22B		27,28,	VT 1+329.12 LT	VT 1+433.63 RT	0.079± HA		ALL R, T, & I								0.20± A HWY EASE TH 2 / VT RTE 9
		AA													
				TOTAL	0.349± HA										0.87± A
23A	WATSON, CYNTHIA W.	12	NB 8+194.22 RT	NB 8+256.49 RT			UE	P	0.13± HA	WDOE	5/29/2007	BENNINGTON	444	64	0.32± A
23B		12	NB 8+260.88 RT	NB 8+354.95 RT			UE	P	0.44± HA						1.10± A
23C		12	NB 8+354.95 RT	NB 8+378.64 RT			UE	P	0.056± HA						0.14± A HWY EASE TH 16
23D		12	CH 1+430.6 RT				DRIVE	T							4.5 m GRAVEL
		12	CH 1+435.4 RT	CH 1+449.8 RT			SR	P	40± SM						431± SF
		12	CH 1+438.6 RT	CH 1+458.6 RT			ALL R,T,& I								STONE WALL
24A	SLEEMAN, ROSEMARY TRUSTEE	28,AA	VT 1+474.17 LT	NB 6+081.49 RT	0.25± HA					WD	4/2/2007	BENNINGTON	442	59	0.62± A LIMITED ACCESS
	SLEEMAN, ROSEMARY LIVING TRUST														
24B		28,AA	VT 1+474.15 RT	VT 1+514.91 RT	0.031± HA		ALL R, T, & I								3337± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.281± HA										0.69± A
25A	SEWARD, LILLIAN A. TRUSTEE	28,AA	VT 1+514.90 LT	VT 1+555.67 LT	0.25± HA					WD	4/2/2007	BENNINGTON	442	60	0.62± A LIMITED ACCESS
	SEWARD, LILLIAN A. LIVING TRUST														
25B		28,AA	VT 1+514.90 LT	VT 1+555.67 RT	0.031± HA		ALL R, T, & I								3337± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.281± HA										0.69± A
26A	NILES, MELODY V. & MARK J.	28,AA	VT 1+517.20 RT	VT 1+543.54 RT	65± SM					WD	1/4/2007	BENNINGTON	440	124	700± SF
		28	VT 1+517.1 RT	VT 1+543.3 RT			REMOVE & RESET	T							PICKET FENCE/STOCKADE FENCE
		28	VT 1+517.20 RT	VT 1+543.54 RT			DISCON & RECON	T							WATER & SEWER SERVICE
		28	VT 1+502.5 RT				DRIVE	T							3.6 m BIT.
		28	VT 1+517.2 RT	VT 1+543.5 RT			LANDSCAPE	T							
26B		28,AA	VT 1+517.45 RT	VT 1+543.48 RT	0.019± HA		ALL R, T, & I								2045± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.026± HA										2745± SF
27A	SWEET, DOUGLAS & LINDA	28,AA	VT 1+543.48 RT	VT 1+556.19 RT	31± SM					WD	5/29/2007	BENNINGTON	444	65	334± SF
		28	VT 1+543.5 RT	VT 1+556.1 RT			LANDSCAPE	T							
		28	VT 1+547.63 RT	VT 1+556.23 RT			SR	T	4± SM						43± SF
27B		28,29,	VT 1+543.30 RT	VT 1+563.82 RT	0.017± HA		ALL R, T, & I								1841± SF HWY EASE TH 2 / VT RTE 9,
		AA													& TH 508
				TOTAL	0.020± HA										2175± SF
28A	QUALITY PLUMBING & HEATING, INC.,	28,29,AA	VT 1+555.67 LT	VT 1+624.17 LT	0.023± HA					COND	5/2/2007	BENNINGTON	443	85	2476± SF
	LESSEE	28,29	VT 1+555.7 LT	VT 1+624.2 LT			UE	P	0.028± HA						3014± SF
	GOODRICH, STEVEN H. & JANICE E.	29	VT 1+555.67 LT	VT 1+624.17 LT			DISCON & RECON	T							WATER & SEWER SERVICE
	LESSOR	29	VT 1+573.6 LT				DRIVE	T							12.0 m GRAVEL
		29	VT 1+612.6 LT				DRIVE	T							6.5 m GRAVEL
		28	VT 1+555.67 LT	VT 1+555.67 LT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
		29	VT 1+624.17 LT	VT 1+624.17 LT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
28B		28,29,	VT 1+555.67 LT	VT 1+624.17 LT	0.052± HA		ALL R, T, & I								0.13± A HWY EASE TH 2 / VT RTE 9
		AA													
				TOTAL	0.075± HA										0.19± A

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #3 SHEET **57** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
29	BOUTIN, JESSICA A.	28,29,AA	VT 1+563.30 RT	VT 1+581.55 RT	0.017± HA		ALL R, T, & I			COND	4/19/2007	BENNINGTON	443	5	1829± SF HWY EASE TH 2 / VT RTE 9,
		29													& TH 508
		29	VT 1+571.4 RT	VT 1+581.55 RT			SR	T	21± SM						226± SF
		29	VT 1+571.32 RT	VT 1+581.55 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		29	VT 1+580.4 RT				INSTALL	T							RETAINING WALL
		29	VT 1+582.2 RT				DRIVE	T							2.5 m BIT.
			VT 1+580.4 RT				REMOVE	T							OLD RETAINING WALL
				TOTAL	0.017± HA										1829± SF
30	PALMER, GREGORY R. & JOYCE M.	29,AA	VT 1+581.27 RT	VT 1+590.65 RT	69± SM		ALL R, T, & I			WD	5/29/2007	BENNINGTON	444	66	743± SF HWY EASE TH 2 / VT RTE 9
		29	VT 1+582.2 RT				DRIVE	T							2.5 m BIT.
		29	VT 1+583.5 RT	VT 1+590.9 RT			SR	T	5± SM						54± SF
		29	VT 1+584.5 RT	VT 1+590.3 RT			INSTALL	T							RETAINING WALL
		29	VT 1+581.55 RT	VT 1+590.65 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		29	VT 1+581.6 RT	VT 1+590.6 RT			LANDSCAPE	T							
		29	VT 1+590.60 RT	VT 1+590.65 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
				TOTAL	69± SM										743± SF
31	MOXLEY, HOWARD J. & TAMMY J.	29,AA	VT 1+590.41 RT	VT 1+608.38 RT	0.013± HA		ALL R, T, & I			COND	4/19/2007	BENNINGTON	443	5	1399± SF HWY EASE TH 2 / VT RTE 9
		29	VT 1+593.7 RT				DRIVE	T							2.4 m BIT.
		29	VT 1+594.5 RT	VT 1+595.2 RT			INSTALL	T							RETAINING WALL
		29	VT 1+594.5 RT	VT 1+608.38 RT			SR	T	16± SM						172± SF
		29	VT 1+590.65 RT	VT 1+608.38 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		29	VT 1+590.7 RT	VT 1+608.3 RT			LANDSCAPE	T							
		29	VT 1+590.60 RT	VT 1+590.65 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
				TOTAL	0.013± HA										1399± SF
32	TOWNE, LINDA; CHENAILLE, WENDY;	29,AA	VT 1+608.14 RT	VT 1+651.29 RT	0.033± HA		ALL R, T, & I			WD	10/24/2007	BENNINGTON	449	75	3552± SF HWY EASE TH 2 / VT RTE 9,
	LIVINGSTON, KIM; GARDNER, SHARON;														& TH 104
	GARDNER, RICHARD C. JR.;	29	VT 1+608.38 RT	VT 1+626.0 RT			SR	T	15± SM						161± SF
	GARDNER, GARY; HANSON, GAIL;	29	VT 1+609.9 RT				INSTALL & MAINTAIN	P							GUY WIRE
	GARDNER, RICHARD C. SR. &	29	VT 1+620.9 RT				REMOVE	T							CONCRETE STEPS
	SHIRLEY B. LIFE ESTATE	29	VT 1+608.38 RT	VT 1+643.68 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		29	VT 1+629.4 RT	VT 1+643.7 RT			SR	T	35± SM						377± SF
		29	VT 1+608.38 RT	VT 1+643.68 RT			LANDSCAPE	T							
		29	VT 1+620.9 RT				ALL R, T, & I								CONCRETE STEPS
				TOTAL	0.033± HA										3552± SF
33A	SMITH, SCOTT O. ESTATE	29,AA	VT 1+624.17 LT	VT 1+662.95 LT	0.012± HA					WD	5/8/2007	BENNINGTON	443	118	1292± SF INCL SIDEWALK
		29	VT 1+624.17 LT	VT 1+662.86 LT			UE	P	0.014± HA						1507± SF
		29	VT 1+624.17 LT	VT 1+662.86 LT			DISCON & RECON	T							WATER & SEWER SERVICES
		29	VT 1+655.2 LT				DRIVE	T							6.4 m GRAVEL
		29	VT 1+659.9 LT	VT 1+662.9 LT			SR	T	1± SM						11± SF
		29	VT 1+624.17 LT	VT 1+624.17 LT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
		29	VT 1+662.86 LT	VT 1+662.95 LT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
33B		29	VT 1+624.16 RT	VT 1+663.24 RT	0.029± HA		ALL R, T, & I								3121± SF HWY EASE TH 2 / VT RTE. 9
				TOTAL	0.041± HA										INCLUDES SIDEWALK
															0.10± A
34A	HARRINGTON, CHRISTOPHER A.	29,30,AA	VT 1+684.41 RT	VT 1+713.89 RT	4± SM					COND	5/2/2007	BENNINGTON	443	85	43± SF
	& LAURIE L.	29	VT 1+658.9 RT	VT 1+659.6 RT			SR	T	1± SM						11± SF
		29,30	VT 1+666.6 RT	VT 1+674.8 RT			SR	T	4± SM						43± SF
		29	VT 1+677.0 RT				DRIVE	T							3.4 m GRAVEL
		29,30	VT 1+680.0 RT	VT 1+706.4 RT			REMOVE & RESET	T							CHAINLINK FENCE
		30	VT 1+702.8 RT				REMOVE	T							WALK
		30	VT 1+702.8 RT				ALL R,T,& I								WALK
		30	VT 1+658.90 RT	VT 1+713.89 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		30	VT 1+709.7 RT				DRIVE	T							5.3 m BIT.
		29,30	VT 1+680.0 RT	VT 1+705.0 RT			SR	T	28± SM						301± SF
34B		29,30	VT 1+651.15 RT	VT 1+713.88 RT	0.047± HA		ALL R, T, & I								0.12± A HWY EASE TH 104 & VT RTE. 9
				TOTAL	0.047± HA										0.12± A
35A	CROSS, PETER K. & PAULA J.	29,AA	VT 1+662.86 LT	VT 1+693.42 LT	55± SM					COND	5/2/2007	BENNINGTON	443	85	592± SF
		29	VT 1+662.7 LT	VT 1+693.35 LT			UE	P	0.011± HA						1184± SF
		29	VT 1+678.9 LT				DRIVE	T							26.0 m GRAVEL
		29	VT 1+662.86 LT	VT 1+693.35 LT			DISCON & RECON	T							WATER & SEWER SERVICES
		29	VT 1+692.9 LT				REMOVE	T							SIGN WITH PLANTER, REAL ESTATE
		29	VT 1+662.86 LT	VT 1+662.95 LT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
35B		29,AA	VT 1+662.95 LT	VT 1+693.81 RT	0.023± HA		ALL R, T, & I								2476± SF HWY EASE VT RTE. 9
				TOTAL	0.029± HA										3068± SF

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #4 SHEET **58** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
36	NOT USED														
37A	HARRINGTON, MICHAEL L. & DEBRA L.	30,AA	VT 1+713.88 RT	VT 1+735.97 RT	13± SM					COND	4/19/2007	BENNINGTON	443	5	140± SF
		30	VT 1+716.1 RT				DRIVE	T							3.2 m GRAVEL
		30	VT 1+713.89 RT	VT 1+735.97 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		30	VT 1+731.9 RT				ALL R, T, & I								PLANTER
		30	LINDEN ST 4+018.0 LT				DRIVE	T							3.6 m GRAVEL
		30	VT 1+731.9 RT				REMOVE	T							PLANTER
37B		30,AA	VT 1+713.83 RT	VT 1+743.58 RT	0.023± HA		ALL R, T, & I								2475± SF HWY EASE VT RTE. 9 & LINDEN ST
				TOTAL	0.024± HA										2615± SF
38A	BUBIER, TODD J. & AMANDA M.	30,AA	VT 1+751.21 RT	VT 1+766.77 RT	11± SM					COND	4/19/2007	BENNINGTON	443	5	118± SF
		30	VT 1+751.2 RT	VT 1+763.1 RT			SR	T	10± SM						108± SF
		30	VT 1+766.76 RT				REMOVE & RESET	T							WOVEN WIRE FENCE
38B		30,AA	VT 1+743.50 RT	VT 1+766.76 RT	0.018± HA		ALL R, T, & I								1937± SF HWY EASE VT RTE. 9 & LINDEN ST
				TOTAL	0.019± HA										2055± SF
39A	ELLIOTT, WILLIAM P. SR.	30,AA	VT 1+766.76 RT	VT 1+784.96 RT	13± SM					COND	1/4/2007	BENNINGTON	440	9	140± SF
		30	VT 1+781.2 RT				DRIVE	T							5.5 m GRAVEL
		30	VT 1+766.76 RT				REMOVE & RESET	T							WOVEN WIRE FENCE
		30	VT 1+784.96 RT				REMOVE & RESET	T							CHAINLINK FENCE
		30	VT 1+784.94 RT	VT 1+784.96 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
39B		30,AA	VT 1+766.68 RT	VT 1+784.95 RT	0.014± HA		ALL R, T, & I								1507± SF HWY EASE VT RTE. 9
				TOTAL	0.015± HA										1647± SF
40A	SHERMAN, CARL W. & SANDRA L.	30,AA	VT 1+784.95 RT	VT 1+827.13 RT			EASE	P	35± SM	OPTION	5/29/2007	BENNINGTON	444	67	377± SF FOR CLEAR ZONE PURPOSES
		30	VT 1+793.0 RT				DRIVE	T							13.6 m BIT.
		30	VT 1+800.0 RT				REMOVE	T							SIGN, REAL ESTATE
		30	VT 1+784.95 RT				REMOVE & RESET	T							CHAINLINK FENCE
		30	VT 1+784.94 RT	VT 1+784.96 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
		30	VT 1+826.96 RT	VT 1+827.13 RT			REMOVE & REPLACE	T							PROPERTY CORNER MONUMENT
40B		30,AA	VT 1+784.87 RT	VT 1+826.98 RT	0.031± HA		ALL R, T, & I								3337± SF HWY EASE VT RTE. 9
				TOTAL	0.035± HA										3714± SF
41	HALL, JOSEPH H. & MARY I. MAGUIRE, MARY H. & SCOTT R.	10,10A	NB 7+641.64 RT	NB 8+012.15 RT								BENNINGTON			EXCEPT & RESERVE 15.24 m (50.00') R.O.W.
42A	SLEEMAN, ISABELL R.	28,AA	VT 1+433.63 LT	NB 6+080.30 RT	0.25± HA					WD	5/29/2007	BENNINGTON	444	68	0.62± A LIMITED ACCESS
42B		28,AA	VT 1+433.63 RT	VT 1+474.17 LT	0.031± HA		ALL R, T, & I								3337± SF HWY EASE TH 2 / VT RTE 9
42C		29,30,AA	VT 1+693.35 LT	VT 1+825.71 LT	98± SM										1055± SF
		29,30	VT 1+693.17 LT	VT 1+780.63 LT			UE	P	0.021± HA						2260± SF
		29,30	VT 1+711.1 LT				DRIVE	T							9.3 m GRAVEL
42D		29,30,AA	VT 1+693.42 LT	VT 1+825.71 RT	0.10± HA		ALL R, T, & I								0.25± A HWY EASE VT RTE. 9
				TOTAL	0.391± HA										0.97± A
43A	HARRINGTON, TRACY L., BARTLETT, WILLIAM J. & HARRINGTON, REUBEN A. LIFE ESTATE	27,28, 31,AA	VT 1+356.08 RT	VT 1+392.62 RT	0.18± HA					WD	7/18/2007	BENNINGTON	445	153	0.45± A
43B		27,28, AA	VT 1+368.76 RT	VT 1+393.67 RT	0.018± HA		ALL R, T, & I								1937± SF HWY EASE TH 2 / VT RTE 9
				TOTAL	0.198± HA										0.49± A
44A	VERMONT TRANSCO LLC	6-8,9A, 10	NB 6+223.95 LT	NB 7+567.32 RT			ALL R, T, & I		6.9± HA	COND	2/13/2007	BENNINGTON	441	22	17.0± A UTILITY EASEMENT
44B		7,8	NB 6+663.71 LT	NB 6+759.02 LT			ALL R, T, & I		0.038± HA						0.094± A UTILITY EASEMENT
44C		8	NB 6+951.90 LT	NB 7+008.7 LT			ALL R, T, & I		0.068± HA						0.17± A UTILITY EASEMENT
44D		8,9,9A	NB 7+027.93 LT	NB 7+327.2 LT			ALL R, T, & I		1.3± HA						3.2± A UTILITY EASEMENT
44E		10,11	NB 7+440.1 RT	NB 7+816.67 LT			ALL R, T, & I		1.2± HA						3.0± A UTILITY EASEMENT
44F		12	NB 8+160.30 LT	NB 8+429.82 RT			ALL R, T, & I		0.92± HA						2.3± A UTILITY EASEMENT

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CZ — CLEAR ZONE
- P / L — PROPERTY LINE
- TOE OF SLOPE
- TOP OF CUT
- SR (P) — SLOPE RIGHT
- CONST.(T) — CONSTRUCTION RIGHT

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #5 SHEET **59** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
45A	NORTH BRANCH REALTY TRUST	6,7,AA,	NB 6+312.11 LT	NB 6+443.18 LT	0.58± HA					COND	4/19/2007	BENNINGTON	443	5	1.4± A LIMITED ACCESS
	MICHAEL A. DEEP, TRUSTEE	BB,CC													
45B		6,7	NB 6+291.64 RT	NB 6+460.77 RT	1.2± HA										3.0± A LIMITED ACCESS
		6,7	NB 6+183.4 RT	NB 6+734.19 RT		20.1± HA									49.6± A LOSS OF ACCESS
45C		7	NB 6+459.60 RT	NB 6+470.80 RT	25± SM										269± SF LIMITED ACCESS
45D		7,8	NB 6+608.92 LT	NB 6+773.85 LT	1.0± HA										2.5± A LIMITED ACCESS INCLUDES
															RESERVOIR APPURTENANCES
45E		7	NB 6+601.44 RT	NB 6+733.07 RT	0.28± HA										0.69± A LIMITED ACCESS INCLUDES
															RESERVOIR APPURTENANCES
		7-8A	NB 6+647.29 LT	NB 6+870.2 LT		2.4± HA									5.9± A LOSS OF ACCESS
45F		7	NB 6+585.53 RT	NB 6+728.26 RT	0.83± HA										2.1± A INCLUDES ABANDONED
															RESERVOIR & APPURTENANCES
45G		7,8	NB 6+725.73 LT	NB 6+781.76 LT	0.046± HA										0.11± A LIMITED ACCESS
45H		7	NB 6+705.5 RT	NB 6+733.2 RT			CONST	T	74± SM						797± SF INCLUDES PDF
		7	NB 6+707.1 RT	NB 6+728.3 RT			SR	P	99± SM						1066± SF
				TOTAL	3.939± HA										9.8± A
46A	BAKER, JOHN M. & DENISE M.	7,CC	NB 6+396.19 RT	NB 6+486.48 LT	0.58± HA					COND	5/2/2007	BENNINGTON	443	85	1.3± A LIMITED ACCESS
46B		7	NB 6+400.32 LT	NB 6+647.29 LT	1.6± HA										4.0± A LIMITED ACCESS
46C		7	NB 6+505.44 RT	NB 6+620.83 RT	0.80± HA										2.0± A LIMITED ACCESS INCL HOUSE
		7	NB 6+400.2 RT	NB 6+585.53 RT		2.0± HA									4.9± A LOSS OF ACCESS
				TOTAL	2.98± HA										7.3± A
47A	JANE COLE REALTY, LLC	7,8,CC,	NB 6+711.55 RT	NB 6+939.81 RT	0.61± HA					WD	2/22/2007	BENNINGTON	441	74	1.5± A LIMITED ACCESS
		DD,EE													
47B		7,8	NB 6+735.13 RT	NB 6+977.86 LT	1.5± HA										3.7± A LIMITED ACCESS
47C		8	NB 6+773.85 LT	NB 6+991.48 LT	0.65± HA										1.6± A LIMITED ACCESS
		8	NB 6+781.76 LT	NB 6+810.0 LT			CONST	T	35± SM						377± SF INCLUDES PDF
47D		8	NB 6+896.08 LT	NB 6+951.90 LT	0.064± HA										0.16± A
47E		8	NB 6+951.90 LT	NB 7+002.59 LT	0.060± HA										0.15± A LIMITED ACCESS
47F		9A,10	NB 7+415.32 RT	NB 7+561.95 RT	0.23± HA										0.57± A
47G		9A,10,	NB 7+407.98 RT	NB 7+645.07 RT	2.7± HA										6.7± A
		10A													
		9A-11	NB 7+469.3 RT	NB 8+012.15 RT											EXCEPT & RESERVE 50' R.O.W.
47H		9A,10	NB 7+417.39 RT	NB 7+664.02 LT	1.8± HA										4.4± A LIMITED ACCESS INCL STONE WALL
		10	NB 7+655.8 LT				DR	P							
47I		9,9A,10	NB 7+420.40 LT	NB 7+593.33 LT	0.51± HA										1.3± A LIMITED ACCESS
		10	NB 7+484.7 LT				DR	P							
47J		10	NB 7+561.95 RT	NB 7+577.23 RT	9± SM										97± SF LIMITED ACCESS
47K		10	NB 7+595.58 RT	NB 7+645.43 LT	0.040± HA										0.10± A LIMITED ACCESS
47L		10	NB 7+577.23 RT	NB 7+660.98 RT	0.23± HA										0.57± A INCLUDES STONE WALL
47M		10,10A,	NB 7+656.91 RT	NB 7+784.79 RT	0.80± HA										2.0± A, EXCEPT & RESERVE 20' R.O.W.
		11A													
47N		11A	NB 7+944.38 RT	NB 7+988.16 RT	0.21± HA										0.52± A, EXCEPT & RESERVE 20' R.O.W.
				TOTAL	9.405± HA										23.3± A
48A	JEPSON, GERALD A.	8,CC	NB 6+977.86 LT	NB 7+001.40 LT	0.021± HA					WD	2/22/2007	BENNINGTON	441	75	2260± SF LIMITED ACCESS
48B		8,9A	NB 7+014.88 RT	NB 7+105.52 RT	0.13± HA										0.32± A LIMITED ACCESS
48C		8,9,9A	NB 6+939.81 RT	NB 7+290.57 LT	3.2± HA										7.9± A LIMITED ACCESS
48D		8,9A	NB 7+005.60 RT	NB 7+271.67 RT	0.64± HA										1.6± A
		8,9A	NB 6+878.9 RT	NB 7+255.61 RT		3.9± HA									9.6± A LOSS OF ACCESS
48E		8,9A	NB 7+028.24 RT	NB 7+270.88 RT	0.90± HA										2.2± A
48F		9	NB 7+128.44 LT	NB 7+301.07 LT	0.68± HA										1.7± A LIMITED ACCESS
		9	NB 7+270.8 LT	NB 7+318.3 LT			CONST	T	0.084± HA						0.21± A INCL PDF & EROSION CONTROL
		9	NB 7+271.6 LT	NB 7+315.0 LT			DIT & DR	P	0.19± HA						0.47± A
				TOTAL	5.571± HA										13.8± A
49A	PROUTY, GEORGE E. & JOANNE B.	9,9A,CC	NB 7+271.67 RT	NB 7+420.40 LT	1.1± HA					COND	4/19/2007	BENNINGTON	443	5	2.7± A LIMITED ACCESS
49B		9A	NB 7+270.88 RT	NB 7+289.13 RT	31± SM										334± SF
49C		9A	NB 7+289.13 RT	NB 7+415.32 RT	0.15± HA										0.37± A LIMITED ACCESS
49D		9A	NB 7+255.61 RT	NB 7+413.47 RT	0.94± HA										2.3± A
		9A	NB 7+206.4 RT	NB 7+407.98 RT		1.9± HA									4.7± A LOSS OF ACCESS
49E		9,9A	NB 7+290.57 LT	NB 7+423.63 LT	0.90± HA										2.2± A LIMITED ACCESS INCL SHED
		9,9A	NB 7+306.5 LT	NB 7+339.6 LT			CONST	T	0.058± HA						0.14± A INCL PDF & EROSION CONTROL
		9,9A	NB 7+307.8 LT	NB 7+335.6 LT			DIT & DR	P	0.096± HA						0.24± A
		9	NB 7+300.0 LT	NB 7+400.0 LT			LANDSCAPE	T							
		9	NB 7+345.8 LT												MONITOR WELL
				TOTAL	3.093± HA										7.6± A
50A	GREENE, FRANCIS E. JR. &	10-11A,	NB 7+658.74 RT	NB 7+869.66 RT	1.1± HA					COND	2/13/2007	BENNINGTON	441	22	2.7± A INCL STONE WALL
	GREENE, JOSHUA H.	CC,EE													
50B		10,11	NB 7+660.72 RT	NB 7+871.28 RT	0.17± HA										0.42± A INCL STONE WALL
50C		10,11	NB 7+660.84 RT	NB 7+781.28 RT	0.032± HA										0.079± A LIMITED ACCESS
50D		10,11	NB 7+660.99 RT	NB 7+887.13 LT	1.2± HA										3.0± A LIMITED ACCESS
															INCLUDES STONE WALLS
50E		10,11	NB 7+661.89 LT	NB 7+816.67 LT	0.46± HA										1.1± A LIMITED ACCESS
50F		11	NB 7+781.28 RT	NB 7+873.57 RT	0.047± HA										0.12± A INCL STONE WALLS
				TOTAL	3.009± HA										7.4± A
51	HOLLAND COMPANY, INC.	10A,11A,	NB 7+779.44 RT	NB 7+925.70 RT	0.97± HA					WD	4/2/2007	BENNINGTON	442	61	2.4± A, EXCEPT & RESERVE 20' R.O.W.
		DD,EE													
				TOTAL	0.97± HA										2.4± A
52A	FORREST, SHIRLEY E. ESTATE	11,EE	NB 7+873.57 RT	NB 7+970.51 LT	0.57± HA					WD	1/25/2007	BENNINGTON	440	125	1.4± A LIMITED ACCESS
															INCLUDES STONE WALL
52B		11	NB 7+871.28 RT	NB 7+945.56 RT	0.16± HA										0.40± A INCL STONE WALL
52C		11,11A	NB 7+869.66 RT	NB 7+936.73 RT	0.067± HA										0.17± A INCL STONE WALL
52D		11,11A	NB 7+862.80 RT	NB 7+934.40 RT	0.29± HA										0.72± A
				TOTAL	1.087± HA										2.7± A
53	WALBRIDGE, J. EDWARD	11,11A,	NB 7+914.47 RT	NB 7+957.43 RT	0.21± HA					COND	1/4/2007	BENNINGTON	440	9	0.52± A, EXCEPT & RESERVE 20' R.O.W.
	UNKNOWN HEIRS	DD,EE													
				TOTAL	0.21± HA										0.52± A

TABLE OF REVISIONS

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- SR (P) — SLOPE RIGHT
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APPROVED: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #6 SHEET **60** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
54A	CANNISTRACI, ANTHONY A. & ANGELA J.	11,EE	NB 7+945.56 RT	NB 8+043.77 LT	0.51± HA					COND	2/13/2007	BENNINGTON	441	22	1.3± A LIMITED ACCESS
54B		11	NB 8+012.15 RT	NB 8+051.28 LT	0.050± HA										0.12± A LIMITED ACCESS
54C		11	NB 8+018.39 RT	NB 8+063.99 LT	0.074± HA										0.18± A LIMITED ACCESS
		11	NB 8+054.7 LT	NB 8+066.6 LT			CONST	T	20± SM						INCLUDES STONE WALL 215± SF INCLUDES PDF
54D		11,11A	NB 7+936.73 RT	NB 8+012.15 RT	0.30± HA										0.74± A
54E		11,11A	NB 7+934.40 RT	NB 8+018.39 RT	0.14± HA										0.35± A
54F		11,11A	NB 7+994.19 RT	NB 8+024.77 RT	0.030± HA										0.074± A INCLUDES STONE WALL
54G		11A	NB 7+925.70 RT	NB 7+982.10 RT	0.15± HA										0.37± A
54H		11A	NB 7+952.04 RT	NB 7+997.93 RT	0.078± HA										0.19± A
				TOTAL	1.332± HA										3.3± A
55A	GEORGE E. HADWEN, TRUST GEORGE E. HADWEN TRUSTEE	11A,12A, EE	NB 8+044.82 RT	NB 8+093.14 RT	0.12± HA					WD	11/9/2006	BENNINGTON	438	27	0.30± A
55B		11A,12A	NB 8+056.64 RT	NB 8+101.36 RT	0.052± HA										0.13± A
55C		11,11A, 12,12A	NB 8+060.18 RT	NB 8+286.20 RT	1.8± HA										4.4± A INCLUDES STONE WALLS
55D		11,12	NB 8+114.69 RT	NB 8+303.69 RT	0.80± HA										2.0± A LIMITED ACCESS INCLUDES STONE WALLS
55E		12	NB 8+171.86 LT	NB 8+337.60 LT	0.52± HA										1.3± A LIMITED ACCESS
															INCLUDES STONE WALLS
		12	CH 1+240.7 RT	CH 1+316.4 RT			CONST	T	0.023± HA						0.057± A INCLUDES PDF
		12	CH 1+247.5 RT	CH 1+320.9 RT			DIT & DR	P	0.036± HA						0.089± A
55F		12	NB 8+316.47 LT	NB 8+368.11 RT	0.10± HA		ALL R, T, & I								0.25± A HWY EASE TH 16
		12	NB 8+362.02 RT	NB 8+385.38 RT			UE	P	0.056± HA						0.14± A (WITHIN TH 16 R/O/W)
		12,13	NB 8+375.0 RT	NB 8+431.4 RT			UE	P	0.13± HA						0.32± A
		12	CH 1+422.5 LT	CH 1+425.4 LT			DETOUR	T	3± SM						32 ± SF
		12	CH 1+422.5 LT	CH 1+434.4 LT			SR	T	4± SM						43± SF
		12	CH 1+422.5 LT	CH 1+453.1 LT			INSTALL	T	73± SM						786± SF PDF
		12	CH 1+424.2 LT	CH 1+467.7 LT			INSTALL	T	0.055± HA						0.14± A EXCLUSIONARY FENCE
55G		12	NB 8+174.51 LT	NB 8+316.47 LT	0.40± HA										0.99± A BY OPTION ONLY INCLUDES STONE WALL
55H		12	NB 8+234.42 LT	CH 1+276.12 RT	0.045± HA										0.11± A BY OPTION ONLY INCLUDES STONE WALL
55I		12	CH 1+230.53 RT	CH 1+327.21 CL	0.071± HA		ALL R, T, & I								0.18± A HWY EASE TH 16 BY OPTION ONLY
55J		12,13	NB 8+348.12 LT	NB 8+600.25 RT	2.6± HA										6.4± A LIMITED ACCESS
		12	NB 8+399.3 LT	NB 8+483.0 LT			INSTALL	T	57± SM						614± SF EXCLUSIONARY FENCE
		13	NB 8+510.9 RT	NB 8+604.4 RT			CONST	T	0.38± HA						0.94± A HAUL ROAD INCLUDES PDF
		13	NB 8+604.4 RT	NB 8+609.5 RT			INSTALL	T	0.014± HA						1474± SF EXCLUSIONARY FENCE
		13	NB 8+457.0 LT	NB 8+475.0 LT			DRIVE	T							4.8 m GRAVEL
55K		12,13	NB 8+337.48 LT	NB 8+472.26 RT	0.54± HA										1.3± A LIMITED ACCESS
		12	CH 1+285.7 LT	CH 1+347.2 LT			INSTALL	T	0.18± HA						0.44± A PDF & EROSION CONTROL
		12	CH 1+285.7 LT	CH 1+333.0 LT			DETOUR	T	0.041± HA						0.10± A
		12	CH 1+320.4 LT				DRIVE	T							3.6 m GRAVEL
		12	CH 1+316.9 LT	CH 1+323.6 LT			CUL	T							
		12	CH 1+320.4 LT				INSTALL	T							GATE
		13	NB 8+455.6 RT	NB 8+490.8 RT			INSTALL	T	0.028± HA						0.069± A EXCLUSIONARY FENCE
55 L		13	NB 8+599.65 LT	NB 618.07 LT	0.26± HA		ALL R, T, & I								0.64± A LIMITED ACCESS
															HWY EASE TH 85 (CLASS 4)
		13	NB 8+603.1 RT	NB 8+608.7 RT			INSTALL	T	0.014± HA						1474± SF EXCLUSIONARY FENCE
55M		13	NB 8+613.57 RT	NB 8+645.67 LT	0.37± HA										0.91± A LIMITED ACCESS
				TOTAL	7.678± HA										18.9± A

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- TAKING WITHOUT ACCESS
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- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))

(P) -PERMANENT
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DR. -DRAINAGE RIGHT
DIT. -DITCHING RIGHT
CH. -CHANNEL RIGHT
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SR -SLOPE RIGHT
UE -UTILITY EASEMENT

APPROVED: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #7 SHEET **61** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
56	SLOCUM, ALBERT J. & PATRICIA W.	12	CH 1+261.6 LT				DRIVE	T		COND	1/4/2007	BENNINGTON	440	9	7.2 m GRAVEL
		12	CH 1+267.8 LT	CH 1+285.8 LT			SR	T	58± SM						624± SF
		12	CH 1+272.9 LT	CH 1+285.8 LT			DETOUR	T	18± SM						194± SF
		12	CH 1+220 LT	CH 1+280 LT			LANDSCAPE	T							
57	JELLEY, KEITH R. & FRANCINE M.	13	NB 8+605.4 LT	NB 8+630.1 LT			INSTALL	T	0.048± HA	COND	1/4/2007	BENNINGTON	440	9	0.12± A EXCLUSIONARY FENCE
		13	NB 8+613.2 LT				DR	P							
		12	NB 8+344.1 LT	NB 8+393.6 LT			ALL R, T, & I								RIGHT-OF-WAY, INCLUDING GATE
		13	NB 8+475.0 LT	NB 8+477.0 LT			DRIVE	T							4.8 m GRAVEL
		13	NB 8+642.6 LT	NB 8+653.0 LT			INSTALL	T	11± SM						118± SF EXCLUSIONARY FENCE
58	BENNINGTON COUNTY INDUSTRIAL CORPORATION	13	NB 8+638.74 LT	NB 8+728.7 LT			CONST	T	0.17± HA	GRANT	10/2/2006	BENNINGTON	436	167	0.42± A INCL. EXCLUSIONARY FENCE, PDF, HAUL ROAD & EROSION CONTROL
		13	NB 8+688.8 LT	NB 8+696.2 LT			INSTALL	T	55± SM						592± SF EXCLUSIONARY FENCE
		13,14	NB 8+774.3 LT	NB 8+795.7 LT			INSTALL	T	0.10± HA						0.25± A EXCLUSIONARY FENCE
59A	MOUNTAIN MOZZARELLA, LLC	33,FF	ER 0+959.17 RT	ER 1+031.03 RT	0.010± HA					WD	1/25/2007	BENNINGTON	440	126	1087± SF
		33	ER 0+993.0 RT				DRIVE	T							5.4 m GRAVEL
		33	ER 1+020.0 RT				DRIVE	T							15.0 m GRAVEL
59B		33	ER 0+958.96 RT	ER 1+030.26 RT	0.053± HA		ALL R, T, & I								0.13± A HWY EASE TH 5
				TOTAL	0.063± HA										0.16± A
60	THE PATRICIA HOOD REVOCABLE TRUST, PATRICIA HOOD & ALAN HOOD CO-TRUSTEES	15,33, FF	ER 1+046.01 RT	ER 1+144.86 RT	0.030± HA					WD	12/1/2006	BENNINGTON	438	177	3249± SF
		15,33	ER 1+046.8 RT	ER 1+096.4 RT			SR	T	0.012± HA						1292± SF
		15	ER 1+081.1 RT				CUL	P							INCLUDES DROP INLET
		15	ER 1+121.6 RT	ER 1+128.0 RT			CUL	T							INCLUDES EROSION CONTROL
		15	ER 1+106.5 RT				DRIVE	T							3.6 m GRAVEL
		15	ER 1+140.4 RT				INSTALL & MAINTAIN	P							GUY WIRE
		15	ER 1+122.0 RT	ER 1+145.5 RT			SR	T	0.020± HA						0.049± A INCL EROSION CONTROL
		15	ER 1+141.5 RT	ER 1+145.8 RT			INSTALL	T							PDF
		15,33	ER 1+046.80 RT	ER 1+144.86 RT			DISCON & RECON	T							WATER & SEWER SERVICES
		15	ER 1+140 RT				REMOVE	T							GRAVEL DRIVE, INCLUDES GRADING, SEED & MULCH
				TOTAL	0.030± HA										3249± SF
61	WILKINSON, ROY & CAROLYN	15	ER 1+246.7 RT	ER 1+267.0 RT			SR	T	63± SM	COND	1/4/2007	BENNINGTON	440	9	678± SF
		15	ER 1+257.8 RT				INSTALL & MAINTAIN	P							POLE & GUY
		15	ER 1+265.0 RT	ER 1+276.7 RT			CUL	P							INCL DROP INLET & EROSION CONTROL
		15	ER 1+271.0 RT				DRIVE	T							2.2 m CONCRETE
		15	ER 1+276.1 RT	ER 1+314.8 RT			SR	T	0.012± HA						1292± SF
		15	ER 1+296.3 RT	ER 1+315.6 RT			UE	P	0.011± HA						1183± SF
		15	ER 1+246.58 RT	ER 1+314.76 RT			DISCON & RECON	T							WATER & SEWER SERVICES
62	MOUNT ANTHONY UNION HIGH SCHOOL DISTRICT NO. 14	15	ER 1+314.8 RT	ER 1+341.9 RT			SR	T	55± SM	WDOE	5/29/2007	BENNINGTON	444	69	592± SF
		15	ER 1+314.8 RT	ER 1+405.0 RT			UE	P	0.11± HA						0.27± A
		15	ER 1+319.2 RT				INTALL & MAINTAIN	P							GUY WIRE
		15	ER 1+400.4 RT				INTALL & MAINTAIN	P							GUY WIRE
63	APPLEGATE HOUSING LIMITED PARTNERSHIP	19A	DRN 20+060.8 RT	DRN 20+252.2 RT			CONST	T	0.018± HA	COND	1/4/2007	BENNINGTON	440	9	1937± SF INCL PDF & EROSION CONTROL
		19A	DRN 20+157.8 LT	DRN 20+231.1 LT			CONST	T	0.029± HA						3122± SF INCL PDF & EROSION CONTROL
		19A	DRN 20+060 RT	DRN 20+220 RT			INSTALL	T							TEMPORARY FENCE
		19A	DRN 20+180 RT				ACCESS	P							INCLUDES 2 GATES 2.4 m (8') WIDE EACH
		19A	DRN 20+154.2 CL	DRN 20+234 CL			CUL	P							
		19A	DRN 19+993.5 RT	DRN 20+203.5 RT			ACCESS	P	0.17± HA						0.42± A EXISTING PAVED DRIVE
		19A	DRN 20+060 RT	DRN 20+240 RT			LANDSCAPE	T							
		19A	DRN 20+061 RT	DRN 20+220 RT			REMOVE & RESET	T							CHAINLINK FENCE
		19A	DRN 20+234 CL	DRN 20+246 CL			DIT & DR	P	21 ± SM						226± SF
		19A	DRN 20+120 RT				ACCESS	P							INCLUDES 2 GATES 2.4 m (8') WIDE EACH
64	LEMAIRE, LAURENCE P. JR. & LINDA L. ZENO	19A	DRN 20+061.2 RT	DRN 20+157.8 LT			CONST	T	38± SM	COND	1/4/2007	BENNINGTON	440	9	409± SF
		19A	DRN 20+063 CL	DRN 20+156 CL			CUL	P	0.057± HA						0.14± A
		19A	DRN 20+065.3 LT	DRN 20+160.9 LT			CONST	T	0.016± HA						1722± SF INCL PDF & EROSION CONTROL
		19A	DRN 20+065 LT	DRN 20+160 LT			LANDSCAPE	T							
		19A	DRN 20+096 RT	DRN 20+151 RT			REMOVE	T							FENCE
65	BENNINGTON SCHOOL DISTRICT, INC.	17,22, 22A, GG													NOT AFFECTED

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**

FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #8 SHEET **62** OF **112**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

Metric

TABLE OF PROPERTY ACQUISITION

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	
66A	TOWN OF BENNINGTON	11,12	NB 8+024.77 RT	NB 8+171.86 LT	0.74± HA					QCD	3/14/2007	BENNINGTON	441	171	1.8± A LIMITED ACCESS
															INCLUDES STONE WALLS
		11	NB 8+064.0 LT	NB 8+084.5 LT			CONST	T	64± SM						689± SF INCLUDES PDF
		11	NB 8+064.0 LT	NB 8+077.4 LT			SR	P	18± SM						194± SF
		11	NB 8+073.2 LT				DR	P							
66B		12	NB 8+160.30 LT	NB 8+174.51 LT	22± SM										237± SF LIMITED ACCESS
															INCLUDES STONE WALL
66C		11,11A	NB 8+000.95 RT	NB 8+114.69 RT	1.0± HA										2.5± A INCL STONE WALLS
66D		11,11A	NB 7+941.69 RT	NB 8+051.28 LT	0.12± HA		ALL R, T, & I								0.30± A PENT ROAD
66E		11A	NB 7+997.93 RT	NB 8+060.18 RT	0.071± HA										0.18± A
66F		11A	NB 7+973.59 RT	NB 8+071.36 RT	0.69± HA										1.7± A, EXCEPT & RESERVE 20' R.O.W.
66G		12	CH 1+327.21 CL	CH 1+425.47 CL	0.15± HA		ALL R, T, & I								0.37± A HWY EASE TH 16
		12	CH 1+215.0 CL	CH 1+327.21 CL			APPROACH	T							TH 16
		12	CH 1+425.47 CL	CH 1+475.0 CL			APPROACH	T							TH 16
66H															NOT USED
66I															NOT USED
66J		13	NB 8+599.65 LT	NB 8+625.6 RT	0.26± HA		ALL R, T, & I								0.65± A HWY EASE TH 85
66K		33	ER 0+950.00 RT	ER 0+959.17 RT			APPROACH	T							TH 5
		33	ER 0+972.0 LT				DRIVE	T							7.4 m BIT.
		33	ER 1+054.0 LT				DRIVE	T							8.2 m BIT.
		33	ER 1+050.5 LT	ER 1+059.2 LT			INSTALL	T							PDF
		33	ER 1+059.3 LT				INSTALL & MAINTAIN	P							GUY WIRE
		15,33	ER 1+059.9 LT	ER 1+100.8 LT			UE	P	78± SM						840± SF
		15,33	ER 1+061.6 LT	ER 1+100.8 LT			INSTALL	T	0.072± HA						7750± SF EXCLUSIONARY FENCES
		15,33	ER 1+080.0 LT				DIT & DR	P	1± SM						11± SF
		15	ER 1+085.5 LT	ER 1+100.8 LT			DETOUR	T	47± SM						506± SF INCL EROSION CONTROL
		15	NB 9+433.0 LT	NB 9+458.4 LT			INSTALL	T	27± SM						291± SF PDF
		16	NB 9+679.8 LT	NB 9+715.8 LT			CONST	T	58± SM						624± SF INCLUDES PDF
		17,22	N 1+193.5 RT	N 1+294.3 RT			CONST	T	0.020± HA						2152± SF INCL EXCLUSIONARY FENCE
		17,22	N 1+193.8 RT	N 1+238.7 RT			INSTALL	T	0.059± HA						0.15± A EXCLUSIONARY FENCE
66L		15	ER 1+314.25 CL	ER 1+345.00 CL			APPROACH	T							TH 5
66M		27-29	VT 1+200.00 CL	VT 1+658.90 RT	0.69± HA		ALL R, T, & I								1.7± A HWY EASE TH 2/VT RTE 9, TH 508, & TH 104
		28,29	TH 508 2+012.7 CL	TH 508 2+016.99 CL			APPROACH	T							TH 508
		29	TH 104 3+010.0 CL	TH 104 3+020.30 CL			APPROACH	T							TH 104
		29	TH 104 3+008.0 RT				INSTALL	T							POLE & OVERHEAD WIRE
66N		32	NB 5+914.5 RT												DRIVE PERMIT REQUIRED FROM TOWN
66O		30	VT 1+735.93 RT	VT 1+751.21 RT	0.013± HA		ALL R, T, & I								1399± SF HWY EASE VT RTE 9 & LINDEN ST
		30	LINDEN ST 4+014.7 CL	LINDEN ST 4+021.7 CL			APPROACH	T							LINDEN ST
66P		29,30	VT 1+693.35 LT	VT 1+708.72 LT	20± SM		ALL R, T, & I								215± SF R.O.W. OVER PARCEL 42C
66Q		33	ER 1+030.26 RT	ER 1+046.80 RT	42± SM										452± SF
		33	SD 1+008.6 CL	SD 1+026.4 CL			APPROACH	T							TH 100
				TOTAL	2.507± HA										6.2± A
67	THE GREEN MOUNTAIN CLUB, INC.	8,9,9A	NB 6+992.9 RT	NB 7+133.50 LT			ALL R, T, & I		0.12± HA	WD	11/30/2006	BENNINGTON	438	165	0.30± A RIGHT-OF-WAY
		8,9,9A	NB 7+002.13 RT	NB 7+127.40 LT											3.05m (10.00') PED. CROSSING EASE.
68	THE WALLY J. BIRK REVOCABLE TRUST,	10,10A	NB 7+637.98 LT	NB 7+656.91 RT			ALL R, T, & I		0.33± HA	WDOE	1/25/2007	BENNINGTON	440	127	0.82± A RIGHT-OF-WAY
	WALLY J. BIRK, TRUSTEE	10,10A, 11	NB 7+641.64 RT	NB 8+012.15 RT											EXCEPT & RESERVE 15.24 m (50.00') R.O.W.
69	VERIZON	9,9A,10, 11,11A, 12A	NB 7+112.37 LT	NB 8+101.36 RT			ALL R, T, & I		0.97± HA	WD	4/2/2007	BENNINGTON	442	58	2.4± A UTILITY EASEMENT
70	TELCOVE OF VERMONT, INC.											BENNINGTON			UTILITY
71	MOUNTAIN CABLE COMPANY, L.P. d/b/a ADELPHIA CABLE COMMUNICATIONS, INC.											BENNINGTON			UTILITY
72	TOWN OF BENNINGTON WATER & SEWER											BENNINGTON			UTILITY
	RELINQUISHMENT ZONE #1	11,11A, 12	QR 1+341.72 RT	QR 1+787.83 CL								BENNINGTON			RELOCATED PENT ROAD AREA = 0.74± HA (1.8± A)
	RELINQUISHMENT ZONE #2	15,33	ER 0+946.90 CL	ER 1+100.76 CL								BENNINGTON			TH 5 AREA = 0.38± HA (0.94± A)
	RELINQUISHMENT ZONE #3	15	ER 1+246.58 CL	ER 1+314.25 CL								BENNINGTON			TH 5 AREA = 0.10± HA (0.25± A)
	MAINTENANCE AGREEMENT ZONE #1	27	VT 1+200.00 CL	VT 1+260.00 CL								BENNINGTON			LENGTH = 60.00 m (196.85') TH 2
	MAINTENANCE AGREEMENT ZONE #2	29	TH 508 2+016.99 CL	TH 508 2+022.50 CL								BENNINGTON			LENGTH = 5.51 m (18.08') TH 508
	MAINTENANCE AGREEMENT ZONE #3	29	TH 104 3+020.30 CL	TH 104 3+026.20 CL								BENNINGTON			LENGTH = 5.90 m (19.36') TH 104
	MAINTENANCE AGREEMENT ZONE #4	30	LINDEN ST 4+021.71 RT	LINDEN ST 4+026.70 CL								BENNINGTON			LENGTH = 4.99 m (16.37') LINDEN ST
	MAINTENANCE AGREEMENT ZONE #5	12	CH 1+327.21 CL	CH 1+425.47 CL								BENNINGTON			LENGTH = 98.26 m (322.37') TH 16
	MAINTENANCE AGREEMENT ZONE #6	15	ER 1+100.76 CL	ER 1+246.58 CL								BENNINGTON			LENGTH = 145.82 m (478.41') TH 5

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))

(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: ROGER P. DUMAS DATE: 12-07-05
CHIEF, PLANS & TITLES

PROJECT NAME: **Bennington**
PROJECT NUMBER: **NH F019-1(5)**
FILE NAME: **NORTH.XLS** PLOT DATE: **11/02/07**
PROJECT LEADER: **VSE** DRAWN BY: **GAK**
DESIGNED BY: **D-H** CHECKED BY: **JDP**
R.O.W. DETAIL SHEET #9 SHEET **63** OF **112**

VAOT Metric



DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-1

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 11-02-05
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 64 OF 112

VAOT Metric

N

VT. STATE PLANE GRID

MATCH LINE STA. NB 4+900, ROW-1

MATCH LINE STA. NB 5+200, ROW-3

N/F LEMIEUX

N/F MORSE

N/F CHARLES REALTY & DEVELOPMENT LLC
& D. JOSEPH ASSOCIATES LLC

SB 5+100

CZ

NB 4+900

NB 5+000

NB 5+100

NB 5

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30

SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-2

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

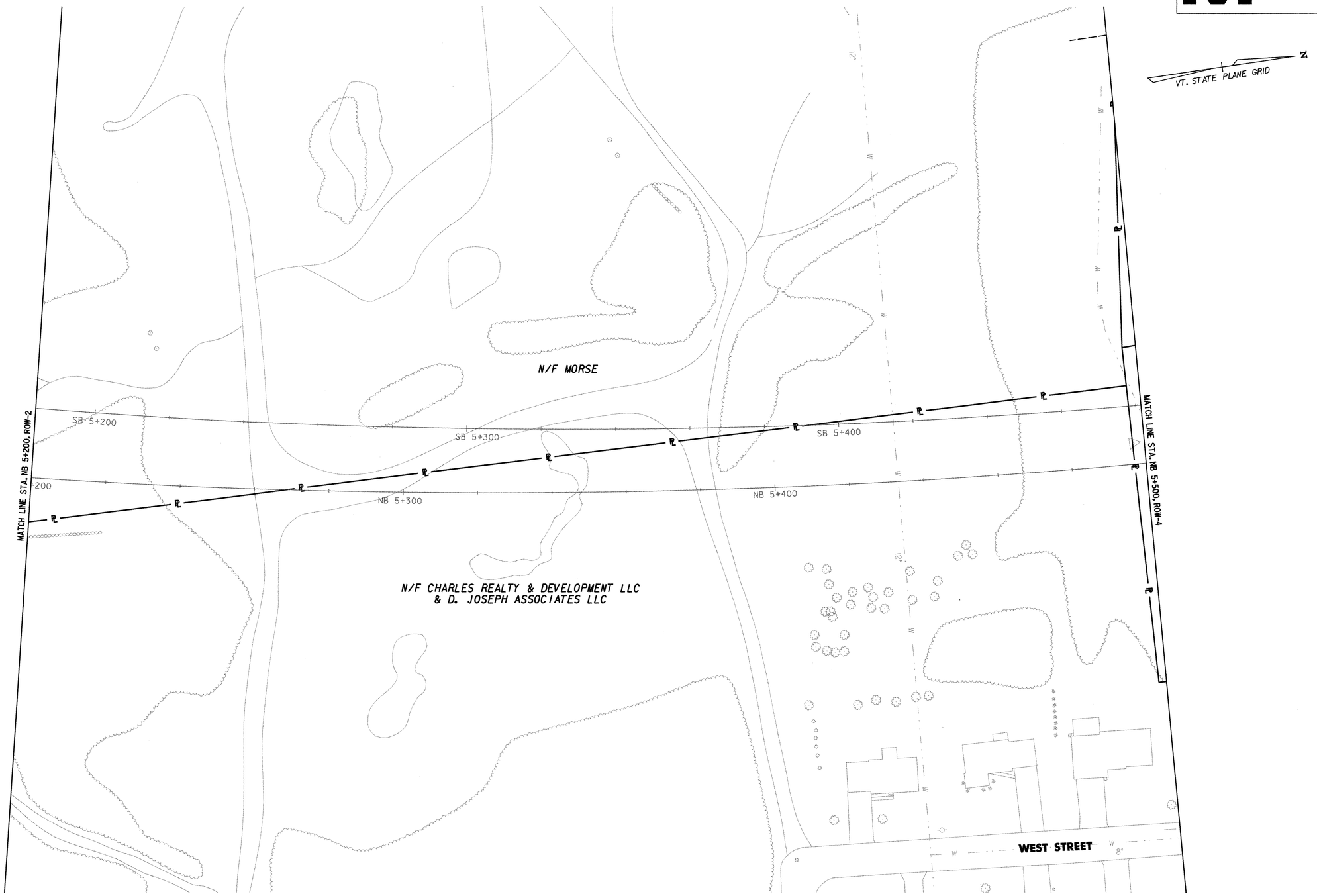
PLOT DATE: 11-02-05

DRAWN BY: MBB

CHECKED BY: GAK

SHEET: 65 OF 112

VAOT Metric



DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30

SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-3

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 11-02-05

DRAWN BY: MBB

CHECKED BY: GAK

SHEET: 66 OF 112

VTrans Metric

VT. STATE PLANE GRID N

EXISTING UTILITY EASEMENT

STATE OF VERMONT
BK. 0-338/PG. 141
FORMERLY
MALSICK, MICHAEL L.
& BETTE J.
ACQUIRED UNDER PROJECT F 110-1(5)

BURGESS ROAD

NB 5+794.29
108.49 m (355.94') LT

8B

NB 5+786.34
66.24 m (217.32') LT

8A

NB 5+778.37
67.32 m (220.87') LT

NB 5+772.02
52.43 m (172.01') LT

NB 5+764.19
53.80 m (176.51') LT

7B

7A

STATE OF
VERMONT
BK. 378/PG. 126
FORMERLY SMITH
TIMOTHY D.

NB 5+765.69
19.34 m (63.45') LT

1B

NB 5+757.83
20.37 m (66.83') LT

NB 5+750.00
21.48 m (70.47') LT

STATE OF VERMONT
BK. 374/PG. 142
FORMERLY GATES,
WINFIELD P. SR. &
ISABELLE E.

6B

NB 5+749.02
CL

NB 5

6A

NB 5+756.43
1.84 m (6.04') RT

5A

STATE OF VERMONT
BK. 375/PG. 69
FORMERLY PURDY,
ROBERT

NB 5+746.94
24.28 m (79.66') RT

N/F CRAWFORD

N/F CUSHING

MATCH LINE STA. NB 5+800, ROW-5

N/F KNAPP

N/F SURDAM

N/F BRIGGS

BEGIN R.O.W. PROJECT
STA. NB 5+651.03
32.66 m (107.15') LT

NB 5+662.48
68.56 m (224.93') LT

1A

STATE OF VERMONT
BK. 375/PG. 155
FORMERLY RACICOT,
SELINA M.

NB 5+685.76
29.37 m (96.36') LT

2A

STATE OF VERMONT
BK. 402/PG. 105
FORMERLY VANDER RIET,
DEBORAH K.

NB 5+681.15
5.39 m (17.68') LT

2B

NB 5+739.01
4.34 m (14.24') RT

NB 5+746.58
5.75 m (18.86') RT

5B

NB 5+739.52
22.62 m (74.21') RT

N/F NOLIN

N/F DEFORGE

N/F FRECHETTE

SB 5+500

SB 5+600

NB 5+600

NB 5+700

MATCH LINE STA. NB 5+500, ROW-3

WEST STREET

BURGESS ROAD

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

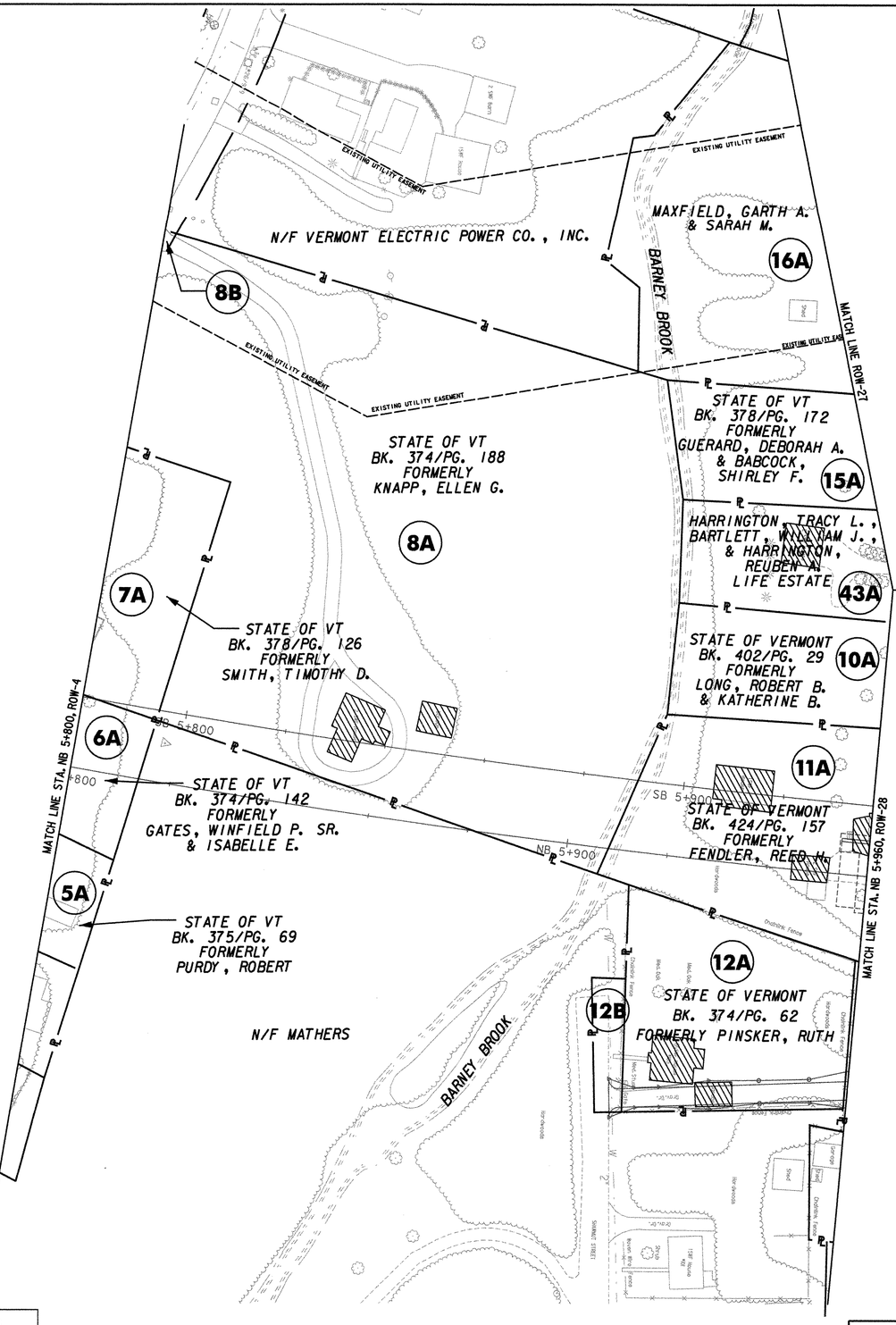
SIGNIFIES DEMOLITION & REMOVAL OF STRUCTURES AND IMPROVEMENTS

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-4

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 11-02-05
DRAWN BY: MBB
CHECKED BY: GAK

VAOT Metric



SEE SHEETS ROW-31 AND ROW-32 FOR DETAILED INFORMATION

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

SIGNIFIES DEMOLITION & REMOVAL OF STRUCTURES AND IMPROVEMENTS

0 10 20 30

SCALE 1:500

@ FULL SIZE

R.O.W. PLAN

ROW-5

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

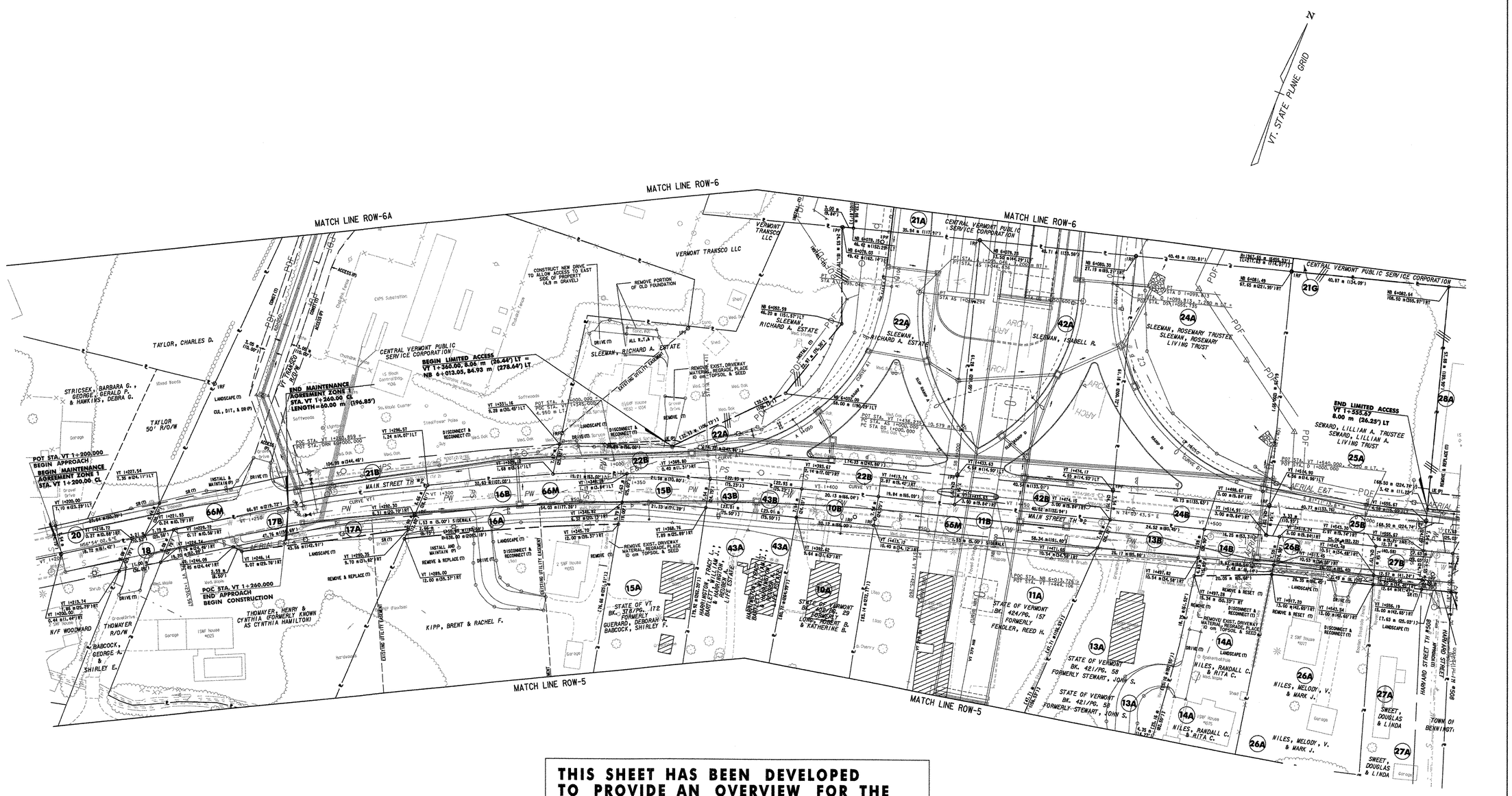
PLOT DATE: 1-30-06

DRAWN BY: MBB

CHECKED BY: GAK

SHEET: 68 OF 112

VAOT Metric



THIS SHEET HAS BEEN DEVELOPED TO PROVIDE AN OVERVIEW FOR THE APPRAISER. FOR DETAILED INFORMATION SEE SHEETS ROW-27 AND ROW-28

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-5A

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 4-25-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 69 OF 112

MATCH LINE ROW-6A

MATCH LINE ROW-27

MATCH LINE STA. NB 6+080, ROW-28

MATCH LINE STA. NB 6+370, ROW-7

VERMONT TRANSCO LLC

VT TRANSCO Substation

Chainlink Fence

CENTRAL VERMONT PUBLIC SERVICE CORPORATION

EXISTING VT TRANSCO UTILITY EASEMENT

BAKER, JOHN M. & DENISE M.

POC STA. A 1+242.365
STOP ROADWAY
BEGIN BRIDGE

POC STA. NB 6+209.077
STOP ROADWAY
BEGIN BRIDGE

POT STA. A 1+388.043
END BRIDGE
RESUME ROADWAY

POC STA. NB 6+354.869
END BRIDGE
RESUME ROADWAY

TEMPORARY SEDIMENTATION BASIN

NB 6+111.75
49.03 m (160.86') LT
[32.86 m (107.81')]

NB 6+188.00
57.70 m (189.30') LT

NB 6+148.76
53.11 m (174.24') LT

NB 6+143.49
43.19 m (141.70') LT

NB 6+223.95
70.97 m (232.84') LT

NB 6+321.28
102.76 m (337.14') LT

NB 6+315.52
64.14 m (210.43') LT

NB 6+312.16
40.50 m (132.87') LT

[80.29 m (263.42')]

[113.81 m (373.39')]

N 21° 13' 7.8" W

21A

44A

21C

45A

45B

21G

CURVE A2

CURVE D2

CURVE SB5

CURVE NB5

A 1+200

A 1+300

D 1+200

D 1+300

SB 6+100

SB 6+200

SB 6+300

NB 6+100

NB 6+200

NB 6+300

VT 279 SB

VT 279 NB

RAMP D

Hardwoods

SWALE

ARCH

R=1967.65 m (6455.53')
[L=217.63 m (714.01')]

POC STA. D 1+234.715
STOP ROADWAY
BEGIN BRIDGE

POC STA. D 1+381.324
END BRIDGE
RESUME ROADWAY

NB 6+302.83
27.05 m (88.75') RT

NB 6+291.64
67.65 m (221.95') RT

[174.46 m (572.37')]

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE

LOSS OF ACCESS

VT. STATE PLANE GRID

CURVE D2	
Δ =	13° 35' 37.7" LT.
R. =	1375.000m
T. =	163.883m
L. =	326.228m
E. =	9.732m
BANK=	0.020
PI STA.	D1+326.502
N =	42897.6240
E =	445165.6290
PC N =	42739.9592
E =	445210.3454
PT N =	43040.3620
E =	445085.1082

CURVE A2	
Δ =	6° 34' 14.6" LT.
R. =	1500.000m
T. =	86.105m
L. =	172.021m
E. =	2.469m
BANK=	0.020
PI STA.	A1+246.003
N =	42803.8050
E =	445136.2470
PC N =	42720.4993
E =	445158.0213
PT N =	42884.0719
E =	445105.0832

CURVE SB5	
Δ =	60° 16' 16.5" LT.
R. =	1820.000m
T. =	1056.530m
L. =	1914.516m
E. =	284.437m
BANK=	0.032
PI STA.	SB5+743.932
N =	42277.9017
E =	445532.0537
PCC N =	41350.4354
E =	445026.0287
PT N =	43177.2504
E =	444977.5929

CURVE NB5	
Δ =	55° 24' 30.7" LT.
R. =	1900.000m
T. =	997.703m
L. =	1837.417m
E. =	246.022m
BANK=	0.032
PI STA.	NB5+733.330
N =	42266.8841
E =	445508.4114
PCC N =	41372.0092
E =	445067.2651
PT N =	43138.0842
E =	445022.1796

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-6

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 4-25-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 70 OF 112

VAOT Metric

VT. STATE PLANE GRID N

TAYLOR, CHARLES D.

IRF

MATCH LINE ROW-27

IRF

EXISTING UTILITY EASEMENT

CONST (T)

CUL. DIT. & DR (P)

CONST (T)

CONST (T)

OPEN SWALE

60+150

60+200

60+250

60+300

3.05 m (10.00')

3.05 m (10.00')

LANDSCAPE (T)

21B

CENTRAL VERMONT PUBLIC SERVICE CORPORATION

4.51 m (15.00') ACCESS (P)

VT TRANSCO R/O/W

EXISTING UTILITY EASEMENT

ACCESS (P) 4.51 m (15.00')

Chainlink Fence

VERMONT TRANSCO LLC

VT TRANSCO Substation

Chainlink Fence

EXISTING VT TRANSCO UTILITY EASEMENT

MATCH LINE ROW-6

EXISTING VT TRANSCO UTILITY EASEMENT

MATCH LINE ROW-7A

N/F BAKER, HELEN E. & BAKER, JOHN

BAKER, JOHN M. & DENISE M.

ROARING BRANCH OF THE WALLOOSAC RIVER

EXISTING VT TRANSCO UTILITY EASEM

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

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0 10 20 30

SCALE 1:500 @ FULL SIZE

R.O.W. PLAN

ROW-6A

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07

DRAWN BY: MBB

CHECKED BY: GAK

SHEET: 71 OF 112

CURVE NB5
Δ = 55°24'30.7" LT.
R.= 1900.000m
T.= 997.703m
L.= 1837.417m
E.= 246.022m
BANK= 0.032
PI STA. NB5+733.330
N = 42266.8841
E = 445508.4114
PCC N = 41372.0092
E = 445067.2651
PT N = 43138.0842
E = 445022.1796

CURVE SB5
Δ = 60°16'16.5" LT.
R.= 1820.000m
T.= 1056.530m
L.= 1914.516m
E.= 284.437m
BANK= 0.032
PI STA. SB5+743.932
N = 42277.9017
E = 445532.0537
PCC N = 41350.4354
E = 445026.0287
PT N = 43177.2504
E = 444977.5929

CURVE A3
Δ = 5°39'26.0" LT.
R.= 450.000m
T.= 22.234m
L.= 44.432m
E.= 0.549m
BANK= 0.020
PI STA. A1+644.917
N = 43175.8508
E = 444991.7992
PC N = 43155.1242
E = 444999.8463
PT N = 43195.6832
E = 444981.7481

CURVE D2
Δ = 13°35'37.7" LT.
R.= 1375.000m
T.= 163.883m
L.= 326.228m
E.= 9.732m
BANK= 0.020
PI STA. D1+326.502
N = 42897.6240
E = 445165.6290
PC N = 42739.9592
E = 445210.3454
PT N = 43040.3620
E = 445085.1082

CURVE VR1
Δ = 76°07'56.8" RT.
R.= 15.000m
T.= 11.747m
L.= 19.931m
E.= 4.052m
BANK= N/A
PI STA. VR1+030.968
N = 43224.4220
E = 445027.0230
PC N = 43228.7195
E = 445037.9559
PT N = 43234.0062
E = 445020.2304

MAJOR Metric

VT. STATE PLANE GRID N

MATCH LINE ROW-7A

MATCH LINE STA. NB 6+370, ROW-6

MATCH LINE STA. NB 6+740, ROW-8

NB 6+400.32
75.00 m (246.06') LT

[80.29 m (263.42')]

[44.62 m (146.39')]

NB 6+443.18
58.24 m (191.08') LT

NB 6+538.15
24.77 m (81.27') LT

NB 6+426.97
25.69 m (84.28') LT

NB 6+486.48
15.17 m (49.77') LT

NB 6+531.75
5.84 m (19.16') LT

NB 6+647.29
75.01 m (246.10') LT

NB 6+608.92
8.07 m (26.48') LT

NB 6+601.44
4.98 m (16.34') RT

NB 6+620.83
16.21 m (53.18') RT

NB 6+663.71
73.18 m (240.09') LT

NB 6+725.73
58.19 m (190.91') LT

[49.47 m (162.30')]

NB 6+735.13
18.45 m (60.53') RT

[75.79 m (248.65')]

NB 6+733.07
26.96 m (88.45') RT

NB 6+728.26
30.00 m (98.42') RT

[208.30 m (683.40')]

NB 6+711.55
58.12 m (190.68') RT

NB 6+396.19
39.82 m (130.64') RT

NB 6+460.77
71.91 m (235.92') RT

NB 6+585.53
77.23 m (253.38') RT

NB 6+459.60
76.07 m (249.57') RT

NB 6+470.80
77.19 m (253.24') RT

NB 6+505.44
76.46 m (250.85') RT

NB 6+734.19
71.91 m (235.92') RT

[203.56 m (667.85')]

NB 6+669.66
128.60 m (421.92') RT

NB 6+612.85
30.00 m (98.42') RT

45A NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

45B NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

45C NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE LOSS OF ACCESS

45D NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

45E NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE LOSS OF ACCESS

45F NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE LOSS OF ACCESS

45G NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

45H BURT, C. OLIVER III

46A BAKER, JOHN M. & DENISE M. LOSS OF ACCESS

46B BAKER, JOHN M. & DENISE M.

46C BAKER, JOHN M. & DENISE M.

44A NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

44B NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

21D NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

21E NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

47A NORTH BRANCH REALTY TRUST MICHAEL A. DEEP, TRUSTEE

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXCEPT & RESERVE

VETERANS RESERVOIR ACCESS

CURVE NB5

CURVE D2

CURVE VR1

RAMP A

RAMP B

VT 279 NB

VT 279 SB

Gravel Drive

POC STA. NB 6+370.000, 6.900 m RT.
POT STA. D 1+326.756

POT STA. VR 1+000.000
LIMIT OF WORK

LOT LINE

LOT LINE

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DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-7

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

VAOT Metric

VT. STATE PLANE GRID N

MATCH LINE ROW-6A

MENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

N/F BAKER, HELEN E.
& BAKER, JOHN

N/F BAKER, JOHN M.
& DENISE M.

N/F BOUTIN

MATCH LINE ROW-6A

ENT

EXISTING VT TRANSCO UTILITY EASEMENT EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING CVPS UTILITY EASE

EXISTING VT

BAKER,
JOHN M. & DENISE M.

535' @ 11°55'(+/-
TO NORTH BRANCH ST.

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE
LOSS OF ACCESS

MATCH LINE ROW-7

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

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0 10 20 30

SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-7A

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 73 OF 112

VAOT Metric

VT. STATE PLANE GRID N

MATCH LINE ROW-8A

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE
LOSS OF ACCESS

JANE COLE REALTY LLC

JEPSON, GERALD A.

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

44B
NB 6+759.02
62.54 m (205.18') LT
[95.90 m (314.63')]
[33.57 m (110.14')]
22.89 m (75.10')
15.49 m (50.82')
CONST (T)
[49.47 m (162.30')]

45G
45D
NB 6+781.76
60.00 m (196.85') LT
NB 6+773.89
46.69 m (153.18') LT
POT STA. NB 6+755.000 = POT STA. VR 1+164.867

44A
[175.79 m (576.65')]
N 31°39' 16" W
N 29°9' 59.9" W
PT STA 1+148.270
CURVE NO. VR2
[208.30 m (683.40')]
[203.56 m (667.85')]

47A
47B
47C
47D
NB 6+896.08
80.44 m (263.91') LT
NB 6+903.00
81.35 m (266.90') LT
6.98 m (22.90')
60.48 m (198.42')
56.28 m (119.03')
36.11 m (446.55')
NB 6+917.02
51.30 m (168.31') LT
36.51 m (119.78')
PC STA NB 6+888.98
PT STA NB 6+904.79

47E
NB 6+951.90
49.93 m (163.81') LT
NB 6+977.86
0.68 m (2.23') LT
46.83 m (153.64')
NB 6+991.48
27.23 m (89.34') LT
NB 6+996.85
38.10 m (125.00') LT
52.99 m (173.85')
NB 7+002.59
50.00 m (164.04') LT
NB 7+001.40
35.65 m (116.96') LT
NB 7+006.33
50.31 m (165.06') LT
NB 7+042.68
54.02 m (177.23') LT
38.25 m (125.49')
[74.23 m (243.54')]
3.92 m (12.86')
5.31 m (17.42')
NB 7+027.93
21.93 m (71.95') LT

44C
48C
48A
48B
48D
48E
21E
67
VT 279 SB
VT 279 NB
CURVE SB6
CURVE NB6
SB 6+800
SB 6+900
NB 6+800
NB 6+900
NB 7+000
CZ
209.67 m (687.89')
[208.30 m (683.40')]
29.92 m (98.16')
40.44 m (132.68')
29.83 m (97.87')
NB 7+014.88
4.86 m (15.94') RT
NB 6+982.92
0.17 m (0.56') RT
5.13 m (16.83')
[85.30 m (279.86')]
[90.25 m (296.10')]
[83.52 m (274.02')]
3.05 m (10.00') PEDESTRIAN CROSSING EASEMENT
EXISTING GREEN MOUNTAIN CLUB 20' R/O/W
RELOCATED
62.86 m (206.23')
31.59 m (103.64')
76.62 m (251.38')
NB 7+005.60
56.69 m (185.99') RT
NB 7+028.24
80.10 m (262.79') RT
[224.14 m (735.37')]
40.56 m (133.07')
[178.03 m (584.09')]
NB 7+058.84
109.48 m (359.19') RT

MATCH LINE STA. NB 6+740, ROW-7

MATCH LINE STA. NB 7+090, ROW-9

NB 7+002.13
57.31 m (188.02') RT
END PEDESTRIAN CROSSING EASEMENT

NB 6+939.81
66.48 m (218.11') RT

BURT, C. OLIVER III

CURVE NB6	CURVE SB6
Δ = 29°55'02.1" RT.	Δ = 32°24'15.3" RT.
R. = 1100.000m	R. = 1175.000m
T. = 293.893m	T. = 341.416m
L. = 574.370m	L. = 664.534m
E. = 38.584m	E. = 48.597m
BANK= 0.045	BANK= 0.046
PI STA. NB7+198.684	PI STA. SB7+151.341
N = 43684.3970	N = 43644.9355
E = 444717.2730	E = 444689.2599
PC N = 43427.7680	PC N = 43354.3120
E = 444860.5020	E = 444868.4320
PT N = 43978.2646	PT N = 43986.3230
E = 444721.1230	E = 444693.7290

CURVE VR2
Δ = 83°50'08.8" LT.
R. = 20.000m
T. = 17.956m
L. = 29.264m
E. = 6.878m
BANK= N/A
PI STA. VR1+136.962
N = 43313.8070
E = 444963.6730
PC N = 43299.1570
E = 444974.0559
PT N = 43305.0572
E = 444947.9928

0 10 20 30
SCALE 1:500
@ FULL SIZE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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R.O.W. PLAN
ROW-8

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 74 OF 112

VAOT Metric

VT. STATE PLANE GRID N

MATCH LINE ROW-7A

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE

LOSS OF ACCESS

EXISTING VT TRANSCO UTILITY EASEMENT

JANE COLE REALTY LLC

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

JEPSON, GERALD A.

MATCH LINE ROW-8

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-8A

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

CURVE Bmr3
Δ = 89°43'41.6" RT.
R. = 4.000m
T. = 3.981m
L. = 6.264m
E. = 1.643m
BANK= N/A
PI STA. Bmr0+090.662

CURVE Bmr4
Δ = 18°36'7.5" LT.
R. = 30.000m
T. = 4.913m
L. = 9.740m
E. = 0.400m
BANK= N/A
PI STA. Bmr0+130.763

CURVE NB6
Δ = 29°55'02.1" RT.
R. = 1100.000m
T. = 293.893m
L. = 574.370m
E. = 38.584m
BANK= 0.045
PI STA. NB7+198.684
N = 43684.3970
E = 444717.2730
PC N = 43427.7680
E = 444860.5020
PT N = 43978.2646
E = 444721.1230

CURVE SB6
Δ = 32°24'15.3" RT.
R. = 1175.000m
T. = 341.416m
L. = 664.534m
E. = 48.597m
BANK= 0.046
PI STA. SB7+151.341
N = 43644.9355
E = 444689.2599
PC N = 43354.3120
E = 444868.4320
PT N = 43986.3230
E = 444693.7290

CURVE BMI
Δ = 71°33'14.0" LT.
R. = 15.000m
T. = 10.809 m
L. = 18.733 m
E. = 3.489 m
BANK= N/A
PI STA. BMI+011.492
N = 43623.3510
E = 444732.0530
PC N = 43618.7056
E = 444722.2929
PT N = 43634.0795
E = 444730.7345

CURVE BM2
Δ = 81°08'46.7" RT.
R. = 5.000m
T. = 4.281 m
L. = 7.081 m
E. = 1.583 m
BANK= N/A
PI STA. BMI+038.643
N = 43653.1631
E = 444728.3892
PC N = 43648.9137
E = 444728.9114
PT N = 43654.3332
E = 444732.5077

VAOT Metric

VT. STATE PLANE GRID N

NB 7+127.40
67.75 m (222.28') LT
BEGIN PEDESTRIAN CROSSING EASEMENT
3.05 m (10.00') WIDE CENTERED ON TRAIL

NB 7+128.44
67.97 m(223.00')LT

POT STA. BM 1+000.000
LIMIT OF WORK

NB 7+180.00
80.00 m(262.47')LT

NB 7+240.00
80.00 m(262.47')LT

NB 7+301.07
80.72 m(264.83')LT

NB 7+325.00
82.00 m(269.03')LT

NB 7+423.63
78.00 m(255.90')LT

NB 7+112.37
64.79 m(212.57')LT

56.32 m(184.78')
64.36 m(211.15')
65.53 m(214.99')
25.73 m(84.42')
105.84 m(347.24')
[74.23 m (243.54')]
[73.34 m (66.88')]
[173.75 m (570.04')]
[158.68 m (192.52')]
[65.81 m(215.91')]
[39.44 m (129.43')]
64.01 m(210.01')
175.60 m(576.11')
5.24 m (50.00')

JEPSON, GERALD A.

PROUTY, GEORGE E. & JOANNE B.

JANE COLE REALTY, LLC

LANDSCAPE (T)

SHED

MONITOR

BALD MOUNTAIN TRAIL
PEDESTRIAN UNDERPASS

JEPSON, GERALD A. 48F

49E

49A

47I

67

69

48C

44D

CURVE BM2

CURVE BM1

CURVE SB6

CURVE NB6

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

EXISTING GREEN MOUNTAIN CLUB 20' R/O/W

3.05 m (10.00') PEDESTRIAN CROSSING EASEMENT

N 7°00'22.7" W

N 74°8'24.0" E

PC STA BM 1+000.805

PT STA BM 1+074.362

PC STA BM 1+108.416

PT STA BM 1+133.362

VT 279 SB

VT 279 NB

CONST (T)

D I T & DR (P)

SW 10+000

MATCH LINE STA. NB 7+090, ROW-8

MATCH LINE ROW-9A

MATCH LINE STA. NB 7+440, ROW-10

LINES 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.

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DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-9

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 76 OF 112

VT. STATE PLANE GRID N

MATCH LINE ROW-9

NB 7+100

NB 7+105.52
12.85 m (42.16') RT

[85.30 m (279.86')]

[90.25 m (296.10')]

[83.52 m (274.02')]

11.83 m (38.81')

3.05 m (10.00') PEDESTRIAN CROSSING EASEMENT

NB 7+099.60
46.24 m (151.71') RT

RELOCATED UTILITY EASEMENT

NB 7+090.71
38.06 m (124.87') RT

MATCH LINE ROW-8

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

JEPSON, GERALD A.

POC STA. NB 7+160.000 =
POT STA. BM 1+073.115

BM 1+100

165.50 m (542.98')

POT STA. BM 1+114.000
LIMIT OF WORK

[224.14 m (735.37')]

EXISTING VT TRANSCO UTILITY EASEMENT

NB 7+271.67
80.08 m (262.73') RT

3.79 m (12.43')

16.29 m (53.44')

16.97 m (55.68')

NB 7+289.13
82.02 m (269.09') RT

NB 7+270.88
83.80 m (274.93') RT

114.82 m (376.71')

68.00 m (223.10')

RELOCATED UTILITY EASEMENT
[178.03 m (584.09')]

JEPSON, GERALD A.
LOSS OF ACCESS

NB 7+255.61
150.42 m (493.50') RT

131.11 m (430.15')

PROUTY, GEORGE E. & JOANNE B.
LOSS OF ACCESS

NB 7+407.98
159.93 m (524.70') RT

[223.69 m (733.89')]

JEPSON, GERALD A.

EXISTING CVPS UTILITY EASEMENT

[65.81 m (215.91')]

NB 7+300

199.14 m (326.25')

PROUTY, GEORGE E. & JOANNE B.

NB 7+354.57
5.42 m (17.78') LT

68.02 m (223.16')

EXISTING CVPS UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

[58.68 m (192.52')]

JANE COLE REALTY, LLC

NB 7+420.40
19.42 m (63.71') LT

[181.53 m (595.57')]

[49.51 m (162.43')]

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

NB 7+417.39
30.00 m (98.42') RT

[143.18 m (469.75')]

MATCH LINE ROW-10

131.68 m (103.94')

NB 7+415.32
61.62 m (202.16') RT

EXISTING VT TRANSCO UTILITY EASEMENT

[148.93 m (488.61')]

JANE COLE REALTY, LLC

26.74 m (87.73')

NB 7+413.47
88.31 m (289.73') RT

71.79 m (235.53')

QUARRY ROAD

JANE COLE REALTY, LLC

MATCH LINE ROW-10A

44D 48B 67 48E 48D 44A 48C 21E 49A 49B 49C 49D 44D 69 21E 49E 47H 21F 44A 47F 47G

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-9A

PROJECT NAME: BENNINGTON BYPASS
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP

PROJECT NUMBER: NH F019-1(5)
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 77 OF 112

CURVE NB6	
Δ = 29°55'02.1" RT.	
R. = 1100.000m	
T. = 293.893m	
L. = 574.370m	
E. = 38.584m	
BANK= 0.045	
PI STA.	NB7+198.684
N =	43684.3970
E =	444717.2730
PC N =	43427.7680
E =	444860.5020
PT N =	43978.2646
E =	444721.1230

CURVE SB6	
Δ = 32°24'15.3" RT.	
R. = 1175.000m	
T. = 341.416m	
L. = 664.534m	
E. = 48.597m	
BANK= 0.046	
PI STA.	SB7+151.341
N =	43644.9355
E =	444689.2599
PC N =	43354.3120
E =	444868.4320
PT N =	43986.3230
E =	444693.7290

Metric

VT. STATE PLANE GRID

CONSTRUCT DRIVE
STA. QR 1+100.0, RT. (6.0 m GRAVEL)
DRIVE GATE FOR CHAIN LINK FENCE (TYPE II)
STA. QR 1+049, LT-RT

JANE COLE REALTY LLC

QUARRY ROAD

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

NB 7+593.33
69.75 m (228.84') LT

NB 7+664.02
67.00 m (219.82') LT

[L=34.88 m (114.44')
R=520.00 m (1706.03')]

NB 7+778.09
55.00 m (180.45') LT

DR (P)

[173.75 m (570.04')]

70.74 m (232.09')

[114.70 m (376.31')]

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

BRK 50' R.O.W.

60.99 m (200.10')

N 0° 44' 59.9" E

CURVE SB6

VT 279 SB

SB 7+500

SB 7+600

SB 7+700

PC STA SB 7+765.606

PT STA SB 7+474.459

[181.53 m (595.57')]

[159.38 m (522.90')]

NB 7+661.89
6.05 m (19.85') LT

CURVE NB6

VT 279 NB

NB 7+500

NB 7+600

NB 7+700

NB 7+595.58
12.45 m (40.85') RT

NB 7+645.43
1.45 m (4.76') LT

NB 7+567.32
20.34 m (66.73') RT

NB 7+660.98
15.37 m (50.43') RT

EXISTING VERIZON UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

51.75 m (169.78')

NB 7+645.33
14.67 m (48.13') RT

5.57 m (18.27')

9.93 m (32.58')

49.79 m (163.35')

83.92 m (275.33')

67.91 m (222.80')

15.32 m (50.26')

NB 7+660.84
20.76 m (68.11') RT

[120.54 m (395.47')]

[L=3.30 m (10.83')
R=595.76 m (1954.59')]

PC STA NB 7+778.091

117.26 m (384.71')

NB 7+778.10
20.76 m (68.11') RT

3.75 m (12.30')

15.66 m (51.38')

N 0° 45' 02.2" E

QUARRY ACCESS DRIVE

QR 1+100

NB 7+660.72
24.51 m (80.41') RT

[215.34 m (706.50')]

NB 7+561.95
21.84 m (71.65') RT

NB 7+577.23
20.78 m (68.18') RT

[143.18 m (469.75')]

[148.93 m (488.61')]

PT STA NB 7+479.16

POT STA. QR 1+042.037
LIMIT OF WORK

NB 7+645.07
23.81 m (78.12') RT

POT STA. QR 1+088.508 =
POT STA. NB 7+673.734,
28.300 m RT.

PC STA QR 1+186.853

[124.37 m (408.04')]

38.68 m (126.90')

RELOCATED UTILITY EASEMENT

[126.99 m (416.63')]

NB 7+658.74
80.95 m (265.58') RT

EXCEPT & RESERVE
15.24 m (50.00')
(CENTERED ON EXISTING RD)

EXCEPT & RESERVE
15.24 m (50.00') R.O.W.

EXCEPT & RESERVE
6.10 m (20.00') WIDE R.O.W.

JANE COLE REALTY LLC

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

21F 47I 47H 68 44E 50E 44A 69 47J 47K 50D 50C 50B 47F 47L 50A 47G 41 47M

MATCH LINE STA. NB 7+440, ROW-9

MATCH LINE STA. NB 7+780, ROW-11

MATCH LINE ROW-10A

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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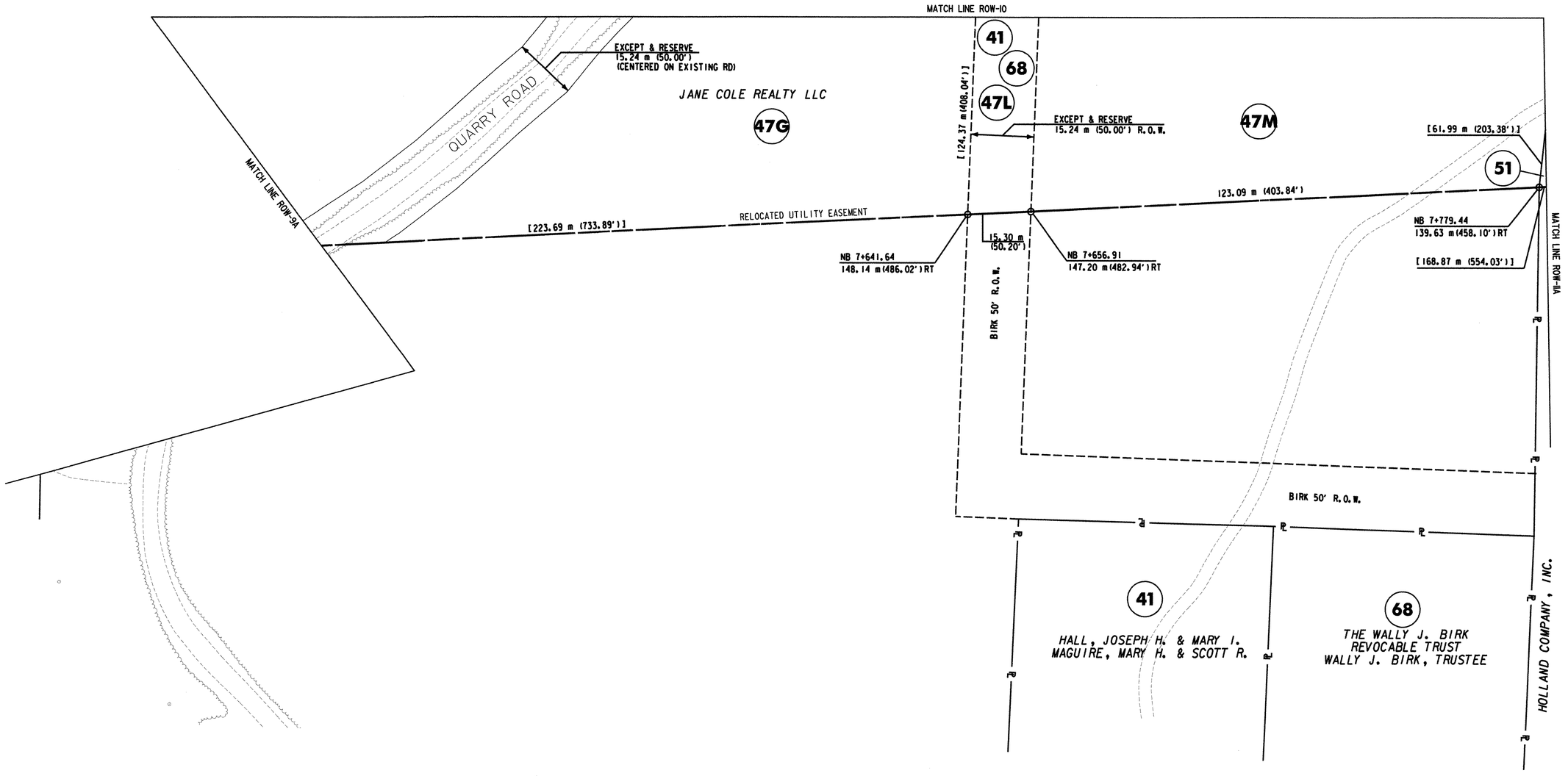
0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-10

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

VAOT Metric

N
VT. STATE PLANE GRID



DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-10A

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 1-30-06
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 79 OF 112

VAOT Metric

N
VT. STATE PLANE GRID

FORMER PENT ROAD LOCATION

TOWN OF BENNINGTON
66

OLD QUARRY ROAD

PROUTY, GEORGE E. & JOANNE B.
49

JANE COLE REALTY, LLC
47

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.
50

FORREST, SHIRLEY E. ESTATE
52

CANNISTRACI, ANTHONY A. & ANGELA J.
54

SB 7+400 SB 7+500 SB 7+600 SB 7+700 SB 7+800 SB 7+900 SB 8+000 SB 8+100

NB 7+400 NB 7+500 NB 7+600 NB 7+700 NB 7+800 NB 7+900 NB 8+000 NB 8+100

366 m (1200' ±) TO CHAPEL ROAD

RELOCATED PENT RD

50' RIGHT-OF-WAY TO BE RELINQUISHED TO THE TOWN OF BENNINGTON

QUARRY ACCESS DRIVE

GATE

OLD PENT ROAD

STATE OF VERMONT

STATE OF VERMONT

STATE OF VERMONT

POINT "A" TO POINT "B" = 585 m (1920') +/-

POINT "A"
NB 8+009.68
28.30 m (92.85') RT

RELOCATED UTILITY EASEMENT

RELOCATED UTILITY EASEMENT FOR CVPS & VT TRANSCO LLC

EXISTING QUARRY ROAD

EXCEPT & RESERVE
15.24 m (50.00')
(CENTERED ON EXISTING RD)

POINT "B"
NB 7+485.72
157.75 m (517.55') RT

RELOCATED UTILITY EASEMENT

WOODS ROAD

OLD LOGGING ROAD

BIRK 50' R.O.W.

BIRK 50' R.O.W.

PROUTY, GEORGE E. & JOANNE B.
49

JANE COLE REALTY, LLC
47

HOLLAND COMPANY, INC.
51

WALBRIDGE, J. EDWARD UNKNOWN HEIRS
53

JANE COLE REALTY, LLC
47

TOWN OF BENNINGTON
66

HALL, JOSEPH H. & MARY I. MAGUIRE, MARY H. & SCOTT R.
41

THE WALLY J. BIRK REVOCABLE TRUST
WALLY J. BIRK, TRUSTEE
68

DETAIL OF EASEMENT FOR
JANE COLE REALTY, LLC
HALL, JOSEPH H. & MARY I. &
MAGUIRE, SCOTT R. & MARY H.
AND THE WALLY J. BIRK REVOCABLE TRUST
WALLY J. BIRK, TRUSTEE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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0 20 40 60
SCALE 1:1000
@ FULL SIZE

R.O.W. PLAN
ROW-10B

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 6-8-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 79-A OF 112

CURVE NB7
Δ = 90°45'02.2"
R.= 575.000m
T.= 582.583m
L.= 910.741m
E.= 243.552m
BANK= 0.078
PI STA. NB8+360.674
N = 44859.7020
E = 444732.6710
PC N = 44277.1693
E = 444725.0391
PT N = 44859.7019
E = 444150.0883

CURVE SB7
Δ = 90°45'0.1"
R.= 547.500m
T.= 554.714m
L.= 867.178m
E.= 231.900m
BANK= N/A
PI STA. SB8+320.410
N = 44832.2019
E = 444704.8017
PC N = 44277.5357
E = 444697.5410
PT N = 44832.2019
E = 444150.0879

CURVE QR1
Δ = 57°51'50.8"
R.= 603.300m
T.= 333.480m
L.= 609.284m
E.= 86.033m
BANK= N/A
PI STA. QR1+520.333
N = 44610.2574
E = 444757.7022
PC N = 44276.8060
E = 444753.3381
PT N = 44791.3254
E = 444477.6607

DRIVE GATE FOR CHAIN LINK FENCE (TYPE II)
STA. QR 1+420, LT-RT

CONSTRUCT DRIVE
STA. QR 1+433.3, RT. (7.2 m GRAVEL)
STA. QR 1+480.0, RT. (7.2 m GRAVEL)

VT. STATE PLANE GRID N

EXIST. CVPS UTILITY EASEMENT
EXISTING VT TRANSCO UTILITY EASEMENT

APPROXIMATE LOCATION OF LAID OUT PENT ROAD 20' WIDE

CANNISTRACI, ANTHONY A. & ANGELA J.

TOWN OF BENNINGTON

FORREST, SHIRLEY E. ESTATE

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

EXISTING CVPS UTILITY EASEMENT
EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

RELOCATED UTILITY EASEMENT

RELOCATED PENT RD

QUARRY ACCESS DRIVE

Old Pentwood

MATCH LINE STA. NB 7+780, ROW-10

MATCH LINE STA. NB 8+120, ROW-12

MATCH LINE ROW-12A

MATCH LINE ROW-11A

VT 279 SB

VT 279 NB

CURVE NB7

CURVE QR1

SB 7+900

SB 7+800

SB 8+000

NB 7+800

NB 7+900

NB 8+000

QR 1+300

QR 1+400

QR 1+500

50E NB 7+816.67 55.00 m (180.45') LT
[L=34.88 m (114.44') R=520.00 m (1706.03')]
[159.38 m (522.90')]

NB 7+887.13 55.00 m (180.45') LT
L=63.72 m (209.05') R=520.00 m (1706.03')

NB 7+970.51 55.00 m (180.45') LT
L=75.41 m (247.41') R=520.00 m (1706.03')

L= 11.50 m (37.73') R=520.00 m (1706.03')
NB 8+051.28 55.00 m (180.45') LT
L= 6.79 m (22.28') R=520.00 m (1706.03')
L=66.25 m (217.36') R=520.00 m (1706.03')
NB 8+043.77 55.00 m (180.45') LT

NB 8+063.99 55.00 m (180.45') LT
DR. (P)
CONST (T) [L=87.10 m (285.76') R=520.00 m (1706.03')]
SR (P)
CONST (T)

82.23 m (269.78')
84.71 m (278.02')
81.83 m (268.47')

91.28 m (299.47')

15.24 m (50.00') WIDE

NB 8+018.39 20.76 m (68.11') RT
NB 8+114.69 20.76 m (68.11') RT
L= 6.61 m (21.69') R=595.76 m (1954.59')
L=93.21 m (305.81') R=595.76 m (1954.59')
L= 6.46 m (21.19') R=595.76 m (1954.59')
NB 8+012.15 20.76 m (68.11') RT
NB 8+024.77 20.76 m (68.11') RT
L=68.99 m (226.35') R=595.76 m (1954.59')
[L=177.71 m (583.04') R=595.76m (1954.59')]
[113.73 m (373.13')]

NB 7+945.56 20.76 m (68.11') RT
L=74.59 m (244.72') R=595.76 m (1954.59')
[59.95 m (196.69')]
[62.73 m (205.81')]
[64.89 m (212.89')]

NB 7+873.57 20.76 m (68.11') RT
NB 7+871.28 32.96 m (108.14') RT
[L=3.30 m (10.83') R=595.76 m (1954.59')]
[L=95.63 m (313.75') R=595.76 m (1954.59')]
[120.54 m (395.47')]
NB 7+781.28 20.76 m (68.11') RT
[215.34 m (706.50')]
94.89 m (311.32')
12.43 m (40.78')
9.14 m (30.00')
32.57 m (106.86')

NB 7+936.73 51.94 m (170.41') RT
[61.78 m (202.69')]
NB 7+869.66 41.93 m (137.57') RT
[72.94 m (239.30')]
72.75 m (238.68')
9.15 m (30.02')
[41.69 m (136.78')]

50E 44E 50D 50F 69 50B 52A 52B 52C 52D 50A 54A 54B 54C 54D 54E 54F 66A 66D 66C 55D 55C

TOWN OF BENNINGTON

GEORGE E. HADWEN, TRUSTEE
GEORGE E. HADWEN TRUST

TOWN OF BENNINGTON

CANNISTRACI, ANTHONY A. & ANGELA J.

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

FORREST, SHIRLEY E. ESTATE

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-11

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 80 OF 112

VT. STATE PLANE GRID N

MATCH LINE ROW-11

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.
50A

RELOCATED UTILITY EASEMENT

[126.99 m (416.63')]

NB 7+784.79
77.97 m (255.81') RT

215.99 m (708.63')

47M

[61.99 m (203.38')]

[41.69 m (136.78')]

NB 7+862.80
82.93 m (272.08') RT

52D

NB 7+925.70
96.03 m (315.06') RT

73.81 m (242.16')

FORREST, SHIRLEY E. ESTATE

HOLLAND COMPANY, INC.
51

EXCEPT & RESERVE
6.10 m (20.00') WIDE R.O.W.

STA. QR 1+341.72, 67.73 m (222.21') RT
BEGIN RELINQUISHMENT ZONE #1

RELOCATED UTILITY EASEMENT [168.87 m (554.03')]

MATCH LINE ROW-10A

[72.94 m (239.30')]

NB 7+934.40
60.73 m (199.25') RT

69

[9.15 m (30.02')]

36.66 m (120.28')

54E

NB 7+982.10
80.77 m (264.99') RT

[61.78 m (202.69')]

57.17 m (187.57')

20' WIDE

CANNISTRACI, ANTHONY A. & ANGELA J.

54G

52.91 m (173.59')
APPROXIMATE LOCATION OF LAID OUT PENT ROAD
48.07 m (157.71')

19.17 m (62.89')

12.80 m (42.00')

54H

66D

38.60 m (126.64')

31.38 m (102.95')

NB 7+941.69
100.75 m (330.54') RT

NB 7+957.43
105.97 m (347.67') RT

6.64 m (21.79')

NB 7+952.04
104.12 m (341.60') RT

WALBRIDGE, J. EDWARD
UNKNOWN HEIRS
53

EXCEPT & RESERVE
6.10 m (20.00') WIDE R.O.W.

55.20 m (181.10')

53.74 m (176.31')

47N

JANE COLE REALTY, LLC

EXCEPT & RESERVE
6.10 m (20.00') WIDE R.O.W.

52.28 m (171.52')

[64.89 m (212.89')]

NB 8+000.95
80.27 m (263.35') RT

78.34 m (257.02')

EXISTING VERIZON UTILITY EASEMENT

54F

9.15 m (30.02')

8.43 m (27.66')

NB 7+997.93
88.74 m (291.14') RT

NB 7+994.19
76.79 m (251.94') RT

13.10m (42.98')

NB 7+988.75
74.06 m (242.98') RT

NB 7+987.52
83.42 m (273.69') RT

NB 7+988.16
117.93 m (386.91') RT

66F

EXCEPT & RESERVE
6.10 m (20.00') WIDE R.O.W.

66C

66E

EXISTING VERIZON UTILITY EASEMENT

78.36 m (257.09')

NB 8+060.18
116.76 m (383.07') RT

NB 8+056.64
124.84 m (409.58') RT

TOWN OF BENNINGTON

NB 8+044.82
153.38 m (503.21') RT

[113.73 m (373.13')]

93.15 m (30.02')

55C

55B

69

55A

32.09 m (105.28')

GEORGE E. HADWEN, TRUSTEE
GEORGE E. HADWEN TRUST

35.73 m (117.22')

[30.05 m (98.62')]

MATCH LINE ROW-12A

NB 8+071.36
164.76 m (540.55') RT

61.82 m (202.82')

38.67 m (126.87')

38.67 m (126.87')

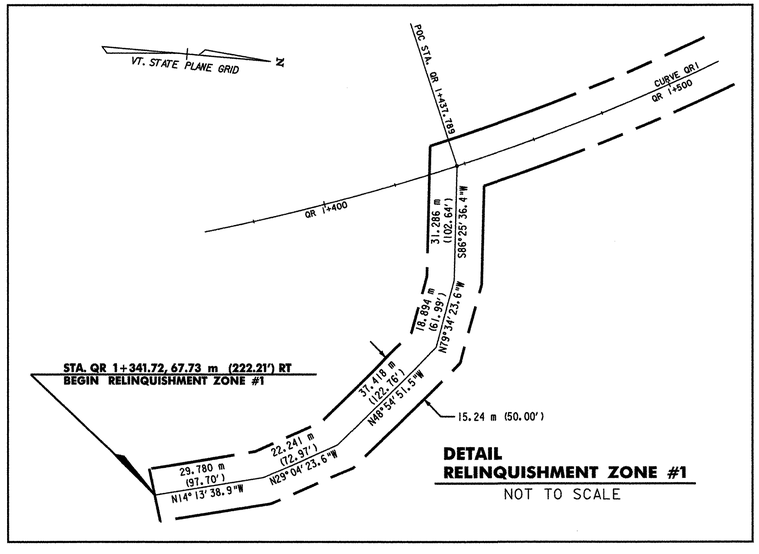
76.41 m (250.69')

NB 7+914.47
149.52 m (490.55') RT

NB 7+944.38
157.27 m (515.98') RT

NB 7+973.59
166.95 m (547.74') RT

NB 8+028.78
191.48 m (628.21') RT



DETAIL
RELINQUISHMENT ZONE #1
NOT TO SCALE

0 10 20 30
SCALE 1:500
@ FULL SIZE

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

R.O.W. PLAN
ROW-11A

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 1-30-06
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 81 OF 112

CURVE CHI	
Δ =	13°20'29.3"
R. =	315.411m
T. =	36.889m
L. =	73.444m
E. =	2.150m
BANK =	0.044
PI STA.	CH 1+348.535
	N = 44729.2251
	E = 444458.9346
PC	N = 44692.4025
	E = 444456.7224
PT	N = 44764.5435
	E = 444469.5841

CURVE NB7	
Δ =	90°45'02.2"
R. =	575.000m
T. =	582.583m
L. =	910.741m
E. =	243.552m
BANK=	0.078
PI STA.	NB8+360.674
	N = 44859.7020
	E = 444732.6710
PC	N = 44277.1693
	E = 444725.0391
PT	N = 44859.7019
	E = 444150.0883

CURVE SB7	
Δ =	90°45'0.1"
R. =	547.500m
T. =	554.714m
L. =	867.178m
E. =	231.900m
BANK=	N/A
PI STA.	SB8+320.410
	N = 44832.2019
	E = 444704.8017
PC	N = 44277.5357
	E = 444697.5410
PT	N = 44832.2019
	E = 444150.0879

CURVE QR1	
Δ =	57°51'50.8"
R. =	603.300m
T. =	333.480m
L. =	609.284m
E. =	86.033m
BANK=	N/A
PI STA.	QR1+520.333
	N = 44610.2574
	E = 444757.7022
PC	N = 44276.8060
	E = 444753.3381
PT	N = 44791.3254
	E = 444477.6607

DRIVE GATE FOR CHAIN LINK FENCE (TYPE II)
STA. CH 1+412.3, RT. (QUARRY ACCESS ROAD)
STA. CH 1+320.4, LT.

CONSTRUCT DRIVE
STA. CH 1+261.6, LT. (7.2 m GRAVEL)
STA. CH 1+320.4, LT. (3.6 m GRAVEL)
STA. CH 1+430.6, RT. (4.5 m GRAVEL)

POT STA. CH 1+225.000
BEGIN APPROACH

POT STA. CH 1+260.000
END APPROACH
BEGIN CONSTRUCTION

SLOCUM, ALBERT J. & PATRICIA W.

BEGIN MAINTENANCE AGREEMENT ZONE 5
STA. CH 1+327.21 ℄ =
STA. NB 8+327.23
51.66 m (169.49') LT

STA. QR 1+787.83
END RELINQUISHMENT ZONE #1

POC STA. NB 8+331.583
STOP ROADWAY
BEGIN BRIDGE

POC STA. NB 8+365.523
END BRIDGE
RESUME ROADWAY

POT STA. CH 1+430.000
END CONSTRUCTION
BEGIN APPROACH

POT STA. CH 1+465.000
END APPROACH

END MAINTENANCE AGREEMENT ZONE 5
STA. CH 1+425.47 ℄ =
STA. NB 8+362.02
40.23 m (131.99') RT
LENGTH = 98.26 m (322.37')

POC STA. SB 83+00.855 =
POC STA. CH 1+345.198

PT STA. QR 1+796.137 =
POT STA. CH 1+413.060

POC STA. NB 8+350.609 =
POC STA. CH 1+383.546

TOWN OF BENNINGTON

GEORGE E. HADWEN, TRUSTEE
GEORGE E. HADWEN TRUST

STATE OF VERMONT
BK. 408/PG. 137
FORMERLY
PARK, JASON E. & TRACY D.

WATSON, CYNTHIA W.

MATCH LINE ROW-12A

MATCH LINE STA. NB 8+420, ROW-13

MATCH LINE STA. NB 8+420, ROW-11

VT. STATE PLANE GRID N

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-12

PROJECT NAME:	PROJECT NUMBER:
BENNINGTON BYPASS	NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row	PLOT DATE: 3-26-07
PROJECT LEADER: JDP	DRAWN BY: MBB
	CHECKED BY: GAK
	SHEET: 82 OF 112

MATCH LINE ROW-11A

MATCH LINE ROW-11

VT. STATE PLANE GRID

N

55C

55B

69

55A

NB 8+189.00
118.08 m (387.40') RT

1145.76 m
(418.21')

NB 8+101.36
149.35 m (489.99') RT

RELOCATED UTILITY EASEMENT
112.32 m (368.50')

(30.06 m
(98.62')

11.12 m
(36.48')

GEORGE E. HADWEN,
TRUSTEE
GEORGE E. HADWEN
TRUST
LOSS OF ACCESS

MATCH LINE ROW-12

MATCH LINE ROW-11A

NB 8+093.14
153.31 m (502.98') RT

EXISTING VERIZON UTILITY EASEMENT

EXISTING VERIZON UTILITY EASEMENT

9B

STATE OF VERMONT
BK. 408/PG. 137
FORMERLY
PARK, JASON E. & TRACY D.

WATSON, CYNTHIA W.

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-12A

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 83 OF 112

VAOT Metric

CONSTRUCT DRIVE
STA. NB 8+457.0 - NB 8+475.0 LT. (4.8 m GRAVEL)
STA. NB 8+475.0 - NB 8+477.0 LT. (4.8 m GRAVEL)

VT. STATE PLANE GRID N

JELLEY, KEITH R. & FRANCINE M.

57

TH 85 (CLASS 4)

INSTALL (T)

NB 8+645.67
93.60 m (307.09') LT

CONST (T)

BENNINGTON COUNTY INDUSTRIAL CORPORATION

58

INSTALL (T)

NB 8+738.70
72.50 m (237.86') LT

INSTALL (T)

NB 8+477.82
83.63 m (274.38') LT

DRIVE (T)

DRIVE (T)

DRIVE (T)

JELLEY R.O.W.

INSTALL (T)

103.33 m (339.01')

NB 8+618.07
94.81 m (311.06') LT

DR (P)

INSTALL (T)

23.11 m (75.82')

NB 8+638.74
85.99 m (282.11') LT

9.60 m (31.50')

IRF

NB 8+599.65
95.00 m (311.68') LT

15.38 m (50.46')

GEORGE E. HADWEN, TRUSTEE
GEORGE E. HADWEN TRUST

TEMPORARY HAUL ROAD

27.18 m (91.14')

R=518.00 m (1699.47')
L=127.06 m (397.18')

POC STA. NB 8+541.000
STOP ROADWAY
BEGIN BRIDGE

NB 8+486.82
57.00 m (187.01') LT

66J

29.07 m (95.37')

NB 8+636.29
57.00 m (187.01') LT

102A

STATE OF VERMONT
FORMERLY
BENNINGTON COUNTY
INDUSTRIAL CORPORATION

9.85 m (32.32')

NB 8+635.52
47.17 m (154.76') LT

POC STA. NB 8+685.900
END BRIDGE
RESUME ROADWAY

PI STA SB 8+632.812

SB 8+400

SB 8+500

CURVE SB7

SB 8+600

VT 279 SB

55J

55L

55M

N 90° 00' 00.0" W

SB 8+700

101

STATE OF VERMONT
FORMERLY
MT. ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

MATCH LINE STA. NB 8+420, ROW-12

MATCH LINE STA. NB 8+780, ROW-14

55K

[161.92 m (530.92')]

[105.39 m (345.77')]

44F

NB 8+429.82
46.42 m (152.30') RT

21H

47.86 m (157.02')

[66.98 m (219.75')]

NB 8+500

CURVE NB7

VT 279 NB

NB 8+600

GEORGE E. HADWEN, TRUSTEE
GEORGE E. HADWEN TRUST

UNNAMED STREAM

FURNACE BROOK

TH 85

PI STA NB 8+654.831

NB 8+688.83
45.00 m (147.64') RT

INSTALL (T)

INSTALL (T)

NB 8+472.26
58.53 m (192.03') RT

143.09 m (469.45')

NB 8+636.42
45.00 m (147.64') RT

39.27 m (128.84')

NB 8+638.73
84.18 m (276.18') RT

PARCELS "101" & "102" PURCHASED
UNDER PROJECT DPI 0146 (1)

EXISTING CVPS UTILITY EASEMENT

EXISTING VT TRANSCO UTILITY EASEMENT

EXISTING CVPS UTILITY EASEMENT

GEORGE E. HADWEN, TRUSTEE
GEORGE E. HADWEN TRUST

NB 8+600.25
73.17 m (240.06') RT

15.44 m (50.66')

29.66 m (97.31')

NB 8+613.57
76.61 m (251.34') RT

MT. ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

NB 8+431.4 RT
(FOR REFERENCE)

UE (P)

TEMPORARY HAUL ROAD

CONST (T)

INSTALL (T)

TH 85 (CLASS 4)

CURVE NB7	
Δ	= 90° 45' 02.2"
R.	= 575.000m
T.	= 582.583m
L.	= 910.741m
E.	= 243.552m
BANK	= 0.078
PI STA.	NB8+360.674
	N = 44859.7020
	E = 444732.6710
PC	N = 44277.1693
	E = 444725.0391
PT	N = 44859.7019
	E = 444150.0883

CURVE SB7	
Δ	= 90° 45' 0.1"
R.	= 547.500m
T.	= 554.714m
L.	= 867.178m
E.	= 231.900m
BANK	= N/A
PI STA.	SB8+320.410
	N = 44832.2019
	E = 444704.8017
PC	N = 44277.5357
	E = 444697.5410
PT	N = 44832.2019
	E = 444150.0879

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-13

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

VTrans Metric

VT. STATE PLANE GRID
N

N/F SIRIUS CYBERNETICS REALTY, INC.

BENNINGTON COUNTY
INDUSTRIAL CORPORATION
58

INSTALL (T)

SR. EASE. (T)
ACQUIRED UNDER PROJECT DPI 0146 (1)

SR (T)
ACQUIRED UNDER PROJECT DPI 0146 (1)

STATE OF VERMONT
FORMERLY
BENNINGTON COUNTY
INDUSTRIAL CORPORATION
102A

STATE OF VERMONT
BB

VT 279 SB
N 90° 00' 00.0" W
SB 8+800
SB 8+900
SB 9+000
CZ
CROSSOVER
CURVE X02
XO 1+500
NB 9+100
VT 279 NB
NB 9+000
NB 8+900
NB 8+800

MATCH LINE STA. NB 9+130, ROW-15

MATCH LINE STA. NB 8+780, ROW-13

POT STA. NB 8+958.000 LT. =
PT STA. XO 1+578.825

101
STATE OF VERMONT
FORMERLY
MT. ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

NB 8+838.00
45.00 m (147.64') RT

NB 8+915.00
72.00 m (236.22') RT

NB 8+980.00
86.00 m (282.15') RT

NB 9+060.00
86.00 m (282.15') RT

NB 9+120.00
75.00 m (246.06') RT

MT. ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

MT. ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

PARCEL "BB" PURCHASED
UNDER PROJECT F 019-1 (6)
PARCELS "101" AND "102" PURCHASED
UNDER PROJECT DPI 0146 (1)

CURVE X02
Δ = 4° 12' 34.4" RT.
R. = 2500.000m
T. = 91.880m
L. = 183.677m
E. = 1.688m
BANK = 0.021
PI STA. XO1+487.027
N = 44859.7018
E = 443789.0399
PC N = 44852.9574
E = 443697.4078
PT N = 44859.7018
E = 443880.9198

LINES 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.

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DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-14

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 1-30-06
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 85 OF 112

CONSTRUCT DRIVE
STA. ER 1+106.5, RT. (3.6 m GRAVEL)
STA. ER 1+271.0, RT. (2.2 m CONC.)

THE PATRICIA HOOD REVOCABLE TRUST, PATRICIA HOOD & ALAN HOOD CO-TRUSTEES

N/F SIRIUS CYBERNETICS REALTY, INC.

TOWN OF BENNINGTON

MATCH LINE STA. ER 1+080, ROW-33

ER 1+100.76
8.30 m (27.23') RT

ER 1+125.63
8.30 m (27.23') RT

NB 9+217.29
72.50 m (237.86') LT

SR. EASE. (T)
ACQUIRED UNDER PROJECT DPI 0146 (1)

REMOVE EXIST. DRIVEWAY MATERIAL, REGRADE, PLACE 10 cm TOPSOIL & SEED

SR (T)
ACQUIRED UNDER PROJECT DPI 0146 (1)

NB 9+282.89
51.50 m (168.98') LT
END LIMITED ACCESS

NB 9+211.27
57.48 m (188.58') LT

INACTIVE
DISCONNECT & RECONNECT (T)

DRIVE (T)

REMOVE (T)

INSTALL & MAINTAIN (P)

INSTALL (T)

POC STA. SB 9+227.629=
POC STA. ER 1+167.952

POC STA. XO 1+255.049=
POC STA. ER 1+179.436

ER 1+144.86
11.18 m (36.68') RT
5.49 m (18.01')

PT STA. XO 1+319.102 = PC STA. SB 9+164.380

POT STA. CD 2+442.348 = CZ
POC STA. XO 1+209.770, 7.200 m RT.

PT STA. CD 2+316.074 = CZ

PC STA. CD 2+263.153 = CZ

MATCH LINE STA. CD 2+260, ROW-16

MATCH LINE STA. NB 9+130, ROW-14

MATCH LINE STA. NB 9+500, ROW-16

MATCH LINE STA. SB 9+440, ROW-16

CURVE ERI
Δ = 16°42'48.2" LT.
R. = 800.000m
T. = 117.516m
L. = 233.363m
E. = 8.585m
BANK = 0.000
PI STA. ER 1+121.710
N = 44784.9998
E = 443552.3856
PC N = 44677.5126
E = 443504.8830
PT N = 44901.6072
E = 443566.9699

CURVE NB8
Δ = 7°15'00.0" RT.
R. = 2380.000m
T. = 150.780m
L. = 301.157m
E. = 4.771m
BANK = 0.021
PI STA. NB9+411.766
N = 44859.7018
E = 443427.1540
PC N = 44859.7018
E = 443577.9337
PT N = 44878.7300
E = 443277.5798

CURVE XO2
Δ = 4°12'34.4" RT.
R. = 2500.000m
T. = 91.880m
L. = 183.677m
E. = 1.688m
BANK = 0.021
PI STA. XO1+487.027
N = 44859.7018
E = 443789.0399
PC N = 44852.9574
E = 443697.4078
PT N = 44859.7018
E = 443880.9198

NB 9+316.16, 86.99 m (285.39') LT =
ER 1+100.76, 18.55 m, (60.86') LT
BEGIN LIMITED ACCESS

STA. ER 1+100.76 CL =
STA. NB 9+298.96
92.04 m (301.97') LT
END RELINQUISHMENT ZONE 2
BEGIN MAINTENANCE AGREEMENT ZONE 6

INSTALL (T)

INSTALL (T)

DIT. & DR (P)

CURVE ERI

CURVE NB8

CURVE XO1

CURVE CD3

COLLECTOR DISTRIBUTOR

CD 2+300

CD 2+400

SB 9+100

SB 9+200

SB 9+300

SB 9+400

XO 1+100

XO 1+200

XO 1+300

NB 9+200

NB 9+300

NB 9+400

N 85°47'25.5" E

N 90°00'00.0" W

VT 279 NB

VT 279 SB

CROSS OVER

STATE OF VERMONT

PC STA NB 9+260.987

NB 9+290.63
24.57 m (80.61') RT
END LIMITED ACCESS

POC STA. NB 9+278.312=
POC STA. ER 1+168.229

NB 9+423.619
℄ TURNAROUND

NB 9+498.37
50.60 m (166.02') RT

CMF

N/F SCHUELER

STATE OF VERMONT
FORMERLY
MOUNT ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

NB 9+140.37
39.95 m (131.07') RT

NB 9+263.32
49.91 m (163.76') RT
BEGIN LIMITED ACCESS

WILKINSON, ROY & CAROLYN

NB 9+139.04
69.92 m (229.41') RT

DISCONNECT & RECONNECT (T)

1½ SWF House

Mixed Woods

Hardwoods

Mixed Hardwoods

Med. Oak

Wood Oak

Shrub

Well

Guy

Chain link Fence

Approx. Location

Gravel Drive

Paved Drive

STATE OF VERMONT
FORMERLY
LYONS, BETTY M.
EXECUTRIX OF THE
ESTATE OF HENRY B. LYONS

STA. ER 1+246.58 CL =
STA. NB 9+271.05
50.84 m (166.80') RT
END MAINTENANCE AGREEMENT ZONE 6
LENGTH = 145.82 m (478.41')
BEGIN RELINQUISHMENT ZONE 3

POT STA. ER 1+310.000
END CONSTRUCTION
BEGIN APPROACH

STA. ER 1+314.25 CL
END RELINQUISHMENT ZONE 3

POT STA. ER 1+345.000
END APPROACH

SEE MATCH LINE THIS SHEET

SEE MATCH LINE THIS SHEET

MOUNT ANTHONY UNION HIGH SCHOOL DISTRICT NO. 14

INSTALL & MAINTAIN (P)

UE (P)

PARCELS "AA", "BB" & "CC" PURCHASED UNDER PROJECT F 019-1(6)
PARCELS "101", "102", "103", "104", & "105" PURCHASED UNDER PROJECT D.P.I. 0146 (1)

CURVE CD3
Δ = 12°01'40.6" LT.
R. = 395.000m
T. = 41.614m
L. = 82.921m
E. = 2.186m
BANK = 0.000
PI STA. CD2+304.767
N = 44824.4065
E = 443375.0412
PC N = 44829.6580
E = 443333.7603
PT N = 44827.8727
E = 443416.5101

CURVE XO1
Δ = 11°27'34.4" RT.
R. = 1595.000m
T. = 160.040m
L. = 317.012m
E. = 8.009m
BANK = 0.021
PI STA. XO1+160.040
N = 44835.6210
E = 443461.8693
PC N = 44855.8178
E = 443303.1092
PT N = 44847.3686
E = 443621.4772

101 102A 102B 103A 103B 104A 104B 105A 105B 61 62 66K 66L AA BB CC

0 10 20 30
SCALE 1:500
@ FULL SIZE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

R.O.W. PLAN
ROW-15

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 1-17-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 86 OF 112

CURVE NB8	
Δ =	7°15'00.0" RT.
R. =	2380.000m
T. =	150.780m
L. =	301.157m
E. =	4.771m
BANK =	0.021
PI STA.	NB9+411.767
	N = 44859.7018
	E = 443427.1540
PC	N = 44859.7018
	E = 443577.9337
PT	N = 44878.7300
	E = 443277.5798

CURVE EI	
Δ =	47°02'33.6" RT.
R. =	340.000m
T. =	147.987m
L. =	276.157m
E. =	30.810m
BANK =	0.060
PI STA	EI+152.477
	N = 44931.1345
	E = 442951.2506
PC	N = 44912.4568
	E = 443098.0539
PT	N = 45051.3022
	E = 442864.8804

CURVE NI	
Δ =	93°41'00.4" RT.
R. =	318.482m
T. =	339.644m
L. =	520.745m
E. =	147.124m
BANK =	0.060
PI STA.	NI+339.644
	N = 44878.5329
	E = 442883.0050
PC	N = 44539.5464
	E = 442861.8761
PT	N = 44835.6697
	E = 443219.9338

CURVE XOI	
Δ =	4°12'34.4" RT.
R. =	2500.000m
T. =	91.880m
L. =	183.677m
E. =	1.688m
BANK =	0.000
PI STA	XO I+487.027
	N = 44859.7018
	E = 443789.0399
PC	N = 44852.9574
	E = 443697.4078
PT	N = 44859.7018
	E = 443880.9198

VAOT Metric

TOWN OF BENNINGTON

66K

VT. STATE PLANE GRID

N

MATCH LINE STA. N I+300, ROW-17

MATCH LINE STA. CD 2+260, ROW-15

MATCH LINE STA. SB 9+440, ROW-15

MATCH LINE STA. NB 9+500, ROW-15

MATCH LINE STA. CD I+940, ROW-17

MATCH LINE STA. SB 9+780, ROW-17

MATCH LINE STA. NB 9+840, ROW-17

MATCH LINE STA. E I+00, ROW-23

POT STA. SB 9+481.154, 3.600 m RT. =
PC STA. XO I+000.000

POT STA. CD 2+149.478, 8.400 m RT. =
PT STA. N I+520.745

PC STA. DIF I+000.000

CONST (T)

CURVE NI

RAMP N

ROUTE 7 CONNECTOR DETOUR

COLLECTOR DISTRIBUTOR

CURVE NB8

CURVE EI

RAMP E

VT 279 SB

VT 279 NB

STATE OF VERMONT

N/F SCHUELER

750 mm (30" RCP)

POT NB 9+740.000, 10.800 m RT. =
POT E I+000.000

PT STA. NB 9+562.

PC STA. E I+004.491

N 82°45'00" W

N 82°44'59.9" W

CD 2+200

CD 2+100

CD 2+000

N I+500

N I+400

XO I+000

SB 9+500

SB 9+600

SB 9+700

NB 9+600

NB 9+700

NB 9+800

E I+000

+500

CZ

PDF

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-16

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 87 OF 112

VAOT Metric

INSTALL (T)

TOWN OF BENNINGTON

66K

CONST (T)

VT. STATE PLANE GRID

N

MATCH LINE STA. N 1+220, ROW-22

MATCH LINE STA. CN 1+600, ROW-22

MATCH LINE STA. K 1+300, ROW-22

BENNINGTON SCHOOL DISTRICT INC.

65

RAMP N

CURVE NI

RAMP M

CURVE MI

RAMP L

CURVE LI

RAMP K

CURVE K2

MATCH LINE STA. N 1+300, ROW-16

MATCH LINE STA. K 1+200, ROW-18

STATE OF VERMONT

N 3°34'00" E

M 1+200

M 1+100

M 1+000

M 1+255

L 1+100

L 1+000

L 1+200

L 1+263

PT STA. M 1+255.473 =
POS STA. CN 1+664.989, 9.900 m RT.

TS
STA 1+651.643

PC STA. L 1+000.000 =
POS STA. CN 1+674.013, 9.900 m LT.

STA. CN 1+712.294
STOP ROADWAY
BEGIN BRIDGE

NB ROUTE 7 CONNECTOR

CN 1+700

PC STA. M 1+000.000 =
POT STA. CD 1+868.398
7.200 m RT.

PT STA. L 1+263.082 =
POT STA. CD 1+738.202
7.200 m RT.

SC
STA 1+712.643

POC STA. CN 1+731.994=
POT STA. CD 1+796.330

MATCH LINE STA. CD 1+940, ROW-16

MATCH LINE STA. CD 1+660, ROW-18

CD 1+900

S 82°45'00.2" E

CD 1+800

CD 1+700

COLLECTOR DISTRIBUTOR

POT STA. SB 9+917.854 =
POC STA. CN 1+750.823

MATCH LINE STA. SB 9+780, ROW-16

MATCH LINE STA. SB 10+060, ROW-18

N 82°44'59.9" W

VT 279 SB

SB 9+800

SB 9+900

SB 10+000

POT STA. NB 9+976.215 =
POC STA. CN 1+774.598

MATCH LINE STA. NB 9+840, ROW-16

MATCH LINE STA. NB 10+120, ROW-18

NB 9+900

N 82°45'00.0" W

NB 10+000

NB 10+100

VT 279 NB

CURVE CN1

SB ROUTE 7 CONNECTOR

CN 1+800

RAMP F

CURVE FI

F 1+000

MATCH LINE STA. F 1+040, ROW-23

STA. CN 1+801.843
END BRIDGE
RESUME ROADWAY

MATCH LINE STA. CN 1+810, ROW-23

CURVE CNI
Δ = 91°05'41.6"
R. = 465.700m
T. = 474.685
L. = 740.419m
E. = 199.283
BANK = 0.069
Ls = 61.000m
θ = 03°45'08.9"
Ts = 572.307m
Lt = 40.676m
St = 20.342m
PI STA. CN2+187.328
N = 45343.9089
E = 442869.5951
TS N = 44808.2875
E = 442868.6700
SC N = 44869.2261
E = 442871.1345
CS N = 45333.2994
E = 442395.0283
ST N = 45329.2762
E = 442334.1728

CURVE FI
Δ = 242°12'47.6" RT.
R. = 55.000m
T. = N/A
L. = 232.508m
E. = N/A
BANK = 0.060
PC N = 44961.0456
E = 442541.0127
PT N = 45035.4530
E = 442828.9462

CURVE KI
Δ = 79°07'24.3" RT.
R. = 400.000m
T. = 330.459
L. = 552.386m
E. = 118.848
BANK = 0.060
PI STA. NI+330.459
N = 44845.4016
E = 442861.0274
PC N = 44927.8249
E = 442541.0127
PT N = 44515.5828
E = 442840.4696

CURVE LI
Δ = 274°03'49.1" LT.
R. = 55.000m
T. = N/A
L. = 263.082m
E. = N/A
BANK = 0.060
PC N = 44831.1487
E = 442860.0699
PT N = 44888.7677
E = 442812.0978

CURVE MI
Δ = 266°08'11.5" RT.
R. = 55.000m
T. = N/A
L. = 255.473m
E. = N/A
BANK = 0.060
PC N = 44872.3329
E = 442941.2524
PT N = 44821.0215
E = 442879.4076

CURVE NI
Δ = 93°41'00.4" RT.
R. = 318.482m
T. = 339.644m
L. = 520.745m
E. = 147.124m
BANK = 0.060
PI STA. NI+339.644
N = 44878.5329
E = 442883.0050
PC N = 44539.5464
E = 442861.8761
PT N = 44835.6697
E = 443219.9338

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-17

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 88 OF 112

VAOT Metric

D&D JOLIVETTE ELECTRIC SUPPLY INC.

RIGHTS FOR PROPOSED SEWER TO BE ACQUIRED BY OTHERS

LEMAIRE, LAURENCE P. JR. & LINDA L. ZENO

LEMAIRE, LAURENCE P. JR. & LINDA L. ZENO

VT. STATE PLANE GRID N

BENNINGTON SCHOOL DISTRICT INC.

STATE OF VERMONT

PC STA. K 1+000.000 =
POC STA. CD 1+465.069, 7.200 m RT.

STATE OF VERMONT

ORCHARD ROAD

MATCH LINE STA. K 1+200, ROW-17

MATCH LINE SHEET RU-19A

CURVE K1

RAMP K

K 1+100

K 1+000

CD 1+400

CURVE CD2

CD 1+500

PT
STA. CD 1+536.565

SC CZ
STA. SB 10+204.896

CURVE SB9

SB 10+300

CD 1+600

SB 10+200

VT 279 SB

TS CZ
STA. SB 10+143.483

N 82° 44' 59.9" W

SB 10+100

NB 10+300

CURVE NB9

NB 10+400

MATCH LINE STA. SB 10+400, ROW-19

MATCH LINE STA. SB 10+060, ROW-17

MATCH LINE STA. NB 10+440, ROW-19

NB 10+200

SCA NB 10+257.012

N 82° 45' 00.0" W

VT 279 NB

MATCH LINE STA. NB 10+120, ROW-17

STA NB 10+198.612

MATCH LINE ROW-23

MATCH LINE ROW-24

CURVE SB9

FUTURE WELCOME CENTER SITE

MATCH LINE ROW-24

CURVE NB9
Δ = 76° 32' 26.4"
R. = 527.595m
T. = 416.226m
L. = 704.807m
E. = 144.417m
BANK = 0.079
Ls = 60.400m
Os = 3° 16' 46.8"
Ts = 498.050m
Lt = 40.274m
St = 20.140m
PI STA. NB10+673.238
N = 45043.6252
E = 442179.2121
TS N = 44958.7993
E = 44958.7993
SC N = 44967.5622
E = 442588.4319
CS N = 45459.3070
E = 442157.9418
ST N = 45519.6931
E = 442157.1585

CURVE K1
Δ = 79° 07' 24.3" RT.
R. = 400.000m
T. = 330.459
L. = 552.386m
E. = 118.848
BANK = 0.060
PI STA. N1+330.459
N = 44845.4016
E = 442861.0274
PC N = 44927.8249
E = 442541.0127
PT N = 44515.5828
E = 442840.4696

CURVE CD2
Δ = 38° 11' 00.4"
R. = 569.473m
T. = 197.106m
L. = 379.512m
E. = 33.146m
BANK = 0.057
PI STA. CD1+354.159
N = 44946.2264
E = 442417.4518
PCC N = 45086.6515
E = 442279.1353
PT N = 44921.3520
E = 442612.9817

CURVE SB9
Δ = 76° 40' 45.2"
R. = 550.702m
T. = 435.537m
L. = 737.007m
E. = 151.413m
BANK = 0.079
Ls = 61.713m
Os = 3° 12' 37.3"
Ts = 519.185m
Lt = 41.149m
St = 20.577m
PI STA. SB10+640.432
N = 45023.7967
E = 442156.5660
TS N = 44935.7938
E = 442645.9195
SC N = 44944.7226
E = 4425844.8645
CS N = 45458.7909
E = 442134.8315
ST N = 45520.4904
E = 442134.0560

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-18

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 89 OF 112

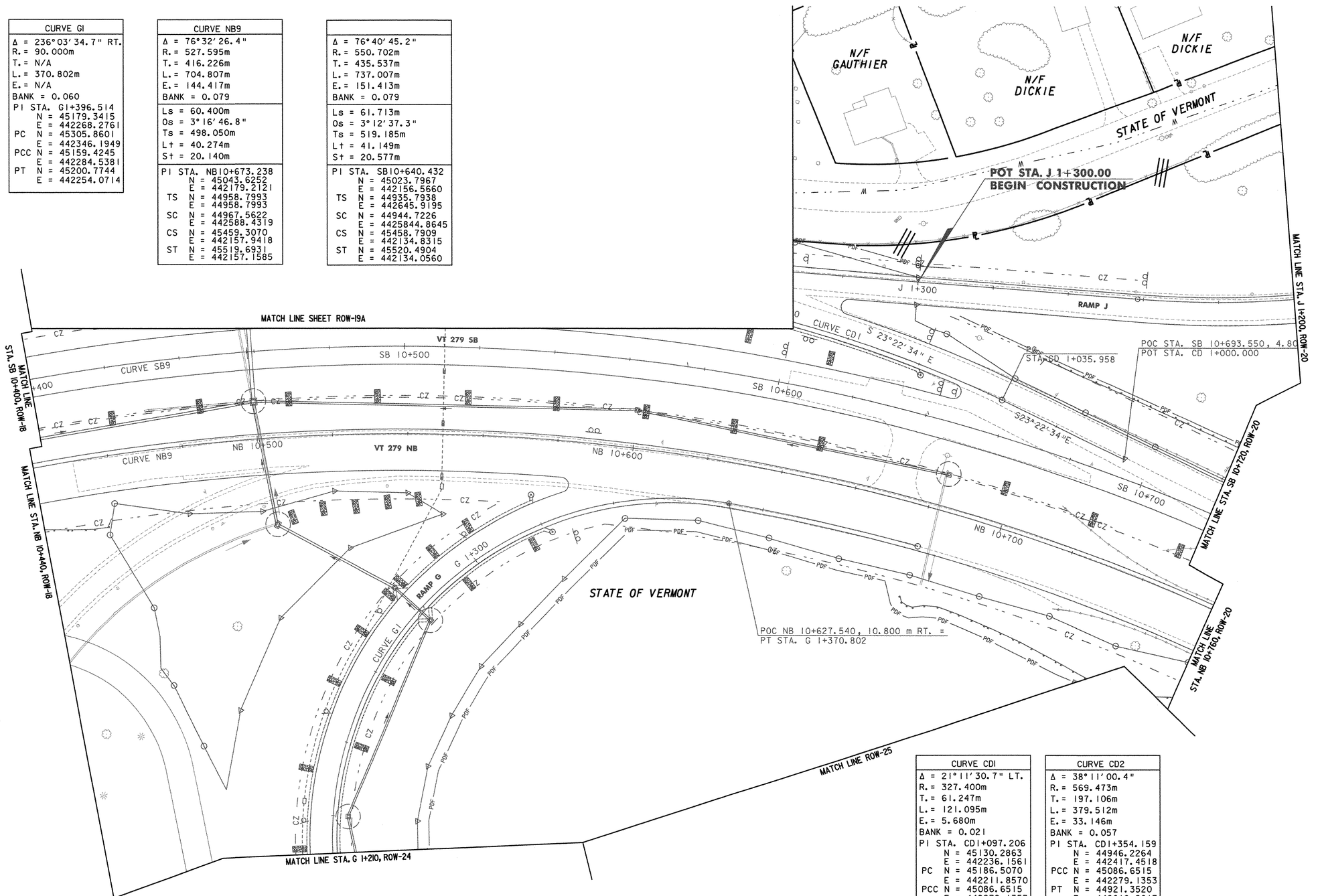
VAOT Metric

CURVE G1
Δ = 236°03'34.7" RT.
R. = 90.000m
T. = N/A
L. = 370.802m
E. = N/A
BANK = 0.060
PI STA. G1+396.514
N = 45179.3415
E = 442268.2761
PC N = 45305.8601
E = 442346.1949
PCC N = 45159.4245
E = 442284.5381
PT N = 45200.7744
E = 442254.0714

CURVE NB9
Δ = 76°32'26.4"
R. = 527.595m
T. = 416.226m
L. = 704.807m
E. = 144.417m
BANK = 0.079
Ls = 60.400m
Os = 3°16'46.8"
Ts = 498.050m
Lt = 40.274m
St = 20.140m
PI STA. NB10+673.238
N = 45043.6252
E = 442179.2121
TS N = 44958.7993
E = 44958.7993
SC N = 44967.5622
E = 442588.4319
CS N = 45459.3070
E = 442157.9418
ST N = 45519.6931
E = 442157.1585

Δ = 76°40'45.2"
R. = 550.702m
T. = 435.537m
L. = 737.007m
E. = 151.413m
BANK = 0.079
Ls = 61.713m
Os = 3°12'37.3"
Ts = 519.185m
Lt = 41.149m
St = 20.577m
PI STA. SB10+640.432
N = 45023.7967
E = 442156.5660
TS N = 44935.7938
E = 442645.9195
SC N = 44944.7226
E = 4425844.8645
CS N = 45458.7909
E = 442134.8315
ST N = 45520.4904
E = 442134.0560

VT. STATE PLANE GRID N



CURVE CD1
Δ = 21°11'30.7" LT.
R. = 327.400m
T. = 61.247m
L. = 121.095m
E. = 5.680m
BANK = 0.021
PI STA. CD1+097.206
N = 45130.2863
E = 442236.1561
PC N = 45186.5070
E = 442211.8570
PCC N = 45086.6515
E = 442279.1353

CURVE CD2
Δ = 38°11'00.4"
R. = 569.473m
T. = 197.106m
L. = 379.512m
E. = 33.146m
BANK = 0.057
PI STA. CD1+354.159
N = 44946.2264
E = 442417.4518
PCC N = 45086.6515
E = 442279.1353
PT N = 44921.3520
E = 442612.9817

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30

SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-19

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-06-05

DRAWN BY: MBB

CHECKED BY: GAK

SHEET: 90 OF 112

VAOT Metric

REMOVING AND RESETTING FENCE
STA DRN 20+055 - DRN 20+220 RT

GATE FOR CHAIN-LINK FENCE, 1.8 m (6 FEET)
STA DRN 20+117.6 - DRN 20+120.0 RT
STA DRN 20+120.0 - DRN 20+122.4 RT
STA DRN 20+177.6 - DRN 20+180.0 RT
STA DRN 20+180.0 - DRN 20+182.4 RT

VT. STATE PLANE GRID N

BENNINGTON HOUSING AUTHORITY

DIT & DR (P)
CONST (T)
CUL (P)
CONST (T)
ACCESS (P)
ACCESS (P)
Proposed Garage Site
INSTALL (T)
REMOVE (T)
REMOVE & RESET (T)
LANDSCAPE (T)
ACCESS (P)
LANDSCAPE (T)
CONST (T)
CONST (T)
ACCESS (P)
CUL (P)
3.05 m
63
64
Paved Drive
ACCESS (P)

END R.O.W. PROJECT
STA. NB 10+558.86
105.45 m (345.96') LT

APPLEGATE HOUSING LIMITED PARTNERSHIP

LEMAIRE, LAURENCE P. JR. & LINDA L. ZENO
#544

N/F DICKIE

Med.Poplar
Med.Maple(3)
Med.Poplar
Sm.Ash
Med.Poplar
Med.Maple
Lg.Willow(2)
Med.Poplar
Med.Cherry
Med.Cherry
Shed

STATE OF VERMONT
ORCHARD ROAD
POC STA. CD 1+245.906 =
POT STA. DRN 20+007.553
PCC STA CD 1+157.053
COLLECTOR DISTRIBUTOR
CD 1+200
CD 1+300
CURVE CD2
DRN 20+000
CD 1+10

MATCH LINE SHEET ROW-18
MATCH LINE SHEET ROW-19

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-19A

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 1-30-06
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 91 OF 112

VAOT Metric

VT. STATE PLANE GRID

N/F CATAMOUNT BROADCASTERS

N/F VAN NOSTRAND

N/F DICKIE

N/F SHULTZ

STATE OF VERMONT

STATE OF VERMONT

MATCH LINE STA. J 1+100, ROW-26

MATCH LINE STA. R 1+120, ROW-26

MATCH LINE STA. CN 2+800, ROW-26

MATCH LINE STA. 10+380, ROW-26

MATCH LINE STA. 10+060, ROW-21

MATCH LINE STA. SB 11+060, ROW-21

MATCH LINE STA. J 1+200, ROW-19

MATCH LINE STA. SB 10+720, ROW-19

MATCH LINE STA. NB 10+760, ROW-19

MATCH LINE STA. CN 2+630, ROW-25

MATCH LINE STA. R 1+300, ROW-25

MATCH LINE STA. H 1+210, ROW-25

MATCH LINE ROW-25

EXISTING RAMP J

EXISTING RAMP I

EXISTING VT 279 SB

VT 279 NB

RAMP R

CONNECTOR

CN 2+700

CURVE HI RAMP H

CURVE SB9

CURVE NB9

N84°58'01"E

N84°58'01"E

N0°21'00.0"E

N0°21'00.0"E

I 0+300

I 0+200

H 1+300

R 1+000

SB 10+900

SB 10+800

NB 10+900

NB 10+800

SB 11+000

NB 11+000

CS STA SB 10+941.900

ST STA SB 11+003.616

CS STA. NB 10+961.82

ST STA. NB 11+022.22

POC STA. NB 10+776
END PROJECT
NH F019-1(5)

POC STA. SB 10+758
END CONSTRUCTION

POT STA. R 1+280.000
BEGIN CONSTRUCTION

POC STA. NB 10+836
BEGIN APPROACH

POT STA. CN 2+660.000
END CONSTRUCTION

POT NB 11+046.103,
TO 800m RT.
PT. STA H 1+326.441

CZ

PDF

CURVE HI
Δ = 93°31'06.3" RT.
R. = 200.000m
T. = 212.675m
L. = 326.441m
E. = 91.943m
BANK = 0.060
PI STA. HI+212.675
N = 45330.8404
E = 442166.8007
PC N = 45342.5925
E = 442379.1505
PT N = 45543.5112
E = 442168.1025

CURVE NB9
Δ = 76°32'26.4"
R. = 527.595m
T. = 416.226m
L. = 704.807m
E. = 144.417m
BANK = 0.079
Ls = 60.400m
Os = 3°16'46.8"
Ts = 498.050m
Lt = 40.274m
St = 20.140m
PI STA. NB10+673.238
N = 45043.6252
E = 442179.2121
TS N = 44958.7993
E = 44958.7993
SC N = 44967.5622
E = 442588.4319
CS N = 45459.3070
E = 442157.9418
ST N = 45519.6931
E = 442157.1585

CURVE SB9
Δ = 76°40'45.2"
R. = 550.702m
T. = 435.537m
L. = 737.007m
E. = 151.413m
BANK = 0.079
Ls = 61.713m
Os = 3°12'37.3"
Ts = 519.185m
Lt = 41.149m
St = 20.577m
PI STA. SB10+640.432
N = 45023.7967
E = 442156.5660
TS N = 44935.7938
E = 442645.9195
SC N = 44944.7226
E = 4425844.8645
CS N = 45458.7909
E = 442134.8315
ST N = 45520.4904
E = 442134.0560

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-20

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK

VTrans Metric

VT. STATE PLANE GRID

N/F
VAN NOSTRAND

N/F
HALL

N/F
BOHNE

MATCH LINE STA. 10+160, ROW-20

EXISTING RAMP I

I 0+100

I 0+000

MATCH LINE
STA. SB 11+040, ROW-20

SB 11+100

SB 11+200

N 0°21'00" E

EXISTING VT 279 SB

SB 11+300

SB 11+400

CZ

STATE OF VERMONT

NB 11+100

EXISTING VT 279 NB

NB 11+200

N0°21'00.0"E

NB 11+300

NB 11+400

MATCH LINE STA. NB 11+060, ROW-20

PDF

POT STA. NB 11+150
END APPROACH

N/F
VAN NOSTRAND

N/F
BOHNE

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-21

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 93 OF 112

VAOT Metric

VT. STATE PLANE GRID N

BENNINGTON SCHOOL DISTRICT INC.

65

MATCH LINE STA. K 1+300, ROW-17

MATCH LINE SHEET ROW-22A

SWALE

PT STA. K 1+552.386 =
POT STA. CN 1+357.751, 9.900 m LT.

K 1+400 CURVE K1

RAMP K

K 1+500

STATE OF VERMONT

SB ROUTE 7 CONNECTOR

NB ROUTE 7 CONNECTOR

N 3°34'00" E

CN 1+500

CN 1+400

CN 1+500

MATCH LINE STA. CN 1+600, ROW-17

N 1+000

PC STA. N 1+000.00 =
POT STA. CN 1+383.000,
9.900 m RT.

N 1+100

RAMP N

CURVE N1

N 1+200

TOWN OF BENNINGTON

66K

CONST (T)

INSTALL (T)

MATCH LINE STA. N 1+220, ROW-17

CURVE N1
Δ = 93°41'00.4" RT.
R. = 318.482m
T. = 339.644m
L. = 520.745m
E. = 147.124m
BANK = 0.060
PI STA. N1+339.644
N = 44878.5329
E = 442883.0050
PC N = 44539.5464
E = 442861.8761
PT N = 44835.6697
E = 443219.9338

CURVE K1
Δ = 79°07'24.3" RT.
R. = 400.000m
T. = 330.459
L. = 552.386m
E. = 118.848
BANK = 0.060
PI STA. N1+330.459
N = 44845.4016
E = 442861.0274
PC N = 44927.8249
E = 442541.0127
PT N = 44515.5828
E = 442840.4696

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30

SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-22

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07

DRAWN BY: MBB

CHECKED BY: GAK

SHEET: 94 OF 112

VT. STATE PLANE GRID

N

N/F FURNACE BROOK INVESTMENTS, LLC

BENNINGTON SCHOOL DISTRICT INC.

65

FURNACE BROOK

SWALE

TO DOWNTOWN BENNINGTON

U.S. ROUTE 7
TO SYSTEMS INTERCHANGE

CN 1+000

CN 1+100

CN 1+200

MATCH LINE SHEET ROW-22

N/F GRACE CHRISTIAN SCHOOL CORP.

TOWN OF BENNINGTON

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

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0 10 20 30

SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-22A

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 94A OF 112

CURVE FI
Δ = 242°12'47.6" RT.
R. = 55.000m
T. = N/A
L. = 232.508m
E. = N/A
BANK = 0.060
PI STA. N/A
N = N/A
E = N/A
PC N = 44953.7077
E = 442773.7869
PT N = 45027.5621
E = 442832.2329

CURVE CNI
Δ = 91°05'41.6"
R. = 465.700m
T. = 474.685
L. = 740.419m
E. = 199.283
BANK = 0.069
Ls = 61.000m
Θ = 03°45'08.9"
Ts = 572.307m
Lt = 40.676m
St = 20.342m
PI STA. CN2+187.328
N = 45343.9089
E = 442869.5951
TS N = 44808.2875
E = 442868.6700
SC N = 44869.2261
E = 442871.1345
CS N = 45333.2994
E = 442395.0283
ST N = 45329.2762
E = 442334.1728

VT. STATE PLANE GRID N

MATCH LINE ROW-18

MATCH LINE STA. F 1+040, ROW-17

CURVE FI

CURVE PI
R. = 45.200m
T. = 66.841m
L. = 88.249m
E. = 35.490m
BANK = 0.060

F 1+100

POT STA. NB Gore RT. 371+17.806 m Rt. =
POC STA. F 1+080.000

PT STA. F 1+232.508 =
POC STA. CN 1+878.019,
9.900 m LT.

MATCH LINE STA. CN 1+880, ROW-17

NB ROUTE 7 CONNECTOR

NB ROUTE 7 CONNECTOR

P 1+236

E 1+200

RAMP F

CN 1+900

CURVE CNI

CURVE EI

RAMP E

E 1+300

STATE OF VERMONT

N 35°42'23.7" W

CN 2+000

PT STA. E 1+283.641

POT STA. E 1+280.680 =
POC STA. CN 2+035.866,
13.514 m RT.

MATCH LINE STA. CN 2+040, ROW-24

MATCH LINE STA. E 1+00, ROW-16

N/F SCHUELER

STATE OF VERMONT

CZ PDF P/L

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-23

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 95 OF 112

CURVE SI	
Δ =	82°08′14.5" RT.
R. =	50.000m
T. =	43.570m
L. =	71.678m
E. =	16.320m
BANK =	0.060
PI STA.	SI+073.570
	N = 45209.2201
	E = 442713.9169
PC	N = 45184.4691
	E = 442678.0602
PT	N = 45177.0864
	E = 442743.3403

CURVE QI	
Δ =	116°50′48.7" LT.
R. =	50.000m
T. =	81.348m
L. =	101.968m
E. =	45.486m
BANK =	0.060
PI STA.	QI+081.348
	N = 45335.2497
	E = 442459.8160
PC	N = 45312.0287
	E = 442537.7797
PT	N = 45255.2024
	E = 442474.3069

CURVE CN2	
Δ =	91°06′59.6" LT.
R. =	468.400m
T. =	477.618m
L. =	744.889m
E. =	200.568m
BANK =	0.069
Ls =	61.177m
Os =	3°44′29.9"
Ts =	575.534m
Lt =	40.793m
St =	20.400m
PI STA.	CN 2+187.929
	N = 45346.7621
	E = 442872.3761
TS	N = 44808.0314
	E = 442871.3593
SC	N = 44848.7459
	E = 442873.8348
CS	N = 45335.9868
	E = 442394.8784
ST	N = 45335.5370
	E = 442374.4841

CURVE CN1	
Δ =	91°05′41.6"
R. =	465.700m
T. =	474.685
L. =	740.419m
E. =	199.283
BANK =	0.069
Ls =	61.000m
Θ =	03°45′08.9"
Ts =	572.307m
Lt =	40.676m
St =	20.342m
PI STA.	CN2+187.328
	N = 45343.9089
	E = 442869.5951
TS	N = 44808.2875
	E = 442868.6700
SC	N = 44869.2261
	E = 442871.1345
CS	N = 45333.2994
	E = 442395.0283
ST	N = 45329.2762
	E = 442334.1728

CURVE RI	
Δ =	84°46′06.2" RT.
R. =	70.000m
T. =	63.883m
L. =	103.564m
E. =	24.769m
BANK =	0.060
PI STA.	RI+528.649
	N = 45318.1042
	E = 442458.0418
PC	N = 45312.5036
	E = 442394.4044
PT	N = 45255.2425
	E = 442469.4216

MATCH LINE ROW-18

MATCH LINE ROW-19

MATCH LINE STA. G 1+210, ROW-19

MATCH LINE STA. G 1+100, ROW-25

MATCH LINE STA. R 1+520, ROW-25

MATCH LINE STA. CN 2+040, ROW-23

MATCH LINE STA. CN 2+380, ROW-25

POT STA. P 1+000.000
BEGIN CONSTRUCTION

POT STA. S 1+000.000
BEGIN CONSTRUCTION

POT STA. R 1+588.000
END CONSTRUCTION

POT STA. Q 1+121.000
END CONSTRUCTION

FUTURE WELCOME CENTER SITE

STATE OF VERMONT

N 55°22′59.6" E

PC STA 1+030.000

PT STA. S 1+101.678 = POC STA. CN 2+056.377, 7.200 m LT.

PC STA 1+014.013

S P 1+020

S 10°15′39.9" E

PT STA R 1+568.

PT STA Q 1+101.968

PC STA. Q 1+000.000 = POC STA. CN 2+307.521, 4.800 m LT.

S Q 1+100

R 1+580

S 01+100

N 56°28′53.2" W

P 1+100

CN 2+100

CN 2+200

CN 2+300

PT STA. P 1+102.262 = POC STA. CN 2+170.606, 4.800 m LT.

N P.O.C. STA. CN 2+100.000 BACK
P.O.C. STA. CN 2+100.000, 7.200 m RT. AHEAD

CURVE S1

RAMP S

CURVE P1

RAMP P

CURVE G1

CURVE R1

RAMP R

RAMP Q

CURVE QI

CURVE CN2

NB ROUTE 7 CONNECTOR

VT. STATE PLANE GRID N

LINES 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.

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DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN
ROW-24

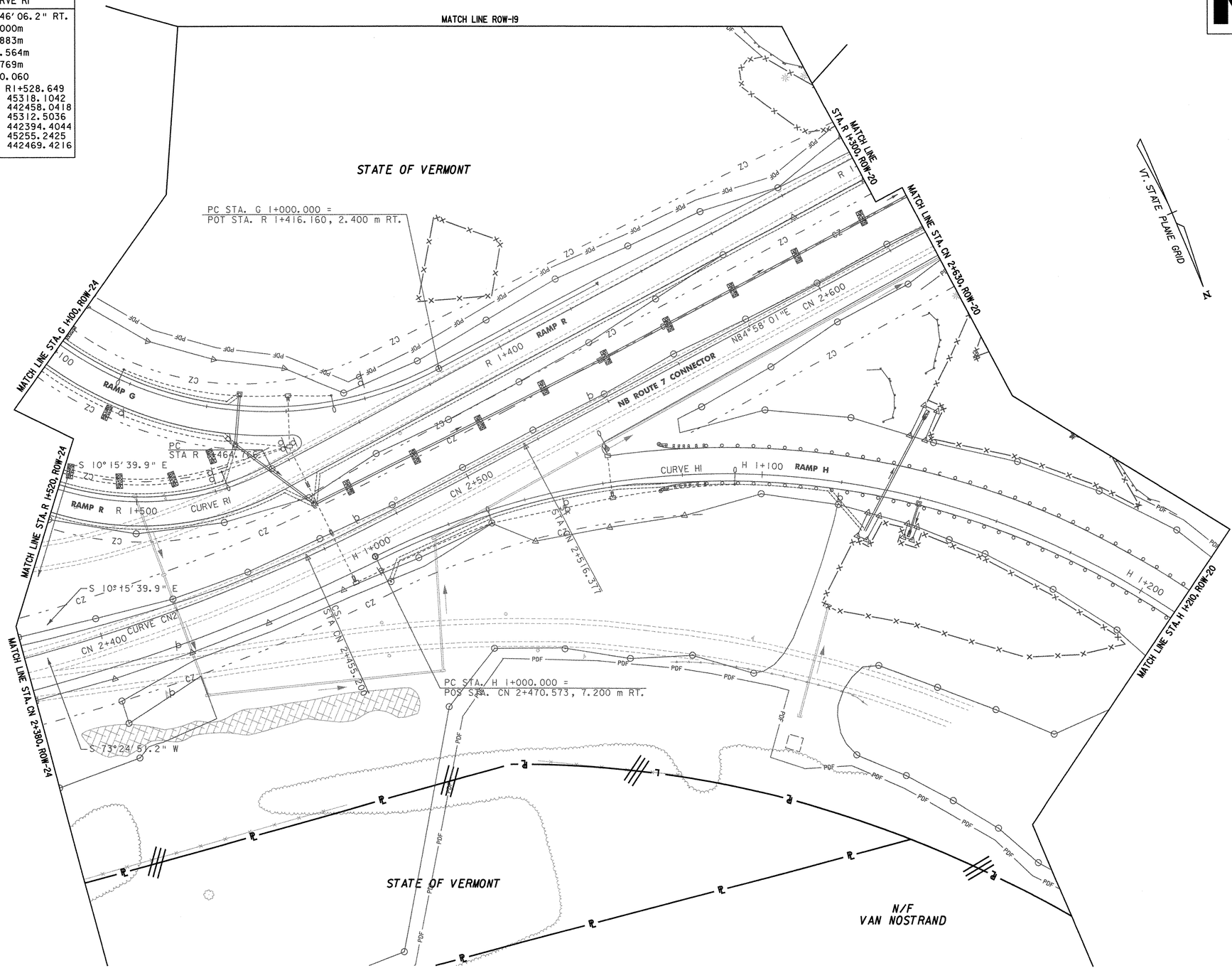
PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK

CURVE CN2
Δ = 91°06'59.6" LT.
R. = 468.400m
T. = 477.618m
L. = 744.889m
E. = 200.568m
BANK = 0.069
Ls = 61.177m
Os = 3°44'29.9"
Ts = 575.534m
Lt = 40.793m
St = 20.400m
PI STA. CN 2+187.929
N = 45346.7621
E = 442872.3761
TS N = 44808.0314
E = 442871.3593
SC N = 44848.7459
E = 442873.8348
CS N = 45335.9968
E = 442394.8794
ST N = 45335.5370
E = 442374.4841

CURVE RI
Δ = 84°46'06.2" RT.
R. = 70.000m
T. = 63.883m
L. = 103.564m
E. = 24.769m
BANK = 0.060
PI STA. RI+528.649
N = 45318.1042
E = 442458.0418
PC N = 45312.5036
E = 442394.4044
PT N = 45255.2425
E = 442469.4216

Δ = 236°03'34.7" RT.
R. = 90.000m
T. = N/A
L. = 370.802m
E. = N/A
BANK = 0.060
PI STA. GI+396.514
N = 45179.3415
E = 442268.2761
PC N = 45305.8601
E = 442346.1949
PCC N = 45159.4245
E = 442284.5381
PT N = 45200.7744
E = 442254.0714

CURVE HI
Δ = 93°31'06.3" RT.
R. = 200.000m
T. = 212.675m
L. = 326.441m
E. = 91.943m
BANK = 0.060
PI STA. H I+212.675
N = 45330.8404
E = 442166.8007
PC N = 45342.5925
E = 442379.1505
PT N = 45543.5112
E = 442168.1025



DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-25

PROJECT NAME: BENNINGTON BYPASS

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PROJECT NUMBER: NH F019-1(5)

PLOT DATE: 12-06-05

DRAWN BY: MBB

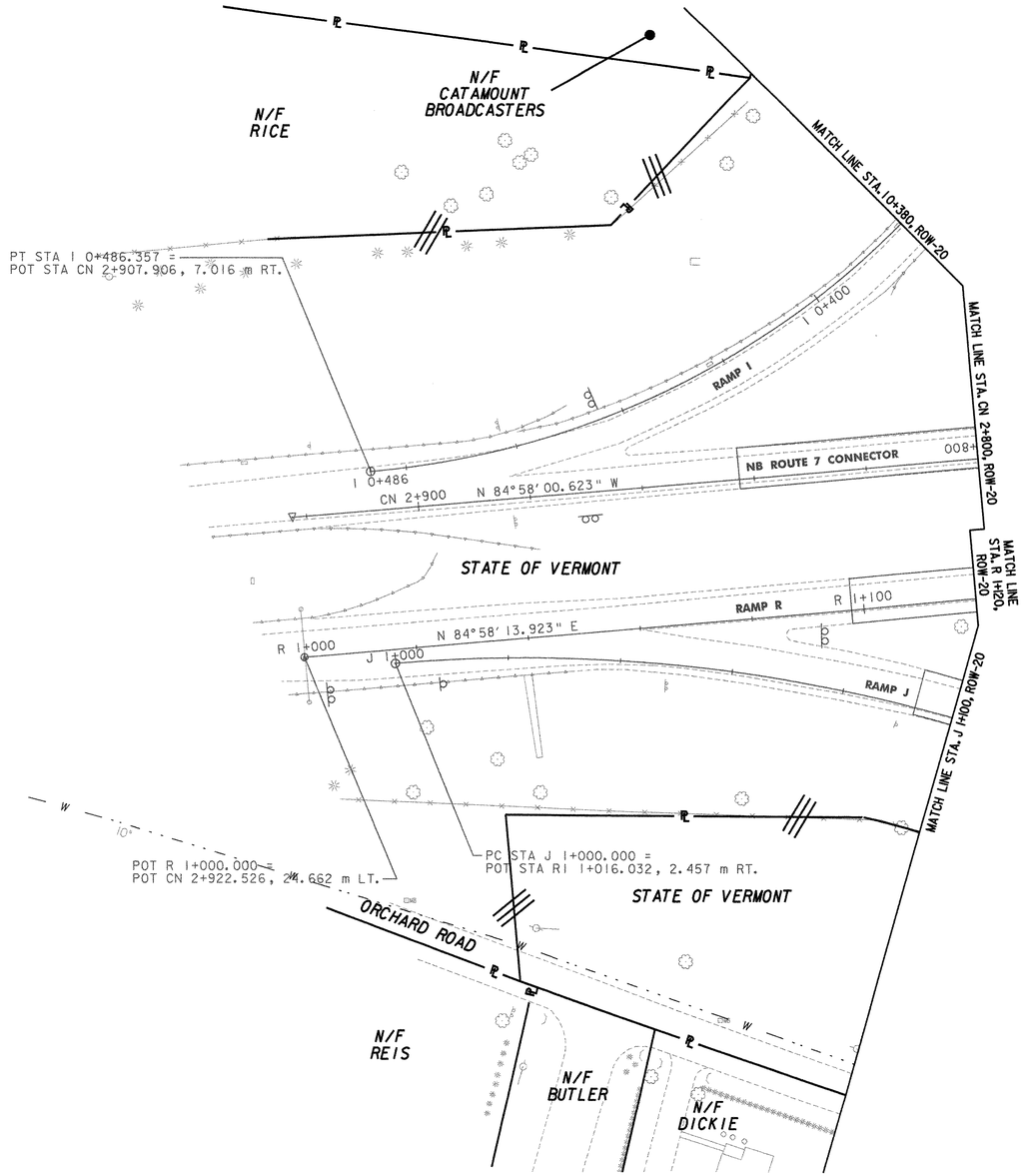
CHECKED BY: GAK

SHEET: 97 OF 112

VAOT Metric

N

VT. STATE PLANE GRID



DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

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0 10 20 30
SCALE 1:500
@ FULL SIZE

R.O.W. PLAN

ROW-26

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-06-05
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 98 OF 112

VTOT Metric

MATCH LINE ROW-6A

MATCH LINE ROW-6

CURVE VTI
Δ = 17°09'41.0" RT.
R. = 650.000m
T. = 98.079m
L. = 194.690m
E. = 7.358m
BANK= 0.000
PI STA. VTI+328.646
N = 42584.7678
E = 445107.0398
PC N = 42531.2076
E = 445024.8764
PT N = 42611.6999
E = 445201.3488

CURVE AI
Δ = 80°56'33.0" LT.
R. = 50.000m
T. = 42.661m
L. = 70.636m
E. = 15.726m
BANK= 0.000
PI STA. VTI+067.071
N = 42616.4811
E = 445185.2094
PC N = 42599.3298
E = 445146.1483
PT N = 42657.7551
E = 445174.4213

VT. STATE PLANE GRID N

TAYLOR, CHARLES D.

STRICSEK, BARBARA G., GEORGE, GERALD P. & HAWKINS, DEBRA G.

TAYLOR 50' R/O/W

THOMAYER R/O/W

N/F WOODWARD

BABCOCK, GEORGE A. & SHIRLEY E.

THOMAYER, HENRY & CYNTHIA (FORMERLY KNOWN AS CYNTHIA HAMILTON)

KIPP, BRENT & RACHEL F.

CENTRAL VERMONT PUBLIC SERVICE CORPORATION

CVPS Substation

VERMONT TRANSCO LLC

SLEEMAN, RICHARD A. ESTATE

STATE OF VT BK. 378/PG. 172 FORMERLY GUERARD, DEBORAH A. BABCOCK, SHIRLEY F.

HARRINGTON, TRACY L., BARTLETT, WILLIAM J., & HARRINGTON, REUBEN A. LIFE ESTATE

VT TRANSCO R/O/W

MAIN STREET TH #2

AERIAL EASEMENT

EXISTING UTILITY EASEMENT

POT STA. VT 1+200.000
BEGIN APPROACH
BEGIN MAINTENANCE AGREEMENT ZONE 1
STA. VT 1+200.00 CL

END MAINTENANCE AGREEMENT ZONE 1
STA. VT 1+260.00 CL
LENGTH = 60.00 m (196.85')

POC STA. VT 1+260.000
END APPROACH
BEGIN CONSTRUCTION

BEGIN LIMITED ACCESS
VT 1+360.00, 8.06 m (26.44') LT =
NB 6+013.05, 84.93 m (278.64') LT

POC STA. VT 1+263.859 =
POT STA. DRN 60+000.000

POT STA. A 1+000.000 =
POC STA. VT 1+345.000 L
4.950 m LT.

CONSTRUCT NEW DRIVE TO ALLOW ACCESS TO EAST SIDE OF PROPERTY (4.9 m GRAVEL)

REMOVE PORTION OF OLD FOUNDATION

REMOVE EXIST. DRIVEWAY MATERIAL, REGRADE, PLACE 10 cm TOPSOIL & SEED

REMOVE EXIST. DRIVEWAY MATERIAL, REGRADE, PLACE 10 cm TOPSOIL & SEED

CONSTRUCT DRIVE
STA. VT 1+218.0, RT. (5.6 m GRAVEL)
STA. VT 1+249.1, LT. (4.6 m GRAVEL)
STA. VT 1+310.0, RT. (3.6 m BIT.)
STA. VT 1+331.4, LT. (3.4 m GRAVEL)

MATCH LINE ROW-3I

MATCH LINE STA. VT 1+380, ROW-28

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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SIGNIFIES DEMOLITION & REMOVAL OF STRUCTURES AND IMPROVEMENTS

0 5 10 15
SCALE 1:250
@ FULL SIZE

R.O.W. PLAN
ROW-27

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 99 OF 112

MATCH LINE STA. NB 6+085, ROW-6

CENTRAL VERMONT PUBLIC SERVICE CORPORATION

VERMONT TRANSCO LLC

21A

21G

22A

22B

24A

24B

25A

25B

26A

26B

27A

27B

28A

42A

42B

43A

43B

10A

10B

11A

11B

13A

13B

14A

14B

66M

SLEEMAN, RICHARD A. ESTATE

SLEEMAN, ROSEMARY TRUSTEE
SLEEMAN, ROSEMARY
LIVING TRUST

SLEEMAN, ISABELL R.

SEWARD, LILLIAN A. TRUSTEE
SEWARD, LILLIAN A.
LIVING TRUST

STATE OF VERMONT
BK. 402/PG. 29
FORMERLY
LONG, ROBERT B.
& KATHERINE B.

STATE OF VERMONT
BK. 424/PG. 157
FORMERLY
FENDLER, REED H.

STATE OF VERMONT
BK. 421/PG. 58
FORMERLY STEWART, JOHN S.

NILES, RANDALL C.
& RITA C.

NILES, MELODY, V.
& MARK J.

SWEET,
DOUGLAS
& LINDA

HARRINGTON, TRACY
BARTLETT, WILLIAM
& HARRINGTON,
REUBEN A.
LIFE ESTATE

MAIN STREET TH #2

HARVARD STREET TH #508

MATCH LINE STA. VT 1+360, ROW-27

MATCH LINE STA. VT 1+560, ROW-29

MATCH LINE STA. NB 5+960, ROW-31

MATCH LINE STA. NB 5+960, ROW-32

CURVE AI
Δ = 80°56'33.0" LT.
R. = 50.000m
T. = 42.661m
L. = 70.636m
E. = 15.726m
BANK= 0.020
PI STA AI+067.071
N = 42616.4811
E = 445185.2094
PC N = 42599.3298
E = 445146.1483
PT N = 42657.7551
E = 445174.4213

CURVE DI
Δ = 82°58'43.2" RT.
R. = 50.000m
T. = 44.220m
L. = 72.413m
E. = 16.749m
BANK= 0.020
PI STA DI+071.620
N = 42636.9949
E = 445239.5478
PC N = 42643.7697
E = 445283.2454
PT N = 42679.5367
E = 445227.4822

CURVE NB5
Δ = 55°24'30.7" LT.
R. = 1900.000m
T. = 997.703m
L. = 1837.417m
E. = 246.022m
BANK= 0.032
PI STA NB 5+733.330
N = 42266.8841
E = 445508.4114
PCC N = 41372.0092
E = 445067.2651
PT N = 43138.0842
E = 445022.1796

CURVE VTI
Δ = 17°09'41.0" RT.
R. = 650.000m
T. = 98.079m
L. = 194.690m
E. = 7.358m
BANK= 0.000
PI STA. VTI+328.646
N = 42584.7678
E = 445107.0398
PC N = 42531.2076
E = 445024.8764
PT N = 42611.6999
E = 445201.3488

END LIMITED ACCESS
VT 1+555.67
8.00 m (26.25') LT

CONSTRUCT DRIVE
STA. VT 1+502.5, RT. (3.6 m BIT.)
STA. 1+537.0, RT. (3.5 m GRAVEL)

PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm
STA. VT 1+530.4, RT. (INDIVIDUAL WALKWAY, 1.5 m)

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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SIGNIFIES DEMOLITION & REMOVAL OF STRUCTURES AND IMPROVEMENTS

0 5 10 15
SCALE 1:250
@ FULL SIZE

R.O.W. PLAN
ROW-28

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 4-25-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 100 OF 112

CURVE VT2
Δ = 2°09'50.7" LT.
R. = 1200.000m
T. = 22.665m
L. = 45.324m
E. = 0.214m
BANK= 0.020
PI STA. VT 1+713.794
N = 42690.9310
E = 445478.7950
PC N = 42684.7073
E = 445457.0014
PT N = 42697.9732
E = 445500.3380

CONSTRUCT DRIVE

STA. VT 1+573.6, LT. (12.0 m GRAVEL)
STA. VT 1+582.2, RT. (2.5 m BIT.)
STA. VT 1+593.7, RT. (2.4 m BIT.)
STA. VT 1+612.6, LT. (6.5 m GRAVEL)
STA. VT 1+655.2, LT. (6.4 m GRAVEL)
STA. VT 1+677.0, RT. (3.4 m GRAVEL)
STA. VT 1+678.9, LT. (26.0 m GRAVEL)

CONSTRUCT APPROACH

STA. VT 1+563.5, RT. (6.0 m BIT. HARVARD ST)
STA. VT 1+651.5, RT. (6.0 m BIT. HICKORY HILL)

CENTRAL VERMONT PUBLIC SERVICE CORPORATION
Fuel Tanks
Garage
Shed
21G
28A
QUALITY PLUMBING & HEATING, INC., LESSEE
GOODRICH, STEVEN H. & JANICE E., LESSOR
Loading Rack
AERIAL E&T
41 m (134') N 23° W
RIGHTS ACQUIRED BY OTHERS
END MAINTENANCE AGREEMENT ZONE 2
HARVARD STREET
STA. 2+022.50 CL
LENGTH=5.51 m (18.08')
IS Block Office #1036
Fuel Island
POT STA VT 1+563.500 = POT STA 2+030.000
Flagpole
DISCONNECT & RECONNECT (T)
REMOVE & REPLACE (T)
VT 1+624.17
8.00 m (26.25') LT
Concrete Curb
Med. Oak
DRIVE (T)
Gravel Drive
UE (P)
Private Sign
[68.50 m (224.74')]
VT 1+563.30
2.96 m (9.71') RT
VT 1+571.32
10.48 m (34.38') RT
28B
VT 1+581.27
2.91 m (9.55') RT
2.95 m (9.68') RT
MAIN STREET TH #2
N 74°03'43.5" E
16.02 m (52.56')
VT 1+570.93
2.94 m (9.65') RT
VT 1+600
17.73 m (58.17')
10.34 m (33.92') RT
10.06 m (33.01') RT
10.20 m (33.46')
2.52 m (8.27')
7.63 m (25.03')
Med. Spruce
REMOVE (T)
INSTALL (T)
VT 1+571.45
13.00 m (42.65') RT
VT 1+563.82
13.00 m (42.65') RT
1SWF House #1083
7.63 m (25.03')
HARVARD STREET TH #508
APPROACH (T)
AERIAL E&T
Paved Drive
BOUTIN, JESSICA A.
Guy
#6-1
TOWN OF BENNINGTON
MATCH LINE ROW-32
29
30
66M
31
9.14 m (29.86')
LANDSCAPE (T)
Shrub
Cedar
2 SWF House #1085
PALMER, GREGORY R. & JOYCE M.
Garage
IPF
Sm. Cherry
VT 1+590.65
10.50 m (34.45') RT
1SWF House #1087
LANDSCAPE (T)
MOXLEY, HOWARD J. & TAMMY J.
Med. Maple
BEGIN MAINTENANCE AGREEMENT ZONE 2
HARVARD STREET
STA. 2+016.99 CL
Gravel Drive
32
1.53 m (5.00') SIDEWALK
35.30 m (115.81')
VT 1+608.38
10.56 m (34.65') RT
VT 1+608.14
3.02 m (9.91') RT
2.68 m (8.79') RT
VT 1+643.54
2.36 m (7.74') RT
VT 1+651.15
5.19 m (17.03') LT
VT 1+624.16
2.99 m (9.81') RT
19.39 m (63.62')
VT 1+643.68
10.22 m (33.53') RT
VT 1+651.29 Lilac
9.74 m (31.96') RT
INSTALL AND MAINTAIN (P)
ALL R,T,&I REMOVE (T)
DISCONNECT & RECONNECT (T)
Med. Pine
2 SWF House #1089
BEGIN MAINTENANCE AGREEMENT ZONE 3
HICKORY HILL
STA. 3+020.30 CL
TOWNE, LINDA; CHENAILLE, WENDY; LIVINGSTON, KIM; GARDNER, SHARON; GARDNER, RICHARD C. JR.; GARDNER, GARY; HANSON, GAIL; & GARDNER, RICHARD C. SR., & SHIRLEY B. LIFE ESTATE
MOXLEY ROW
Gravel Drive
Mobile Home
Med. Maple
TOWN OF BENNINGTON
SMITH, SCOTT O. ESTATE
1½SWF House
Garage
AERIAL E&T
APPROXIMATE
BENNINGTON URBAN COMPACT
END TH #2 MAIN ST.
BENNINGTON
BEGIN VT ROUTE 9
33A
SMITH, SCOTT O. ESTATE
1½ SWF House #1040
Gravel Drive
Cedar Hedge
VT 1+662.86
8.30 m (27.23') LT
POT STA VT 1+651.500 = POT STA 3+030.000
Sm. Spruce
38.68 m (126.90')
DRIVE (T)
2.03 m (6.66')
11.92 m (39.11')
33B
VT 1+651.05
5.19 m (17.03') LT
VT 1+658.77
1.87 m (6.14') RT
VT 1+624.17
4.55 m (14.93') LT
VT 1+650
7.63 m (25.03')
7.62 m (25.00')
VT 1+663.24
1.57 m (5.15') RT
35A
CROSS, PETER K. & PAULA J.
1SWF Restaurant
66P
TOWN OF BENNINGTON 50' ROW
AERIAL E&T
Med. Oak
DISCONNECT & RECONNECT (T)
REMOVE & REPLACE (T)
VT 1+693.35
8.30 m (27.23') LT
UE (P)
REMOVE (T)
Private Sign
30.48 m (100.00') With Planter
1.41 m (4.63')
15.16 m (49.74') LT
15.25 m (50.03') LT
Parking Lot
35B
30.48 m (100.00')
VT 1+662.95
5.97 m (19.59') LT
VT 1+693.42
6.89 m (22.60') LT
VERMONT ROUTE 9
30.59 m (100.36')
VT 1+693.81
0.65 m (2.13') RT
20.03 m (65.72') LT
CURVE VT2
34B
25.53 m (83.76')
Chainlink Fence
VT 1+658.90
9.41 m (30.87') RT
DRIVE (T)
Gravel Drive
29.63 m (97.21')
VT 1+684.41
8.30 m (27.23') RT
REMOVE AND RESET (T)
Brush
Gate
HICKORY HILL
TH #104
APPROACH (T)
INSTALL (T)
Shed
Guy
Conc. Slab
34A
HARRINGTON, CHRISTOPHER A. & LAURIE L.
Hardwoods
Pool
Wood Stockade Fence
2 SWF House
1SWF House
BEGIN MAINTENANCE AGREEMENT ZONE 3
HICKORY HILL
STA. 3+026.20 CL
LENGTH=5.90 m (19.36')
MATCH LINE STA. VT 1+700, ROW-30
VT. STATE PLANE GRID
N
0 5 10 15
SCALE 1:250 @ FULL SIZE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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R.O.W. PLAN
ROW-29

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 4-25-07
DRAWN BY: MBB
CHECKED BY: GAK
SHEET: 101 OF 112

VAOT Metric

CURVE VT2
Δ = 2°09'50.7" LT.
R. = 1200.000m
T. = 22.665m
L. = 45.324m
E. = 0.214m
BANK= 0.020
PI STA. VT 1+713.794
N = 42690.9310
E = 445478.7950
PC N = 42684.7073
E = 445457.0014
PT N = 42697.9732
E = 445500.3380

N

VT. STATE PLANE GRID

66P

TOWN OF BENNINGTON 50' ROW

AERIAL E&T 41.8 m (154') N 63° W

RIGHTS ACQUIRED BY OTHERS

42C

SLEEMAN, ISABELL R.

Mixed Woods

Med. Oak

POT STA VT 1+743.500 = POT STA 4+030.000

POT STA. VT 1+760.000
END CONSTRUCTION
BEGIN APPROACH

POT STA. VT 1+820.00
END APPROACH

VT 1+708.7
8.30 m (27.23') LT

DRIVE (T)

UE (P)

[15.16 m (49.74')]

1.25 m (4.10')

[15.25 m (50.03')]

Bel Pine Lot

16.73 m (382.97')

16.72 m (382.94')

VT 1+708.76
7.05 m (23.13') LT

VT 1+735.93
0.02 m (0.05') RT

VT 1+743.50
0.00 m (0.00') RT

VT 1+751.17
0.18 m (0.59') RT

VT 1+766.68
0.09 m (0.30') RT
18.20 m (59.71')

VT 1+784.87
0.31 m (1.02') RT

N 71°53'52.8" E
VT 1+800 40.84 m (133.99')

VT 1+825.63
8.10 m (26.57') LT

0.90 m (2.95')

VT 1+825.63
7.20 m (23.62') LT

VT 1+825.71
0.35 m (1.15') RT

VERMONT ROUTE 9

VT 1+826.98
7.88 m (25.85') RT

VT 1+713.83
0.31 m (1.02') RT

CURVE VT2

VERMONT ROUTE 9

[20.03 m (65.72')]

29.68 m (97.38')

VT 1+735.97
7.56 m (24.80') RT

VT 1+751.21
7.62 m (25.00') RT

VT 1+766.76
7.63 m (25.03') RT

VT 1+784.95
7.86 m (25.79') RT

ALL R,T,& I (WALK)

0.39 m (1.28')

[29.63 m (97.21')]

VT 1+713.88
0.73 m (2.40')

7.90 m (25.92') RT

22.23 m (72.93')

22.24 m (72.97')

7.54 m (24.75')

7.62 m (25.00')

7.63 m (25.03')

15.56 m (51.05')

0.73 m (2.40')

0.67 m (2.20')

18.20 m (59.71')

0.72 m (2.36')

42.03 m (137.89')

7.54 m (24.75')

7.64 m (25.07')

SR (T)

REMOVE (T)

DRIVE (T)

Gravel Drive

VT 1+713.89
8.31 m (27.26') RT

VT 1+735.97
8.29 m (27.20') RT

VT 1+751.21
8.30 m (27.23') RT

VT 1+766.77
8.30 m (27.23') RT

VT 1+784.96
8.58 m (28.15') RT

REMOVE & RESET (T)

REMOVE & REPLACE (T)

2 SWF House #1105

DISCONNECT & RECONNECT (T)

Garage

1½SWF House #1101

1½SWF House #1109

1SWF House #111

Sm. Spruce

Sm. Birch

Private Sign

EASE (P)

Gravel Drive

Med. Oak

Wood Stockade Fence

Woven Wire Fence

Chain Link Fence

Brush

Hedge

Cherry

Hardwoods

Lg. Elm

1SWF House

2 SWF House (Approx. Location)

LINDEN STREET

N 16° 15' 12" W

34B 37B 38B 39B 40B

34A 37A 38A 39A 40A

660

42D

BEGIN MAINTENANCE AGREEMENT ZONE 4
LINDEN STREET
STA. 4+021.71
0.18 m (0.59') RT

END MAINTENANCE AGREEMENT ZONE 4
LINDEN STREET
STA. 4+026.70 CL
LENGTH = 4.99 m (16.37')

HARRINGTON, CHRISTOPHER A. & LAURIE L.

HARRINGTON, MICHAEL L. & DEBRA L.

BUBIER, TODD J. & AMANDA M.

ELLIOTT, WILLIAM P. SR.

SHERMAN, CARL W. & SANDRA L.

APPROACH (T)
TOWN OF BENNINGTON

MATCH LINE STA. VT 1+700, ROW-29

CONSTRUCT DRIVE
STA. VT 1+709.7, RT. (5.3 m BIT.)
STA. VT 1+711.1, LT. (9.3 m GRAVEL)
STA. VT 1+716.1, RT. (3.2 m GRAVEL)
STA. VT 1+781.2, RT. (5.5 m GRAVEL)
STA. VT 1+793.0, RT. (13.6 m BIT.)
STA. LINDEN ST 4+018.0, LT. (3.6 m GRAVEL)

CONSTRUCT APPROACH
STA. VT 1+743.5, RT. (6.0 m BIT. LINDEN ST.)

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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0 5 10 15
SCALE 1:250
@ FULL SIZE

R.O.W. PLAN
ROW-30

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

VAOT Metric

N

VT. STATE PLANE GRID

MATCH LINE ROW-27

MATCH LINE STA. NB 5+960, ROW-28

Garage

Shed

Greenhouse

2 SWF House

Cherry

EXISTING UTILITY EASEMENT

EXISTING UTILITY EASEMENT

16A

KIPP, BRENT
& RACHEL F.

15A

STATE OF VT
BK. 378/PG. 172
FORMERLY
GUERARD, DEBORAH A.
BABCOCK, SHIRLEY F.

43A

HARRINGTON, TRACY L.,
BARTLETT, WILLIAM J.,
& HARRINGTON,
REUBEN A.
LIFE ESTATE

10A

STATE OF VERMONT
BK. 402/PG. 29
FORMERLY
LONG, ROBERT B.
& KATHERINE B.

11A

STATE OF VERMONT
BK. 424/PG. 157
FORMERLY
RENDLER, REED H.

1SWF House

[76.66 m (251.51')]

[79.82 m (262.20')]

[80.77 m (264.99')]

[83.14 m (272.77')]

IRF

IRF

23.74 m (77.88')

20.51 m (67.29')

22.27 m (73.06')

[34.44 m (112.99')]

BARNEY BROOK

BARNEY BROOK

VT 1+356.08
86.94 m (285.24') RT

VT 1+328.67
87.03 m (285.53') RT

VT 1+379.62
89.52 m (293.70') RT

VT 1+405.21
92.99 m (305.09') RT

SB 5+000

MATCH LINE ROW-32

STATE OF VT
BK. 374/PG. 188
FORMERLY
KNAPP, ELLEN G.

8A

2 SWF Barn

1SWF House

Garage

2 SWF House

EXISTING UTILITY EASEMENT

EXISTING UTILITY EASEMENT

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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0 5 10 15
SCALE 1:250
@ FULL SIZE

R.O.W. PLAN

ROW-31

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 4-09-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 103 OF 112

VAOT Metric

N

VT. STATE PLANE GRID

MATCH LINE ROW-28

MATCH LINE ROW-29

MATCH LINE ROW-31

STATE OF VERMONT
BK. 421/PG. 58
FORMERLY STEWART, JOHN S.

13A

14A

ISWF House
#1075

NILES, RANDALL C.
& RITA C.

26A

NILES, MELODY, V.
& MARK J.

27A

SWEET,
DOUGLAS
& LINDA

11A

STATE OF VERMONT
BK. 424/PG. 157
FORMERLY
FENDLER, REED H.

12A

STATE OF VERMONT
BK. 374/PG. 62
FORMERLY PINSKER, RUTH

12B

66N

8A

STATE OF VT
BK. 374/PG. 188
FORMERLY
KNAPP, ELLEN G.

N/F MATHERS

HARVARD STREET

TH #508

SHAWMUT STREET

SHAWMUT ST. TH# 506

BARNEY BROOK

2 SWF House

1½ SWF House
#105

ISWF House
#101

Garage

Shed

Hardwoods

Brush

Paved Drive

Shrubs

Med. Oak

Med. Stump

Shrub

Gate

Grav. Dr.

Woven Wire Fence

Chainlink Fence

Wood Stockade Fence

VT 1+456.65
55.84 m (183.20') RT

VT 1+486.08
58.32 m (191.34') RT

VT 1+490.41
58.68 m (192.52') RT

VT 1+441.71
100.95 m (331.20') RT

VT 1+460.43
101.57 m (333.23') RT

VT 1+486.82
102.43 m (336.06') RT

VT 1+460.21
108.32 m (355.38') RT

VT 1+486.91
107.83 m (353.77') RT

VT 1+439.54
107.27 m (351.94') RT

#3/6-2/2

#2/6-3/3

NB 5+900

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

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SIGNIFIES DEMOLITION & REMOVAL OF STRUCTURES AND IMPROVEMENTS

0 5 10 15
SCALE 1:250
@ FULL SIZE

R.O.W. PLAN

ROW-32

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

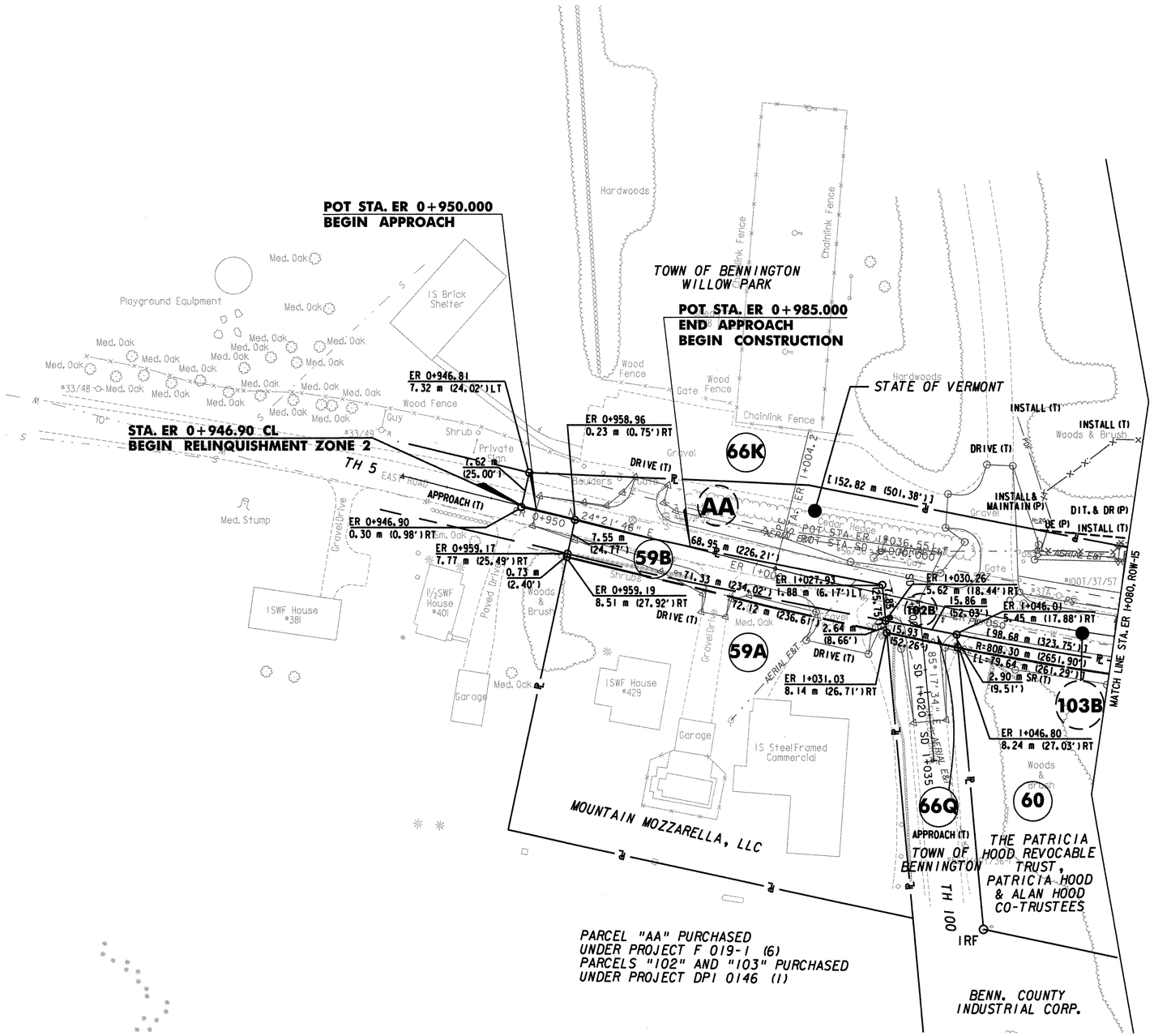
DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 3-26-07
DRAWN BY: MBB
CHECKED BY: GAK

SHEET: 104 OF 112

VAOT Metric


POT STA. ER 0+950.000
BEGIN APPROACH
STA. ER 0+946.90 CL
BEGIN RELINQUISHMENT ZONE 2
TH 5
EAST ROAD
ER 0+946.81
7.32 m (24.02') LT
ER 0+946.90
0.30 m (0.98') RT
ER 0+958.96
0.23 m (0.75') RT
ER 0+959.17
7.77 m (25.49') RT
0.73 m
(2.40')
ER 0+959.19
8.51 m (27.92') RT
ER 1+027.93
1.88 m (6.17') LT
ER 1+030.26
5.62 m (18.44') RT
ER 1+031.03
8.14 m (26.71') RT
ER 1+046.01
5.45 m (17.88') RT
ER 1+046.80
8.24 m (27.03') RT
POT STA. ER 0+985.000
END APPROACH
BEGIN CONSTRUCTION
POT STA. ER 1+036.55
END CONSTRUCTION
TOWN OF BENNINGTON
WILLOW PARK
STATE OF VERMONT
MOUNTAIN MOZZARELLA, LLC
THE PATRICIA HOOD REVOCABLE TRUST, PATRICIA HOOD & ALAN HOOD CO-TRUSTEES
TOWN OF BENNINGTON
BENN. COUNTY INDUSTRIAL CORP.
APPROACH (T)
DRIVE (T)
INSTALL (T)
INSTALL & MAINTAIN (P)
DIT. & DR (P)
DE (P)
[152.82 m (501.38')]
68.95 m (226.21')
71.33 m (234.02')
72.12 m (236.67')
15.86 m (52.03')
15.93 m (52.26')
2.64 m (8.66')
198.68 m (323.75') RT
R=808.30 m (2651.90')
FL=79.64 m (261.29')
2.90 m SR (T) (9.51')
85°17'34" E
SD 1+020
SD 1+035
AERIAL EBT
AERIAL EBT
ER 1+004.2
MATCH LINE STA. ER 1+080, ROW-15
59B
59A
66K
66Q
60
102B
103B
AA
IRF
Med. Oak
Playground Equipment
IS Brick Shelter
Med. Stump
Gravel Drive
Paved Drive
1½SWF House #401
1SWF House #381
1SWF House #429
Garage
IS Steel Framed Commercial
Hardwoods
Chainlink Fence
Wood Fence
Gate
Guy
Shrub
Private Sign
Gravel
Shoulders
Cedar Hedge
Shrubs
Woods & Brush
Woods & Brush
#33/48
#33/49
#100T/37/57
#31A
PS
N 24°21'48" E
R 0+950
R 1+000
R 1+050
R 1+100
R 1+150
R 1+200
R 1+250
R 1+300
R 1+350
R 1+400
R 1+450
R 1+500
R 1+550
R 1+600
R 1+650
R 1+700
R 1+750
R 1+800
R 1+850
R 1+900
R 1+950
R 2+000
R 2+050
R 2+100
R 2+150
R 2+200
R 2+250
R 2+300
R 2+350
R 2+400
R 2+450
R 2+500
R 2+550
R 2+600
R 2+650
R 2+700
R 2+750
R 2+800
R 2+850
R 2+900
R 2+950
R 3+000
R 3+050
R 3+100
R 3+150
R 3+200
R 3+250
R 3+300
R 3+350
R 3+400
R 3+450
R 3+500
R 3+550
R 3+600
R 3+650
R 3+700
R 3+750
R 3+800
R 3+850
R 3+900
R 3+950
R 4+000
R 4+050
R 4+100
R 4+150
R 4+200
R 4+250
R 4+300
R 4+350
R 4+400
R 4+450
R 4+500
R 4+550
R 4+600
R 4+650
R 4+700
R 4+750
R 4+800
R 4+850
R 4+900
R 4+950
R 5+000
R 5+050
R 5+100
R 5+150
R 5+200
R 5+250
R 5+300
R 5+350
R 5+400
R 5+450
R 5+500
R 5+550
R 5+600
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VAOT Metric

VT. STATE PLANE GRID N

STA. NB 4+780.00
END PROJECT NH F019-1(4)
BEGIN PROJECT NH F019-1(5)

BEGIN R.O.W. PROJECT
STA. NB 5+651.03
32.66 m (107.15') LT

MATCHLINE - SHEET ROW-CC

MATCHLINE - SHEET ROW-BB

MATCH LINE

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

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SCALE 1:2500
@ FULL SIZE

ROW PLAN

ROW-AA

PROJECT NAME:	PROJECT NUMBER:
BENNINGTON BYPASS	NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row	PLOT DATE: 4-25-07
PROJECT LEADER: JDP	DRAWN BY: ADM
	CHECKED BY: GAK
	SHEET: 106 OF 112

MATCHLINE - SHEET ROW-DD

MATCHLINE - SHEET ROW-CC

(47)

JANE COLE REALTY LLC

BURT, C. OLIVER III

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE

MATCHLINE - SHEET ROW-AA

MATCHLINE - SHEET ROW-AA

VT. RTE. 9

P/L

N

VT. STATE PLANE GRID

VAOT Metric

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

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SCALE 1:2500
@ FULL SIZE

ROW PLAN

ROW-BB

PROJECT NAME: BENNINGTON BYPASS

PROJECT NUMBER: NH F019-1(5)

DESIGN FILE NAME: c:\dh\bennington\row

PROJECT LEADER: JDP

PLOT DATE: 12-05-05
DRAWN BY: ADM
CHECKED BY: GAK

SHEET: 107 OF 112

VAOT Metric

VT. STATE PLANE GRID N

NORTH BRANCH ST.

CHAPEL ROAD

JEPSON, GERALD A.

JANE COLE REALTY LLC

GREEN MOUNTAIN CLUB
20' R.O.W.

JANE COLE REALTY LLC

MATCHLINE - SHEET ROW-AA

MATCHLINE - SHEET ROW-EE

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

PT. OF E.A. 7+479.12

NB 7+000
NB 7+100
NB 7+200
NB 7+300
NB 7+400
NB 7+500
NB 7+600

RELOCATED UTILITY EASEMENT

N/F BOUTIN

N/F
BAKER, JOHN M.
& DENISE M.

N/F
BAKER, HELEN E.
& BAKER, JOHN

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE
LOSS OF ACCESS

E.A. 7+304.85

NB 6+900
NB 6+800
NB 6+700
NB 6+600
NB 6+500
NB 6+400

BAKER,
JOHN M. & DENISE M.

LOT LINE

JEPSON, GERALD A.
LOSS OF ACCESS

PROUTY, GEORGE E.
& JOANNE B.

BRK 30" R.O.W.

HALL, JOSEPH H. & MARY L.
MAGUIRE, MARY H. & SCOTT R.

JANE COLE REALTY LLC

JOHN M. & DENISE M. BAKER
LOSS OF ACCESS

NORTH BRANCH REALTY TRUST
MICHAEL A. DEEP, TRUSTEE
LOSS OF ACCESS

BURT,
C. OLIVER III

MATCHLINE - SHEET ROW-AA

MATCHLINE - SHEET ROW-BB

MATCHLINE - SHEET ROW-DD

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

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SCALE 1:2500
@ FULL SIZE

ROW PLAN
ROW-CC

PROJECT NAME:	PROJECT NUMBER:
BENNINGTON BYPASS	NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row	PLOT DATE: 12-05-05
PROJECT LEADER: JDP	DRAWN BY: ADM
	CHECKED BY: GAK
	SHEET: 108 OF 112

VAOT Metric

VT. STATE PLANE GRID N

MATCHLINE - SHEET ROW-CC

MATCHLINE - SHEET ROW-EE

(47) JANE COLE REALTY LLC

(41) HALL, JOSEPH H. & MARY I.
MAGUIRE, MARY H. & SCOTT R.

(68) THE WALLY J. BIRK REVOCABLE TRUST,
WALLY J. BIRK, TRUSTEE

(51) HOLLAND COMPANY, INC.

(53) WALBRIDGE, J. EDWARD
UNKNOWN HEIRS

(47) JANE COLE REALTY LLC

GREENE, FRANCIS E. JR.
GREENE, JOSHUA H.

TOWN OF BENNINGTON

TOWN OF BENNINGTON

WATSON, CYNTHIA W.

N/F WATSON, BRIAN

STATE OF VERMONT

MATCHLINE - SHEET ROW-BB

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

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SCALE 1:2500
@ FULL SIZE

ROW PLAN
ROW-DD

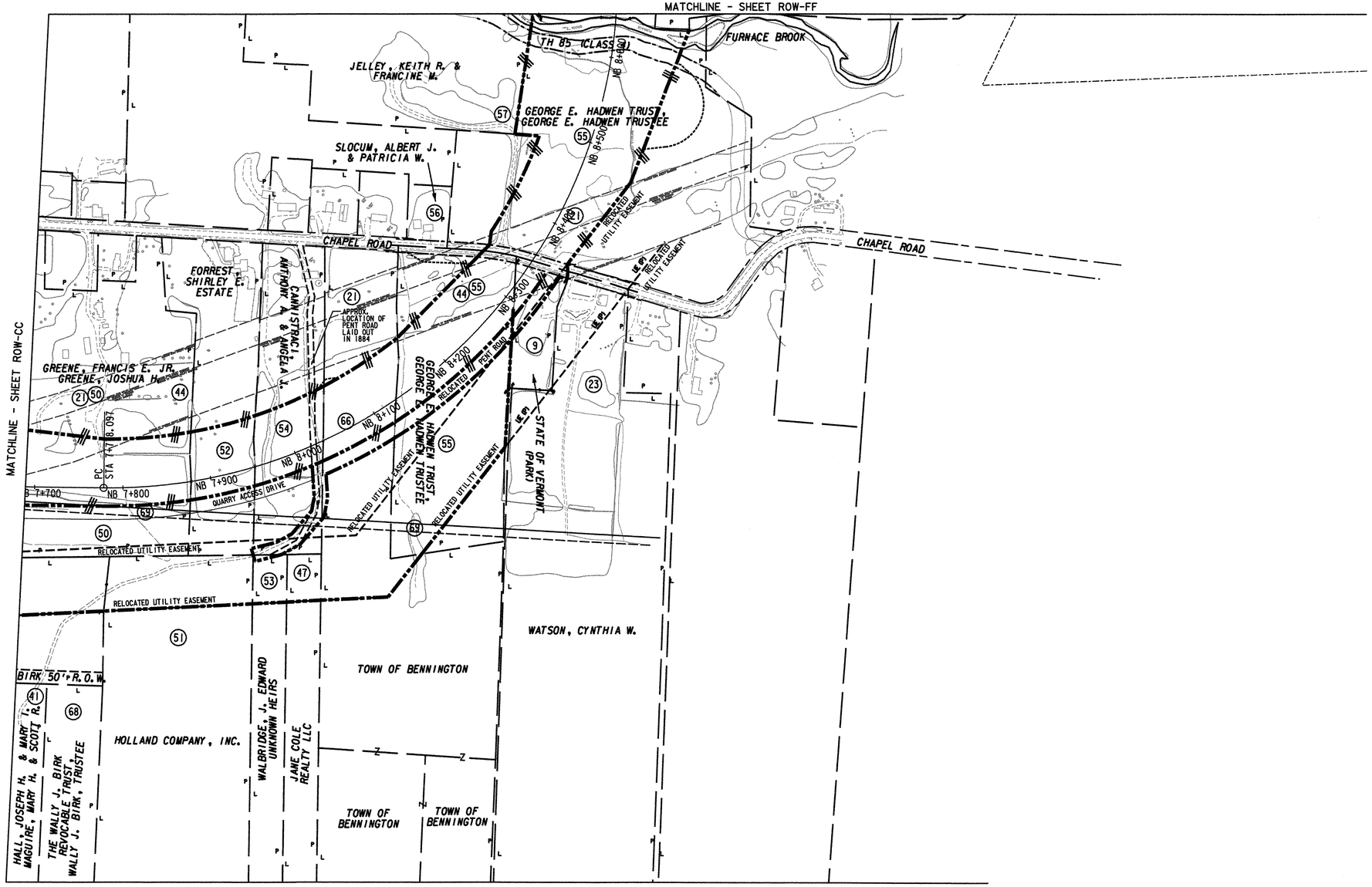
PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: ADM
CHECKED BY: GAK
SHEET: 109 OF 112

VT. STATE PLANE GRID

N

VAOT Metric

MATCHLINE - SHEET ROW-FF



MATCHLINE - SHEET ROW-CC

MATCHLINE - SHEET ROW-DD

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

LINES 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.

THIS SHEET TO BE USED FOR RIGHT-OF-WAY INFORMATION ONLY

0 50 100 150

SCALE 1:2500
@ FULL SIZE

ROW PLAN

ROW-EE

PROJECT NAME:	PROJECT NUMBER:
BENNINGTON BYPASS	NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row	PLOT DATE: 3-26-07
PROJECT LEADER: JDP	DRAWN BY: ADM
	CHECKED BY: GAK
	SHEET: 110 OF 112

VT. STATE PLANE GRID N

VAOT Metric

MATCHLINE - SHEET ROW-GG

PARCELS "AA", "BB" & "CC" PURCHASED UNDER F 019-1 (6)
PARCELS "101", "102", "103", "104" & "105" PURCHASED UNDER
PROJECT D.P.I. 0146 (1)

TOWN OF BENNINGTON

STATE OF VERMONT

PT 9+562.149

NB 9+700

NB 9+600

NB 9+500

NB 9+400

NB 9+300

PC 9+260.986

NB 9+200

NB 9+100

NB 9+000

NB 8+900

NB 8+800

NB 8+700

PT 8+688.832

N/F SCHUELER

STATE OF VERMONT

HEWITT DRIVE

N/F MARTIN

EAST ROAD

EAST ROAD

(BB)

66

AA

105A

103B

105B

59

MOUNTAIN MOZZARELLA, LLC

102B

60

103A

THE PATRICIA HOOD REVOCABLE TRUST
PATRICIA HOOD & ALAN HOOD
CO-TRUSTEES

104B

CC

61

62

102A

N/F SIRIUS CYBERNETICS REALTY, INC.

104A

WILKINSON, ROY & CAROLYN

STATE OF VERMONT

BENNINGTON COUNTY INDUSTRIAL CORPORATION

58

101

MT. ANTHONY UNION HIGH SCHOOL
DISTRICT NO. 14

JELLEY, KEITH R. & FRANCINE M.

57

MATCHLINE

ROW-CC

MATCHLINE - SHEET ROW-EE

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

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0 50 100 150
SCALE 1:2500
@ FULL SIZE

ROW PLAN

ROW-FF

PROJECT NAME:	PROJECT NUMBER:
BENNINGTON BYPASS	NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row	PLOT DATE: 4-14-06
PROJECT LEADER: JDP	DRAWN BY: ADM
	CHECKED BY: GAK
	SHEET: 111 OF 112

VTrans Metric

END R.O.W. PROJECT
STA. NB 10+558.86
105.45 m (345.96') LT

STA. NB 10+776.00
END PROJECT NH F019-1(5)

N
VT. STATE PLANE GRID

APPLEGATE HOUSING LIMITED PARTNERSHIP
63

ORCHARD ROAD

LEMAIRE, LAURENCE P. JR. & ZENO, LINDA L.
64

STATE OF VERMONT

STATE OF VERMONT

BENNINGTON SCHOOL DISTRICT, INC.
65

66

TOWN OF BENNINGTON

N/F SCHUELER

NB 11+000
NB 11+100
NB 11+200
NB 11+300
NB 11+400
NB 11+500
NB 10+900
NB 10+800
NB 10+700
NB 10+600
NB 10+500
NB 10+400
NB 10+300
NB 10+200
NB 10+100
NB 10+000
NB 9+900
NB 9+800

MATCHLINE - SHEET ROW-FF

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

LINES 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.

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0 50 100 150
SCALE 1:2500
@ FULL SIZE

ROW PLAN
ROW-GG

PROJECT NAME: BENNINGTON BYPASS
PROJECT NUMBER: NH F019-1(5)
DESIGN FILE NAME: c:\dh\bennington\row
PROJECT LEADER: JDP
PLOT DATE: 3-26-07
DRAWN BY: ADM
CHECKED BY: GAK
SHEET: 112 OF 112