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SEE SHEET 2

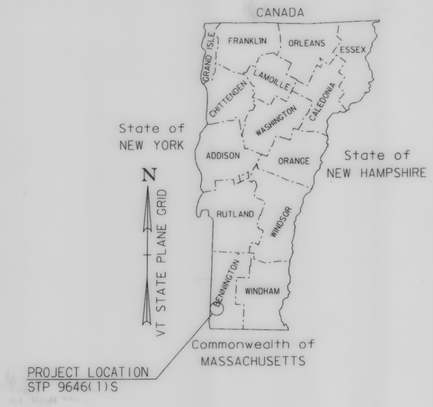
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
CLASS I TOWN HIGHWAY
VILLAGE OF
NORTH BENNINGTON
COUNTY OF BENNINGTON
VT. ROUTE 67A

BEGINNING AT MILE MARKER 2.134 = STA. 3+434.340 AND EXTENDING NORTHERLY ALONG VT. ROUTE 67A FOR A DISTANCE OF 1903.854 m (1.183 MILES) TO MILE MARKER 3.317 = STA. 5+338.194

LENGTH OF ROADWAY 1903.854 m (1.183 MILES)
LENGTH OF PROJECT 1903.854 m (1.183 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A SHIM / LEVELING COURSE AND WEARING COURSE, SHOULDER RECONSTRUCTION, NEW SIDEWALK AND CURB, NEW RETAINING WALL CONSTRUCTION, NEW PAVEMENT MARKINGS, NEW SIGNS, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.



TRAFFIC DATA

VT. ROUTE 67A:
(BEGIN PROJECT TO MM 3.224)

2004 ADT = 6700
2004 DHV = 750
2014 ADT = 7100
2014 DHV = 790

2004 ~ 2014 CUM. ESALS = 768,000
2004 ~ 2014 CUM. ESALS = 1,771,000

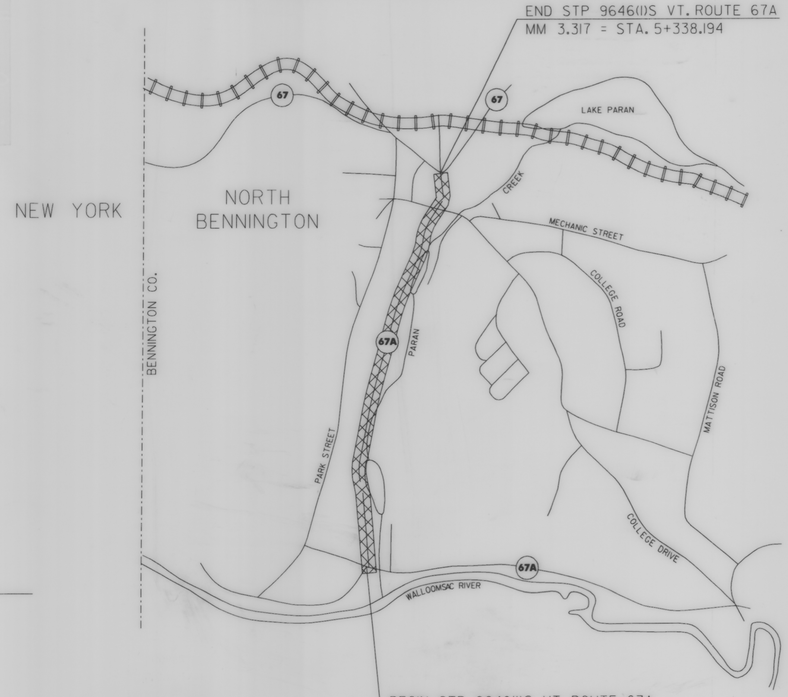
VT. ROUTE 67A:
(MM 3.224 TO END PROJECT)

2004 ADT = 7300
2004 DHV = 810
2014 ADT = 7800
2014 DHV = 860

2004 ~ 2014 CUM. ESALS = 841,000
2004 ~ 2014 CUM. ESALS = 1,947,000

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	973,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 64-28

END STP 9646(I)S VT. ROUTE 67A
MM 3.317 = STA. 5+338.194



BEGIN STP 9646(I)S VT. ROUTE 67A
MM 2.134 = STA. 3+434.340

N
VERMONT AGENCY OF TRANSPORTATION

RECORD PLANS

CONTRACTOR: PETRICCA CONSTRUCTION CO.- PITTSFIELD, MA
RESIDENT ENGINEER: RON LEMAIRE
CONSTRUCTION BEGAN: JULY 16, 2006
CONSTRUCTION COMPLETE: JUNE 14, 2007
RECORD PLANS BY: RON LEMAIRE & JUDY GILMORE

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

BY _____ RESIDENT ENGINEER

DATE 9-1/30/08

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

STATE OF VERMONT
DALE E. GOZALKOWSKI
No. 7227
REGISTERED PROFESSIONAL ENGINEER

PLANS PREPARED BY

CHA © 2006

CLOUGH HARBOUR & ASSOCIATES LLP
111 Winners Circle, PO Box 5269, Albany, NY 12205
www.cloughharbour.com

BY Dale E Gozalkowski

CONVENTIONAL SIGNS

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

SURVEYED BY : L.R.S.C.
SURVEYED DATE : 4/2003

DATUM
VERTICAL N/A
HORIZONTAL NAD 83 (1996)

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

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 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

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Paula Tetreault DATE 1-21-06

PROJECT MANAGER :

PROJECT NAME : NORTH BENNINGTON
PROJECT NUMBER : STP 9646(I)S

SHEET 1 OF 151 SHEETS

FILE NAME =u:\10760\Mstr\03\9646\pdl04cov.dgn
DATE/TIME = 3/29/2006
USER =1459

VAOT Metric

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C-3AM	SIDEWALK RAMPS	09-01-04
C-3BM	SIDEWALK RAMPS AND MEDIAN ISLANDS	09-01-04
D-8M	REINFORCED CONCRETE DROP INLET	01-03-00
D-9M	REINFORCED CONCRETE DROP INLET	06-13-97
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D-15M	CAST IRON GRATE WITH FRAME, TYPE D	06-13-97
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E-100	CONSTRUCTION APPROACH SIGNS	01-02-04
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E-102	CONSTRUCTION SIGN DETAILS	06-30-03
E-102A	CONSTRUCTION SIGN DETAILS	05-01-04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03-01-04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-30-03
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E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	08-18-95
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J-3M	MAILBOX SUPPORT DETAILS	06-13-97

NOTE:
NO METRIC STANDARD DRAWING AVAILABLE WHERE ENGLISH STANDARD DRAWING INDICATED

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

INDEX OF SHEETS

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
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IPARM FILE pd104ind.i DATE PLOTTED 20-AUG-2010 12:
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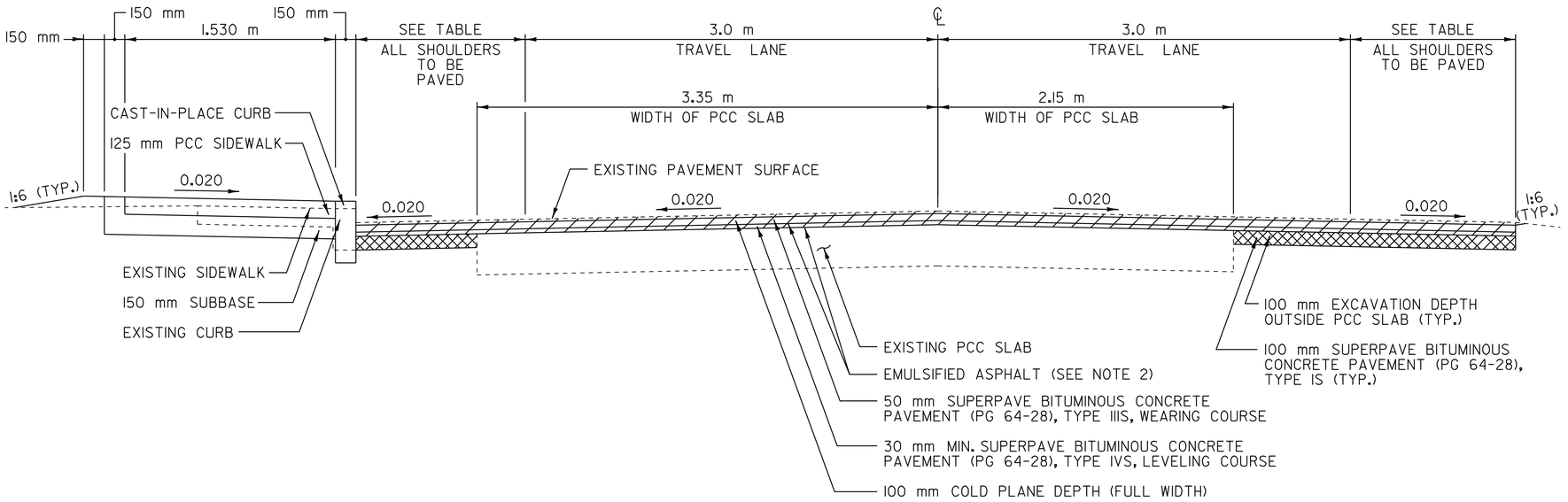
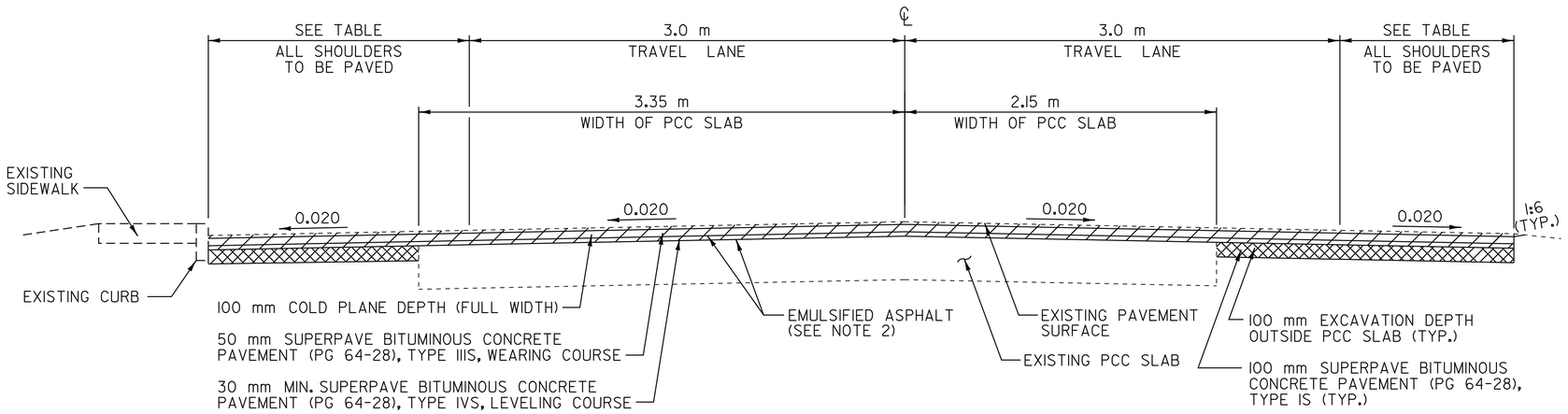
PROJ. NO. STP 9646(I)S
SHEET 2 OF 151 SHEETS



TYPICAL SECTION
COLD PLANE WITH NEW CURB AND SIDEWALK, LT

VT. ROUTE 67A STA. 3+434.340 - STA. 4+187.200
VT. ROUTE 67A STA. 4+543.400 - STA. 5+160.000



TYPICAL SECTION
COLD PLANE WITH EXISTING CURB AND SIDEWALK TO REMAIN, LT

VT. ROUTE 67A STA. 4+187.200 - STA. 4+543.400

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN	END	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
NORTH BENNINGTON VT. ROUTE 67A	3+434.340	4+000.000	1.2 m - 3.0 m - 3.0 m - 1.2 m	50 mm	835	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	4+000.000	4+180.000	1.2 m - 3.0 m - 3.0 m - 0.9 m	50 mm	230	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	4+180.000	4+630.000	VARIES - 3.0 m - 3.0 m - 1.2 m	50 mm	540	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	4+630.000	4+680.000	2.0 m - 3.0 m - 3.0 m - 1.2 m	50 mm	115	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	4+680.000	4+840.000	1.2 m - 3.0 m - 3.0 m - 1.2 m	50 mm	226	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	4+840.000	5+060.000	VARIES - 3.0 m - 3.0 m - 0.6 m	50 mm	230	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	5+060.000	5+160.000	0.6 m - 3.0 m - 3.0 m - 0.3 m	50 mm	166	COLD PLANE 100 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON VT. ROUTE 67A	5+160.000	5+338.194	VARIES - SEE LAYOUT SHEETS	50 mm	277	COLD PLANE 80 mm, LEVEL WITH 30 mm MIN. TYPE IVS AND PAVE WITH 50 mm TYPE IIIS
NORTH BENNINGTON HILLSIDE STREET	HI+000.000	HI+070.000	2.7 m - 2.7 m	50 mm	20	FULL-DEPTH RECONSTRUCTION
NORTH BENNINGTON RIVER ROAD	RI+000.000	RI+070.000	3.0 m - 3.0 m	50 mm	65	FULL-DEPTH RECONSTRUCTION

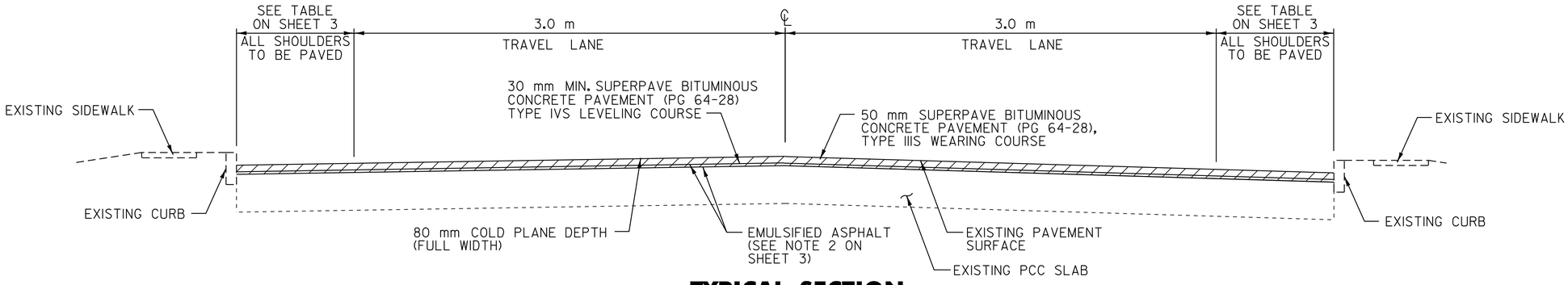
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

NOTES

1. THE WEARING COURSE SHALL BE TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 64-28.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m^2 OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS SHALL ONLY BE PAID WHERE INDICATED IN THE PLANS. ALL PAVING WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS, AROUND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
5. A FULL-DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE BEGIN AND END PROJECT LOCATIONS AND AT ALL SIDE ROAD APPROACHES AS INDICATED ON THE PROJECT PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
6. ITEMS 604.40 & 604.412 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
7. ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 210.10 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS OR AGGREGATE SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30 OR ITEM 401.10. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
8. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL-PURPPOSE EXCAVATOR RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
9. EXCESS EXCAVATION MATERIAL SHALL BE USED FOR CONSTRUCTING MANUFACTURED TERMINAL SECTION FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m^3 OF EXCESS EXCAVATION MATERIAL AND 5 TONS OF COLD PLANE GRINDINGS FOR EACH FLARED GUARDRAIL TERMINAL. ITEM 402.12 AGGREGATE SHOULDERS (MOD.) HAS BEEN INCLUDED TO PAY FOR THE USE OF THE COLD PLANE GRINDINGS TO CONSTRUCT FLARED GUARDRAIL TERMINALS.
10. TREATED TIMBER CURB SHALL BE BACKED-UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF ITEM 402.12 AGGREGATE SHOULDERS (MOD.) HAS BEEN INCLUDED TO PAY FOR THE USE OF COLD PLANE GRINDINGS GENERATED ON THE PROJECT TO BE USED AS AGGREGATE SHOULDER MATERIAL. ADDITIONAL MATERIAL NEEDED AFTER ALL COLD PLANE GRINDINGS ARE USED SHALL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
11. YIELDING MARKER POSTS SHALL BE USED TO DELINEATE PIPE INLETS AND OUTLETS ONLY.

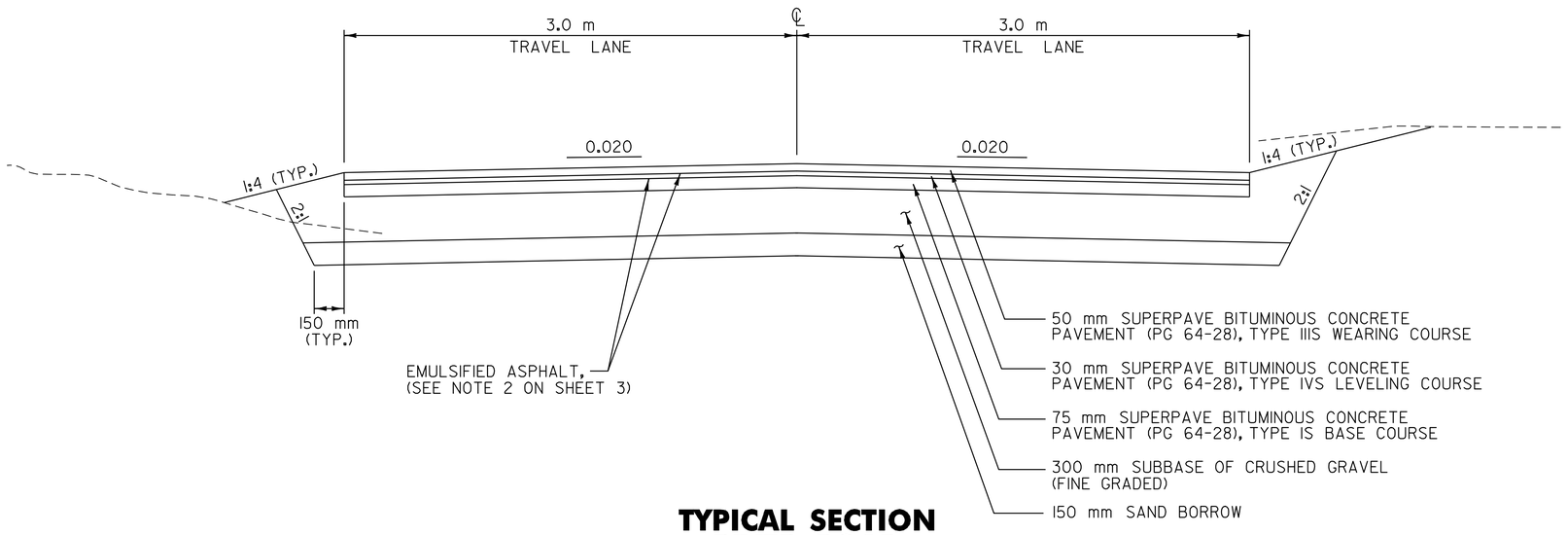
PROJECT TYPICAL SHEET 1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04pt1.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 3 OF 151 SHEETS



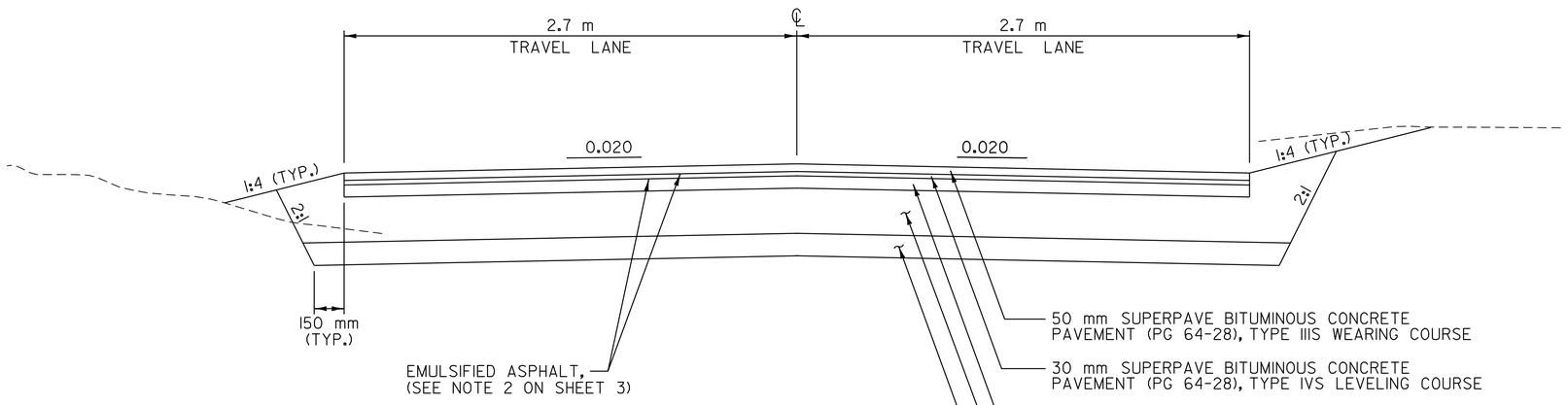
TYPICAL SECTION
COLD PLANE WITH EXISTING CURB AND SIDEWALK TO REMAIN LT & RT

VT. ROUTE 67A STA. 5+160.000 - STA. 5+338.194



TYPICAL SECTION
RIVER ROAD

STA. R 1+000.000 - STA. R 1+060.000



TYPICAL SECTION
HILLSIDE STREET

STA. H 1+000.000 - STA. H 1+060.000

URBAN AREA SEED MIXTURE

% MASS	kg/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
100.0	90.0			

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

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

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

AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 4.5 tons/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:
TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 4.5 tons/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PROJECT TYPICAL SHEET 2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
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PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 4 OF 151 SHEETS

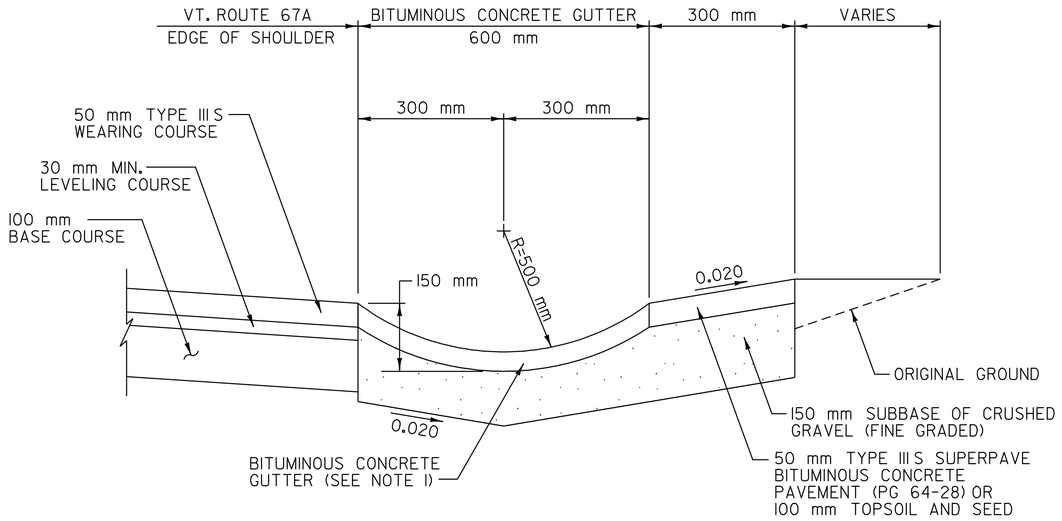
HORIZONTAL CONTROL TABLE

HCL POINT	COORDINATES NORTHING	COORDINATES EASTING	HCL STATION	DESCRIPTION
VT. ROUTE 67A				
BEGIN ROUTE 67A	46229.537	439123.653	3+400.000	
P.C. CURVE 1	46240.603	439082.708	3+442.414	
P.I. CURVE 1	46251.510	439042.350	P.I. STA. 3+484.219 BK. = P.I. STA. 3+472.431 AHD.	
P.T. CURVE 1	46293.303	439041.334	3+514.236	
P.C. CURVE 2	46495.043	439036.430	3+716.036	
P.I. CURVE 2	46529.236	439035.599	P.I. STA. 3+750.239 BK. = P.I. STA. 3+750.109 AHD.	
P.T. CURVE 2	46562.911	439029.610	3+784.312	
P.C. CURVE 3	46634.298	439016.912	3+856.819	
P.I. CURVE 3	46716.000	439002.380	P.I. STA. 3+939.803 BK. = P.I. STA. 3+937.959 AHD.	
P.T. CURVE 3	46797.511	439017.946	4+020.943	
P.C. CURVE 4	46989.674	439054.642	4+216.579	
P.I. CURVE 4	47039.622	439064.180	P.I. STA. 4+267.430 BK. = P.I. STA. 4+267.321 AHD.	
P.T. CURVE 4	47088.178	439079.284	4+318.172	
P.C. CURVE 5	47310.740	439148.515	4+551.254	
P.I. CURVE 5	47365.097	439165.423	P.I. STA. 4+608.179 BK. = P.I. STA. 4+608.149 AHD.	
P.T. CURVE 5	47418.403	439185.396	4+665.074	
P.C. CURVE 6	47617.081	439259.836	4+877.239	
P.I. CURVE 6	47642.994	439269.544	P.I. STA. 4+904.911 BK. = P.I. STA. 4+904.909 AHD.	
P.T. CURVE 6	47668.686	439279.825	4+932.581	
P.C. CURVE 7	47689.170	439288.021	4+954.644	
P.I. CURVE 7	47716.023	439298.766	P.I. STA. 4+983.568 BK. = P.I. STA. 4+983.436 AHD.	
P.T. CURVE 7	47744.277	439304.957	5+012.360	
P.C. CURVE 8	47788.101	439314.560	5+057.224	
P.I. CURVE 8	47825.761	439322.812	P.I. STA. 5+095.777 BK. = P.I. STA. 5+094.144 AHD.	
P.T. CURVE 8	47854.774	439348.201	5+132.697	
P.C. CURVE 9	47887.226	439376.599	5+175.820	
P.I. CURVE 9	47912.605	439398.807	P.I. STA. 5+209.544 BK. = P.I. STA. 5+205.926 AHD.	
P.T. CURVE 9	47946.223	439396.145	5+239.650	
END VT. ROUTE 67A	48066.197	439386.646	5+360.000	
RIVER ROAD				
BEGIN RIVER ROAD	46263.233	439050.970	RI+000.000	
P.C. CURVE RI	46254.468	439038.116	RI+015.558	
P.I. CURVE RI	46249.149	439030.314	P.I. STA. RI+025.000 BK. = P.I. STA. RI+024.661 AHD.	
P.T. CURVE RI	46240.903	439025.715	RI+034.103	
END RIVER ROAD	46209.552	439008.230	RI+070.000	
HILLSIDE STREET				
BEGIN HILLSIDE STREET	46251.297	439034.054	HI+000.000	
P.C. CURVE HI	46251.628	439033.776	HI+000.433	
P.I. CURVE HI	46257.111	439029.161	P.I. STA. HI+007.599 BK. = P.I. STA. HI+007.225 AHD.	
P.T. CURVE HI	46259.318	439022.343	HI+014.391	
END HILLSIDE STREET	46276.437	438969.434	HI+070.000	

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

HORIZONTAL CONTROL TABLE

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04hc.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 5 OF 151 SHEETS



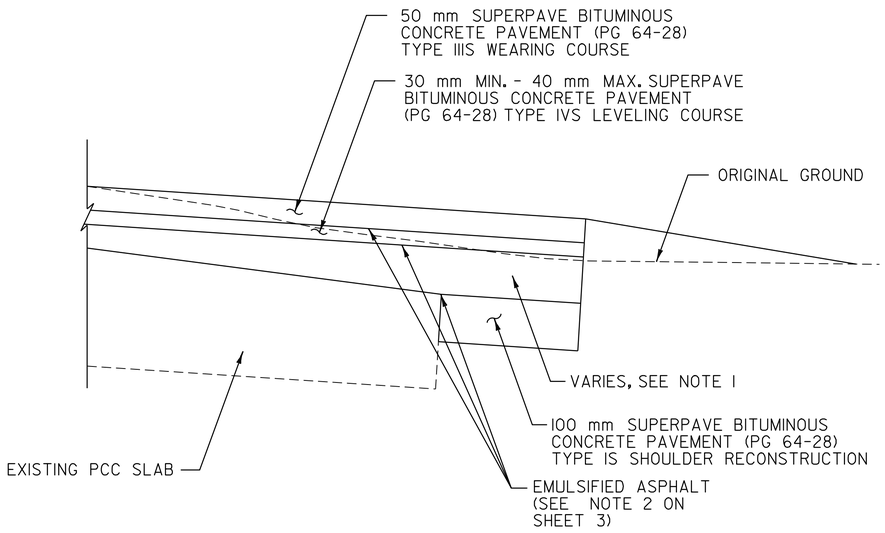
BITUMINOUS CONCRETE GUTTER DETAIL

N.T.S

VT. ROUTE 67A STA. 3+555.6 - STA. 3+776.3 RT
VT. ROUTE 67A STA. 5+060.0 - STA. 5+180.0 RT

NOTE:

1. BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-50 mm TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



LEVELING DETAIL

N.T.S

VT. ROUTE 67A STA. 4+880.0 - STA. 4+920.0
VT. ROUTE 67A STA. 5+060.0 - STA. 5+120.0

NOTE:

1. AREAS REQUIRING ADDITIONAL LEVELING TO ACHIEVE A NORMAL CROWN SECTION SHALL BE LEVELED WITH MULTIPLE LIFTS OF TYPE IS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28) AS DIRECTED BY THE RESIDENT ENGINEER.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PAVING DETAILS SHEET

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104pd.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 6 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

				FULL C.E.	EROSION CONTROL	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
				-	-	300	300	m³	SOLID ROCK EXCAVATION	203.16	16
				-	-	3800	3800	m³	UNCLASSIFIED EXCAVATION	203.17	143.5
				-	-	1	1	m³	EARTH BORROW (N.A.B.I.)	203.30	-
				-	-	170	170	m³	SAND BORROW	203.31	10
				-	-	1	1	m³	TRENCH EXCAVATION OF EARTH (N.A.B.I.)	204.20	-
				-	-	240	240	m³	STRUCTURE EXCAVATION	204.25	16
				-	-	260	260	m³	GRANULAR BACKFILL FOR STRUCTURES	204.30	6
				-	-	18500	18500	m²	COLD PLANING - BITUMINOUS PAVEMENT	210.10	505
				-	-	3500	3500	t	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	187
				-	-	30	30	m³	AGGREGATE SURFACE COURSE	401.10	1.1
				-	-	10	10	t	AGREGATE SHOULDERS	402.12	EST.
				-	-	35	35	t	AGGREGATE SHOULDERS (MOD.)	402.12	3
				-	-	4750	4750	kg	EMULSIFIED ASPHALT	404.65	193
				-	-	1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	-
				-	-	6900	6900	t	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	490.30	291
				-	-	7	7	m³	CONCRETE, CLASS B	501.25	0.9
				-	-	620	620	kg	REINFORCING STEEL	507.15	10
				-	-	40	40	m²	CONCRETE BIN-TYPE RETAINING WALL (MOD.)	526.20	2.9
				-	-	10	10	EA	CHANGE ELEVATION OF DI, CB OR MH	604.40	-
				-	-	21	21	EA	REHABING DI, CB, OR MH, CLASS I	604.412	-
				-	-	10	10	HR	POWER GRADER RENTAL	608.15	EST.
				-	-	25	25	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
				-	-	10	10	HR	POWER BROOM RENTAL	608.30	EST.
				-	-	100	100	HR	POWER BROOM RENTAL , TYPE II	608.31	EST.
				-	-	25	25	HR	TRUCK RENTAL	608.37	EST.
				-	-	4000	4000	m³	DUST CONTROL WITH WATER	609.10	EST.
				-	5	-	5	m³	STONE FILL, TYPE I (MOD. - CHECK DAM)	613.10	-
				-	10	-	10	m³	STONE FILL, TYPE I (MOD. - INLET PROTECTION)	613.10	-
				-	-	1200	1200	m	CAST-IN-PLACE CONCRETE CURB, TYPE B (MOD.)	616.28	29.9

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SAND BORROW
110	m³	RIVER ROAD
50	m³	HILLSIDE STREET
10	m³	ROUNDING
170	m³	TOTAL
		COLD PLANING-BITUMINOUS PAVEMENT
16230	m²	VT. ROUTE 67A
1765	m²	SIDE ROADS
505	m²	ROUNDING
18500	m²	TOTAL
		SUBBASE OF CRUSHED GRAVEL (FINE GRADED)
619	t	RIVER ROAD
232	t	HILLSIDE STREET
1185	t	SIDEWALK AND CURB
1277	t	DRIVEWAYS AND PARKING AREAS
187	t	ROUNDING
3500	t	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		(PG 64-28) TYPE IS (BASE COURSE)
1100	t	VT. ROUTE 67A
160	t	RIVER ROAD
50	t	HILLSIDE STREET
200	t	LEVELING
1510	t	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		(PG 64-28) TYPE IIIS (WEARING COURSE)
1950	t	VT. ROUTE 67A
29	t	HILLSIDE STREET
102	t	RIVER ROAD
114	t	DRIVEWAYS AND PARKING AREAS
39	t	WEST ROAD
47	t	PROSPECT STREET
36	t	SAGE STREET
78	t	LINCOLN SQUARE AREA
2395	t	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		(PG 64-28) TYPE IVS (LEVELING COURSE)
2498	t	VT. ROUTE 67A
65	t	RIVER ROAD
20	t	HILLSIDE STREET
24	t	WEST ROAD
28	t	PROSPECT STREET
22	t	SAGE STREET
47	t	LINCOLN SQUARE AREA
2704	t	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		(PG 64-28) SUMMARY
1510	t	TYPE IS (BASE COURSE)
2395	t	TYPE IIIS (WEARING COURSE)
2704	t	TYPE IVS (LEVELING COURSE)
291	t	ROUNDING
6900	t	TOTAL

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(I)S

FILE NAME: /pave/95dl04/pdl04.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pdl04qsl.i

PLOT DATE: 30-AUG-2010 12:29
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 7 OF 151

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

			TRAINING	FULL C.E.	EROSION CONTROL	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
				-	-	180	180	m	TREATED TIMBER CURB	616.35	10
				-	-	160	160	m	REMOVAL OF EXISTING CURB	616.41	2
				-	-	40	40	t	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	0.7
				-	-	10	10	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	-
				-	-	2100	2100	m²	PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm (MOD.)	618.10	11.5
				-	-	32	32	m²	PORTLAND CEMENT CONCRETE SIDEWALK, 200 mm (MOD.)	618.11	1.6
				-	-	17	17	m²	DETECTABLE WARNING SURFACE	618.30	1
				-	-	15	15	EA	YIELDING MARKER POSTS	619.17	-
				-	-	105	105	m	CHAIN-LINK FENCE, 1.2 m	620.11	5
				-	3200	-	3200	m	SNOW FENCE (MOD. - PDF)	620.70	101
				-	-	32	32	m	STEEL BEAM GUARDRAIL (GALVANIZED)	621.20	1.6
				-	-	330	330	m	BOX BEAM GUARDRAIL (GALVANIZED) (2.1 m POSTS)	621.30	7
				-	-	1	1	EA	MANUFACTURED TERMINAL SECTION (FLARED)	621.505	-
				-	-	1	1	EA	MANUFACTURED TERMINAL SECTION (TANGENT)	621.505	-
				-	-	340	340	m	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	9.9
				-	-	24	24	EA	ADJUST ELEVATION OF VALVE BOX	629.20	-
				-	-	4	4	EA	RELOCATE HYDRANT	629.29	-
				-	-	600	600	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
				-	-	2000	2000	HR	FLAGGERS	630.15	EST.
				1	-	-	1	LS	FIELD OFFICE - ENGINEERS	631.10	-
				1	-	-	1	LS	TESTING EQUIPMENT-CONCRETE	631.16	-
				1	-	-	1	LS	TESTING EQUIPMENT-BITUMINOUS	631.17	-
				1	-	-	1	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-
			520	-	-	-	520	HR	EMPLOYEE TRAINEESHIP	634.10	-
				-	-	1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
				-	-	1	1	LS	TRAFFIC CONTROL	641.10	-
				-	-	1	1	LS	PUBLIC RELATIONS OFFICER	641.12	-
				-	-	2	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
				-	-	4200	4200	m	DURABLE 100 mm WHITE LINE (THERMOPLASTIC)	646.40	203
				-	-	4250	4250	m	DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)	646.41	218

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(1)S

FILE NAME: /pave/95d104/pd104.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pd104qs2.1

PLOT DATE: 30-AUG-2010 12:29
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 8 OF 151

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 3

VAOT Metric

SUMMARY OF ESTIMATED QUANTITIES

				FULL C.E.	EROSION CONTROL	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
				-	-	175	175	m	DURABLE 200 mm WHITE LINE (THERMOPLASTIC)	646.42	6
				-	-	30	30	m	DURABLE 600 mm STOP BAR (THERMOPLASTIC)	646.46	3.3
				-	-	29	29	EA	DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	646.50	-
				-	-	125	125	m	DURABLE CROSSWALK MARKINGS W/DIAGONAL LINES (THERMOPLASTIC) (MOD.)	646.51	4
				-	-	8400	8400	m	TEMPORARY 100 mm WHITE LINE (PAINT)	646.60	405
				-	-	8500	8500	m	TEMPORARY 100 mm YELLOW LINE (PAINT)	646.61	436
				-	-	60	60	m	TEMPORARY 600 mm STOP BAR (PAINT)	646.66	6.6
				-	-	58	58	EA	TEMPORARY LETTER OR SYMBOL (PAINT)	646.70	-
				-	-	250	250	m	TEMPORARY CROSSWALK MARKINGS W/DIAGONAL LINES (PAINT) (MOD.)	646.71	8
				-	-	650	650	EA	LINE STRIPING TARGETS	646.76	29
				-	2400	-	2400	m²	GEOTEXTILE FOR SILT FENCE	649.51	110
				-	-	40	40	kg	SEED	651.15	EST.
				-	-	250	250	kg	FERTILIZER	651.18	EST.
				-	-	2	2	t	AGRICULTURAL LIMESTONE	651.20	EST.
				-	-	2	2	t	HAY MULCH	651.25	EST.
				-	-	430	430	m³	TOPSOIL	651.35	16
				-	1	-	1	LS	EROSION PREVENTION & SEDIMENT CONTROL PLAN	652.10	-
				-	120	-	120	HR	MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN	652.20	EST.
				-	1	-	1	LU	MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN (N.A.B.I.)	652.30	
				-	10	-	10	m²	EROSION MATTING	654.10	-
				-	-	19	19	m²	TRAFFIC SIGNS, TYPE A	675.20	0.94
									BEGIN SIGN POST OPTION ITEMS		
				-	-	154	154	m	FLANGED CHANNEL SIGN POST	675.301	6.8
				-	-	154	154	m	SQUARE TUBE SIGN POSTS AND ANCHOR	675.341	6.8
									END SIGN POST OPTION ITEMS		
				-	-	46	46	EA	REMOVING SIGNS	675.50	-
				-	-	11	11	EA	ERECTING SALVAGED SIGNS	675.60	-
				-	-	1	1	LU	PRICE ADJUSTMENT - FUEL (N.A.B.I.)	690.50	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(1)S

FILE NAME: /pave/95d104/pd104.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pd104qs3.1

PLOT DATE: 30-AUG-2010 12:29
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 9 OF 151

ITEM DETAIL SUMMARY SHEET 1

VAOT Metric

LOCATION			GUARDRAIL (GALVANIZED)							MISCELLANEOUS														REMARKS
STATION	STATION	POS.	616.35 TREATED TIMBER CURB m	621.20 STEEL BEAM G.R. m	621.30 BOX BEAM GUARDRAIL W/2.1 m POST (MOD.) (GALVANIZED) m	621.505 MANUF. TERM. SECTION (TANGENT) EA	621.505 MANUF. TERM. SECTION (FLARED) EA	621.60 ANCHOR FOR G.R. EA	621.80 REMOVE & DISP. G.R. m	203.17 UNCLASS. EXCAVAT. m^3	204.30 GRANULAR BACKFILL FOR STR. m^3	301.28 SUBBASE OF CRUSHED GRAVEL t	501.25 CONCRETE CLASS B m^3	507.15 REIN-FORCING STEEL kg	526.20 CONC. BIN-TYPE RET. WALL m^2	604.40 CHANGE ELEV OF DI, CB OR MH EA	604.412 REHAB DI, CB OR MH CLASS I EA	616.28 CAST IN PLACE PCC CURB TYPE B m	616.41 REMOVAL OF EXIST. CURB m	618.10 P.C.C. SIDEWALK 125mm m^2	618.11 P.C.C. SIDEWALK 200mm m^2	618.30 DETECT WARNING SURFACE m^2	620.11 CHAIN-LINK FENCE m	
VT. ROUTE 67A																								
3+434.5	3+476.3	RT		30.4			1		3.5															INSTALL NEW MANUFACTURED TERMINAL END SECTION (FLARED) BETWEEN STA. 3+464.9 - STA. 3+476.3.
3+434.6	3+449.8	LT				1			3.6															INSTALL NEW MANUFACTURED TERMINAL END SECTION (TANGENT) BETWEEN STA. 3+434.6 - STA. 3+449.8.
3+434.340	3+471.6	LT										24.1								65.9		3.4		CONSTRUCT SIDEWALK RAMP TYPE I AT STA. 3+469.3.
3+490.9	3+560.0	LT										35.4								95.3		0.9		CONSTRUCT SIDEWALK RAMP TYPE I AT STA. 3+491.2.
3+491.5	3+560.0	LT										29.7						77.3						
3+506.0	3+510.5	LT									4		6.1	610										CONSTRUCT NEW VERTICAL CANTILEVER RETAINING WALL. SEE SHEET 89 FOR DETAILS.
3+555.4		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
3+560.0	3+720.0	LT										97.1								244.8				
3+560.0	3+565.7	LT										1.7						5.7						
3+570.6	3+581.1	LT										3.2						10.5						
3+588.9	3+630.5	LT										12.7						41.6						
3+606.1		RT															1							INSTALL NEW MANHOLE COVER.
3+607.4		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
3+617.0	3+720.0	RT																	103.0					
3+634.7	3+692.9	LT										17.9						58.8						
3+667.0		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
3+698.1	3+720.0	LT										6.7						21.9						
3+720.0	3+754.3	LT										10.5						34.3						
3+720.0	3+768.0	LT										28.6								72.1		0.9		CONSTRUCT SIDEWALK RAMP TYPE I AT STA. 3+768.0.
3+720.0	3+775.0	RT																	55.0					
3+735.0		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
3+761.6	3+765.4	LT										1.2						3.8						
3+778.5	3+848.4	LT										42.4								106.9		1.8		CONSTRUCT SIDEWALK RAMP TYPE I AT STA. 3+778.5 AND STA. 3+848.4.
3+780.1	3+817.3	LT										11.3						37.2						
3+821.5	3+846.7	LT										7.7						25.2						
3+860.2	3+880.0	LT										12.0								30.3		0.9		CONSTRUCT SIDEWALK RAMP TYPE I AT STA. 3+860.2.
3+861.9	3+880.0	LT										5.5						18.1						
3+880.0	3+891.6	LT										3.5						11.6						
3+882.9		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
3+880.0	3+946.4	LT										40.3								101.6				
3+899.8	3+951.0	LT										15.6						51.2						
3+946.4	3+966.3	LT										12.1									30.4			
3+961.5	3+986.7	LT										7.7						25.2						
3+966.3	4+040.0	LT																		112.8				
SHEET SUBTOTAL				30.4		1	1		7.1		4	426.9	6.1	610			6	422.4	158.0	829.7	30.4	7.9		

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

ITEM DETAIL SUMMARY SHEET #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd1041ds1.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 10 OF 151 SHEETS

ITEM DETAIL SUMMARY SHEET 2

VAOT Metric

LOCATION			GUARDRAIL (GALVANIZED)							MISCELLANEOUS														REMARKS
			616.35	621.20	621.30	621.505	621.505	621.60	621.80	203.17	204.30	301.28	501.25	507.15	526.20	604.40	604.412	616.28	616.41	618.10	618.11	618.30	620.11	
STATION	STATION	POS.	TREATED TIMBER CURB	STEEL BEAM G.R.	BOX BEAM GUARDRAIL W/2.1 m POST (MOD.) (GALVANIZED)	MANUF. TERM. SECTION (TANGENT)	MANUF. TERM. SECTION (FLARED)	ANCHOR FOR G.R.	REMOVE & DISP. G.R.	UNCLASS. EXCAVAT.	GRANULAR BACKFILL FOR STR.	SUBBASE OF CRUSHED GRAVEL	CONCRETE CLASS B	REIN-FORCING STEEL	CONC. BIN-TYPE RET. WALL	CHANGE ELEV OF DI, CB OR MH	REHAB DI, CB OR MH CLASS I	CAST IN PLACE PCC CURB TYPE B	REMOVAL OF EXIST. CURB	P.C.C. SIDEWALK 125mm	P.C.C. SIDEWALK 200mm	DETECT WARNING SURFACE	CHAIN-LINK FENCE	
			m	m	m	EA	EA	EA	m	m^3	m^3	t	m^3	kg	m^2	EA	EA	m	m	m^2	m^2	m^2	m	
VT. ROUTE 67A																								
3+994.4	4+040.0	LT										13.9						45.6						
4+005.4		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+017.8		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+028.2		LT														1								
4+028.3		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+040.0	4+187.2	LT										89.3								225.2				
4+040.9	4+059.3	LT										5.6						18.4						
4+050.4		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+050.5		LT														1								
4+069.1	4+086.7	LT										5.4						17.6						
4+091.8	4+122.8	LT										9.4						31.0						
4+095.6		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+122.9		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+127.3	4+134.6	LT										2.2						7.3						
4+139.4	4+180.9	LT										12.6						41.5						
4+142.3		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+185.5	4+187.2	LT										0.5						1.7						
4+194.3																	1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+543.4	4+545.8	LT										0.7						2.4						
4+543.4	4+680.0	LT										82.9								209.0				
4+564.9	4+574.2	LT										2.8						9.3						
4+566.3		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+579.2	4+680.0	LT										30.7						100.8						
4+591.3		LT														1								
4+641.4		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+668.5		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+680.0	4+840.0	LT										97.1								244.8				
4+680.0	4+733.8	LT										16.4						53.8						
4+699.0		LT														1								
4+836.0	5+159.0	RT	170		323				323															INSTALL TYPE II END ASSEMBLIES AT BOTH ENDS OF BOX BEAM RAIL. SEE SHEET 114 FOR REDUCED BOX BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL. INSTALL A DOUBLE HEIGHT ROW OF TIMBER CURB AS DIRECTED BY THE RESIDENT ENGINEER.
4+741.0	4+840.0	LT										30.2						99.0						
SHEET SUBTOTAL			170		323				323			399.7				4	11	428.4		679.0				

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

ITEM DETAIL SUMMARY SHEET #2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ids2.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 11 OF 151 SHEETS

ITEM DETAIL SUMMARY SHEET 3

VAOT Metric

LOCATION			GUARDRAIL (GALVANIZED)							MISCELLANEOUS														REMARKS
			616.35	621.20	621.30	621.505	621.505	621.60	621.80	203.17	204.30	301.28	501.25	507.15	526.20	604.40	604.412	616.28	616.41	618.10	618.11	618.30	620.11	
STATION	STATION	POS.	TREATED TIMBER CURB	STEEL BEAM G.R.	BOX BEAM GUARDRAIL W/2.1 m POST (MOD.) (GALVANIZED)	MANUF. TERM. SECTION (TANGENT)	MANUF. TERM. SECTION (FLARED)	ANCHOR FOR G.R.	REMOVE & DISP. G.R.	UNCLASS. EXCAVAT.	GRANULAR BACKFILL FOR STR.	SUBBASE OF CRUSHED GRAVEL	CONCRETE CLASS B	REIN-FORCING STEEL	CONC. BIN-TYPE RET. WALL	CHANGE ELEV OF DI, CB OR MH	REHAB DI, CB OR MH CLASS I	CAST IN PLACE PCC CURB TYPE B	REMOVAL OF EXIST. CURB	P.C.C. SIDEWALK 125mm	P.C.C. SIDEWALK 200mm	DETECT WARNING SURFACE	CHAIN-LINK FENCE	
			m	m	m	EA	EA	EA	m	m^3	m^3	t	m^3	kg	m^2	EA	EA	m	m	m^2	m^2	m^2	m	
VT. ROUTE 67A																								
4+840.0	4+990.0	LT										92.1								232.5				
4+840.0	4+922.3	LT										25.1						82.3						
4+850.1		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+930.0	4+943.5	LT										4.1						13.5						
4+955.8	4+990.0	LT										10.4						34.2						
4+964.1		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
4+980.0	5+080.0	LT									250				37.1								100	CONSTRUCT NEW CONCRETE BIN-TYPE RETAINING WALL, SEE SHEETS 90 AND 91 FOR DETAILS. INSTALL NEW 1.2m HIGH CHAIN-LINK FENCE ALONG TOP OF PROPOSED CONCRETE BIN-TYPE RETAINING WALL.
4+990.0	5+160.0	LT										112.5								287.1				
4+990.0	5+081.4	LT										27.9						91.4						
5+020.9		LT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
5+060.6		RT															1							INSTALL NEW FRAME WITH TYPE D GRATE.
5+086.2	5+118.4	LT										9.8						32.2						
5+122.6	5+160.0	LT										11.4						37.4						
5+160.0	5+171.8	LT										11.0								31.0		0.9		CONSTRUCT SIDEWALK RAMP TYPE 6 AT STA. 5+171.0.
5+160.0	5+171.8	LT										6.7						22.1						
5+188.0		RT								2.6		3.5						1.5		6.8		0.9		CONSTRUCT NEW SIDEWALK RAMP TYPE 6.
5+189.5		LT														1								
5+191.0		RT														1								
5+191.1		LT																				0.9		
5+192.4		LT																				0.9		
5+194.2		RT																				0.9		
5+196.0		RT																				0.9		
5+196.3		RT														1								
5+197.0		RT																				0.9		
5+198.7		LT														1								
5+199.0		RT														1								
5+198.7		LT														1								
5+230.5		RT								2.5		3.2						2.5		7.1		0.9		CONSTRUCT NEW SIDEWALK RAMP TYPE 1.
5+242.7		RT								5.0		5.9						2.2		15.3		0.9		CONSTRUCT NEW SIDEWALK RAMP TYPE 6.
SHEET SUBTOTAL			-	-	-	-	-		-	10.1	250	323.6	-	-	37.1	6	4	319.3	-	579.8	-	8.1	100	
SHEET 10 SUBTOTAL			-	30.4	-	1	1		7.1	-	4	426.9	6.1	610	-	-	6	422.4	158.0	829.7	30.4	7.9	-	
SHEET 11 SUBTOTAL			170	-	323	-	-		323	-	-	399.7	-	-	-	4	11	428.4	-	679.0	-	-	-	
ROUNDING			10	1.6	7	-	-		9.9	0.9	6	49.8	0.9	10	2.9	-	-	29.9	2	11.5	1.6	1	5	
TOTAL			180	32	330	1	1		340	11.0	260	1200	7	620	40	10	21	1200	160	2100	32	17	105	

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

ITEM DETAIL SUMMARY SHEET #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104ds3.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 12 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS 1

VAOT Metric

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
VT. ROUTE 67A				0.0					
3+434.340		0.0			0	0.0			
	5.6		3	0.0			0		
3+440		1.0			0	0.0			
	20		75	0.0			55		
3+460		6.5			0	5.5			
	20		80	0.0			55		
3+480		1.5			0	0.0			
	20		30	0.0			0		
3+500		1.5			0	0.0			
	20		40	0.0			0		
3+520		2.5			0	0.0			
	20		45	0.0			0	C	368
3+540		2.0			0	0.0		FAC	1.00
	20		35	0.0			0	F	110
3+560		1.5			0	0.0		FAC	1.15
	20		25	0.0			0	EXC	241
3+580		1.0			0	0.0			
	20		35	0.0			0		
3+600		2.5			0	0.0			
	20		35	0.0			0		
3+620		1.0			0	0.0			
	20		20	0.0			0		
3+640		1.0			0	0.0			
	20		25	0.0			0		
3+660		1.5			0	0.0			
	20		30	0.0			0		
3+680		1.5			0	0.0			
	20		35	0.0			0		
3+700		2.0			0	0.0			
	20		40	0.0			0	C	360
3+720		2.0			0	0.0		FAC	1.00
	20		40	0.0			0	EXC	360
3+740		2.0			0	0.0			
	20		45	0.0			0		
3+760		2.5			0	0.0			
	20		45	0.0			0		
3+780		2.0			0	0.0			
	20		45	0.0			0		
3+800		2.5			0	0.0			
	20		40	0.0			0		
3+820		1.5			0	0.0			
	20		25	0.0			5		
3+840		1.0			0	0.5			
	20		30	0.0			5		
3+860		2.0			0	0.0			
	20		30	0.0			0		
3+880		1.0			0	0.0			
	20		20	0.0			0		
3+900		1.0			0	0.0			
				0.0					
COLUMN FOOTING			873		0		120		

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
3+900		1.0		0.0		0.0			
	20		20		0		0		
3+920		1.0		0.0		0.0			
	20		25		0		0		
3+940		1.5		0.0		0.0			
	20		30		0		0	C	260
3+960		1.5		0.0		0.0		FAC	1.00
	20		25		0		0	F	10
3+980		1.0		0.0		0.0		FAC	1.15
	20		15		0		0	EXC	248
4+000		0.5		0.0		0.0			
	20		20		0		0		
4+020		1.5		0.0		0.0			
	20		30		0		0		
4+040		1.5		0.0		0.0			
	20		30		0		0		
4+060		1.5		0.0		0.0			
	20		25		0		0		
4+080		1.0		0.0		0.0			
	20		20		0		10		
4+100		1.0		0.0		1.0			
	20		20		0		10		
4+120		1.0		0.0		0.0			
	20		20		0		0		
4+140		1.0		0.0		0.0			
	20		20		0		5	C	220
4+160		1.0		0.0		0.5		FAC	1.00
	20		20		0		5	F	30
4+180		1.0		0.0		0.0		FAC	1.15
	20		15		0		0	EXC	185
4+200		0.5		0.0		0.0			
	20		10		0		0		
4+220		0.5		0.0		0.0			
	20		10		0		0		
4+240		0.5		0.0		0.0			
	20		10		0		0		
4+260		0.5		0.0		0.0			
	20		10		0		0		
4+280		0.5		0.0		0.0			
	20		10		0		0		
4+300		0.5		0.0		0.0			
	20		20		0		0		
4+320		1.5		0.0		0.0			
	20		20		0		0	C	125
4+340		0.5		0.0		0.0		FAC	1.00
	20		10		0		0	EXC	125
4+360		0.5		0.0		0.0			
	20		10		0		0		
4+380		0.5		0.0		0.0			
	20		15		0		0		
4+400		1.0		0.0		0.0			
COLUMN FOOTING			460		0		30		

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
4+400		1.0		0.0		0.0			
	20		15		0		0		
4+420		0.5		0.0		0.0			
	20		10		0		0		
4+440		0.5		0.0		0.0			
	20		10		0		0		
4+460		0.5		0.0		0.0			
	20		10		0		0		
4+480		0.5		0.0		0.0			
	20		10		0		0		
4+500		0.5		0.0		0.0			
	20		10		0		0		
4+520		0.5		0.0		0.0			
	20		10		0		0		
4+540		0.5		0.0		0.0			
	20		20		0		0		
4+560		1.5		0.0		0.0		C	150
	20		30		0		0	FAC	1.00
4+580		1.5		0.0		0.0		EXC	150
	20		25		0		0		
4+600		1.0		0.0		0.0			
	20		20		0		0		
4+620		1.0		0.0		0.0			
	20		25		0		0		
4+640		1.5		0.0		0.0			
	20		25		0		0		
4+660		1.0		0.0		0.0			
	20		25		0		0		
4+680		1.5		0.0		0.0			
	20		25		0		0		
4+700		1.0		0.0		0.0			
	20		20		0		0		
4+720		1.0		0.0		0.0			
	20		35		0		0		
4+740		2.5		0.0		0.0			
	20		65		0		0		
4+760		4.0		0.0		0.0		C	385
	20		75		0		0	FAC	1.0
4+780		3.5		0.0		0.0		EXC	385
	20		70		0		0		
4+800		3.5		0.0		0.0			
	20		70		0		0		
4+820		3.5		0.0		0.0			
	20		45		0		0		
4+840		1.0		0.0		0.0			
	20		20		0		0		
4+860		1.0		0.0		0.0			
	20		20		0		0		
4+880		1.0		0.0		0.0			
	20		15		0		0		
4+900		0.5		0.0		0.0			
COLUMN FOOTING			705		0		0		

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
4+900		0.5		0.0		0.0			
	20		15		0		0		
4+920		1.0		0.0		0.0			
	20		20		0		0		
4+940		1.0		0.0		0.0		C	390
	20		25		0		0	FAC	1.00
4+960		1.5		0.0		0.0		R	101
	20		55		28		10	FAC	1.30
4+980		4.0		2.8		1.0		F	20
	20		105		73		10	FAC	1.15
5+000		6.5		4.5		0.0		EXC	417
	20		135		78		5		
5+020		7.0		3.3		0.5			
	20		145		49		15		
5+040		7.5		2.4		1.0			
	20		150		26		15		
5+060		7.5		1.0		0.5			
	20		125		20		10		
5+080		5.0		1.0		0.5		C	695
	20		60		10		10	FAC	1.00
5+100		1.0		0.0		0.5		R	183
	20		30		0		10	FAC	1.30
5+120		2.0		0.0		0.5		F	80
	20		30		0		10	FAC	1.15
5+140		1.0		0.0		0.5		EXC	694
	20		20		0		5		
5+160		1.0		0.0		0.0			
	20		0		0		0		
5+180		0.0		0.0		0.0			
	20		0		0		0		
5+200		0.0		0.0		0.0			
	20		0		0		0		
5+220		0.0		0.0		0.0			
	20		0		0		0		
5+240		0.0		0.0		0.0			
	20		0		0		0		
5+260		0.0		0.0		0.0			
	20		0		0		0		
5+280		0.0		0.0		0.0			
	20		0		0		0		
5+300		0.0		0.0		0.0			
	20		0		0		0		
5+320		0.0		0.0		0.0			
	18.2		0		0		0		
5+338.194		0.0		0.0		0.0			
COLUMN FOOTING			915		284		100		

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(I)S

FILE NAME: /pave/95dI04/pdI04.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pdI04ewsI.I

PLOT DATE:30-AUG-2010 I2:30
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET I3 OF I5I

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS 2

VAOT Metric

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
RIVER ROAD									
RI+000		0.0		0.0		0.0			
	20		150		0		60		
RI+020		15.0		0.0		6.0		C	590
	20		275		0		100	FAC	1.00
RI+040		12.5		0.0		4.0		F	200
	20		165		0		40	FAC	1.15
RI+060		4.0		0.0		0.0		EXC	360
HILLSIDE STREET									
HI+000		0.0		0.0		0.0			
	20		90		0		0	C	390
HI+020		9.0		0.0		0.0		FAC	1.00
	20		175		0		0	EXC	390
HI+040		8.5		0.0		0.0			
	20		125		0		0		
HI+060		4.0		0.0		0.0			
COLUMN FOOTING			980		0		200		

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
COLUMN FOOTING									

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
COLUMN FOOTING									

STATION km + m	DIST m	TOTAL EXCAVATION AREA m^2	TOTAL EXCAVATION VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
COLUMN FOOTING									

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(I)S

FILE NAME: /pave/95dl04/pdl04.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pdl04ews2.I

PLOT DATE:30-AUG-2010 12:30
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 14 OF 151

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS SUMMARY

VAOT Metric

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOTAL EXC. m³	ROCK EXCAVATION m³	EMBANKMENT m³	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL		
VT. ROUTE 67A										
3+464.340	3+600	368	0	110	241		241			
3+600	3+800	360	0	0	360		601			
3+800	4+000	260	0	10	248		849			
4+000	4+200	220	0	30	185		1034			
4+200	4+400	125	0	0	125		1159			
4+400	4+600	150	0	0	150		1309			
4+600	4+800	385	0	0	385		1694			
4+800	5+000	390	101	20	417		211			
5+000	5+338.194	695	183	80	694		2805			
RIVER ROAD										
1+000	1+060	590	0	200	360		3165			
HILLSIDE STREET										
1+000	1+060	390	0	0	390		3555			

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOTAL EXC. EARTH+ROCK m³	ROCK EXCAVATION m³	EMBANKMENT m³	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL		

✳ THE TOTAL EARTH EXCAVATION VOLUME AVAILABLE FOR FILL WAS CALCULATED ASSUMING 50% OF THE MATERIAL WOULD BE UNUSABLE.

SUMMARY AND BALANCES

SHEET NO.	COL NO.	TOTAL EXC. m³	ROCK EXC. m³	FILL m³				
13	1	873	0	120				
13	2	460	0	30				
13	3	705	0	0				
13	4	915	284	100				
14	1	980	0	200				
TOTAL		3933	284	450				

REMARKS

EARTH AND ROCK EXCAVATION	3933 m³
SOLID ROCK EXCAVATION	284 m³
TOTAL SOLID ROACK AVAILABLE FOR FILL	284 m³
TOTAL EARTH EXCAVATION	3649 m³
PLANIMETERED FILL	450 m³
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	517 m³
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION (3649 x 0.50) ✳	1825 m³
SOLID ROCK	284 m³
TOTAL MATERIAL AVAILABLE FOR FILL	2109 m³
TOTAL FILL INCLUDING FACTOR	517 m³
TOTAL MATERIAL FOR FILL	2109 m³
BORROW	0
EXCESS EXCAVATION	1592 m³

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(I)S

FILE NAME: /pave/95dl04/pdl04.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pdl04ews3.1

PLOT DATE:30-AUG-2010 12:30
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 15 OF 151

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

VAOT Metric

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	DWG. NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	APPLEJACK WAREHOUSE MANAGEMENT, LLC	21	3+434.340 LT	3+453.371LT			CONST(T)						57 m² (614 S.F.)
			3+434.340 LT	3+445.765 LT			SR(T)						6 m² (65 S.F.)
			3+500.761 RT	3+505.564 RT			CONST(T)						8 m² (86 S.F.)
			3+540.000 RT	3+595.000 RT			CONST(T)						91 m² (980 S.F.)
2	GREEN MOUNTAIN BAPTIST ASSOCIATION	21	R1+015.558 RT	3+505.979 LT			CONST(P)						70 m² (753 S.F.)
			3+505.979 LT	3+532.925 LT			CONST(T)						87 m² (936 S.F.)
			3+511.499 LT	3+532.266 LT			SR(P)						29 m² (312 S.F.)
3	GRATTON, ROBERT, SHARON & RUTH	21, 22	3+531.893 LT	3+560.670 LT			SR(P)						18 m² (194 S.F.)
			3+532.266 LT	3+564.670 LT			CONST(T)						85 m² (915 S.F.)
			3+569.653 LT	3+581.165 LT			CONST(T)						13 m² (140 S.F.)
			3+588.347 LT	3+593.769 LT			CONST(T)						12 m² (129 S.F.)
4	DOTSON, WILLIAM & HOBBS, NANCY	22	3+593.769 LT	3+630.352 LT			CONST(T)						80 m² (861 S.F.)
			3+633.670 LT	3+656.114 LT			CONST(T)						52 m² (560 S.F.)
5	HENDEE, JOANNE	22,23	3+656.076 LT	3+694.626 LT			CONST(T)						89 m² (958 S.F.)
			3+698.300 LT	3+734.990 LT			CONST(T)						46 m² (495 S.F.)

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

DR. (P) - DRAINAGE RIGHT
DIT. (P) - DITCHING RIGHT
CH. (P) - CHANNEL RIGHT
DRIVE (T) - DRIVE RIGHT
CUL. (P) - CULVERT RIGHT
[W] - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
P / L TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
CZ (P) CLEAR ZONE
CONST(T) CONSTRUCTION EASEMENT
SR SR SLOPE RIGHTS
P / L PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED: _____ DATE: _____
DIRECTOR OF PROGRAM DEVELOPMENT

R.O.W. PLANS

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04rowl.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 16 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

VAOT Metric

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	DWG. NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
7	NATIONAL HANGER CO., INC.	25, 26 27, 28 29, 30 31	4+110.798 RT	4+199.928 RT			CONST(T)						155 m² (1669 S.F.)
			4+098.519 RT	4+105.868 RT			SR(T)						1 m² (11 S.F.)
			4+563.846 LT	4+574.351 LT			CONST(T)						23 m² (248 S.F.)
			4+578.402 LT	4+692.614 LT			CONST(T)						310 m² (3337 S.F.)
			4+582.069 RT	4+643.723 RT			CONST(T)						74 m² (797 S.F.)
			4+678.275 RT	4+682.771 RT			CONST(T)						14 m² (151 S.F.)
			4+649.797 LT	4+672.943 LT			SR(T)						7 m² (75 S.F.)
			4+725.459 RT	4+766.181 RT			DRIVE(T)						76 m² (818 S.F.)
			4+771.636 RT	4+834.791 RT			DRIVE(T)						86 m² (926 S.F.)
8	CORCORAN, MARY	23	3+775.027 LT	3+789.558 LT			CONST(T)						28 m² (301 S.F.)
9	CORCORAN, DANIEL	23	3+789.317 LT	3+804.956 LT			CONST(T)						20 m² (215 S.F.)
10	REVETT, ARNOLD & MARGARET	23	3+804.741 LT	3+817.463 LT			CONST(T)						22 m² (237 S.F.)

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

DR. (P) - DRAINAGE RIGHT
DIT. (P) - DITCHING RIGHT
CH. (P) - CHANNEL RIGHT
DRIVE (T) - DRIVE RIGHT
CUL. (P) - CULVERT RIGHT
[W] - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND

CZ (P) — CLEAR ZONE
CONST(T) — CONSTRUCTION EASEMENT
SR SR — SLOPE RIGHTS
P / L — PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED: _____ DATE: _____
DIRECTOR OF PROGRAM DEVELOPMENT

R.O.W. PLANS

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104row2.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 17 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

VAOT Metric

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	DWG. NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
II	WOODARD, DEBORAH	23	3+820.421 LT	3+851.732 LT			CONST(T)						82 m² (883 S.F.)
I2	CARTER, GEORGIANNA	23	3+857.081 LT	3+876.701 LT			CONST(T)						51 m² (549 S.F.)
I3	COLE, RICHARD & ELIZABETH	23,24	3+876.439 LT	3+892.123 LT			CONST(T)						38 m² (409 S.F.)
			3+891.941 LT	3+899.141 LT			DRIVE(T)						3 m² (32 S.F.)
			3+898.767 LT	3+916.183 LT			CONST(T)						25 m² (269 S.F.)
I4	SHEWELL, THOMAS & DARLENE	24	3+916.055 LT	3+948.644 LT			CONST(T)						61 m² (657 S.F.)
			3+937.157 LT	3+956.343 LT			DRIVE (T)						53 m² (570 S.F.)
			3+938.059 LT	3+956.343 LT			CONST(T)						62 m² (667 S.F.)
I5	BUELL, ARTHUR & WHITMAN, GAIL	24	3+956.282 LT	3+968.062 LT			SR(T)						11 m² (118 S.F.)
			3+956.330 LT	3+986.696 LT			CONST(T)						78 m² (840 S.F.)
			3+992.503 LT	4+018.154 LT			CONST(T)						83 m² (893 S.F.)
			3+996.024 LT	4+018.154 LT			SR(T)						5 m² (54 S.F.)
I6	ALLEN, RAYMOND JR.	24, 25	4+040.570 LT	4+058.806 LT			CONST(T)						36 m² (388 S.F.)
I7	VAN ORMAN, JOHN S.	25	4+063.017 LT	4+067.563 LT			CONST(T)						9 m² (97 S.F.)
			4+069.711 LT	4+086.444 LT			CONST(T)						21 m² (226 S.F.)
			4+089.741 LT	4+094.431 LT			CONST(T)						14 m² (151 S.F.)
			4+092.337 LT	4+094.487 LT			SR(T)						1 m² (11 S.F.)
I8	GATES, TERRY L.	25	4+094.007 LT	4+122.433 LT			CONST(T)						95 m² (1023 S.F.)
			4+094.431 LT	4+110.930 LT			SR(T)						8 m² (86 S.F.)
			4+126.117 LT	4+129.965 LT			CONST(T)						10 m² (108 S.F.)

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

DR. (P) - DRAINAGE RIGHT
DIT. (P) - DITCHING RIGHT
CH. (P) - CHANNEL RIGHT
DRIVE (T) - DRIVE RIGHT
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[W] - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
CZ (P) CLEAR ZONE
CONST(T) CONSTRUCTION EASEMENT
SR SR SLOPE RIGHTS
P/L PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED:_____ DATE:_____
DIRECTOR OF PROGRAM DEVELOPMENT

R.O.W. PLANS

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104row3.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 18 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

VAOT Metric

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	DWG. NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
19	CUTLER, EDWARD & MARLENE	25	4+129.965 LT	4+134.688 LT			CONST(T)						11 m² (118 S.F.)
			4+138.636 LT	4+176.174 LT			CONST(T)						89 m² (960 S.F.)
20	NORTH BENNINGTON INDUSTRIAL BUILDING, INC.	25, 26 27, 28 29	4+176.140 LT	4+180.984 LT			CONST(T)						13 m² (140 S.F.)
			4+191.897 LT	4+196.637 LT			CONST(T)						10 m² (108 S.F.)
21	OHMAN, JOHN R.	30, 31	4+692.614 LT	4+733.872 LT			CONST(T)						100 m² (1076 S.F.)
			4+741.997 LT	4+844.604 LT			CONST(T)						224 m² (2411 S.F.)
			4+844.604 LT	4+854.603 LT			DR(P)						150 m² (1615 S.F.)
			4+854.603 LT	4+887.017 LT			CONST(T)						80 m² (861 S.F.)
22	FOSTER, ROBERT & SUSAN	30, 31	4+886.713 LT	4+922.979 LT			CONST(T)						81 m² (872 S.F.)
			4+929.392 LT	4+943.196 LT			CONST(T)						20 m² (215 S.F.)
			4+955.405 LT	5+012.265 LT			CONST(T)						185 m² (1991 S.F.)
			4+972.470 LT	5+011.519 LT			SR(T)						83 m² (893 S.F.)
			5+001.607 LT	5+011.519 LT			CONST(P)						2 m² (22 S.F.)
23	HEDDING, JOYCE	31	5+011.519 LT	5+059.710 LT			CONST(T)						243 m² (2616 S.F.)
			5+059.710 LT	5+073.254 LT			DRIVE(T)						38 m² (409 S.F.) PRESCRIPTIVE DRIVE RIGHTS
			5+011.281 LT	5+074.170 LT			SR(T)						157 m² (1690 S.F.)
			5+011.377 LT	5+068.799 LT			CONST(P)						40 m² (431 S.F.)

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

DR. (P) - DRAINAGE RIGHT
DIT. (P) - DITCHING RIGHT
CH. (P) - CHANNEL RIGHT
DRIVE (T) - DRIVE RIGHT
CUL. (P) - CULVERT RIGHT
[W] - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
CZ (P) — CLEAR ZONE
CONST(T) — CONSTRUCTION EASEMENT
SR SR — SLOPE RIGHTS
P / L — PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED: _____ DATE: _____
DIRECTOR OF PROGRAM DEVELOPMENT

R.O.W. PLANS

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104row4.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 19 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

VAOT Metric

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	DWG. NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
24	CAREY, JAMES M. & CAREY AMY K.	31	5+083.594 LT	5+093.493 LT			CONST(T)						25 m² (269 S.F.)
			5+073.032 LT	5+085.151 LT			DRIVE(T)						24 m² (258 S.F.)
			5+083.890 LT	5+089.225 LT			SR(T)						4 m² (43 S.F.)
25	CROSS, PETER & PAULA	31	5+093.437 LT	5+117.992 LT			CONST(T)						34 m² (366 S.F.)
26	BOUDREAU, MARK & LAURA	31	5+122.498 LT	5+133.425 LT			CONST(T)						24 m² (258 S.F.)
27	HAVILANDS PRIVILEGE CONDOMINIUM BY HANKS REALTY COMPANY	31	5+079.237 RT	5+141.176 RT			CONST(T)						88 m² (947 S.F.)
28	BENNINGTON COUNTY INDUSTRIAL CORPORATION	22, 23 24, 25	3+612.980 RT	3+684.858 RT			CONST(T)						125 m² (1345 S.F.)
			3+783.072 RT	3+792.194 RT			CONST(T)						17 m² (183 S.F.)
			3+800.889 RT	3+851.886 RT			CONST(T)						133 m² (1432 S.F.)
			3+832.415 RT	3+849.870 RT			SR(T)						10 m² (108 S.F.)
			3+861.082 RT	3+998.244 RT			CONST(T)						133 m² (1432 S.F.)
			4+054.577 RT	4+111.044 RT			CONST(T)						122 m² (1313 S.F.)

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

DR. (P) - DRAINAGE RIGHT
DIT. (P) - DITCHING RIGHT
CH. (P) - CHANNEL RIGHT
DRIVE (T) - DRIVE RIGHT
CUL. (P) - CULVERT RIGHT
[W] - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND

CZ (P) — CLEAR ZONE
CONST(T) — CONSTRUCTION EASEMENT
SR SR — SLOPE RIGHTS
P / L — PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED: _____ DATE: _____
DIRECTOR OF PROGRAM DEVELOPMENT

R.O.W. PLANS

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04row5.i DATE PLOTTED $DATE$
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 20 OF 151 SHEETS

VAOT Metric

VT STATE PLANE GRID

N 46200 E 439050

STA. RI+018.6
FIRE HYDRANT, 4.0 m LT

STA. RI+023.3
MAILBOX, 12.3 m LT

BIT. DRIVE

APPLEJACK WAREHOUSE MANAGEMENT, LLC
1

P.T. STA. RI+034.103

REMOVE 450 mm EXISTING PAVEMENT AND AGGREGATE MATERIAL AND REPLACE WITH SUITABLE EXCAVATION MATERIAL, TOPSOIL & SEED AS DIRECTED BY THE RESIDENT ENGINEER

HCTRL #1
N 46242.815
E 439050.431
ELEV. 167.000

STA. 3+469.3 LT
CONSTRUCT SIDEWALK RAMP TYPE I (MOD.)

P.C. STA. RI+015.558

CONST(T) SB(T) PDF

GUY

3+420
N74° 52' 36"W

0.3 m
3.0 m
3+440
3.0 m
0.2 PDF

3+460

5.7 m

N74° 52' 36"W

PARAN CREEK

P.C. STA. 3+442.414

BITUMINOUS DRIVE
POB STA. HI+000.000 =
STA. RI+020.714

POB STA. RI+000.000 =
VT. RTE 67A STA. 3+482.231

P.C. STA. HI+000.433

STA. 3+491.2 LT
CONSTRUCT SIDEWALK RAMP TYPE I (MOD.)

CONST(T)

3+480

S15° 42' 48"W

N1° 23' 33"W

3+500

3+520

3+540

CONC. CURB

BIT. SIDEWALK

SB(P)

1.530 m
1.2 m
3.0 m

P.T. STA. 3+514.236

STA. 3+506.0
BEGIN RETAINING WALL, LT

STA. 3+510.5
END RETAINING WALL, LT

STA. 3+555.6
BEGIN BITUMINOUS CONCRETE GUTTER RT

MATCH LINE STA. 3+560

RI+060

END RIVER ROAD
STA. RI+070.000

3.0 m

DUSABLON, LEONE H.

RI+040

P.I. STA. RI+025.000 BK. =
P.I. STA. RI+024.661 AHD.

S29° 08' 56"W

P.T. STA. HI+014.391

RICH, ROBERT A

RI+020

N40° 04' 52"W

N72° 04' 13"W

HI+020

HI+040

HI+060

GR. DRIVE

2.7 m

P.I. STA. HI+007.599 BK. =
P.I. STA. HI+007.225 AHD.

P.I. STA. 3+484.219 BK. =
P.I. STA. 3+472.472 AHD.

EXISTING R.O.W. (TYP.)

REMOVE 450 mm EXISTING PAVEMENT AND AGGREGATE MATERIAL AND REPLACE WITH SUITABLE EXCAVATION MATERIAL, TOPSOIL & SEED AS DIRECTED BY THE RESIDENT ENGINEER

GREEN MOUNTAIN BAPTIST ASSOCIATION
2

N 46300 E 439000

PROPERTY LINE (TYP.)

APPLEJACK WAREHOUSE MANAGEMENT, LLC
1

GRATTON, ROBERT, SHARON & RUTH
3

BEGIN R.O.W. PROJECT
STP 9646(1) S
STA. 3+434.340

R.O.W. PLANS

LEGEND

- PDF — CONSTRUCTION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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.

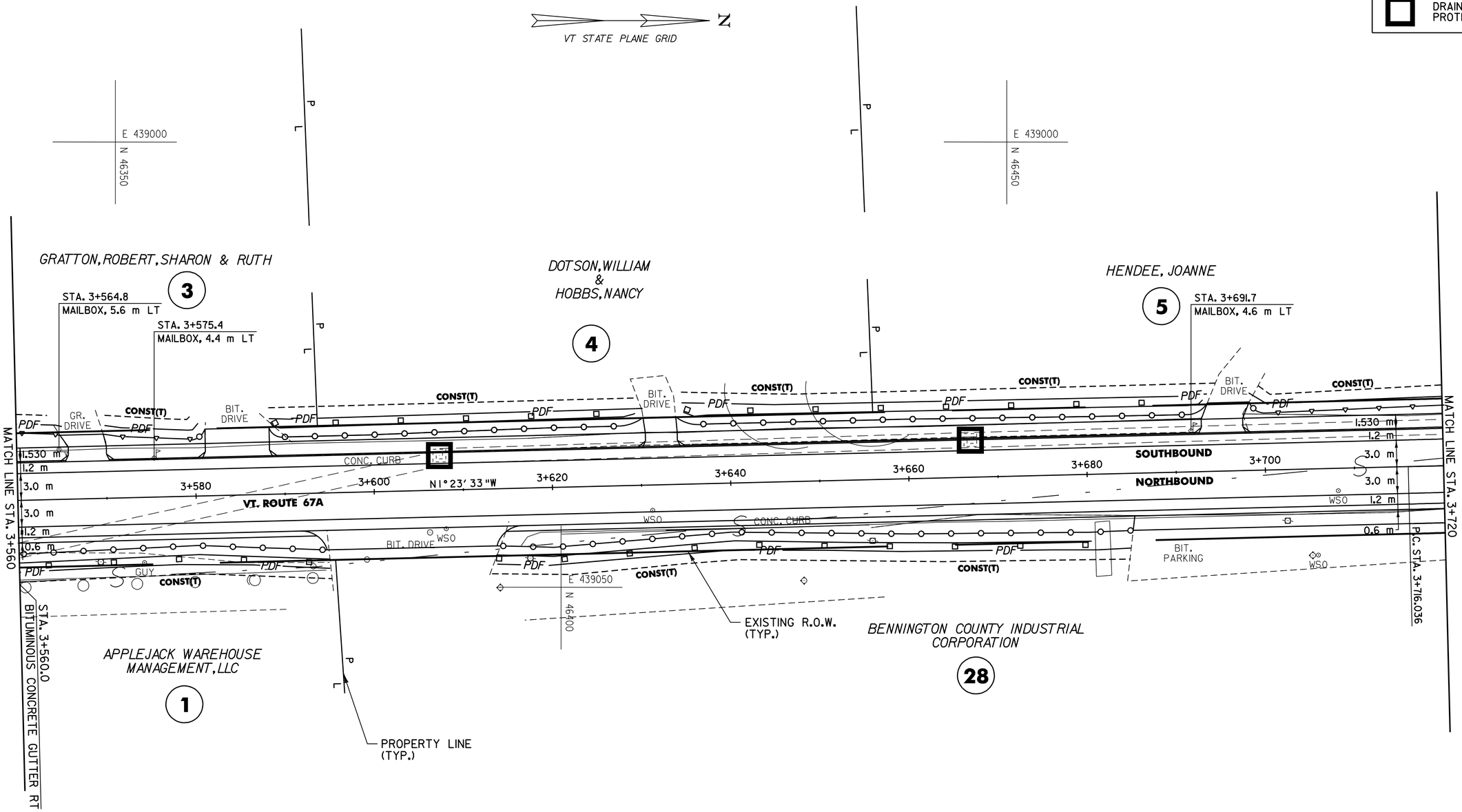
0 10 20 m
SCALE 1:250 @ FULL SCALE

PLAN SHEET #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04row101.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(1)S
SHEET 21 OF 151 SHEETS

VAOT Metric

LEGEND	
—PDF—	CONSTRUCTION FENCE
	SILT FENCE
	CULVERT INLET PROTECTION
	DRAINAGE STRUCTURE PROTECTION



R.O.W. PLANS

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m

SCALE 1:250 @ FULL SCALE

PLAN SHEET #2

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	PSK	DATE	3/06
SQUAD LEADER	WMK		
DESIGN FILE NO.	/pave/95d104/pd104.dgn		
IPARM FILE	pd104rowl02.i	DATE PLOTTED	20-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET	22 OF 151	SHEETS	

VAOT Metric

LEGEND	
—PDF—	CONSTRUCTION FENCE
	SILT FENCE
	CULVERT INLET PROTECTION
	DRAINAGE STRUCTURE PROTECTION

N

VT STATE PLANE GRID

HENDEE, JOANNE
5

SWEET, DOUGLAS G. & LINDA A.

CORCORAN, MARY
8

CORCORAN, DANIEL
9

REVETT, ARNOLD & MARGARET
10

WOODARD, DEBORAH
11

CARTER, GEORGIANNA
12

COLE, RICHARD & ELIZABETH
13

BENNINGTON COUNTY INDUSTRIAL CORPORATION
28

PROPERTY LINE (TYP.)

STA. 3+767.9
MAILBOX, 5.6 m LT

STA. 3+768.0
CONSTRUCT SIDEWALK RAMP TYPE I (MOD.)

STA. 3+778.5
CONSTRUCT SIDEWALK RAMP TYPE I (MOD.)

STA. 3+848.4
CONSTRUCT SIDEWALK RAMP TYPE I (MOD.)

STA. 3+860.2
CONSTRUCT SIDEWALK RAMP TYPE I (MOD.)

SWEET ROAD
CLASS IV
MM 2.344 = STA. 3+772.424
(GRAVEL)

LEVER ROAD
CLASS IV
MM 2.395 = STA. 3+854.129
(GRAVEL)

E 439000
N 46600

E 439050
N 46550

MATCH LINE STA. 3+720

MATCH LINE STA. 3+880

VT. ROUTE 67A

SOUTHBOUND

NORTHBOUND

N1°23'33"W

N10°05'08"W

N10°05'08"W

3+740 3+760 3+780 3+800 3+820 3+840 3+860

CONST(T) PDF SR(T) CONST(T)

1.530 m 1.2 m 3.0 m 3.0 m 1.2 m

3.4 m 1.530 m 1.2 m 3.0 m 3.0 m 1.2 m 0.6 m

GR. DRIVE

CONC. CURB

IRON PIN

WSO

BIT. DRIVE

BIT. PARKING

GUY

HCTRL #2
N 46502.436
E ~~439042.702~~
ELEV. 168.826

HCTRL #3
N 46599.654
E 439019.927
ELEV. 170.953

P.I. STA. 3+750.239 BK. =
P.I. STA. 3+750.109 AHD.
EXISTING R.O.W. (TYP.)

STA. 3+776.3
END BITUMINOUS CONCRETE GUTTER RT

P.T. STA. 3+784.312

P.C. STA. 3+856.819

0 10 20 m
SCALE 1:250 @ FULL SCALE

R.O.W. PLANS

PLAN SHEET #3

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	PSK	DATE	3/06
SQUAD LEADER	WMK		
DESIGN FILE NO.	/pave/95d104/pd104.dgn		
IPARM FILE	pd104row103.i	DATE PLOTTED	30-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET	23 OF 151	SHEETS	

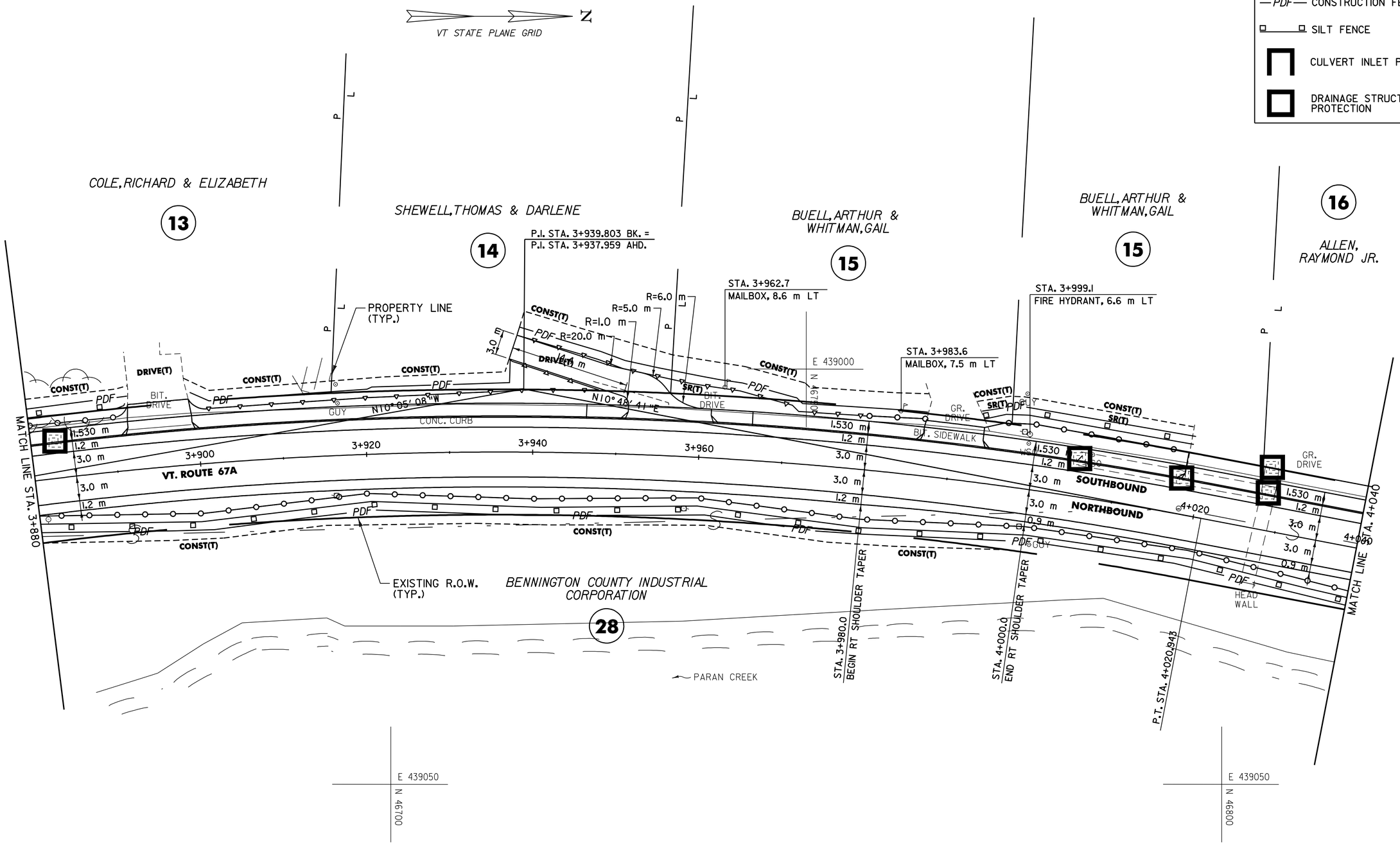
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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.

VAOT Metric

LEGEND	
—PDF—	CONSTRUCTION FENCE
	SILT FENCE
	CULVERT INLET PROTECTION
	DRAINAGE STRUCTURE PROTECTION



R.O.W. PLANS

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m

SCALE
1:250
@ FULL SCALE

PLAN SHEET #4

SURVEYED BY	L.R.S.C.	DATE
DRAWN BY	PSK	DATE
SQUAD LEADER	WMK	
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn	
IPARM FILE	pdl04rowl04.1	DATE PLOTTED
PROJ. NAME	NORTH BENNINGTON	
PROJ. NO.	STP 9646(I)S	
SHEET 24 OF 151		SHEETS

VAOT Metric

LEGEND

- PDF — CONSTRUCTION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION

N

VT STATE PLANE GRID

ALLEN, RAYMOND JR. 16

VAN ORMAN, JOHN S. 17

GATES, TERRY L. 18

CUTLER, EDWARD & MARLENE 19

NORTH BENNINGTON INDUSTRIAL BUILDING, INC. 20

BENNINGTON COUNTY INDUSTRIAL CORPORATION 28

NATIONAL HANGAR CO., INC. 7

E 439050 N 46850

E 439000 N 46950

E 439050 N 46600

PROPERTY LINE (TYP.)

EXISTING R.O.W. (TYP.)

STA. 4+133.0
FIRE HYDRANT, 6.8 m LT

STA. 4+163.1 LT
UTILITY POLE TO BE RELOCATED BY OTHERS

EXISTING CONCRETE SIDEWALK TO REMAIN

HCTRL #4
N 46908.897
E 439032.321
ELEV. 1000.000

MATCH LINE STA. 4+040

MATCH LINE STA. 4+200

BIT. SIDEWALK
CONC. CURB

VT. ROUTE 67A

N10° 48' 41"E

4+060 4+080 4+100 4+120 4+140 4+160

SOUTHBOUND
NORTHBOUND

1.530 m
1.2 m
3.0 m
3.0 m
0.9 m
1.5 m
1.0 m

CONST(T) SR(T) PDF GR. DR. HEAD WALL GUY

STA. 4+180.0 BEGIN LT SHOULDER WIDENING
BEGIN RT SHOULDER WIDENING

STA. 4+187.2 END LT SHOULDER WIDENING

STA. 4+200.0 END RT SHOULDER WIDENING

PARAN CREEK

R.O.W. PLANS

PLAN SHEET #5

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104row105.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 25 OF 151 SHEETS

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m
SCALE 1:250 @ FULL SCALE

VAOT Metric

LEGEND

- —PDF— CONSTRUCTION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION

N

VT STATE PLANE GRID

NORTH BENNINGTON INDUSTRIAL BUILDING, INC.

20

P.I. STA. 4+267.430 BK. =
P.I. STA. 4+267.321 AHD.

E 439050
N 47050

EXISTING CONCRETE SIDEWALK TO REMAIN

EXISTING R.O.W. (TYP.)

MATCH LINE STA. 4+200

1.5 m CONC. CURB
3.0 m
3.0 m
1.2 m

PDF

CONC. SIDEWALK

4+220

VT. ROUTE 67A

4+240

N10° 48' 41"E 4+260

N17° 16' 44"E 4+280

WSO

4+300

BIT. DRIVE

4+320

SOUTHBOUND

4+340

NORTHBOUND

CONC. SIDEWALK
CONC. CURB
1.5 m
3.0 m
3.0 m
1.2 m

MATCH LINE STA. 4+360

P.C. STA. 4+216.579

IRON PIN

P.T. STA. 4+318.172

IRON PIN

E 439100
N 47100

NATIONAL HANGAR CO., INC.

7

E 439100
N 47000

R.O.W. PLANS

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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.

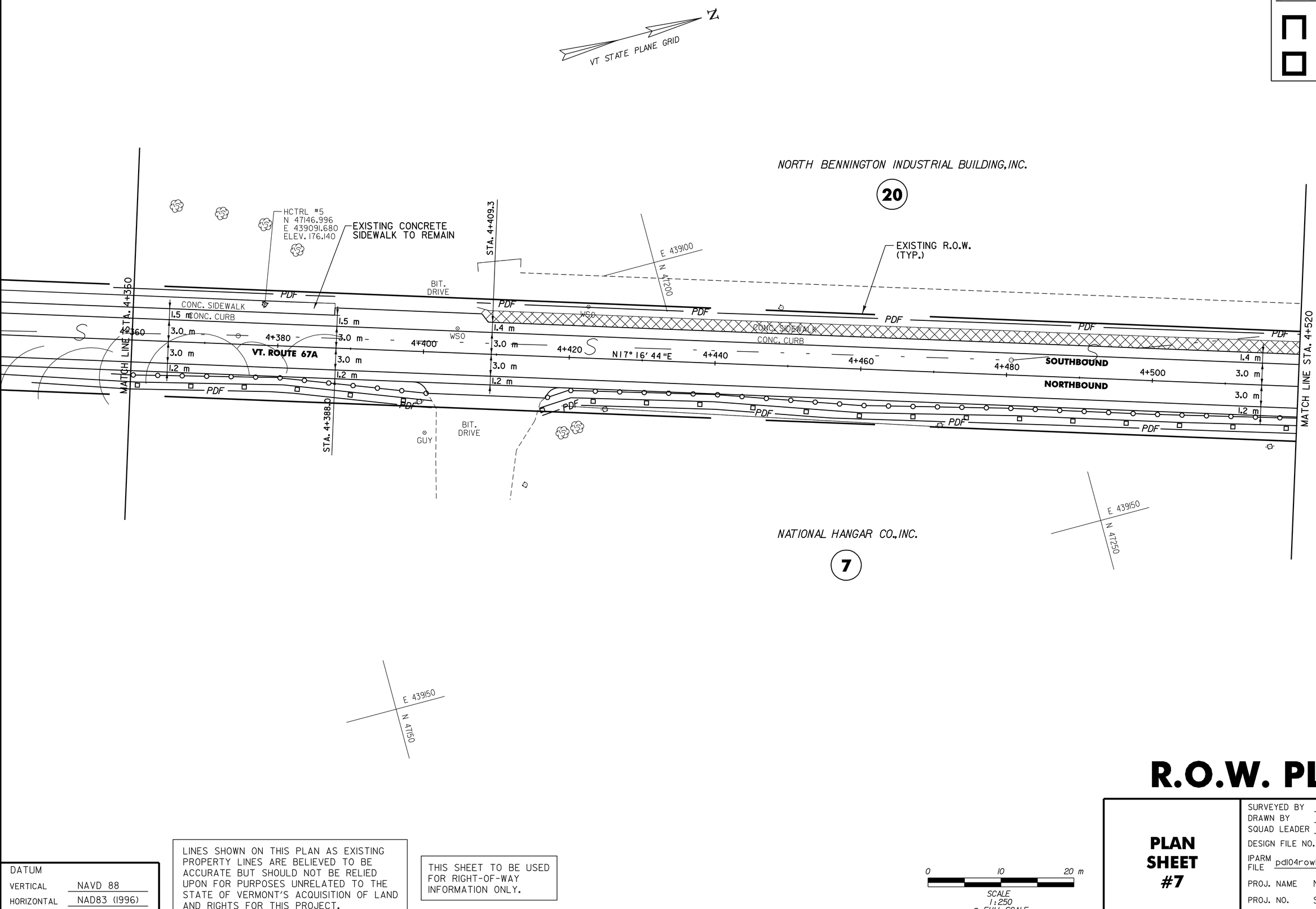
0 10 20 m
SCALE 1:250 @ FULL SCALE

PLAN SHEET #6

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04row106.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 26 OF 151 SHEETS

VAOT Metric

LEGEND	
—PDF—	CONSTRUCTION FENCE
	SILT FENCE
	CULVERT INLET PROTECTION
	DRAINAGE STRUCTURE PROTECTION



R.O.W. PLANS

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m

SCALE
1:250
@ FULL SCALE

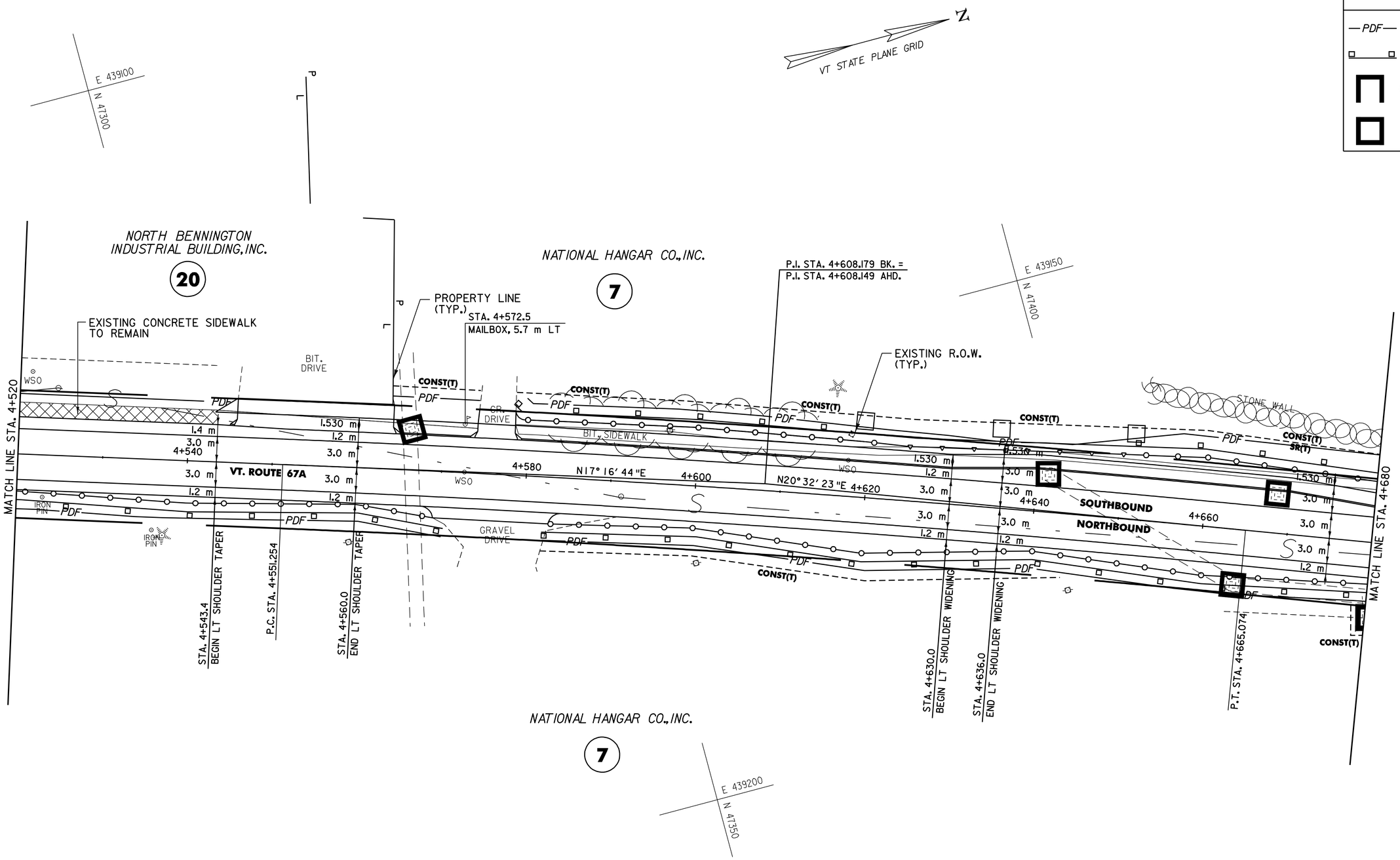
PLAN SHEET #7

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	PSK	DATE	3/06
SQUAD LEADER	WMK		
DESIGN FILE NO.	/pave/95d104/pd104.dgn		
IPARM FILE	pd104row107.1	DATE PLOTTED	30-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET 27 OF 151	SHEETS		

VAOT Metric

LEGEND

- —PDF— CONSTRUCTION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION



R.O.W. PLANS

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m

SCALE 1:250 @ FULL SCALE

PLAN SHEET #8

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	PSK	DATE	3/06
SQUAD LEADER	WMK		
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn		
IPARM FILE	pdl04rowl08.1	DATE PLOTTED	30-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET	28 OF 151	SHEETS	

VAOT Metric

LEGEND

- —PDF— CONSTRUCTION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION

E 439150
N 47500

N

VT STATE PLANE GRID

PROPERTY LINE (TYP.)

NATIONAL HANGAR CO., INC.

7

OHMAN, JOHN R.

21

STA. 4+759.5
MAILBOX, 5.2 m LT

EXISTING R.O.W. (TYP.)

STA. 4+820.0
BEGIN LT SHOULDER TAPER
BEGIN RT SHOULDER TAPER

STA. 4+840.0
END RT SHOULDER TAPER

GUY

CONST(T)

PDF

STONE WALL (TYP.)

BIT. SIDEWALK

CONC. SIDEWALK

1.530 m

1.2 m

3.0 m

4+700

4+720

4+740

4+760

4+780

4+800

N20° 32' 23"E

SOUTHBOUND

NORTHBOUND

VT. ROUTE 67A

WS0

ASPHALT PARKING

DRIVE(T)

0.6 m

L HCTRL "6
N 47486.233
E 439[illegible].9
ELEV. 176.614

STA. 4+697.3
BEGIN LT SHOOULDER TAPER

STA. 4+703.3
END LT SHOOULDER TAPER

E 439250
N 47550

NATIONAL HANGAR CO., INC.

7

E 439250
N 47450

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD83 (1996)

R.O.W. PLANS

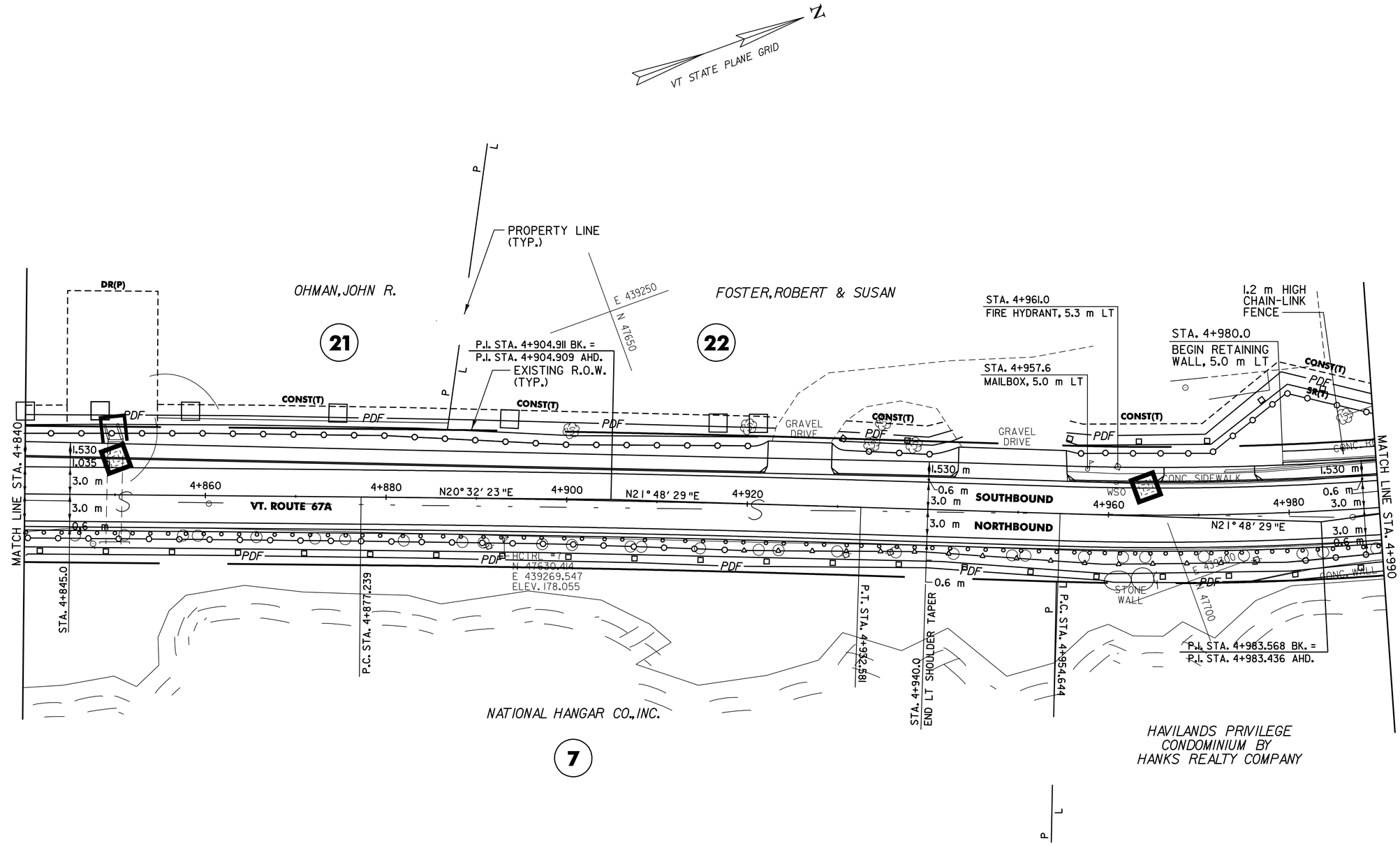
PLAN SHEET #9

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY PSK DATE 3/06
SQUAD LEADER WMK
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04row109.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 29 OF 151 SHEETS

VAOT Metric

LEGEND

- —PDF— CONSTRUCTION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION



R.O.W. PLANS

PLAN SHEET #10

SURVEYED BY	L.R.S.C. DATE 4/03
DRAWN BY	PSK DATE 3/06
SQUAD LEADER	WMK
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn
IPARM FILE	pdl04row110.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON
PROJ. NO.	STP 9646(I)S
SHEET 30 OF 151	SHEETS

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m
SCALE 1:250 @ FULL SCALE

VAOT Metric

LEGEND	
—PDF—	CONSTRUCTION FENCE
□——□	SILT FENCE
	CULVERT INLET PROTECTION
	DRAINAGE STRUCTURE PROTECTION

VT STATE PLANE GRID

E 439250
N 47750

E 439300
N 47850

E 439350
N 47800

FOSTER, ROBERT & SUSAN

HEDDING, JOYCE

1.2 m HIGH CHAIN-LINK FENCE

HCTRL #8
N 47743.532
E 439264.900
ELEV. 182.621

FLAG POLE

STA. 5+080.0
END RETAINING WALL, 6.3 m LT

CAREY, JAMES M. & CAREY, AMY K.

P.I. STA. 5+095.777 BK. =
P.I. STA. 5+094.144 AHD.

CROSS, PETER & PAULA

PROPERTY LINE (TYP.)

EXISTING R.O.W. (TYP.)

BOUDREAU, MARK & LAURA

22 23 24 25 26 27

MATCH LINE STA. 4+990

CONC. SIDEWALK

T. WALL

CONC. WALL

VT. ROUTE 67A

NORTHBOUND

SOUTHBOUND

BIT. DRIVE

BIT. SIDEWALK

CONC. RET. WALL

N12° 21' 35"E

N41° 11' 18"E

DRIVE(T)

CONST(T)

CONST(P)

SR(T)

PDF

WSO

1.530 m

1.5 m

3.0 m

0.6 m

0.3 m

5+100

5+120

5+140

MATCH LINE STA. 5+160

STA. 5+000.000
BEGIN SHOULDER WIDENING LT

P.I. STA. 5+012.360

STA. 5+020.000
END SHOULDER WIDENING LT

STA. 5+040.000
BEGIN SHOULDER TAPER RT

P.C. STA. 5+057.224

STA. 5+060.000
BEGIN SHOULDER TAPER LT
END SHOULDER TAPER RT
BEGIN BITUMINOUS CONCRETE GUTTER RT

HCTRL #9
N 47796.402
E 439321.600
ELEV. 180.936

STA. 5+080.000
END SHOULDER TAPER LT

P.T. STA. 5+132.697

HAVILANDS PRIVILEGE CONDOMINIUM BY HANKS REALTY COMPANY

END R.O.W. PROJECT
STP 9646(1) S
STA. 5+141.176

R.O.W. PLANS

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m
SCALE 1:250 @ FULL SCALE

PLAN SHEET #11

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	PSK	DATE	3/06
SQUAD LEADER	WMK		
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn		
IPARM FILE	pdl04rowIII.i	DATE PLOTTED	20-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET 31 OF 151 SHEETS			

VAOT Metric

LEGEND	
—PDF—	CONSTRUCTION FENCE
	SILT FENCE
	CULVERT INLET PROTECTION
	DRAINAGE STRUCTURE PROTECTION

N

VT STATE PLANE GRID

E 439350
N 47950

E 439400
N 48050

E 439450
N 48000

STA. 5+171.0 LT
CONSTRUCT SIDEWALK RAMP TYPE 6 (MOD.)

STA. 5+191.1 LT
INSTALL DETECTABLE WARNING SURFACE

STA. 5+192.4 LT
INSTALL DETECTABLE WARNING SURFACE
HCTRL #11
N 47909.666
E 439378.916

STA. 5+194.2 RT
INSTALL DETECTABLE WARNING SURFACE

STA. 5+180.0
END BITUMINOUS CONCRETE GUTTER RT

STA. 5+191.0 RT
CONSTRUCT SIDEWALK RAMP TYPE 6

STA. 5+196.0 RT
INSTALL DETECTABLE WARNING SURFACE

STA. 5+197.0 RT
INSTALL DETECTABLE WARNING SURFACE

STA. 5+242.7 RT
CONSTRUCT SIDEWALK RAMP TYPE 3

STA. 5+230.5 RT
CONSTRUCT SIDEWALK RAMP TYPE I

P.I. STA. 5+209.544 BK. =
P.I. STA. 5+205.926 AHD.

P.C. STA. 5+175.820

P.T. STA. 5+239.650

END VT. ROUTE 67A
STA. 5+340.000

HCTRL #10
N 47885.036
E 439383.350
ELEV. 186.837

WEST ROAD
PROSPECT STREET
SAGE STREET
VT. ROUTE 67A
SOUTHBOUND
NORTHBOUND
THE JOHN G.McCULLOUGH FREE LIBRARY, INC.
HAVILANDS PRIVILEGE
MINDLING, JAMES M.
MATCH LINE STA. 5+160

N41° 11' 18"E
N4° 31' 37"W

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD83 (1996)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES 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 m
SCALE 1:250 @ FULL SCALE

R.O.W. PLANS

PLAN SHEET #12

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	PSK	DATE	3/06
SQUAD LEADER	WMK		
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn		
IPARM FILE	pdl04rowll2.i	DATE PLOTTED	20-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET 32 OF 151	SHEETS		

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

VT. ROUTE 67A:
STA. 3+491.5 - STA. 3+560.0 LT (77.3 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

VT. ROUTE 67A:
STA. 3+434.340 - STA. 3+471.6 LT (65.9 m^2)
STA. 3+490.9 - STA. 3+560.0 LT (95.3 m^2)

618.30 DETECTABLE WARNING SURFACE

VT. ROUTE 67A:
STA. 3+469.3 LT (3.4 m^2)
STA. 3+491.2 LT (0.9 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 3+489.519 RT

HILLSIDE STREET:
STA. HI+044.048 RT
STA. HI+060.000 LT
STA. HI+063.738 RT

604.412 REHABILITATION OF DI, CB OR MH CLASS I

VT. ROUTE 67A:
STA. 3+555.4 RT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

RIVER ROAD:
STA. RI+018.8 RT

616.47 BITUMINOUS CONCRETE GUTTERS & TRAFFIC ISLANDS

VT. ROUTE 67A:
STA. 3+555.6 - STA. 3+560.0 RT (0.3 †)

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

RIVER ROAD:
STA. RI+023.3 LT

621.20 STEEL BEAM GUARDRAIL (GALVANIZED)

VT. ROUTE 67A: STA. 3+434.5 - STA. 3+449.58 RT
~~STA. 3+434.5 - STA. 3+464.9 RT~~ (30.4 m)

~~621.505 MANUFACTURED TERMINAL SECTION (FLARED)~~

~~VT. ROUTE 67A:~~
~~STA. 3+464.9 - STA. 3+476.3 RT~~

621.505 MANUFACTURED TERMINAL SECTION (TANGENT)

VT. ROUTE 67A:
STA. 3+434.6 - STA. 3+449.8 LT
STA. 3+460 - STA. 3+475 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

VT. ROUTE 67A:
STA. 3+434.5 - STA. 3+438.0 RT ~~(3.5 m)~~ 2.6 m
STA. 3+434.6 - STA. 3+438.2 LT ~~(3.6 m)~~ 3.3 m
STA. 3+437 - STA. 3+475 RT (27.7 m)

629.29 RELOCATE HYDRANT

RIVER ROAD:
STA. RI+018.6 LT TO STA. HI+012, 6.5m RT

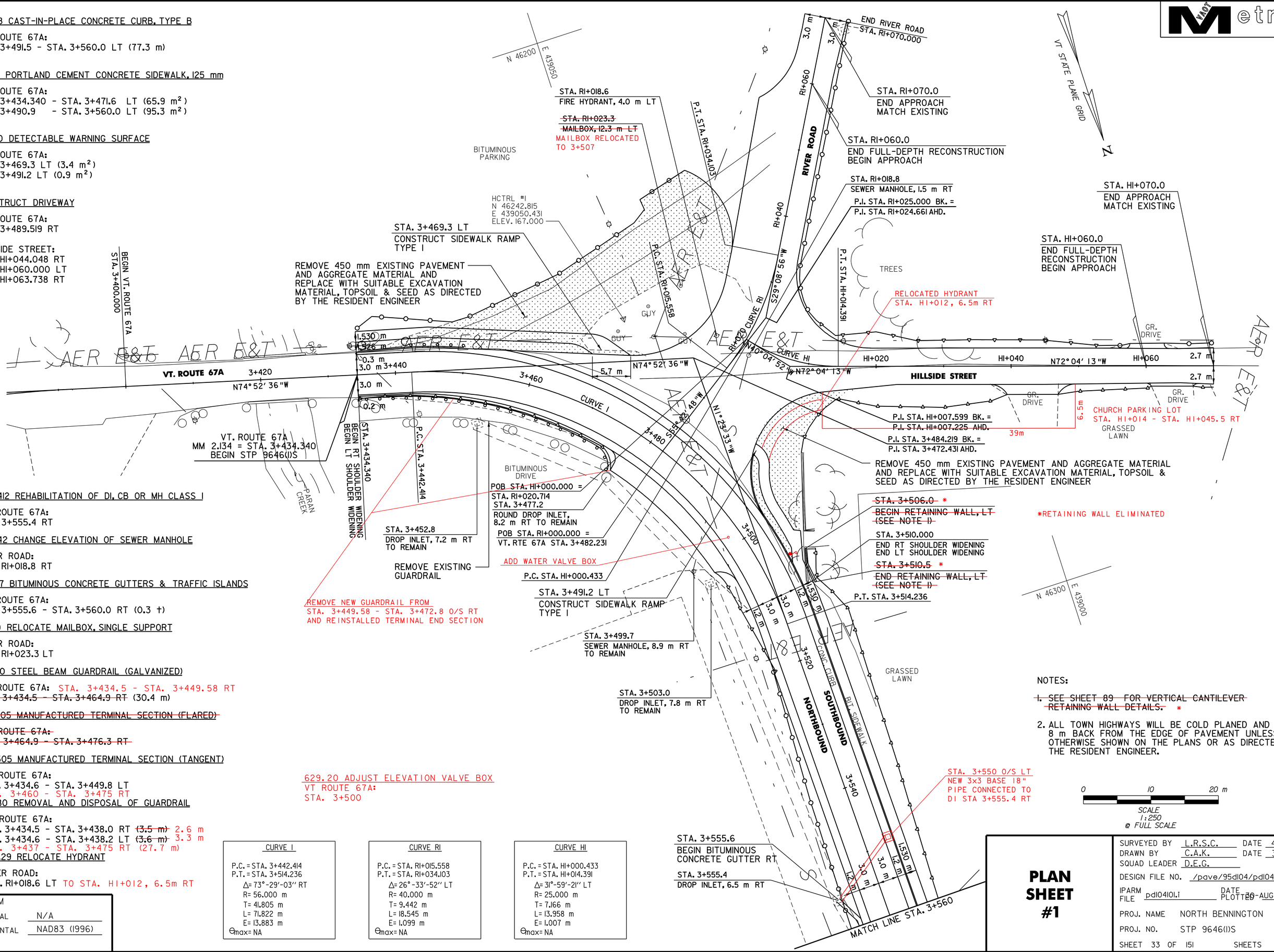
629.20 ADJUST ELEVATION VALVE BOX
VT ROUTE 67A:
STA. 3+500

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

CURVE I
P.C. = STA. 3+442.414
P.T. = STA. 3+514.236
Δ= 73°-29'-03" RT
R= 56.000 m
T= 41.805 m
L= 71.822 m
E= 13.883 m
θmax= NA

CURVE RI
P.C. = STA. RI+015.558
P.T. = STA. RI+034.103
Δ= 26°-33'-52" LT
R= 40.000 m
T= 9.442 m
L= 18.545 m
E= 1.099 m
θmax= NA

CURVE HI
P.C. = STA. HI+000.433
P.T. = STA. HI+014.391
Δ= 31°-59'-21" LT
R= 25.000 m
T= 7.166 m
L= 13.958 m
E= 1.007 m
θmax= NA



NOTES:

1. ~~SEE SHEET 89 FOR VERTICAL CANTILEVER RETAINING WALL DETAILS.~~ *
2. ALL TOWN HIGHWAYS WILL BE COLD PLANED AND PAVED 8 m BACK FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

PLAN SHEET #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04101.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 33 OF 151 SHEETS

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

VT. ROUTE 67A:
STA. 3+560.0 - STA. 3+565.7 LT (5.7 m)
STA. 3+570.6 - STA. 3+581.1 LT (10.5 m)
STA. 3+588.9 - STA. 3+630.5 LT (41.6 m)
STA. 3+634.7 - STA. 3+692.9 LT (58.8 m)
STA. 3+698.1 - STA. 3+720.0 LT (21.9 m)

616.41 REMOVAL OF EXISTING CURB

VT. ROUTE 67A:
STA. 3+617.0 - STA. 3+720.0 RT (103.0 m)

618.30 DETECTABLE WARNING SURFACE

VT. ROUTE 67A:
STA. 3+560.0 - STA. 3+720.0 LT (244.8 m^2)

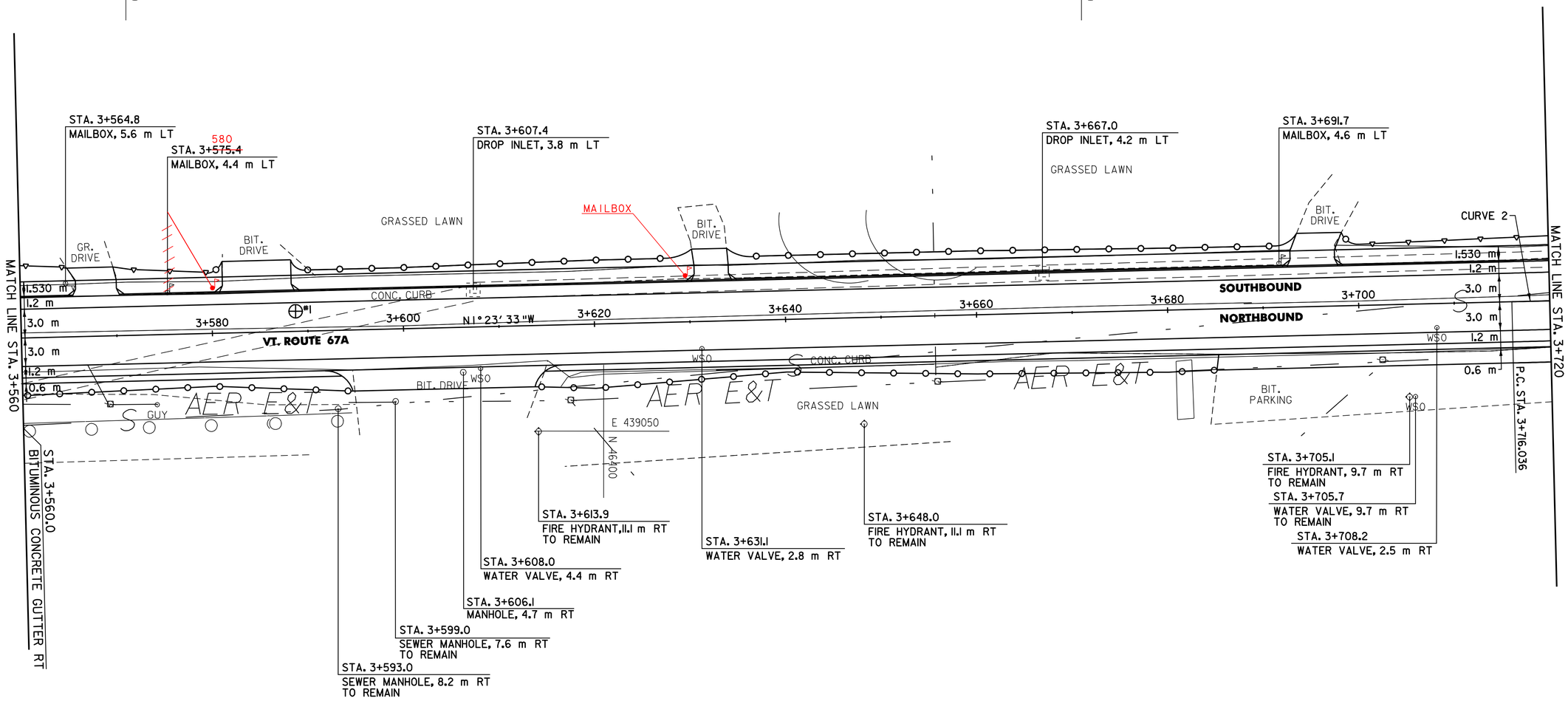
CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 3+567.925 LT
STA. 3+584.765 LT
STA. 3+604.095 RT
STA. 3+632.176 LT
STA. 3+695.269 LT

VT STATE PLANE GRID

E 439000
N 46350

E 439000
N 46450



0 10 20 m
SCALE
1:250
@ FULL SCALE

CURVE 2

P.C. = STA. 3+716.036
P.T. = STA. 3+784.312
Δ = 08°-41'-35" LT
R = 450.000 m
T = 34.203 m
L = 68.275 m
E = 1.298 m
θ_{max} = NA

604.412 REHABILITATION OF DI, CB OR MH, CLASS I

VT. ROUTE 67A:
STA. 3+606.1 RT
STA. 3+607.4 LT
STA. 3+667.0 LT

616.47 BITUMINOUS CONCRETE GUTTER & TRAFFIC ISLANDS

VT. ROUTE 67A
STA. 3+560.0 - STA. 3+720.0 RT (20.3 t)

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

VT. ROUTE 67A:
STA. 3+564.8 LT
~~STA. 3+575.4 LT~~ STA. 3+580 LT
STA. 3+691.7 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 3+608.0 RT
STA. 3+631.1 RT
STA. 3+708.2 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (mm)	PCC	COMMENTS
1	115	YES	

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PLAN SHEET #2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104102.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 34 OF 151 SHEETS

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

VT. ROUTE 67A:
STA. 3+720.0 - STA. 3+754.3 LT (34.3 m)
STA. 3+761.6 - STA. 3+765.4 LT (3.8 m)
STA. 3+780.1 - STA. 3+817.3 LT (37.2 m)
STA. 3+821.5 - STA. 3+846.7 LT (25.2 m)
STA. 3+861.9 - STA. 3+880.0 LT (18.1 m)

616.41 REMOVAL OF EXISTING CURB

VT. ROUTE 67A:
STA. 3+~~720.0~~ 616.4 - STA. 3+775.0 RT (~~55.0~~ 159.11 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

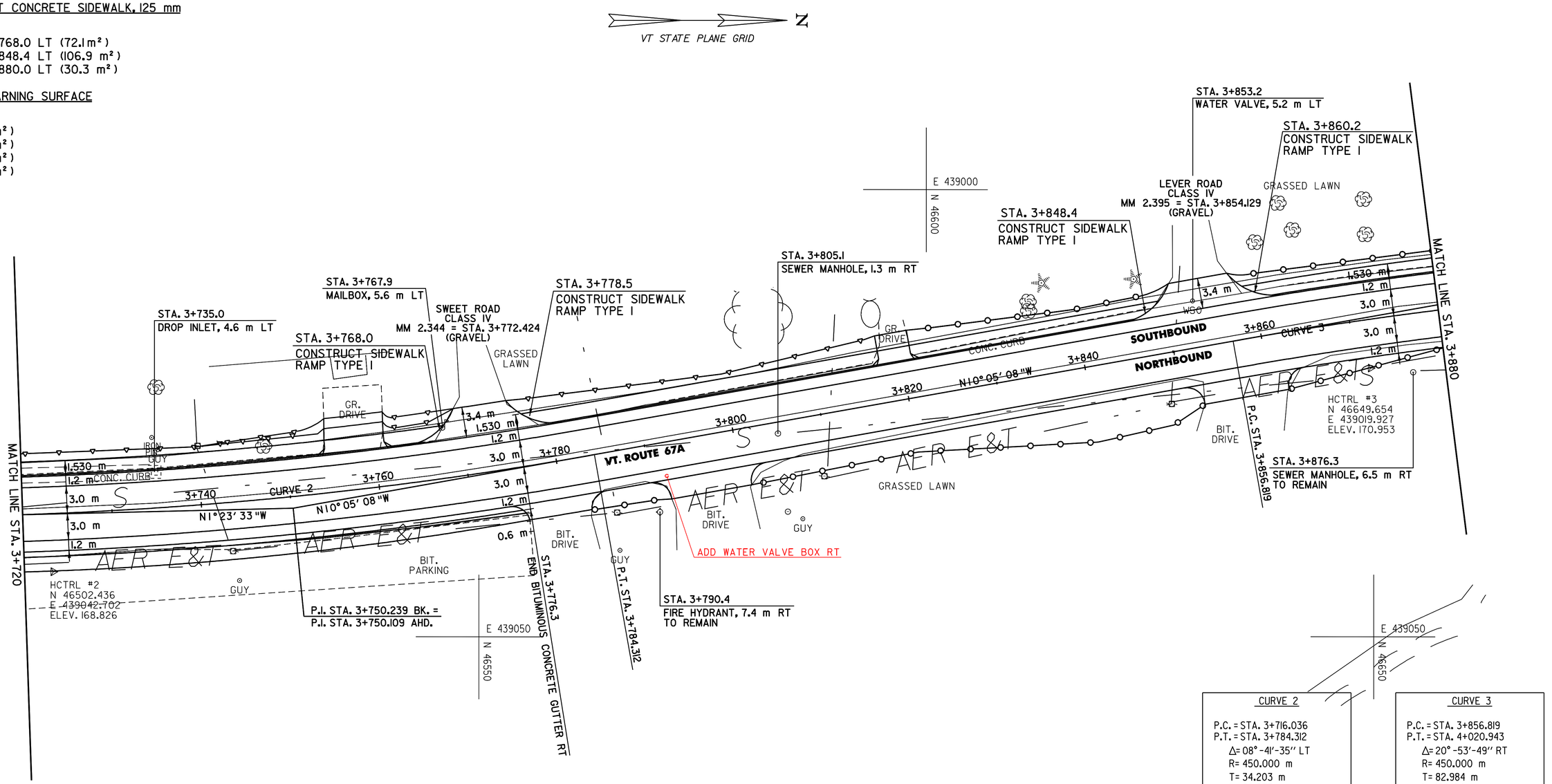
VT. ROUTE 67A:
STA. 3+720.0 - STA. 3+768.0 LT (72.1 m²)
STA. 3+778.5 - STA. 3+848.4 LT (106.9 m²)
STA. 3+860.2 - STA. 3+880.0 LT (30.3 m²)

618.30 DETECTABLE WARNING SURFACE

VT. ROUTE 67A:
STA. 3+768.0 LT (0.9 m²)
STA. 3+778.5 LT (0.9 m²)
STA. 3+848.4 LT (0.9 m²)
STA. 3+860.2 LT (0.9 m²)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 3+757.776 LT
STA. 3+779.506 RT
STA. 3+796.504 RT
STA. 3+819.263 LT
STA. 3+857.255 RT



CURVE 2

P.C. = STA. 3+716.036
P.T. = STA. 3+784.312
Δ = 08°-41'-35" LT
R = 450.000 m
T = 34.203 m
L = 68.275 m
E = 1.298 m
θmax = NA

CURVE 3

P.C. = STA. 3+856.819
P.T. = STA. 4+020.943
Δ = 20°-53'-49" RT
R = 450.000 m
T = 82.984 m
L = 164.124 m
E = 7.588 m
θmax = NA

0 10 20 m
SCALE
1:250
@ FULL SCALE

A.O.B.E. TO ADJUST ONLY
~~604.412 REHABILITATION OF DI, CB OR MH, CLASS I~~

VT. ROUTE 67A:
~~STA. 3+735.0 LT~~

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 3+805.1 RT

616.47 BITUMINOUS CONCRETE GUTTERS & TRAFFIC ISLANDS

VT. ROUTE 67A:
STA. 3+720.0 - STA. 3+776.3 RT (7.2 †)

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

VT. ROUTE 67A:
STA. 3+767.9 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 3+853.2 LT
STA. 3+790 RT

NOTE:

1. ALL TOWN HIGHWAYS WILL BE COLD PLANED AND PAVED 8 m BACK FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PLAN SHEET #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04103.1 DATE PLOTTED ~~30-AUG-2006 12:~~
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 35 OF 151 SHEETS

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

VT. ROUTE 67A:
STA. 3+880.0 - STA. 3+891.6 LT (11.6 m)
STA. 3+899.8 - STA. 3+951.0 LT (51.2 m)
STA. 3+961.5 - STA. 3+986.7 LT (25.2 m)
STA. 3+994.4 - STA. 4+040.0 LT (45.6 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

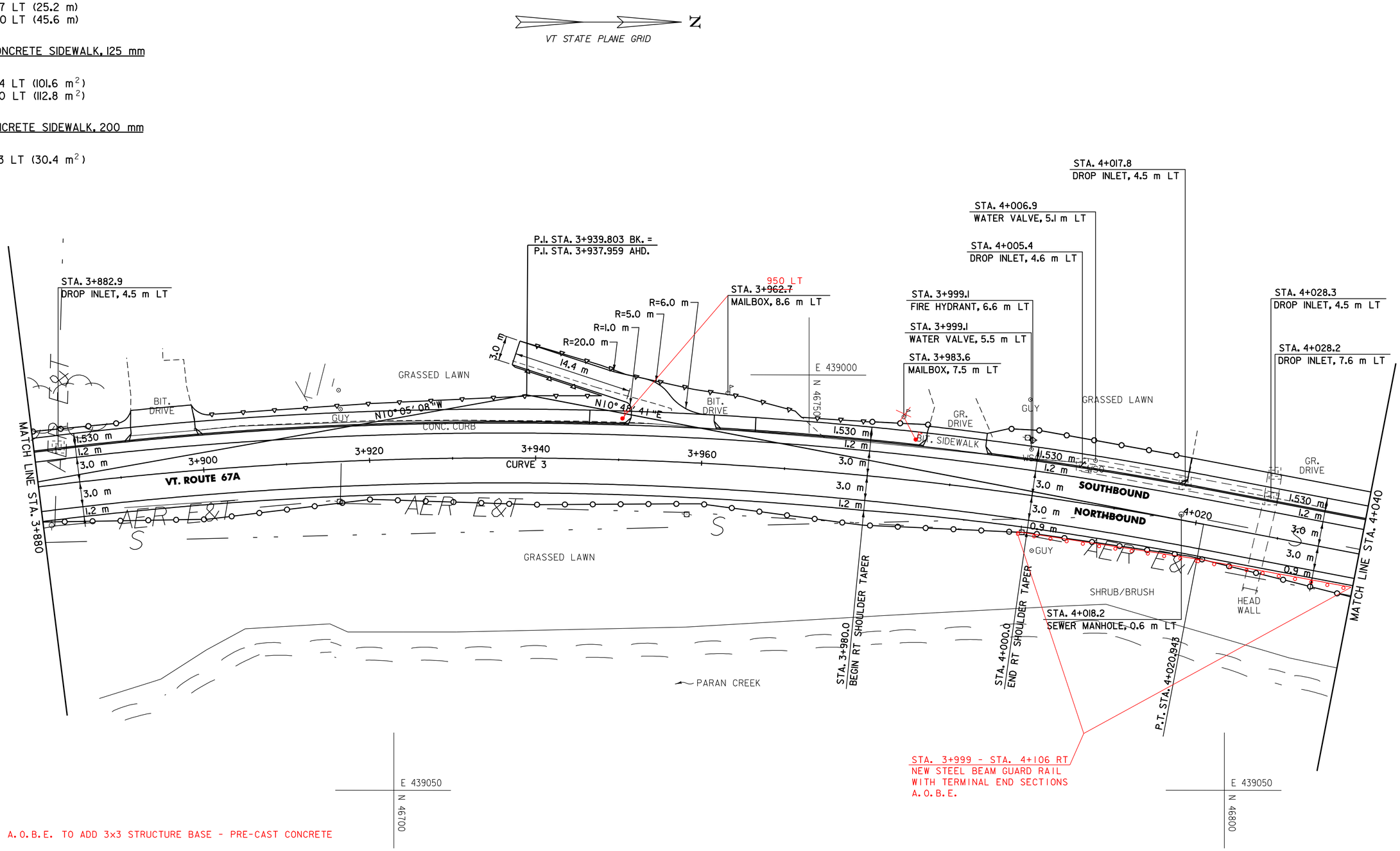
VT. ROUTE 67A:
STA. 3+880.0 - STA. 3+946.4 LT (101.6 m^2)
STA. 3+966.3 - STA. 4+040.0 LT (112.8 m^2)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 200 mm

VT. ROUTE 67A:
STA. 3+946.4 - STA. 3+966.3 LT (30.4 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 3+895.540 LT
STA. 3+956.275 LT
STA. 3+990.219 LT
STA. 4+029.306 LT



CURVE 3

P.C. = STA. 3+856.819
P.T. = STA. 4+020.943
Δ= 20°-53'-49" RT
R= 450.000 m
T= 82.984 m
L= 164.124 m
E= 7.588 m
emax= NA

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

A.O.B.E. TO REHAB
~~604.40 CHANGE ELEVATION OF DI, CB OR MH~~

VT. ROUTE 67A:
~~STA. 4+028.2 LT~~

604.412 REHABILITATION OF DI, CB OR MH, CLASS I

VT. ROUTE 67A:
STA. 3+882.9 LT
STA. 4+005.4 LT
STA. 4+017.8 LT
STA. 4+028.3 LT
STA. 4+028.2 LT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+018.2 LT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

VT. ROUTE 67A:
STA. 3+962.7 LT
STA. 3+983.6 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 3+999.1 LT
STA. 4+006.9 LT

629.29 RELOCATE HYDRANT

VT. ROUTE 67A:
STA. 3+999.1 LT

PLAN SHEET #4

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104104.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 36 OF 151 SHEETS

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

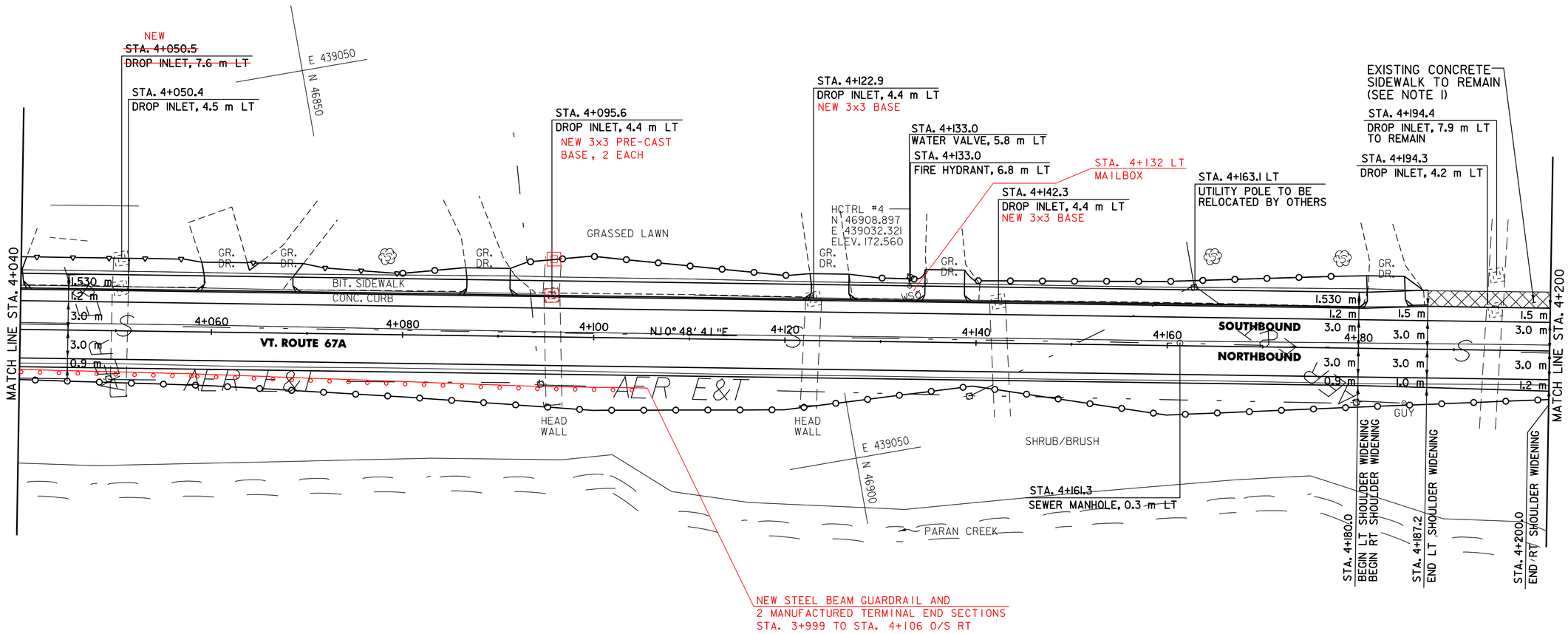
VT. ROUTE 67A:
STA. 4+040.9 - STA. 4+059.3 LT (18.4 m)
STA. 4+069.1 - STA. 4+086.7 LT (17.6 m)
STA. 4+091.8 - STA. 4+122.8 LT (31.0 m)
STA. 4+127.3 - STA. 4+134.6 LT (7.3 m)
STA. 4+139.4 - STA. 4+180.9 LT (41.5 m)
STA. 4+185.5 - STA. 4+187.2 LT (1.7 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

VT. ROUTE 67A:
STA. 4+040.0 - STA. 4+187.2 LT (225.2 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 4+063.819 LT
STA. 4+088.913 LT
STA. 4+124.655 LT
STA. 4+136.642 LT
STA. 4+182.803 LT



0 10 20 m
SCALE
1:250
@ FULL SCALE

A.O.B.E. TO REHAB DI

~~604.40 CHANGE ELEVATION OF DI, CB OR MH~~

VT. ROUTE 67A:
~~STA. 4+050.5 LT~~

604.412 REHABILITATION OF DI, CB OR MH, CLASS I

VT. ROUTE 67A:
STA. 4+050.4 LT
STA. 4+095.6 LT
STA. 4+122.9 LT
STA. 4+142.3 LT
STA. 4+194.3 LT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+161.3 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 4+133.0 LT

629.29 RELOCATE HYDRANT

VT. ROUTE 67A:
STA. 4+133.0 LT

NOTE:

1. THE EXISTING CONCRETE SIDEWALK LOCATED IN FRONT OF KRONE OPTICAL STA. 4+187.2 TO STA. 4+543.4 LT IS TO REMAIN.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

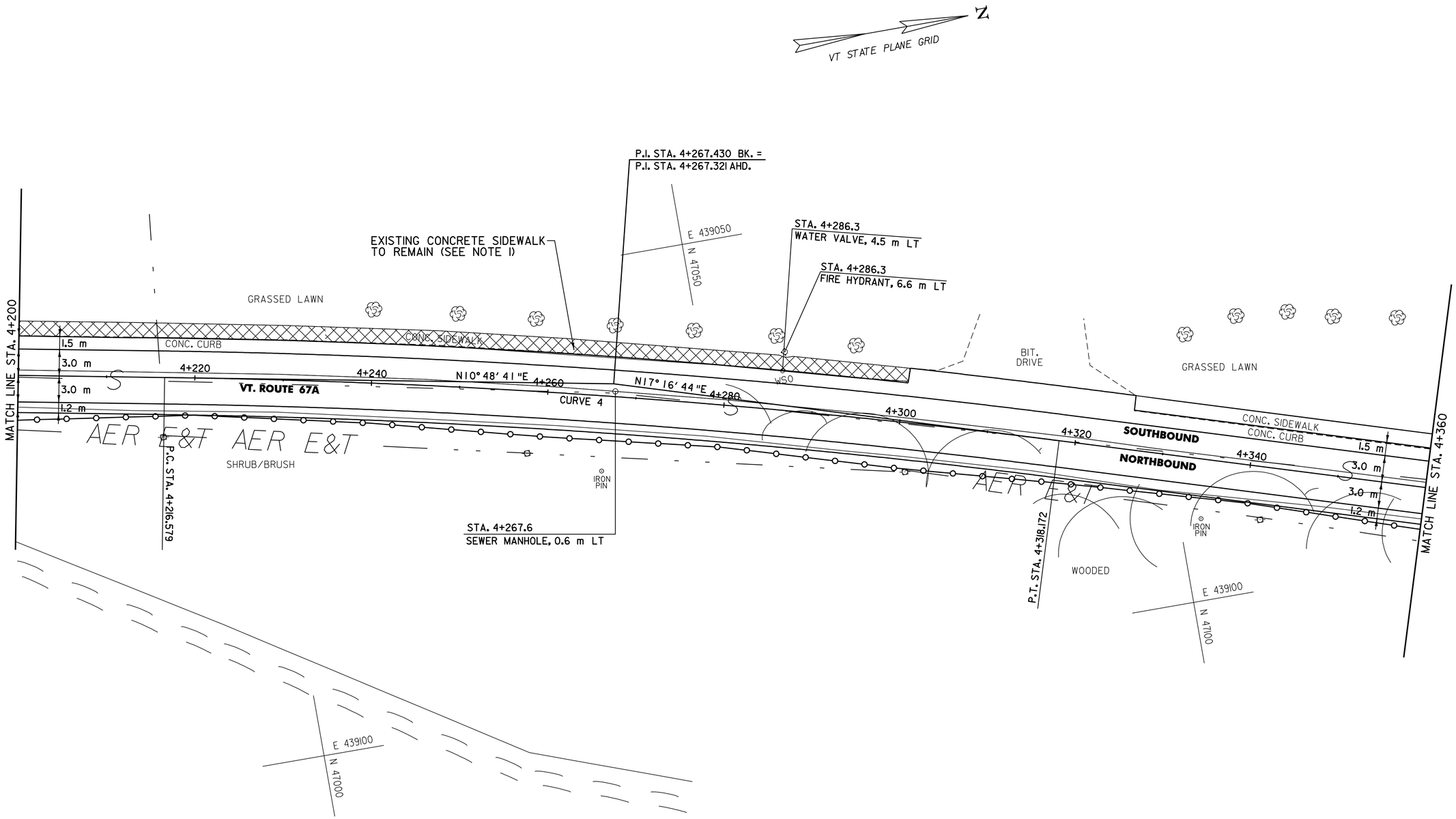
PLAN SHEET #5

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04105.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 37 OF 151 SHEETS

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 4+313.341 LT

VAOT Metric



0 10 20 m

SCALE
1:250
@ FULL SCALE

CURVE 4

P.C. = STA. 4+216.579
P.T. = STA. 4+318.172
Δ= 06°-28'-04" RT
R= 900.000 m
T= 50.851 m
L= 101.594 m
E= 1.435 m
θmax= NA

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+267.6 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 4+286.3 LT

NOTE:

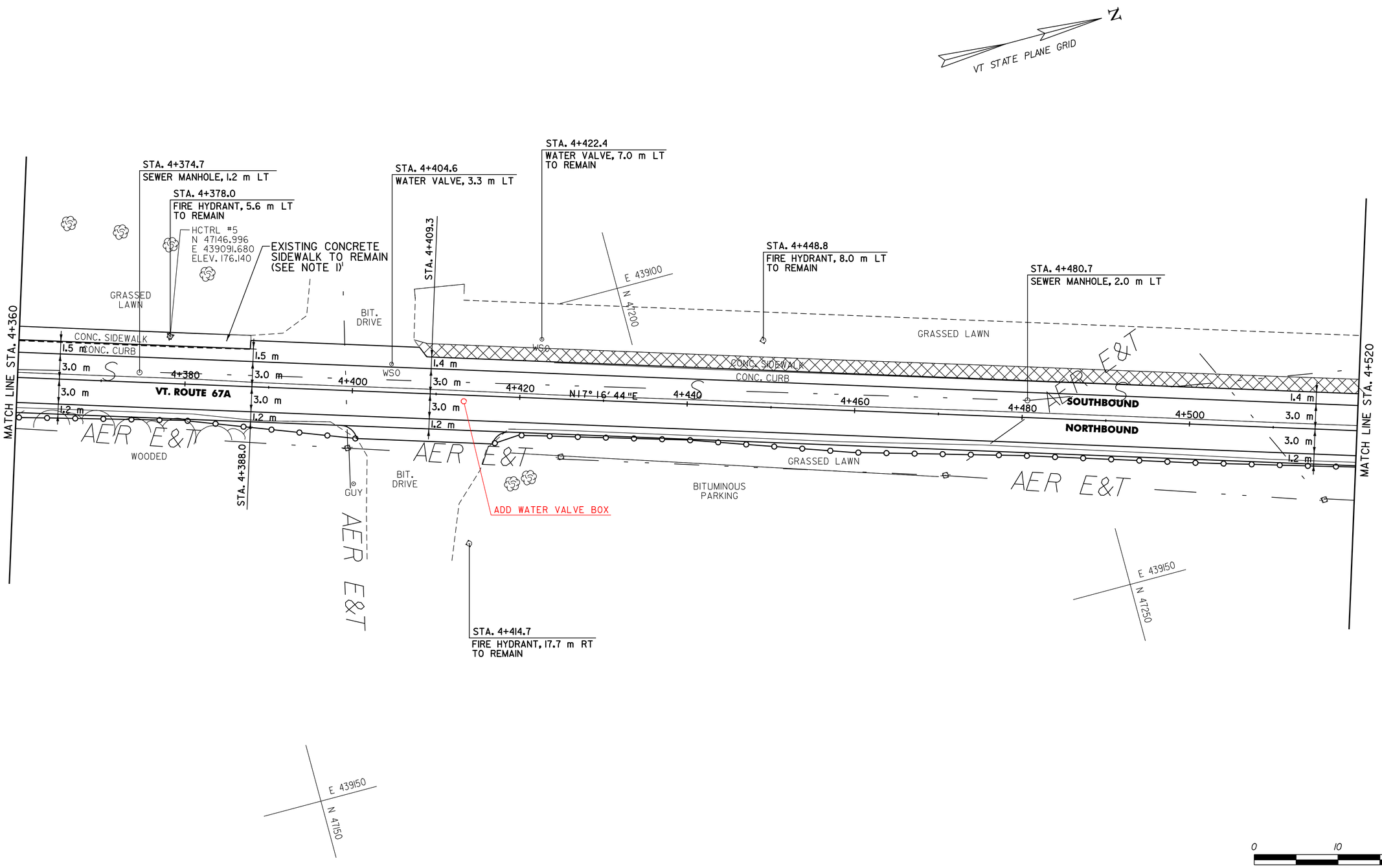
1. THE EXISTING CONCRETE SIDEWALK LOCATED IN FRONT OF KRONE OPTICAL STA. 4+187.2 TO STA. 4+543.4 LT IS TO REMAIN.

PLAN SHEET #6

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04l06.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 38 OF 151 SHEETS

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 4+397.733 LT
STA. 4+408.844 RT



604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+374.7 LT
STA. 4+480.7 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 4+404.6 LT STA. 4+414 RT

NOTE:

1. THE EXISTING CONCRETE SIDEWALK LOCATED IN FRONT OF KRONE OPTICAL STA. 4+187.2 TO STA. 4+543.4 LT IS TO REMAIN.

DATUM	
VERTICAL	N/A
HORIZONTAL	NAD83 (1996)

PLAN SHEET #7

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	C.A.K.	DATE	3/06
SQUAD LEADER	D.E.G.		
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn		
IPARM FILE	pdl04107.i	DATE PLOTTED	30-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET 39 OF 151	SHEETS		

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

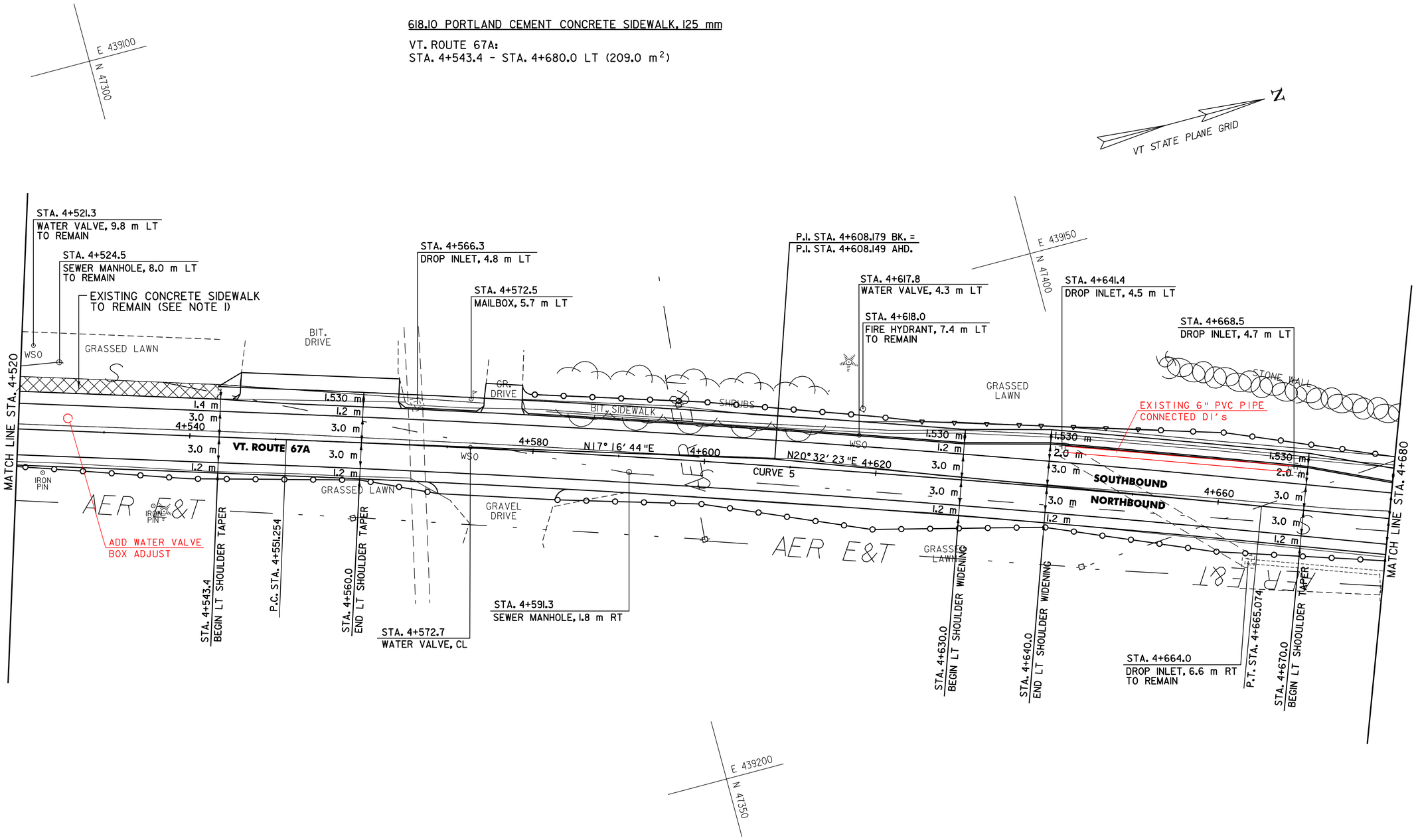
VT. ROUTE 67A:
STA. 4+543.4 - STA. 4+545.8 LT (2.4 m)
STA. 4+564.9 - STA. 4+574.2 LT (9.3 m)
STA. 4+579.2 - STA. 4+680.0 LT (100.8 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

VT. ROUTE 67A:
STA. 4+543.4 - STA. 4+680.0 LT (209.0 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 4+554.917 LT
STA. 4+576.029 LT
STA. 4+576.266 RT



CURVE 5

P.C. = STA. 4+551.254
P.T. = STA. 4+665.074
Δ = 03°-15'-39" RT
R = 2000.000 m
T = 56.925 m
L = 113.820 m
E = 0.810 m
θ_{max} = NA

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

604.412 REHABILITATION OF DI, CB OR MH, CLASS I

VT. ROUTE 67A:
STA. 4+566.3 LT
STA. 4+641.4 LT
STA. 4+668.5 LT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+591.3 RT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

VT. ROUTE 67A:
STA. 4+572.5 LT

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 4+572.7 CL
STA. 4+617.8 LT STA. 4+525 LT

NOTE:

1. THE EXISTING CONCRETE SIDEWALK LOCATED IN FRONT OF KRONE OPTICAL STA. 4+187.2 TO STA. 4+543.4 LT IS TO REMAIN.

0 10 20 m
SCALE
1:250
@ FULL SCALE

PLAN SHEET #8

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104108.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 40 OF 151 SHEETS

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

VT. ROUTE 67A:
STA. 4+680.0 - STA. 4+733.8 LT (93.8 m)
STA. 4+741.0 - STA. 4+840.0 LT (99 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

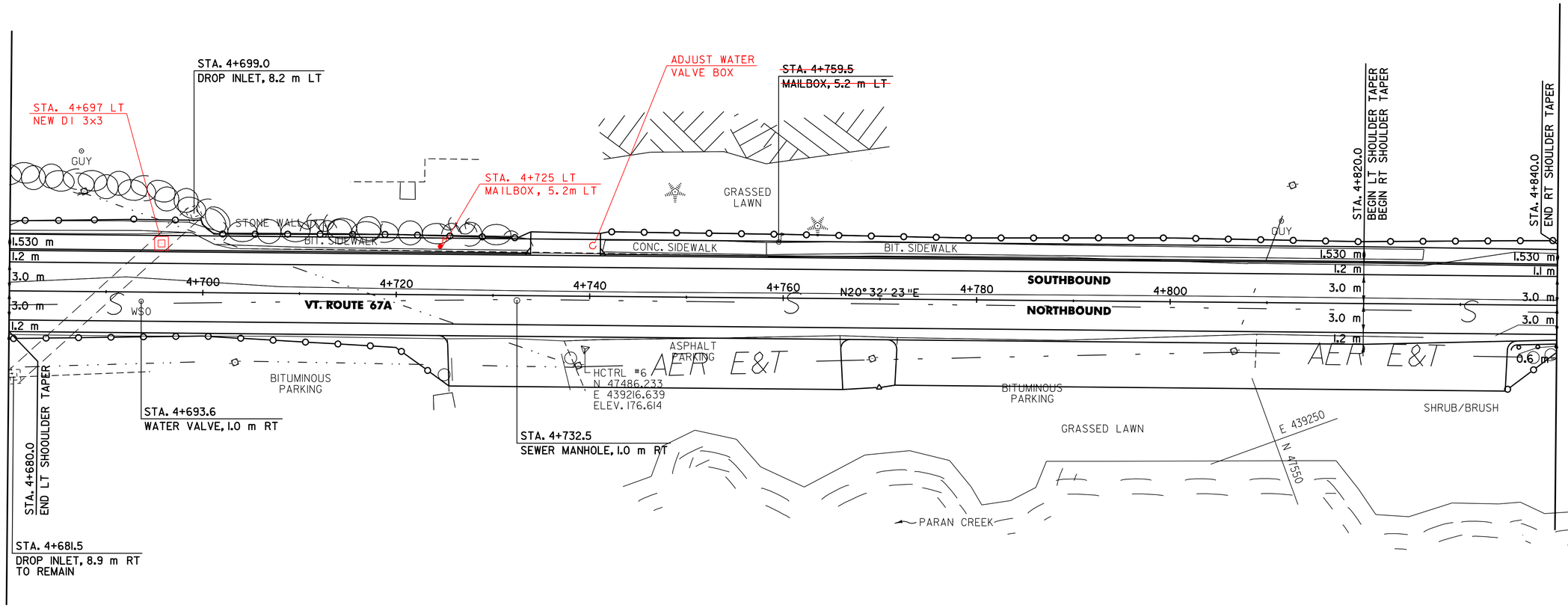
VT. ROUTE 67A:
STA. 4+680.0 - STA. 4+840.0 LT (244.8 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 4+737.445 LT

E 439150
N 47500

VT STATE PLANE GRID



621.71 GUARDRAIL APPROACH SECTION, TYPE II
STA. 4+836 - STA. 4+844 O/S RT
NOT INCLUDED IN ORIGINAL CONTRACT

604.40 CHANGE ELEVATION OF DI, CB OR MH

VT. ROUTE 67A:
STA. 4+699.0 LT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+732.5 RT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

VT. ROUTE 67A:
STA. 4+~~759.5~~ 725 LT

621.30 BOX BEAM GUARDRAIL (GALVANIZED) (MOD. - W/2.1 m POSTS)

VT. ROUTE 67A:
STA. 4+836.0 - STA. 4+840.0, RT (4.0 m)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

VT. ROUTE 67A:
STA. 4+836.0 - STA. 4+840.0, RT (4.0 m)

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 4+693.6, RT
STA. 4+740 LT

E 439250
N 47450

0 10 20 m
SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PLAN SHEET #9

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04109.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 41 OF 151 SHEETS

VAOT Metric

618.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

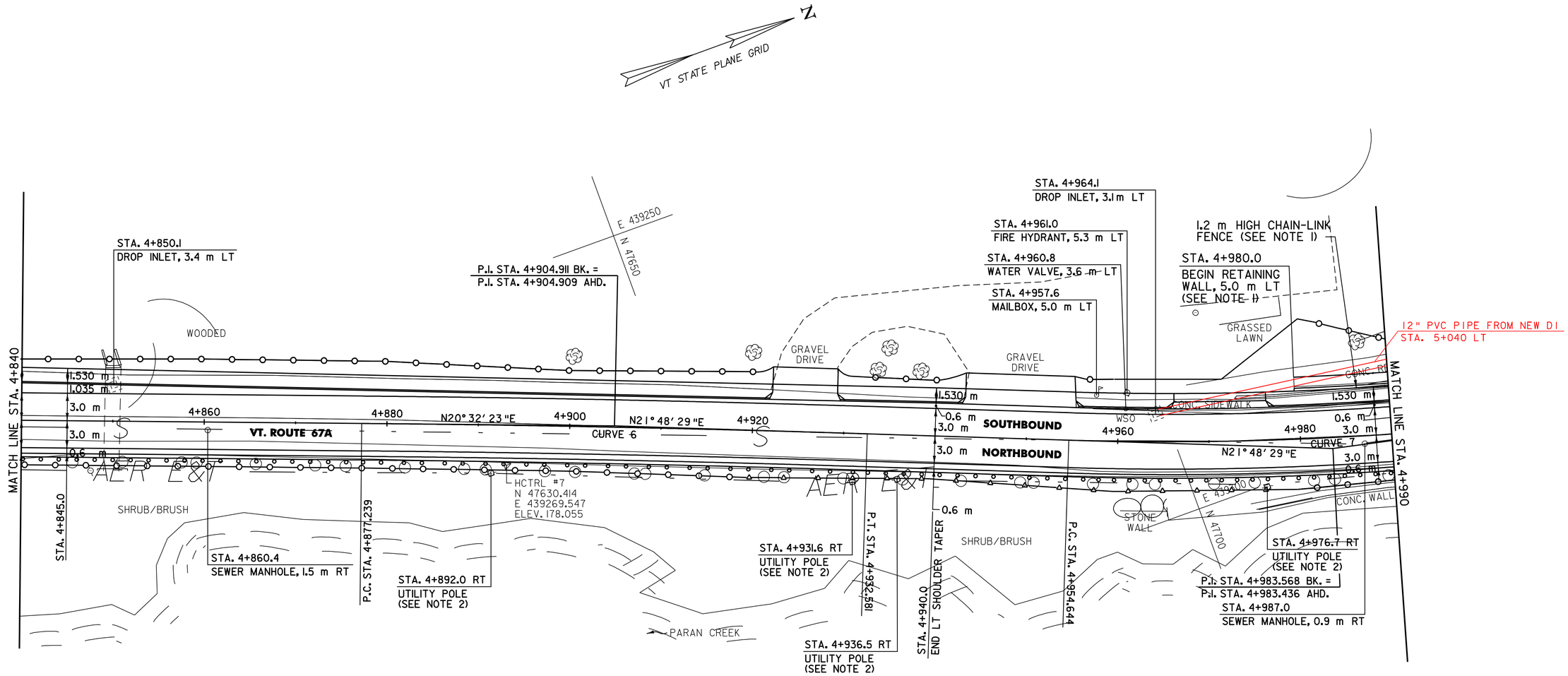
VT. ROUTE 67A:
STA. 4+840.0 - STA. 4+922.3 LT (82.3 m)
STA. 4+930.0 - STA. 4+943.5 LT (13.5 m)
STA. 4+955.8 - STA. 4+990.0 LT (34.2 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

VT. ROUTE 67A:
STA. 4+840.0 - STA. 4+990.0 LT (232.5 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 4+925.647 LT
STA. 4+949.167 LT
STA. 4+971.147 LT



526.20 CONCRETE BIN-TYPE RETAINING WALL (MOD.)

VT. ROUTE 67A:
STA. 4+980.0 - STA. 4+990.0 LT (3.7 m^2)

604.412 REHABILITATION OF DI, CB OR MH, CLASS I

VT. ROUTE 67A:
STA. 4+850.1 LT
STA. 4+964.1 LT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 4+860.4 RT
STA. 4+987.0 RT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

VT. ROUTE 67A:
STA. 4+957.6 LT

620.11 CHAIN-LINK FENCE, 1.2 m

VT. ROUTE 67A:
STA. 4+980.0 - STA. 4+990.0 LT (10 m)
981

621.30 BOX BEAM GUARDRAIL (GALVANIZED)(MOD. - W/2.1m POST)

VT. ROUTE 67A:
STA. 4+840.0 - STA. 4+990.0 RT (150.0 m)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

VT. ROUTE 67A:
STA. 4+840.0 - STA. 4+990.0 RT (150.0 m)

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 4+960.8 LT

629.29 RELOCATE HYDRANT

VT. ROUTE 67A:
STA. 4+961.0 LT

NOTES:

1. SEE SHEETS 90 AND 91 FOR RETAINING WALL DETAILS AND PROFILE.
2. SEE SHEET 114 FOR REDUCED BOX BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

CURVE 6	CURVE 7
P.C. = STA. 4+877.239	P.C. = STA. 4+954.644
P.T. = STA. 4+932.581	P.T. = STA. 5+012.360
Δ= 01°-16'-06" RT	Δ= 09°-26'-54" LT
R= 2500.000	R= 350.000 m
T= 27.672 m	T= 28.924 m
L= 55.342 m	L= 57.716 m
E= 0.153 m	E= 1.193 m
Θ_{max}= NA	Θ_{max}= NA

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PLAN SHEET #10

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104110.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 42 OF 151 SHEETS

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+081.4 LT (91.4 m)
STA. 5+086.2 - STA. 5+118.4 LT (32.2 m)
STA. 5+122.6 - STA. 5+160.0 LT (37.4 m)

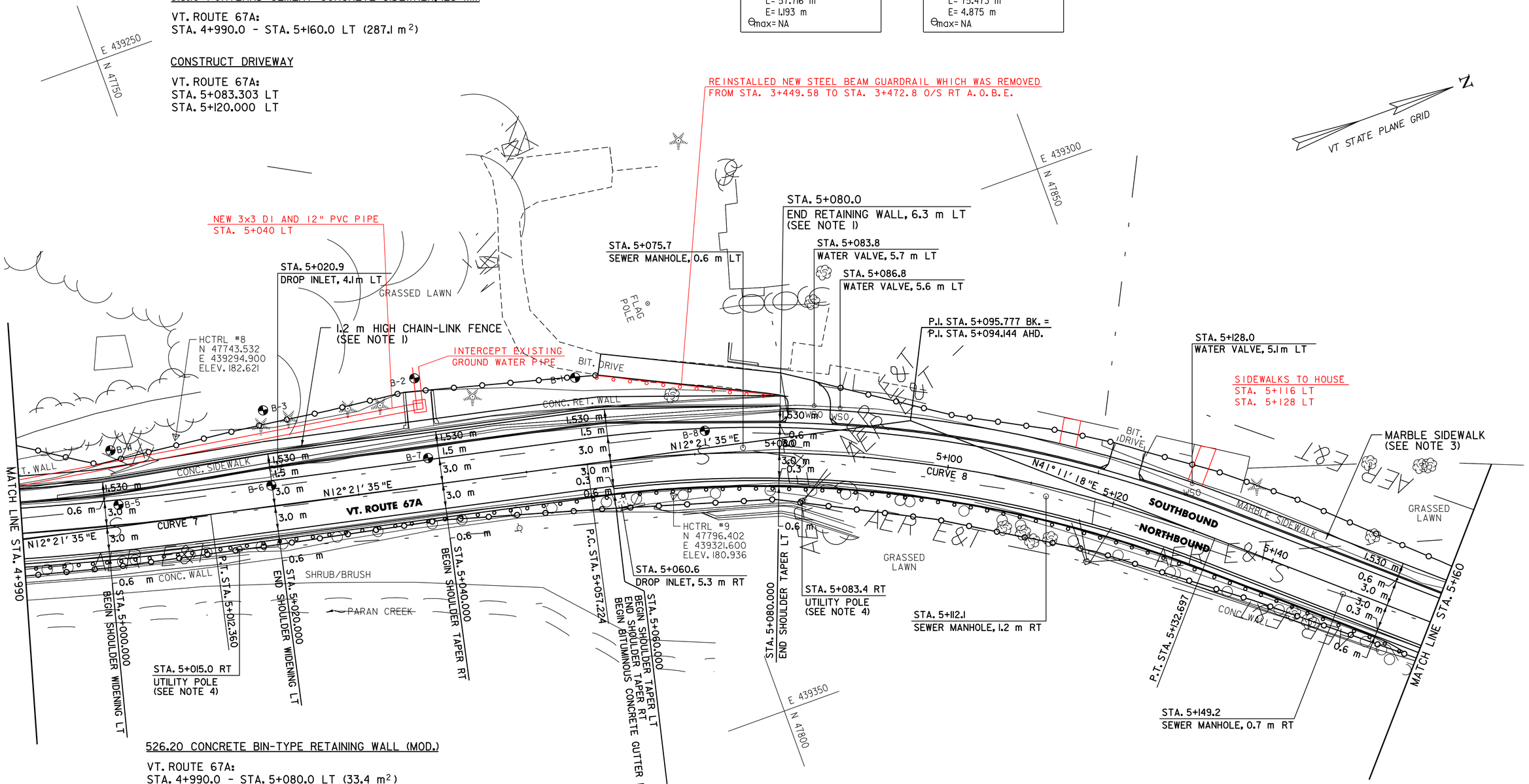
618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+160.0 LT (287.1 m^2)

CONSTRUCT DRIVEWAY

VT. ROUTE 67A:
STA. 5+083.303 LT
STA. 5+120.000 LT

CURVE 7	CURVE 8
P.C. = STA. 4+954.644	P.C. = STA. 5+057.224
P.T. = STA. 5+012.360	P.T. = STA. 5+132.697
Δ= 09°-26'-54" LT	Δ= 28°-49'-43" RT
R= 350.000 m	R= 150.000 m
T= 28.924 m	T= 38.553 m
L= 57.716 m	L= 75.473 m
E= 1.193 m	E= 4.875 m
Θmax= NA	Θmax= NA



526.20 CONCRETE BIN-TYPE RETAINING WALL (MOD.)

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+080.0 LT (33.4 m^2)

604.412 REHABILITATION OF DI, CB OR MH, CLASS I

VT. ROUTE 67A:
STA. 5+020.9 LT
STA. 5+060.6 RT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 5+075.7 LT
STA. 5+112.1 RT
STA. 5+149.2 RT

616.35 TREATED TIMBER CURB

VT. ROUTE 67A: STA. 4+930 - STA. 5+060 RT (130.34m)
STA. 5+~~035.0~~ 060 - STA. 5+~~120.0~~ 155 RT (SEE NOTE 2) (~~170.0~~ 94.32m m)

616.47 BITUMINOUS CONCRETE GUTTERS & TRAFFIC ISLANDS

VT. ROUTE 67A:
STA. 5+060.0 - STA. 5+160.0 RT (9.6 t)

620.11 CHAIN-LINK FENCE, 1.2 m

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+080.0 LT (90 m)

621.30 BOX BEAM GUARDRAIL (GALVANIZED)
(MOD. - W/2.1m POSTS)

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+159.0 RT (169.0 m)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+159.0 RT (169.0 m)

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 5+083.8 LT
STA. 5+086.8 LT
STA. 5+128.0 LT

ITEM 621.71 GUARDRAIL APPROACH SECTION, TYPE II
ADDED STA. 5+151 - STA. 5+159 O/S RT
(END SECTIONS NOT IN CONTRACT)

NOTES:

1. SEE SHEETS 90 AND 91 FOR RETAINING WALL DETAILS AND PROFILE.
2. THE CONTRACTOR SHALL INSTALL A DOUBLE HEIGHT RUN OF TREATED TIMBER CURB AS DIRECTED BY THE RESIDENT ENGINEER.
3. THE CONTRACTOR SHALL SALVAGE ALL SECTIONS OF THE EXISTING MARBLE SIDEWALK AND RETURN IT TO THE VILLAGE OF NORTH BENNINGTON AS DIRECTED BY THE RESIDENT ENGINEER.
4. SEE SHEET 114 FOR REDUCED BOX BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PLAN SHEET #11

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04111.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(11)S
SHEET 43 OF 151 SHEETS

VAOT Metric

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

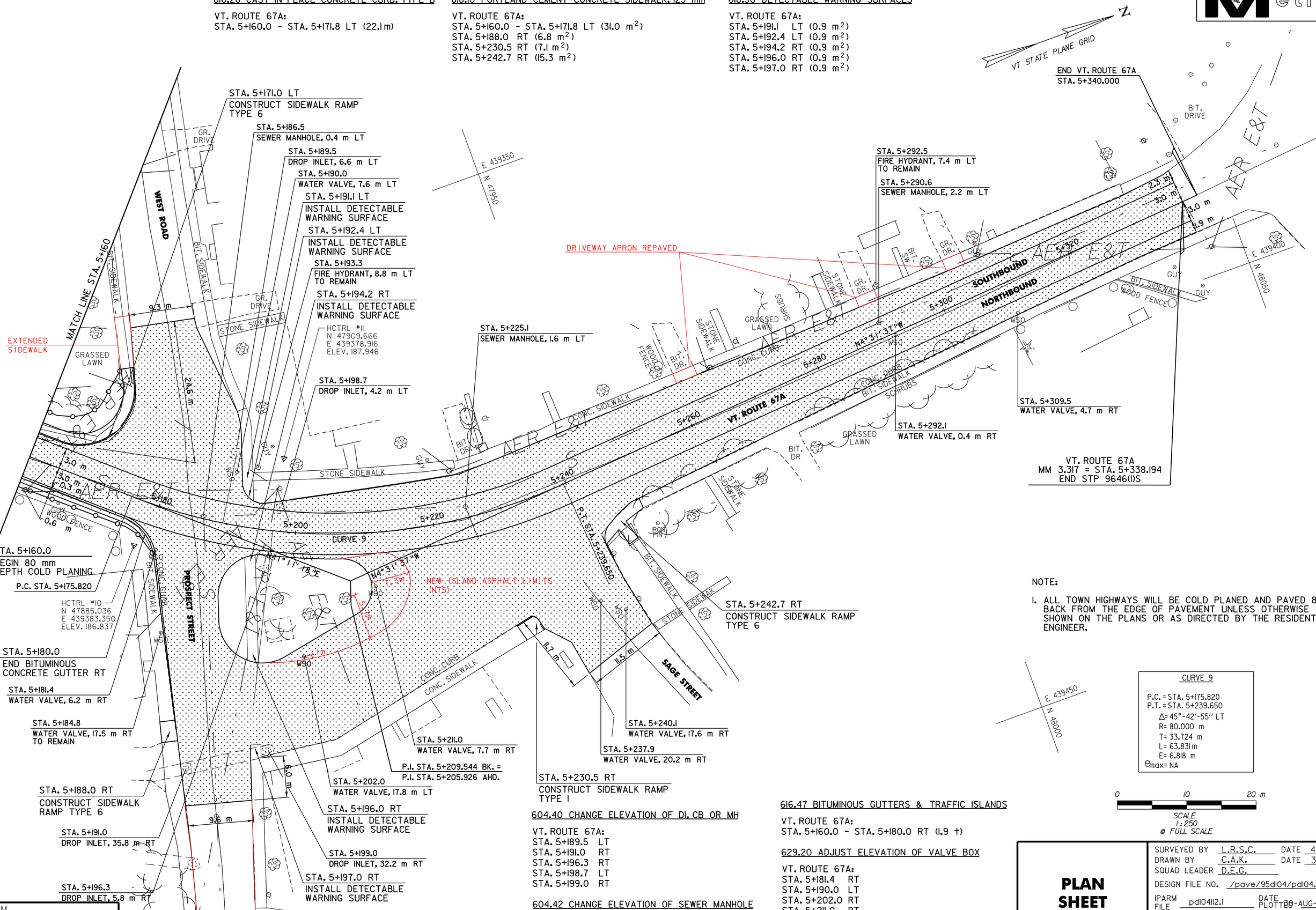
VT. ROUTE 67A:
STA. 5+160.0 - STA. 5+171.8 LT (22.1 m)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm

VT. ROUTE 67A:
STA. 5+160.0 - STA. 5+171.8 LT (31.0 m^2)
STA. 5+188.0 RT (6.8 m^2)
STA. 5+230.5 RT (7.1 m^2)
STA. 5+242.7 RT (15.3 m^2)

618.30 DETECTABLE WARNING SURFACES

VT. ROUTE 67A:
STA. 5+191.1 LT (0.9 m^2)
STA. 5+192.4 LT (0.9 m^2)
STA. 5+194.2 RT (0.9 m^2)
STA. 5+196.0 RT (0.9 m^2)
STA. 5+197.0 RT (0.9 m^2)



604.40 CHANGE ELEVATION OF DI, CB OR MH

VT. ROUTE 67A:
STA. 5+189.5 LT
STA. 5+191.0 RT
STA. 5+196.3 RT
STA. 5+198.7 LT
STA. 5+199.0 RT

604.42 CHANGE ELEVATION OF SEWER MANHOLE

VT. ROUTE 67A:
STA. 5+186.5 LT
STA. 5+225.1 LT
STA. 5+290.6 LT

616.47 BITUMINOUS GUTTERS & TRAFFIC ISLANDS

VT. ROUTE 67A:
STA. 5+160.0 - STA. 5+180.0 RT (1.9 †)

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 67A:
STA. 5+181.4 RT
STA. 5+190.0 LT
STA. 5+202.0 RT
STA. 5+211.0 RT
STA. 5+237.9 RT
STA. 5+240.1 RT
STA. 5+292.1 RT
STA. 5+309.5 RT

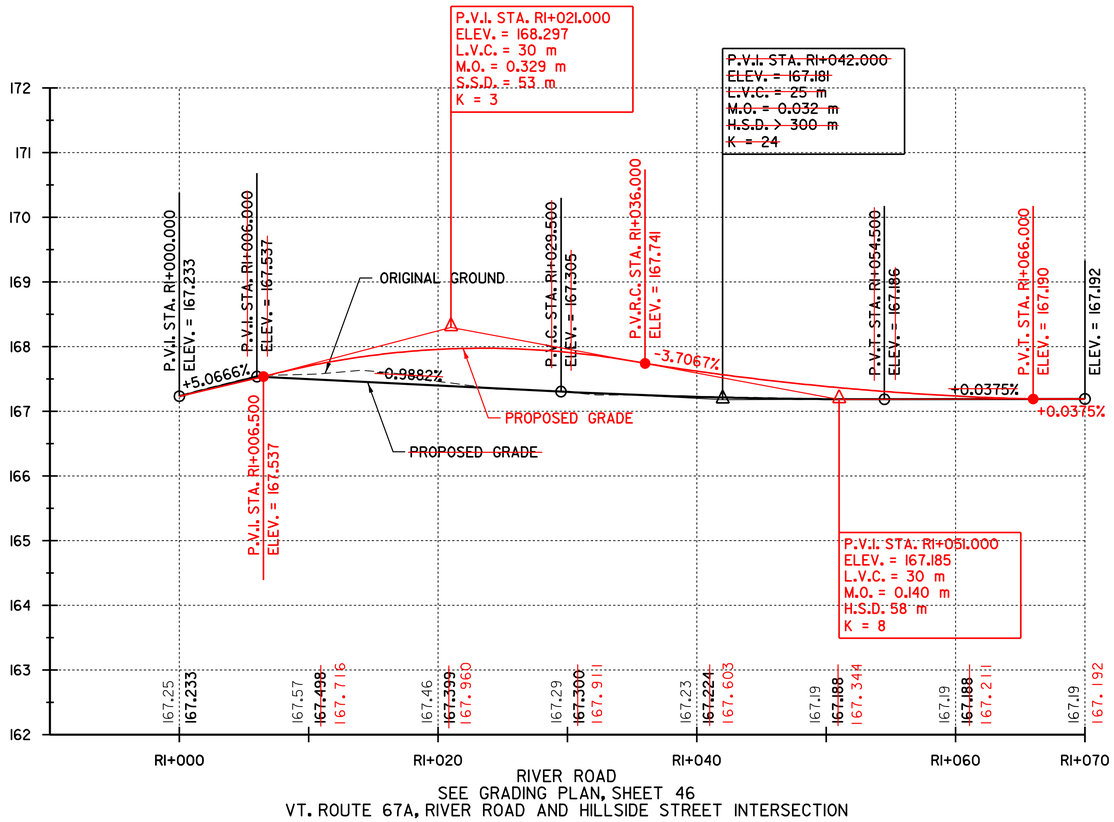
NOTE:

1. ALL TOWN HIGHWAYS WILL BE COLD PLANED AND PAVED 8 m BACK FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

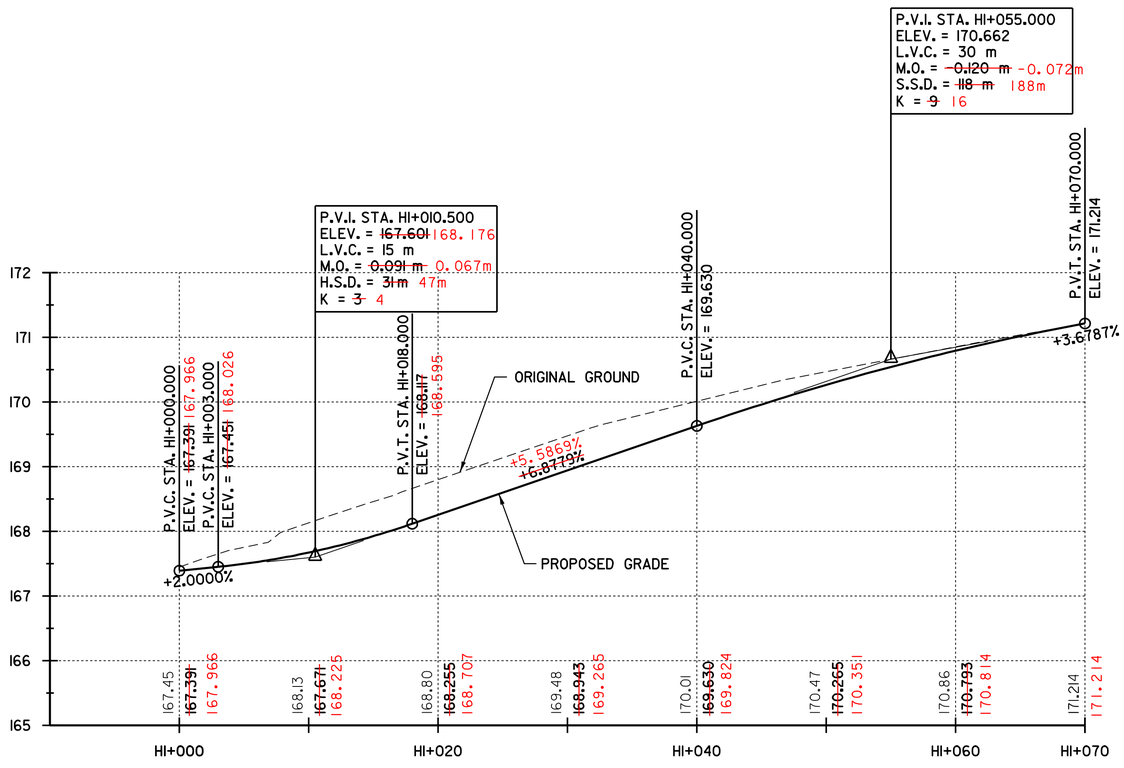
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PLAN SHEET #12

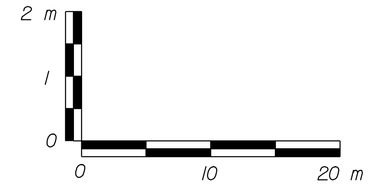
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04il2.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(11)S
SHEET 44 OF 151 SHEETS



RIVER ROAD
SEE GRADING PLAN, SHEET 46
VT. ROUTE 67A, RIVER ROAD AND HILLSIDE STREET INTERSECTION



HILLSIDE STREET
SEE GRADING PLAN, SHEET 46
VT. ROUTE 67A, RIVER ROAD AND HILLSIDE STREET INTERSECTION



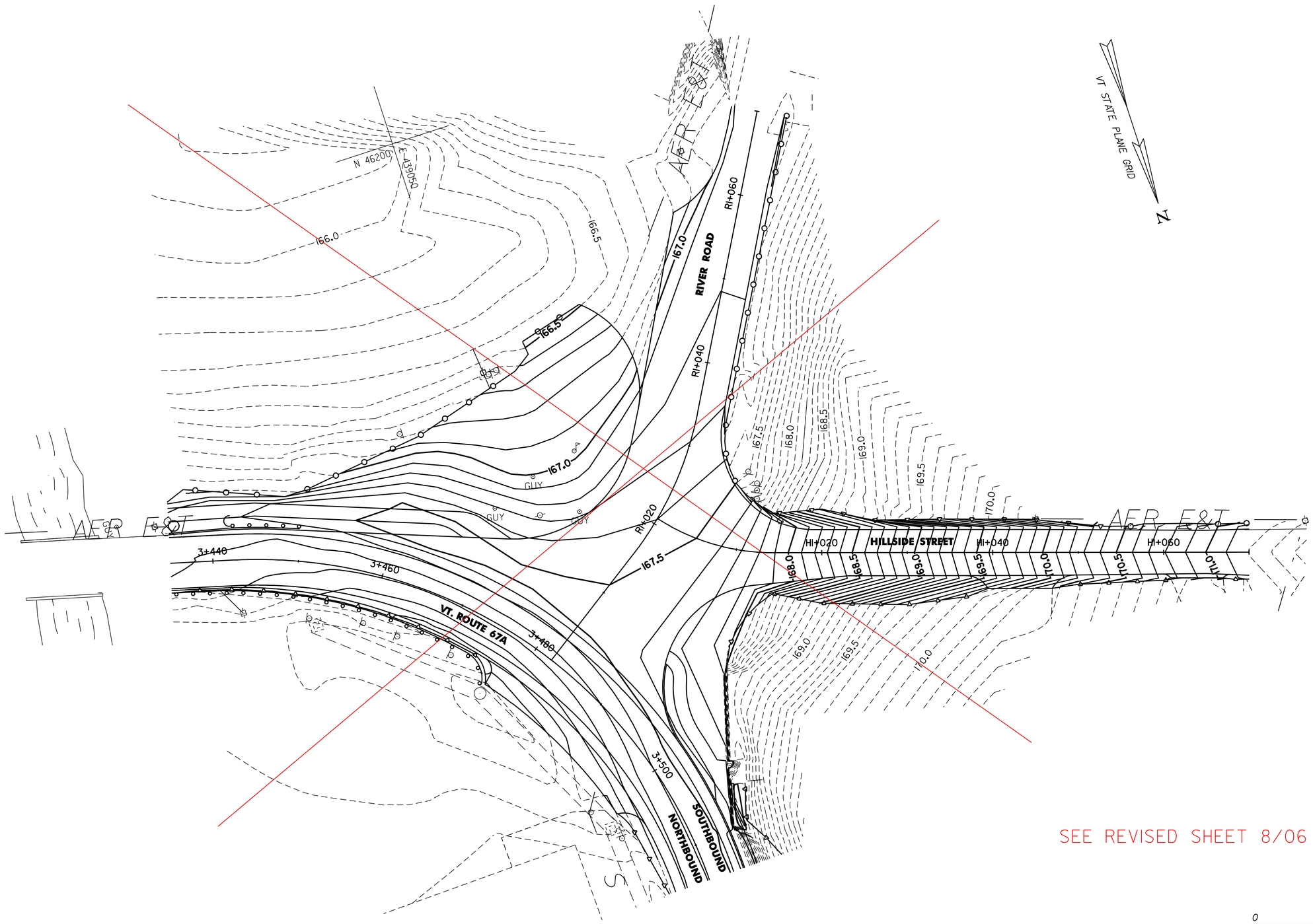
HORIZONTAL SCALE = 1:250 m
VERTICAL SCALE = 1:50 m
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

PROFILES

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ps.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 45 OF 151 SHEETS

VAOT Metric



SEE REVISED SHEET 8/06

0 10 20 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VT. ROUTE 67A, RIVER ROAD & HILLSIDE ST. INTERSECTION GRADING PLAN

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04lgps.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 46 OF 151 SHEETS

1. NARRATIVE

1.1 PROJECT DESCRIPTION

STP 9646(I)S VT. ROUTE 67A IS LOCATED IN THE VILLAGE OF NORTH BENNINGTON, BENNINGTON COUNTY, VERMONT. THE PROJECT BEGINS AT THE INTERSECTION OF HILLSIDE STREET AND RIVER ROAD WITH VT. ROUTE 67A AND EXTENDS NORTHERLY ALONG VT. ROUTE 67A FOR APPROXIMATELY 1900 m. WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A SHIM/LEVELING COURSE AND WEARING COURSE, INTERSECTION RECONFIGURATION, SHOULDER RECONSTRUCTION, NEW SIDEWALK AND CURB, NEW RETAINING WALL CONSTRUCTION, NEW PAVEMENT MARKINGS, NEW SIGNS, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.

1.2 SITE INVENTORY AND ANALYSIS

1.2.1 OFF-SITE DRAINAGE CHARACTERISTICS (UP AND DOWN-GRADIENT)

THE PROJECT AREA LIES WITHIN A SMALL VALLEY LOCATED BETWEEN BINGHAM HILL TO THE EAST AND AN UNKNOWN RAISED AREA TO THE WEST. THIS AREA IS KNOWN AS DRAINAGE BASIN 1, BATTEN KILL, WALLOOMSAC AND HOOSIC RIVERS. THE PROJECT RUNS PARALLEL TO THE PARAN CREEK WHICH IS A TRIBUTARY OF THE WALLOOMSAC RIVER AND RUNS FROM LAKE PARAN TO ITS OUTFALL IN THE WALLOOMSAC RIVER. THE MAJORITY OF ALL SURFACE RUNOFF WITHIN IN THE PROJECT AREA IS COLLECTED IN THE NUMEROUS EXISTING CLOSED DRAINAGE SYSTEMS THAT OUTLET DIRECTLY INTO THE PARAN CREEK.

1.2.2 DRAINAGE, WATERWAYS, BODIES OF WATER

THERE ARE SEVERAL DRAINAGE SYSTEMS THAT ARE LOCATED ALONG THE PROJECT CORRIDOR THAT OUTLET DIRECTLY INTO THE PARAN CREEK. THIS PLAN HAS BEEN PREPARED ASSUMING THAT ONLY INLET GRATE ELEVATION CHANGES AND MINOR DRAINAGE STRUCTURE REHABILITATION WORK WILL BE PERFORMED UNDER THIS CONTRACT. IT IS ANTICIPATED THAT THAT NO EXISTING DRAINAGE SYSTEMS WILL BE MODIFIED DURING THE CONSTRUCTION OF THIS PROJECT. ALSO ALONG THE EASTERN SIDE OF THE PROJECT IS PARAN CREEK WHICH IS A NATURAL WATERWAY THAT RUNS FROM LAKE PARAN LOCATED NORTH OF THE PROJECT LIMITS AND EVENTUALLY FLOWS INTO THE WALLOOMSAC RIVER LOCATED TO THE SOUTH OF THE PROJECT AREA.

1.2.3 TOPOGRAPHY, EXISTING ROADS, BUILDINGS, UTILITITES

THE MAJORITY OF THE EXISTING SITE TOPOGRAPHY CONSISTS OF AN URBAN ARTERIAL ROUTE SITUATED IN A COMMERCIALIZED AREA WITH RESIDENTIAL HOUSES SCATTERED ABOUT THE PROJECT. SANITARY SEWER AND WATER FACILITIES ARE PRESENT WITHIN THE PROJECT AREA, BUT THE IMPACTS ASSOCIATED WITH THIS CONTRACT ARE ANTICIPATED TO BE MINOR. AERIAL FACILITIES ARE ALSO PRESENT WITHIN THE PROJECT LIMITS.

1.2.4 VEGETATION

THE VEGETATION LOCATED WITHIN THE PROJECT LIMITS PRIMARILY CONSISTS OF GRASSED/LAWN AREAS ALONG THE RESIDENTIAL AREAS AND BITUMINOUS CONCRETE AND GRAVEL SURFACES IN THE VICINITY OF THE COMMERCIAL ESTABLISHMENTS. THERE ARE ALSO SOME ISOLATED WOODED AREAS LOCATED ALONG THE PROJECT CORRIDOR AND SOME AREAS OF SHRUBS/BRUSH LOCATED ALONG THE BANKS OF THE PARAN CREEK. IT IS ANTICIPATED THAT THERE WILL BE NO IMPACTS TO THE WOODED OR SHRUB/BRUSH AREAS DURING THE CONSTRUCTION OF THIS PROJECT. DUE TO THE RECONSTRUCTION OF THE SHOULDERS AND THE CONSTRUCTION OF A NEW SIDEWALK MOST LAWN AREAS WILL NEED TO BE REGRADED AND RESEEDED TO ESTABLISH TURF TO STABILIZE THE SOIL.

1.2.5 SOILS

THE SOILS LOCATED WITHIN THE PROJECT LIMITS HAVE BEEN PRIMARILY CLASSIFIED AS POTENTIALLY HIGHLY ERODIBLE OR HIGHLY ERODIBLE BY THE UNITED STATES DEPARTMENT OF AGRICULTURE'S NATIONAL RESOURCE CONSERVATION SERVICE (NRCS). THE FOLLOWING IS A LIST OF SOIL TYPES THAT ARE LOCATED WITHIN THE PROJECT AREA.

MAP UNIT TYPE *	DESCRIPTION	SLOPES (%)	ERODIBILITY	ERODIBILITY FACTOR (K)
64C	STOCKBRIDGE LOAM	8-15	HIGHLY ERODIBLE	0.24
65D	STOCKBRIDGE LOAM VERY SANDY	15-25	HIGHLY ERODIBLE	0.24
70B	GROTON GRAVELY FINE SANDY LOAM	3-8	POTENTIALLY HIGHLY ERODIBLE	0.17
70E	GROTON GRAVELY FINE SANDY LOAM	25-68	HIGHLY ERODIBILE	0.17

* MAP UNIT TYPE IS FROM THE NRCS SOIL SURVEY MAP FOR BENNINGTON COUNTY, VERMONT. SEE SHEETS 53 THROUGH 64 FOR MAP UNIT BOUNDARY LINES.

1.2.6 SENSITIVE RESOURCE AREAS

THE NORTHERN END OF THE PROJECT AREA IS LISTED WITH THE NATIONAL REGISTER OF HISTORIC PLACES AND IS KNOWN AS THE NORTH BENNINGTON HISTORIC DISTRICT. THERE ARE ALSO A NUMBER OF HISTORIC STRUCTURES SCATTERED ABOUT THE PROJECT AREA SOUTH OF THE HISTORIC DISTRICT. ALSO THE PARAN CREEK RUNS PARALLEL ALONG THE EASTERN SIDE AND THERE ARE SOME SMALL ISOLATED WETLANDS SCATTERED ABOUT THE PROJECT AREA. THERE IS ALSO A 15 m (50 FT) BUFFER ASSOCIATED WITH THE CREEK AND THE WETLANDS. THE CONTRACTOR SHALL PROTECT ALL FEATURES BEYOND THE CONSTRUCTION LIMITS FROM IMPACTS THROUGHOUT THE DURATION OF THE PROJECT.

1.2.7. PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES

LOCATED ALONG THE ENTIRE EASTERN SIDE OF THE PROJECT AREA IS THE PARAN CREEK A TRIBUTARY TO THE WALLOOMSAC RIVER WHICH FLOWS FROM LAKE PARAN LOCATED TO THE NORTH OF THE PROJECT AREA UNDER VT. ROUTE 67A EAST OF THE PROJECT LIMIT AND INTO THE WALLOOMSAC RIVER LOCATED TO THE SOUTH OF THE PROJECT AREA.

1.3 TEMPORARY EROSION SEDIMENT CONTROL

1.3.1 DESCRIPTION OF ALL TEMPORARY STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED THROUGH BEST MANAGEMENT PRACTICES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. THE FOLLOWING IS A LIST OF TEMPORARY EROSION CONTROL MEASURES THAT SHALL BE IMPLEMENTED DURING THE CONSTRUCTION OF THIS PROJECT AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR:

- PROJECT DEMARCATION FENCE
- SILT FENCE
- INLET PROTECTION
- CHECK DAMS

1.3.2 DESIGN CALCULATIONS FOR ALL TEMPORARY STRUCTURAL CONTROL MEASURES

DUE TO THE TOPOGRAPHY ASSOCIATED WITH THE PROJECT ENVIRONS AND THE EXTENT OF THE PROPOSED WORK ANTICIPATED, NO TEMPORARY STRUCTURAL EROSION CONTROL MEASURE DESIGN CALCULATIONS WERE PERFORMED AT THIS TIME.

1.4 FINAL EROSION CONTROL MEASURES

1.4.1. DESCRIPTION OF PERMANENT EROSION AND SEDIMENT CONTROL MEASURES

EXISTING CULVERT OUTLETS SHALL BE PERMANENTLY PROTECTED WITH STONE APRONS AND ALL UNPAVED SURFACES SHALL BE SEEDED AND MULCHED TO PREVENT FUTURE EROSION AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

GENERAL NOTES FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

1. THE EROSION PREVENTION & SEDIMENT CONTROL PLANS (EP&SCP) ARE MEANT AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT AS REQUIRED BY THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001. THE WORK OUTLINED IN THIS NARRATIVE CONSISTS OF APPLYING MEASURES THROUGHOUT THE LIFE OF THE PROJECT TO CONTROL EROSION AND MINIMIZE THE SEDIMENTATION OF RIVERS, STREAMS AND/OR IMPOUNDMENTS SUCH AS LAKES AND RESERVOIRS. THE MEASURES CONSIST OF STABILIZATION AND STRUCTURAL PRACTICES, STORM WATER CONTROLS AND OTHER MISCELLANEOUS POLLUTION PREVENTION CONTROLS.

2. COORDINATE THE INSTALLATION, USE, AND REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES WITH ROADWAY CONSTRUCTION ACTIVITIES TO ASSURE ECOLOGICAL, EFFECTIVE, AND CONTINUOUS EROSION PREVENTION AND SEDIMENT CONTROL. EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES AS CONSTRUCTION PROCEEDS.

3. INSPECTION OF SOIL EROSION AND POLLUTION CONTROL MEASURES SHALL BE DONE EVERY SEVEN (7) CALENDER DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. REPAIRS SHALL BE MADE AS NEEDED WHEN DAMAGE TO MEASURES ARE DISCOVERED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS APPROACHING ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

4. INSTALL ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE EP&SCP OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. DO NOT MODIFY THE TYPE, SIZE, OR LOCATION OF ANY CONTROL OR PRACTICE WITHOUT APPROVAL FROM THE ON-SITE PLAN COORDINATOR.

5. PREVENTING INITIAL SOIL EROSION IS MUCH MORE EFFECTIVE THAN TRYING TO CONTROL ERODED SEDIMENT. THEREFORE STABILIZE ALL DISTURBED AREAS AS SOON AS IS PRACTICAL BUT NO MORE THAN TWO DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED EXCEPT FOR PERIMETER CONTROL MEASURES, WHICH SHALL BE INSTALLED PRIOR TO THE START OF ANY CLEARING, GRUBBING OR GRADING ACTIVITY.

6. THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND SEED ALL SLOPES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

7. THE CONTRACTOR SHALL HAVE A HYDROSEEDER AND/OR A MULCHING MACHINE AVAILABLE ON THE PROJECT SITE OR AVAILABLE AT ONE WEEK'S NOTICE (MAXIMUM) UNTIL THE PERMANENT SEEDING IS COMPLETED.

8. CONTROL ONLY SEDIMENT LADEN RUNOFF GENERATED BY THE PROJECT SITE. SEPARATE AND QUICKLY ROUTE CLEAN OFFSITE RUNOFF THROUGH THE PROJECT BY USING EARTH DIVERSION BERMS, DIVERSION CHANNELS, AND CULVERTS. A TEMPORARY LINING MATERIAL MAY BE REQUIRED WHERE THE CONTRACTOR PROVIDES TEMPORARY CHANNELS TO KEEP CONTRACTOR'S WORK SITES FREE FROM WATER DURING CONSTRUCTION AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

9. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE WATERS OF THE UNITED STATES FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO THE WATERS OF THE UNITED STATES ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH WOULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM THE WATERS OF THE UNITED STATES, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN STREAM WATER QUALITY.

10. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE UNITED STATES, NOR SHALL WASHING FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS OF THE UNITED STATES.

GENERAL NOTES FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL (CONT.)

11. DO NOT ALLOW CONSTRUCTION VEHICLES TO TRACK SEDIMENT OFFSITE OF THE PROJECT LIMITS.

12. DO NOT ALLOW ANY CONSTRUCTION EQUIPMENT TO OPERATE OR ACCESS ON THE DOWN SLOPE SIDE OF PERIMETER CONTROL MEASURES.

13. DO NOT ALLOW ANY CROSSING OF A FLOWING STREAM OR DISTURBANCE OF THE EXISTING STREAM BANK BY CONSTRUCTION EQUIPMENT EXCEPT AS AUTHORIZED BY THE ON-SITE PLAN COORDINATOR.

14. IN GENERAL, PRESERVE EXISTING VEGETATION, TREES, AND SHRUBS WHEN POSSIBLE AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

CONSTRUCTION SEQUENCING NOTES:

PHASE 1 - ESTABLISH PERIMETER CONTROLS

1. PRIOR TO BEGINNING ANY WORK WITHIN THE PROJECT LIMITS, PROJECT DEMARCATION FENCING SHALL BE ERECTED ALONG THE ENTIRE PROJECT AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

2. INSTALL ALL NECESSARY EROSION CONTROL ITEMS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

PHASE 2 - RECONSTRUCT EXISTING ROADWAYS

1. THE CONTRACTOR SHALL RECONSTRUCT THE EXISTING ROADWAY BY UTILIZING TEMPORARY LANE CLOSURES AND MAINTAINING ONE-WAY TRAFFIC ON ONE UNOBSTRUCTED 3.0 m LANE AT ALL TIMES THROUGH THE PROJECT AREA DURING WORKING HOURS. TRAFFIC SHALL BE RESTORED TO NORMAL OPERATIONS DURING NON-WORKING HOURS AND ALL HOLIDAYS PER SECTION 100 OF THE VERMONT AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001.

2. THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED ROADWAY IN SUCH A MANNER THAT MINIMIZES THE DURATION OF EXPOSED GROUND BY STAGING HIS ACTIVITIES SO THAT ALL DISTURBED AREAS WILL BE EITHER PAVED OR STABILIZED AT THE END OF EACH WORK DAY. NO LONGITUDINAL DROP OFFS SHALL EXIST WITHIN THE PROJECT AREA DURING NON-WORKING HOURS. IT IS ANTICIPATED THAT THE CONTRACTOR WILL FIRST CONSTRUCT THE PROPOSED HILLSIDE STREET AND RIVER ROAD INTERSECTION, COLD PLANE THE EXISTING ROADWAY SURFACE, THEN RECONSTRUCT THE EASTERN SHOULDER, AND THEN RECONSTRUCT THE WESTERN SHOULDER ALONG WITH CONSTRUCTING THE PROPOSED SIDEWALK AND RETAINING WALLS. ONCE THE CONTRACTOR HAS INSTALLED ALL INCIDENTAL ITEMS AND THE SIDE SLOPES HAVE BEEN STABILIZED, THE FINAL PAVEMENT COURSES MAY BE PLACED.

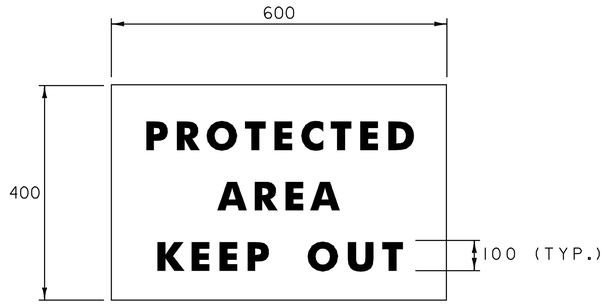
PHASE 3 - REMOVE ALL TEMPORARY EROSION CONTROL AND PERIMETER CONTROL MEASURES

1. THE CONTRACTOR SHALL ONLY REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS AND THE PERIMETER CONSTRUCTION FENCE ONCE ALL WORK HAS BEEN COMPLETED AND THE SLOPES HAVE BEEN STABILIZED AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL NOTES

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY K.A.R. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04tepscn.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 47 OF 151 SHEETS



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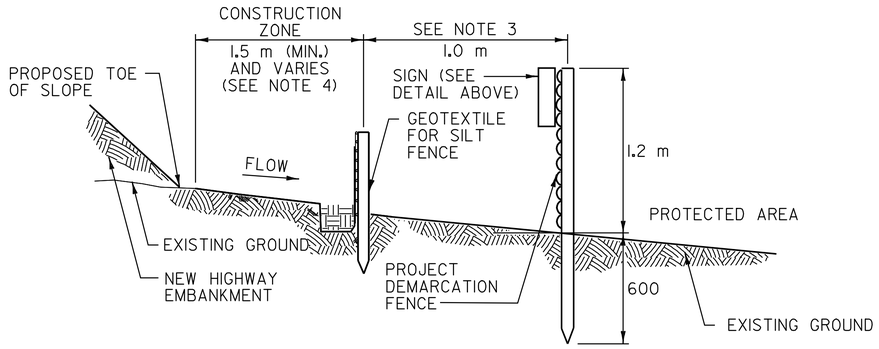

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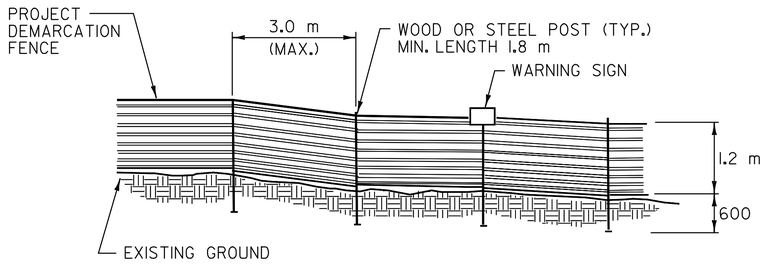


ELEVATION

NOTES:

1. WARNING SIGNS SHALL BE PLACED AT 60 m INTERVALS
2. PROJECT DEMARCATION FENCE SHALL BE INSTALLED PRIOR TO BEGINNING ANY WORK AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
3. IN AREAS ADJACENT TO OR WITHIN A WETLAND THE ON-SITE PLAN COORDINATOR MAY REQUIRE PROJECT DEMARCATION FENCE TO BE PLACED IN COMBINATION WITH THE SILT FENCE.
4. THE ON-SITE PLAN COORDINATOR MAY EXTEND THE DISTANCE BETWEEN THE PROPOSED TOE OF SLOPE AND SILT FENCE PROVIDING IT DOES NOT TAKE PLACE IN A WETLAND/WATERBODY AND DOES NOT REQUIRE THE REMOVAL OF EXISTING VEGETATION.
5. THE CONTRACTOR SHALL INSTALL PROJECT DEMARCATION FENCE AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION AROUND THE EXISTING AREAS AS SHOWN. THE CONTRACTOR SHALL NOT DISTURB THE FENCED AREAS.

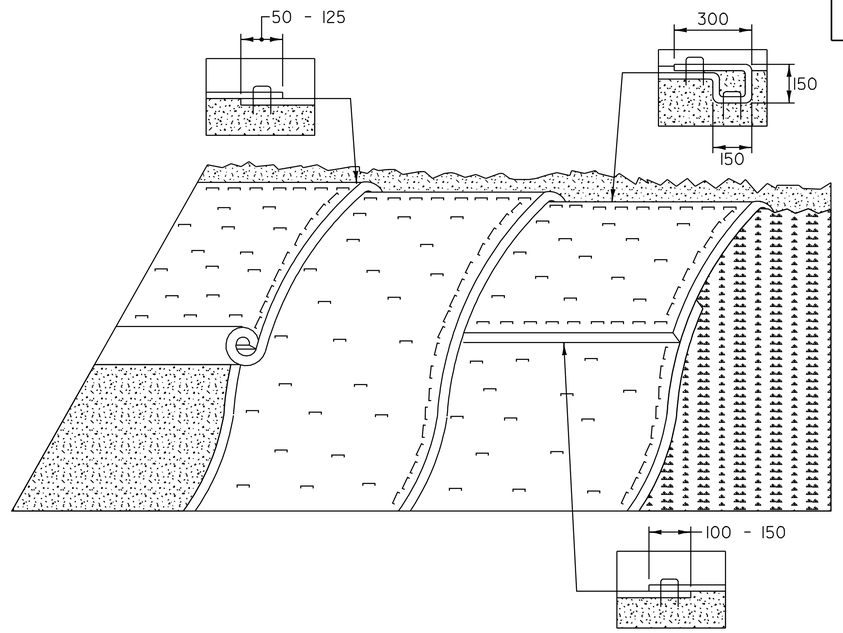
CONSTRUCTION FENCE

N.T.S.

STANDARD SYMBOL

— PDF —

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)



EROSION PREVENTION FOR SIDE SLOPES

APPLICATION NOTES:

A. THE PURPOSE OF MATTING ON SIDE SLOPES IS TO REDUCE EROSION AND AID THE ESTABLISHMENT OF VEGETATION

B. EROSION CONTROL MATTING SHALL BE USED FOR THE FOLLOWING REASONS:

* SIDE SLOPES > 1:3
* AREAS WHERE SEED AND MULCH WILL NOT STAY IN PLACE ALONE
* WHERE SEEDING IS OUTSIDE THE GROWING SEASON.

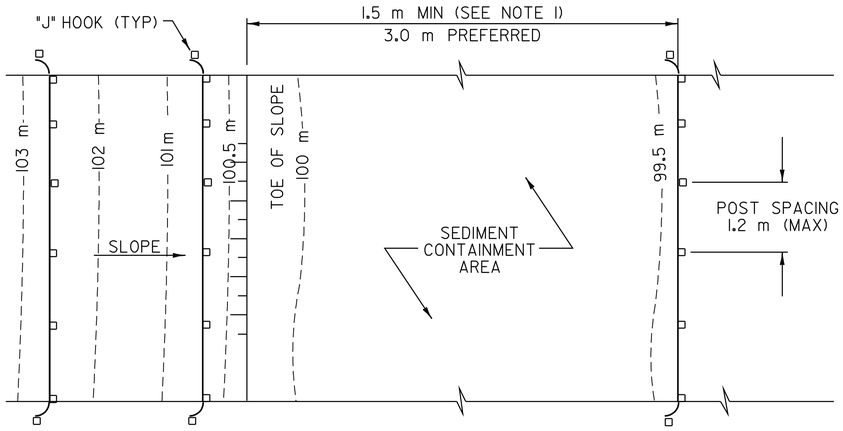
GENERAL NOTES:

1. GRADE AND SMOOTH THE SLOPE TO PROVIDE GOOD MATTING TO SOIL SURFACE CONTACT.
2. APPLY FERTILIZER, LIME, AND SEED PRIOR TO PLACING MATTING.
3. ANCHOR MATTING AS SHOWN, UTILIZING ANCHOR STAPLES. STAPLE PLACEMENT SHALL BE DETERMINED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. UNROLL MATTING VERTICALLY DOWN SLOPE IN THE DIRECTION OF WATER FLOW.
5. OVERLAP UPPER MATTING OVER LOWER MATTING AS SHOWN.
6. OVERLAP ADJACENT MATTING AS SHOWN.
7. CUT EXCESS MATTING AT END OF SLOPE AND ANCHOR THE END.
8. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
9. MATTING SHALL BE REPAIRED AND RESTAPLED AS NECESSARY TO ENSURE PROPER FUNCTION.
10. PAYMENT FOR INSTALLATION OF MATTING SHALL BE MADE UNDER ITEM 654.10 EROSION MATTING.
11. PAYMENT FOR MONITORING EROSION CONTROL MATTING SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN.
12. PAYMENT FOR MAINTAINING EROSION CONTROL MATTING SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.

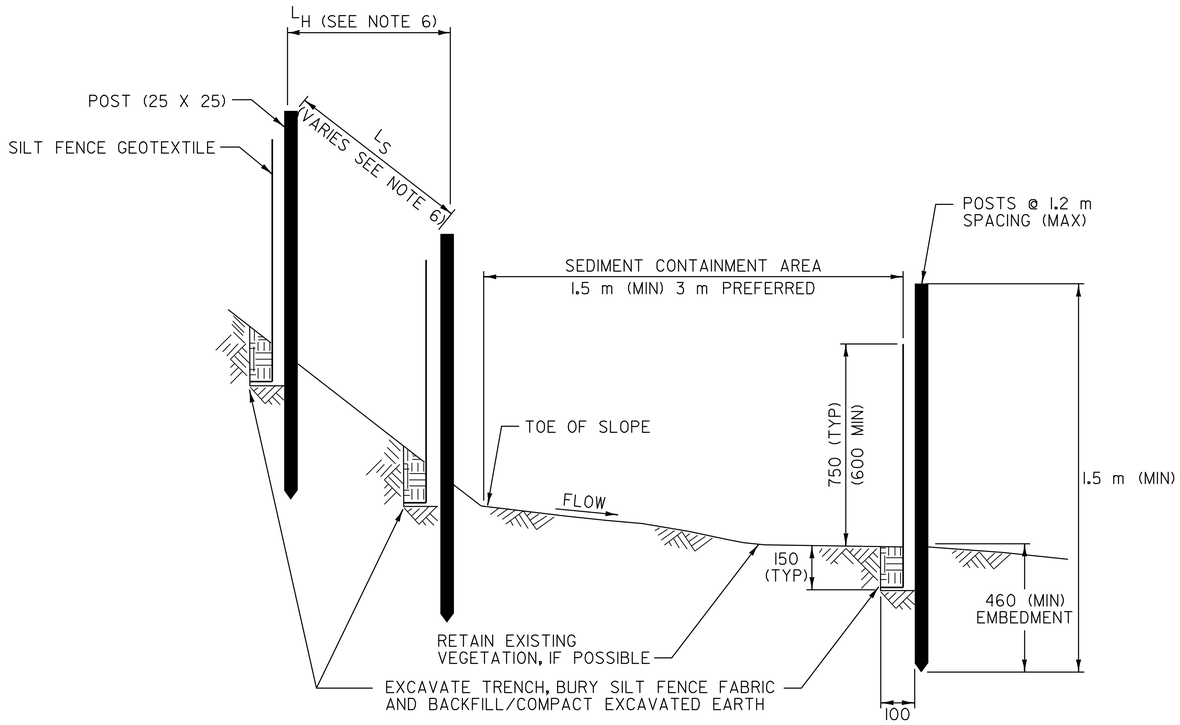
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY K.A.R. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04tepscdl.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 48 OF 151 SHEETS



PLAN



SECTION

SILT FENCE – TEMPORARY

N.T.S.

STANDARD SYMBOL

APPLICATION NOTES:

A. THE PRIMARY PURPOSE OF SILT FENCE IS TO REDUCE RUNOFF VELOCITY AND TRAP SEDIMENT. VELOCITY IS REDUCED, WATER IS IMPOUNDED BEHIND THE MEASURE, AND SEDIMENT FALLS OUT OF SUSPENSION.

B. SILT FENCE SHALL BE INSTALLED ON A LINE OF EQUAL ELEVATION (CONTOUR). IT MAY BE INSTALLED AT INTERMEDIATE POINTS UP SLOPES AS WELL AS AT THE BOTTOM AS SHOWN IN THE DETAIL.

C. SILT FENCE SHALL NOT BE USED ACROSS CONCENTRATED FLOW.

GENERAL NOTES:

1. SILT FENCE SHALL GENERALLY BE PLACED A MINIMUM OF 1.5 m BEYOND TOE OF SLOPE, 3 m PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.

2. ALL ENDS SHALL BE "J" HOOKED TO TRAP SEDIMENT.

3. IN AREAS WITH TWO SLOPES, SILT FENCE SHALL BE USED TO ERECT A DAM AND TRAP SEDIMENT AT THE BASE OF THE STEEPER SLOPE.

4. THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 150 mm BELOW GROUND, AND KEYED IN 100 mm. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.

5. MAXIMUM DRAINAGE AREA TRIBUTARY TO 30 m OF SILT FENCE SHALL BE 0.1 Ha.

6. THE FOLLOWING ARE MAXIMUM SLOPE LENGTHS FOR THESE MEASURES:

CONSTRUCTED SLOPE	SLOPE LENGTH (L_S) m	HORIZONTAL LENGTH (L_H) m
1:2	15	13
1:3	25	24
1:4	40	39
1:5	60	60
> 1:5	80	80

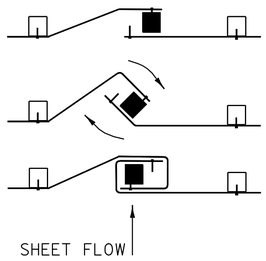
7. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

8. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

9. SILT FENCE SHALL BE REMOVED WHEN THE AREA HAS BEEN STABILIZED. AT TIME OF REMOVAL OF THE SILT FENCE, THE DISTURBED AREA SHALL BE REPAIRED AND STABILIZED.

10. PAYMENT FOR MONITORING SILT FENCE SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN.

11. PAYMENT FOR MAINTAINING SILT FENCE SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.



1. PLACE THE END POST OF ONE FENCE INSIDE THE END POST OF THE OTHER FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. DRIVE BOTH POSTS 450 mm INTO THE GROUND AND BURY THE FLAP IN THE TRENCH.

SPLICING DETAIL

N.T.S.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY K.A.R. DATE 3/06
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DESIGN FILE NO. /pave/95d104/pd104.dgn
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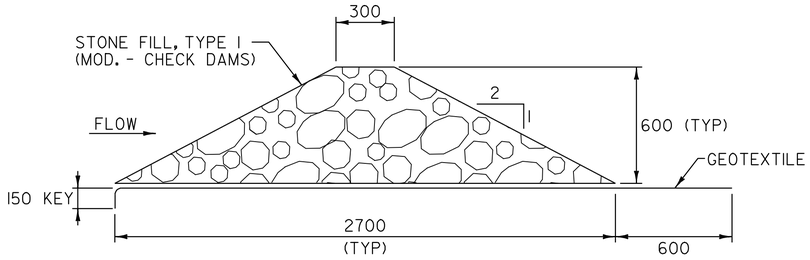
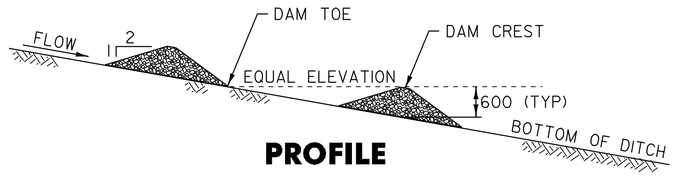
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(1)S
SHEET 49 OF 151 SHEETS



CROSS SECTION



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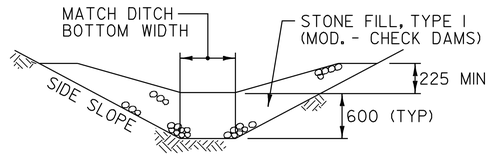
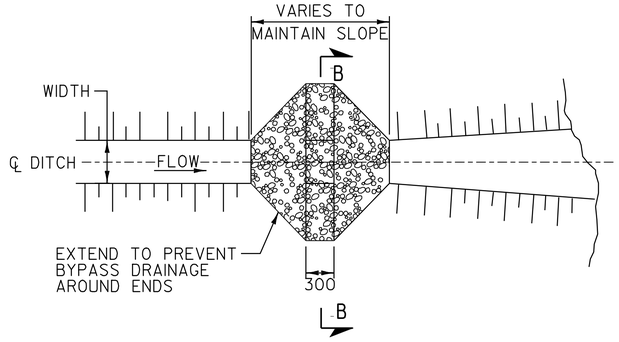


SECTION B–B



PLAN

CHECK DAM – TEMPORARY (STONE)

N.T.S.

STANDARD SYMBOL

STONE CHECK DAM PLACEMENT INTERVAL	
DITCH SLOPE	PLACEMENT INTERVAL**
1%	60 m
2%	30 m
3%	20 m
4%	15 m
5%	12 m
6%	10 m
8%	7.5 m
10%	6 m

** BASED ON 600 mm TYPICAL HEIGHT

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

APPLICATION NOTES:

A. THE PRIMARY PURPOSE OF A CHECK DAM IS TO REDUCE EROSION IN A CHANNEL BY REDUCING FLOW VELOCITY.

B. CHECK DAMS WILL CAPTURE SEDIMENT THAT FALLS OUT OF SUSPENSION BEHIND THE CHECK DAM DUE TO DECREASED VELOCITY.

C. CHECK DAMS ARE NOT INTENDED TO FILTER SEDIMENT FROM TURBID WATER.

D. DETAILS SHOWN SHALL BE USED FOR TEMPORARY INSTALLATION ONLY.

E. PREFABRICATED DAMS ARE NOT TO BE USED ON SLOPES GREATER THAN 5% OR PER MANUFACTURER'S SPECIFICATIONS.

F. PREFABRICATED DAM SPECIFICATIONS SHALL BE PROVIDED TO THE ON-SITE PLAN COORDINATOR FOR APPROVAL PRIOR TO USE.

GENERAL NOTES:

1. GEOTEXTILE SHALL BE INSTALLED UNDER STONE FILL. IT SHALL BE KEYED IN ON THE UPHILL END AND SHALL EXTEND 600 mm BEYOND THE STONE ON THE DOWNHILL END.

2. CORE MATERIAL FOR THE STONE CHECK DAM SHALL MEET THE GRADATION REQUIREMENTS OF STONE FILL TYPE I(MIN.) PER THE VAOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001. STONE SIZE SHOULD BE INCREASED WITH INCREASED SLOPE AND VELOCITY.

3. THE UPHILL END OF THE APRON FOR THE PREFABRICATED CHECK DAM SHALL BE STAPLED AND BURIED AS SHOWN IN DETAIL "A" OR AS RECOMMENDED BY THE MANUFACTURER'S LITERATURE.

4. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

5. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

6. AT TIME OF REMOVAL OF THE CHECK DAMS, THE DISTURBED AREA SHALL BE REPAIRED AND STABILIZED.

7. PAYMENT FOR INSTALLATION AND REMOVAL OF CHECK DAMS SHALL BE MADE UNDER ITEM 613.10 STONE FILL, TYPE I(MOD. - CHECK DAMS)

8. PAYMENT FOR MONITORING CHECK DAMS SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN.

9. PAYMENT FOR MAINTAINING CHECK DAMS SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY K.A.R. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
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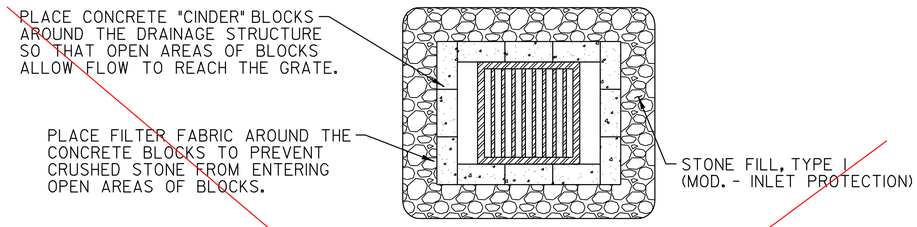
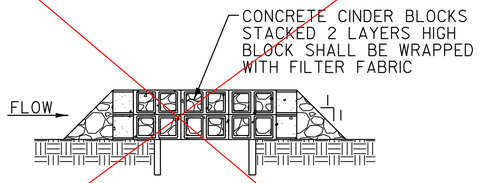
PROJ. NO. STP 9646(I)S
SHEET 50 OF 151 SHEETS



PLAN

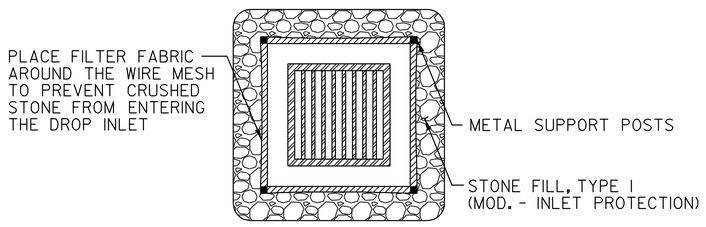


SILT BAGS WERE USED

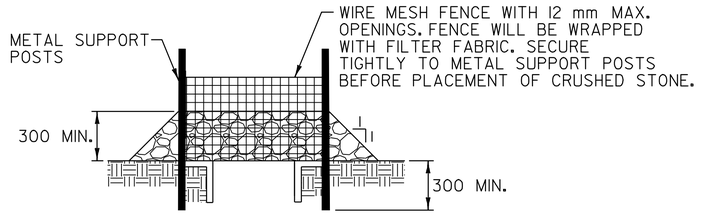
SECTION

ROCK BARRIER DROP INLET PROTECTION TEMPORARY PAVED AREAS

N.T.S.



PLAN



SECTION

ROCK BARRIER INLET PROTECTION TEMPORARY UNPAVED AREAS

N.T.S.

STANDARD SYMBOL

APPLICATION NOTES:

A. THE PRIMARY PURPOSE OF DRAINAGE STRUCTURE INLET PROTECTION IS TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM BY PONDING WATER WHICH ALLOWS SEDIMENT TO FALL OUT OF SUSPENSION.

B. THESE EXAMPLES OF DROP INLET PROTECTION ARE NOT INTENDED FOR USE ON GRADES. ON GRADE THEY MAY CAUSE WATER TO BYPASS THE STRUCTURE, CREATING ADDITIONAL EROSION OR FLOODING.

C. POSSIBLE MODIFICATIONS FOR USE ON GRADE INCLUDE ADDING A BERM DOWNSTREAM OF THE INLET TO CREATE PONDING. CHECK DAMS MAY ALSO BE USED UPSTREAM OF THE INLET TO SLOW VELOCITIES.

GENERAL NOTES:

1. THE TOP OF THE INLET PROTECTION SHALL BE SET AT THE MAXIMUM DESIRED WATER LEVEL BASED ON FIELD LOCATION AND CONDITIONS.
2. FILTER FABRIC GEOTEXTILE SHALL BE A SINGLE CONTINUOUS PIECE TO ELIMINATE JOINTS.
3. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
4. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED, SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
5. PAYMENT OF INLET PROTECTION SHALL BE MADE UNDER ITEM 613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION).
6. PAYMENT FOR MONITORING INLET PROTECTION SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN.
7. PAYMENT FOR MAINTAINING INLET PROTECTION SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #4

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DRAWN BY K.A.R. DATE 3/06
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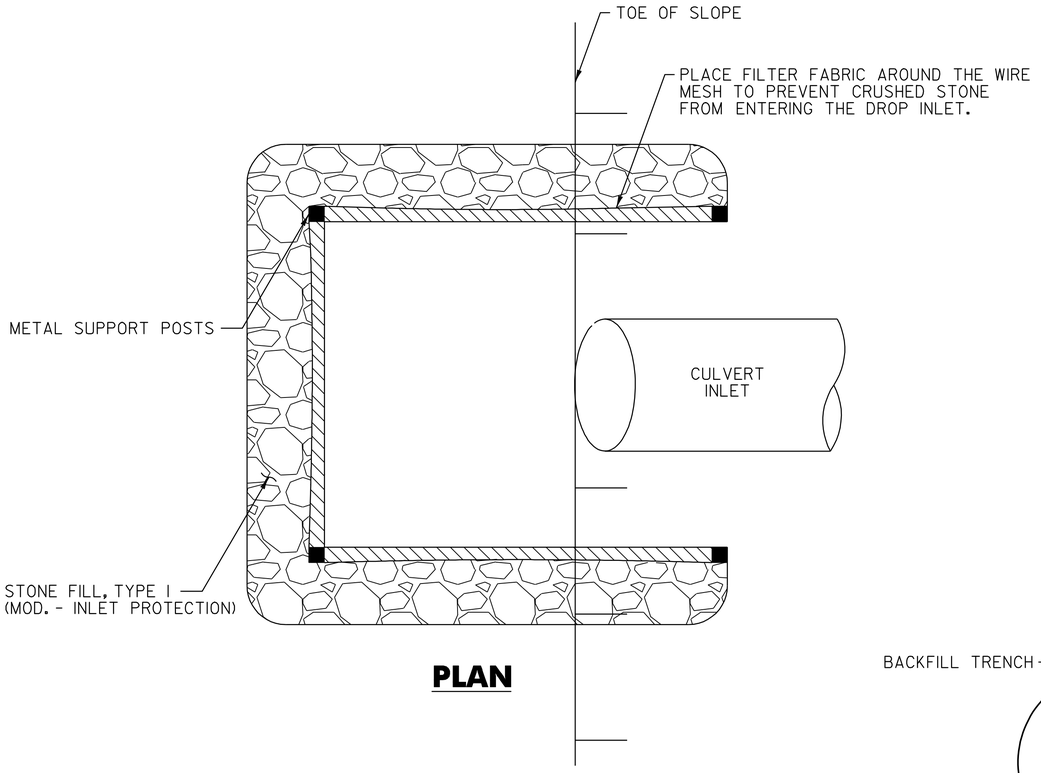
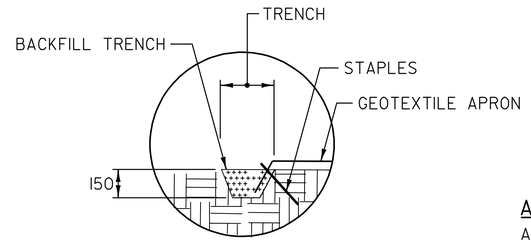
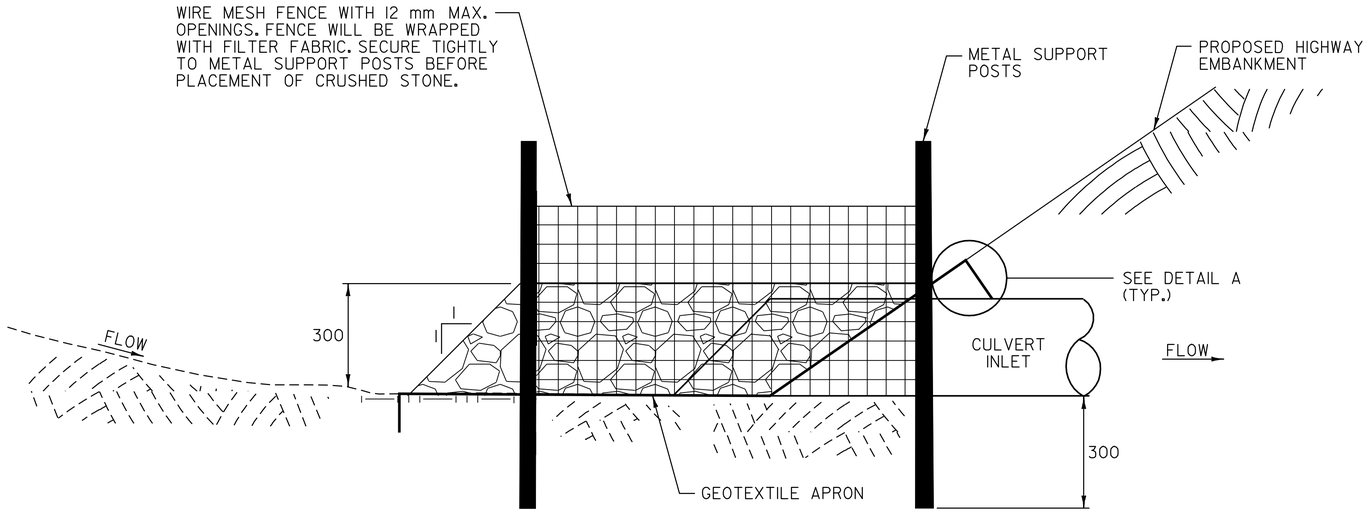
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 51 OF 151 SHEETS



PLAN



DETAIL A



SECTION

STONE CULVERT INLET /OUTLET PROTECTION

N.T.S.

APPLICATION NOTES:

A. THE PRIMARY PURPOSE OF CULVERT INLET PROTECTION IS TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM BY PONDING WATER WHICH ALLOWS SEDIMENT TO FALL OUT OF SUSPENSION.

B. TEMPORARY CULVERT INLET PROTECTIONS ARE NOT INTENDED TO FILTER TURBID WATER.

C. DETAILS SHOWN SHALL BE FOR TEMPORARY INSTALLATIONS ONLY.

GENERAL NOTES:

1. THE TOP OF THE CULVERT INLET PROTECTION SHALL BE SET AT THE MAXIMUM DESIRED WATER LEVEL BASED ON FIELD LOCATION AND CONDITIONS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

2. FILTER FABRIC GEOTEXTILE SHALL BE A SINGLE CONTINUOUS PIECE TO ELIMINATE JOINTS.

3. DRIVE POSTS A MINIMUM OF 450 mm INTO GROUND.

4. FILTER FABRIC GEOTEXTILE SHALL BE EMBEDDED A MINIMUM OF 150 mm AND BACKFILLED. GEOTEXTILE SHALL BE SECURELY FASTENED TO POSTS AND FRAME.

5. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

6. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED, SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

7. PAYMENT OF CULVERT INLET PROTECTION SHALL BE MADE UNDER ITEM 613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)

8. PAYMENT FOR MONITORING CULVERT INLET PROTECTION SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN.

9. PAYMENT FOR MAINTAINING CULVERT INLET PROTECTION SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATUM	
VERTICAL	N/A
HORIZONTAL	NAD83 (1996)

TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #5

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	K.A.R.	DATE	3/06
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PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET	52 OF 151	SHEETS	

VAOT Metric

APPLEJACK WAREHOUSE MANAGEMENT, LLC

DUSABLON, LEONE H.

RICH, ROBERT A

GREEN MOUNTAIN BAPTIST ASSOCIATION

GRATTON, ROBERT, SHARON & RUTH

APPLEJACK WAREHOUSE MANAGEMENT, LLC

VT. ROUTE 67A

RIVER ROAD

HILLSIDE STREET

SOUTHBOUND

NORTHBOUND

VT STATE PLANE GRID

N

HCTRL #1
N 46242.815
E 439050.431
ELEV. 167.000

BITUMINOUS PARKING

BITUMINOUS DRIVE

CLASS II WETLAND

PARAN CREEK

TREES

GRASSED LAWN

GR. DRIVE

CONC. CURB

BIT. SIDEWALK

GUY

EXISTING R.O.W. (TYP.)

PROPERTY LINE (TYP.)

MATCH LINE STA. 3+560

RI+060 RI+040 RI+020

HI+020 HI+040 HI+060

3+400 3+420 3+440 3+460 3+480 3+500 3+520 3+540

166 m 167 m 168 m 169 m 170 m

N 46200 E 439050

N 46300 E 439000

0 10 20 m

SCALE 1:250 @ FULL SCALE

LEGEND

XXX	MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
VEG	SOIL LINE BOUNDARY
	WETLAND / RIPARIAN BOUNDARY
	WETLAND BUFFER
	RIPARIAN BUFFER

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

EXISTING CONDITIONS PLAN #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
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DESIGN FILE NO. /pave/95dl04/pdl04.dgn
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PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 53 OF 151 SHEETS

VAOT Metric

N

VT STATE PLANE GRID

E 439000
N 46350

E 439000
N 46450

GRATTON, ROBERT, SHARON & RUTH

DOTSON, WILLIAM & HOBBS, NANCY

HENDEE, JOANNE

70B

GRASSED LAWN

BIT. DRIVE

GR. DRIVE

CONC. CURB

168 m

3+580 3+600 3+620 3+640 3+660 3+680 3+700

VT. ROUTE 67A

SOUTHBOUND

NORTHBOUND

WSO

GUY

BIT. PARKING

E 439050
N 46400

EXISTING R.O.W. (TYP.)

BENNINGTON COUNTY INDUSTRIAL CORPORATION

APPLEJACK WAREHOUSE MANAGEMENT, LLC

PROPERTY LINE (TYP.)

MATCH LINE STA. 3+560

MATCH LINE STA. 3+720

0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #2

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp2.1 DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 54 OF 151 SHEETS

N
VT STATE PLANE GRID

SWEET, DOUGLAS G. & LINDA A.

PROPERTY LINE (TYP.)

HENDEE, JOANNE

SWEET ROAD

CORCORAN, MARY

CORCORAN, DANIEL

REVETT, ARNOLD & MARGARET

WOODARD, DEBORAH

LEVER ROAD

CARTER, GEORGIANNA

64C

70B

E 439000
N 46600

VEG

GRASSED LAWN

172 m

MATCH LINE STA. 3+880

WSO

GR. DRIVE

CONC. CURB

SOUTHBOUND

NORTHBOUND

3+860

3+840

3+820

3+800

3+780

3+760

3+740

VT. ROUTE 67A

171 m

170 m

169 m

IRON PIN

GUY

CONC. CURB

BIT. DRIVE

BIT. PARKING

HCTRL #3
N 46649.654
E 439019.927
ELEV. 170.953

HCTRL #2
N 46502.436
E 439042.702
ELEV. 168.826

MATCH LINE STA. 3+720

EXISTING R.O.W. (TYP.)

E 439050
N 46550

BENNINGTON COUNTY INDUSTRIAL CORPORATION

E 439050
N 46650

CLASS II WETLAND

0 10 20 m
SCALE
1:250
@ FULL SCALE

LEGEND

XXX	MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
	SOIL LINE BOUNDARY
	WETLAND / RIPARIAN BOUNDARY
	WETLAND BUFFER
	RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #3

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp3.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 55 OF 151 SHEETS

VAOT Metric

N

VT STATE PLANE GRID

COLE, RICHARD & ELIZABETH

SHEWELL, THOMAS & DARLENE

BUELL, ARTHUR & WHITMAN, GAIL

BUELL, ARTHUR & WHITMAN, GAIL

ALLEN, RAYMOND JR.

64C

70E

70B

70B

PROPERTY LINE (TYP.)

EXISTING R.O.W. (TYP.)

BENNINGTON COUNTY INDUSTRIAL CORPORATION

MATCH LINE STA. 3+880

MATCH LINE STA. 4+040

VT. ROUTE 67A

SOUTHBOUND

NORTHBOUND

3+900 3+920 3+940 3+960 3+980 4+000 4+020

E 439000 N 46750

E 439050 N 46700

E 439050 N 46800

VEG

P L

BIT. DRIVE

GR. DRIVE

CONC. CURB

BIT. SIDEWALK

GRASSED LAWN

GUY

WSO

171m

SHRUB/BRUSH

HEAD WALL

CLASS II WETLAND

PARAN CREEK

0 10 20 m

SCALE 1:250 @ FULL SCALE

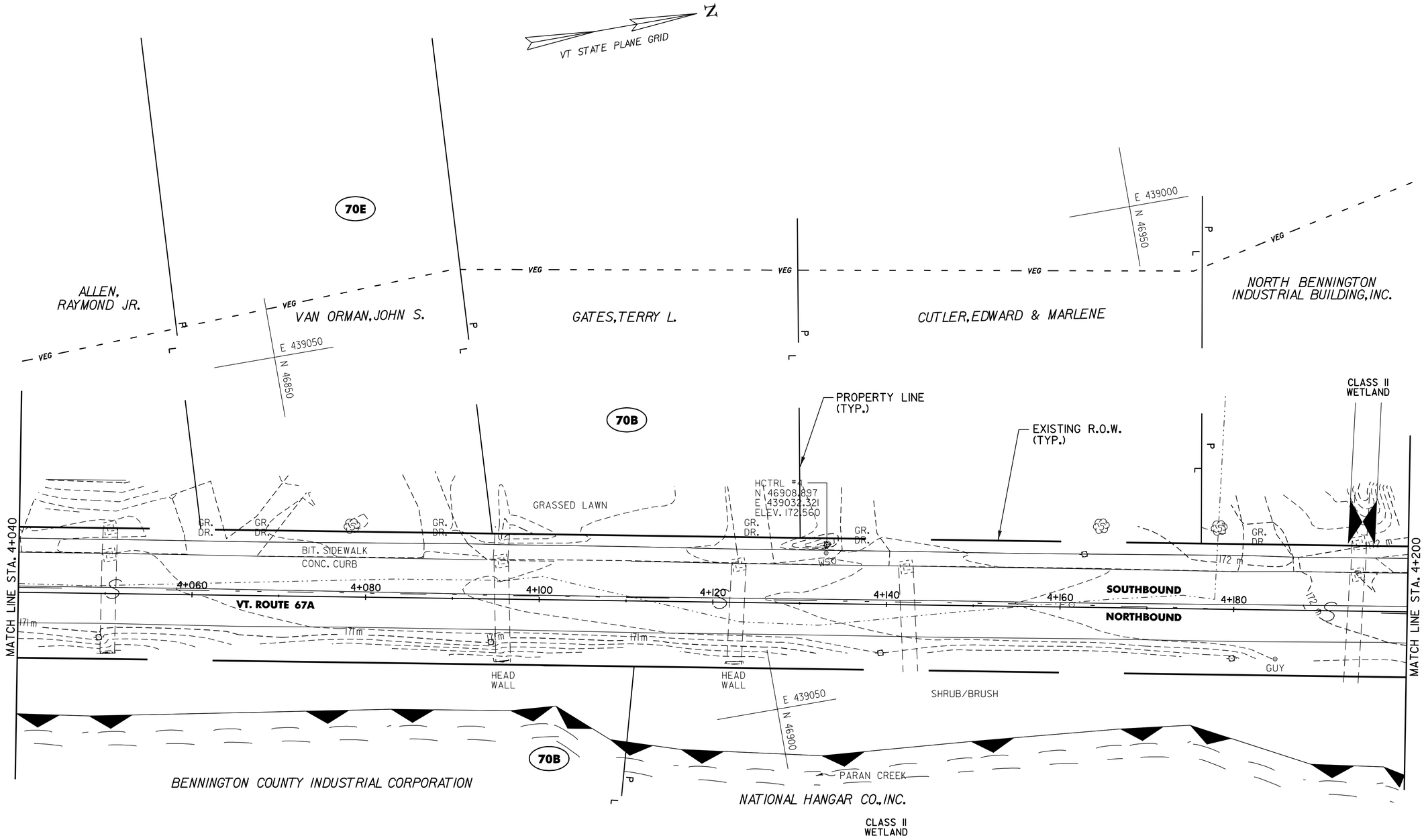
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #4

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp4.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 56 OF 151 SHEETS



0 10 20 m

SCALE
1:250
@ FULL SCALE

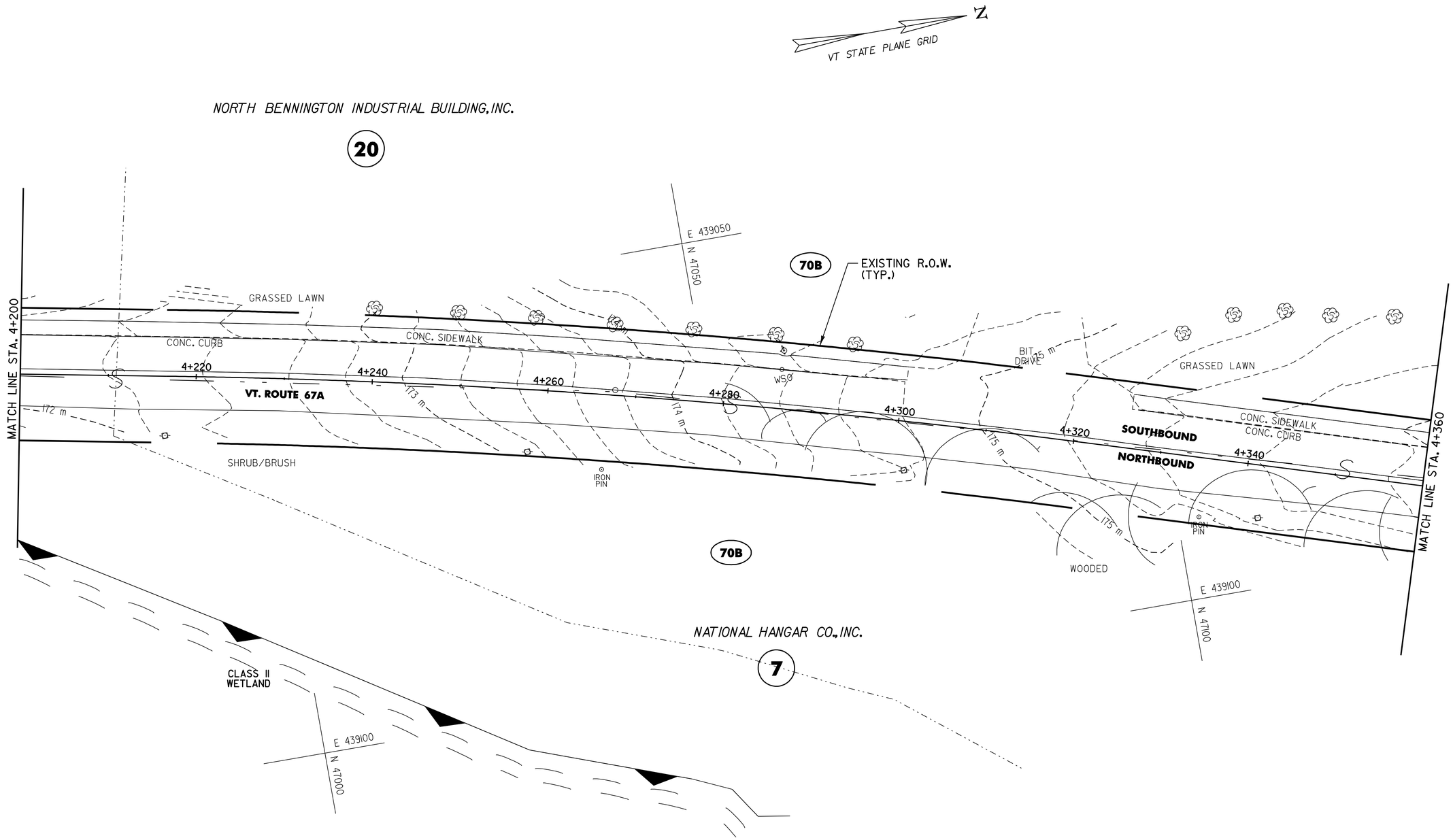
LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #5

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp5.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 57 OF 151 SHEETS



0 10 20 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

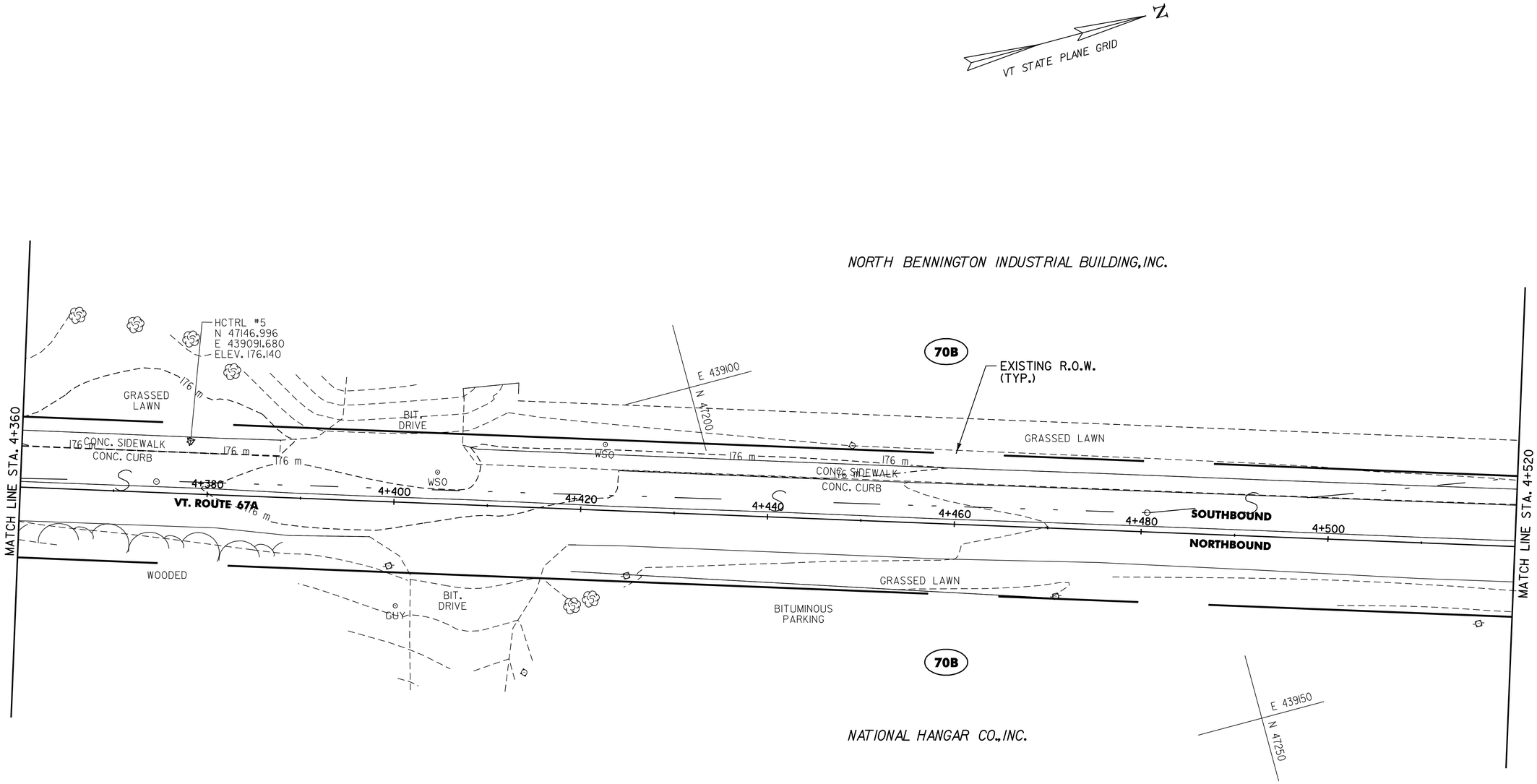
LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #6

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp6.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 58 OF 151 SHEETS

VAOT Metric



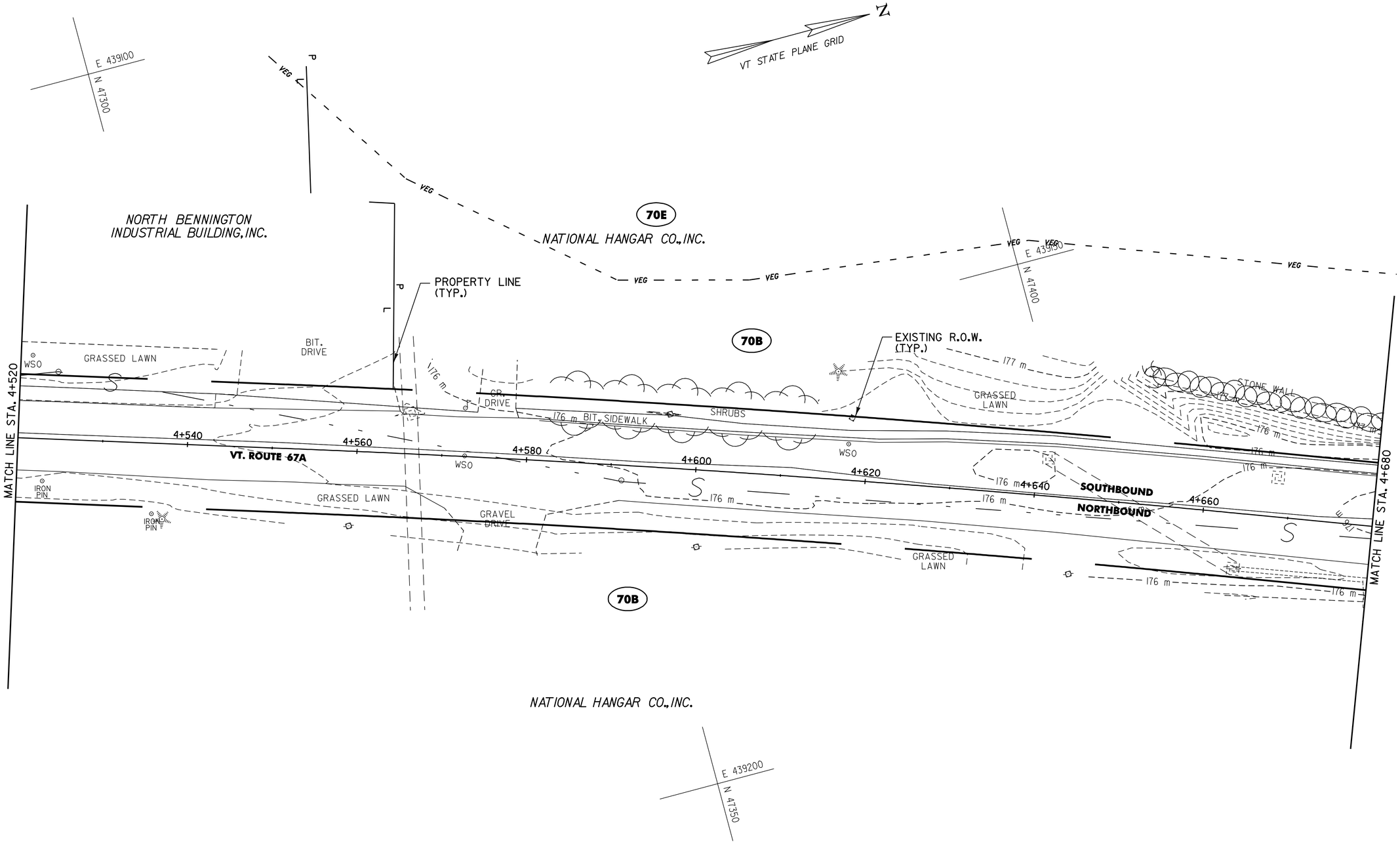
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #7

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp7.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 59 OF 151 SHEETS



0 10 20 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #8

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp8.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 60 OF 151 SHEETS

VAOT Metric

VEG

E 439150
N 47500

PROPERTY LINE
(TYP.)

P L

VT STATE PLANE GRID

NATIONAL
HANGAR CO., INC.

OHMAN, JOHN R.

70B

70E

GUY

GRASSED
LAWN

EXISTING R.O.W.
(TYP.)

MATCH LINE STA. 4+680

MATCH LINE STA. 4+840

176 m

177 m

STONE WALL

BIT. SIDEWALK

CONC. SIDEWALK

VT. ROUTE 67A

SOUTHBOUND

NORTHBOUND

4+700
4+720
4+740
4+760
4+780
4+800
4+820

ASPHALT
PARKING

BITUMINOUS
PARKING

HCTRL 6
N 47486.233
E 439216.639
ELEV. 176.614

SHRUB/BRUSH

E 439250
N 47550

NATIONAL HANGAR CO., INC.

PARAN CREEK

CLASS II
WETLAND

W

E 439250
N 147450

0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

SOIL LINE BOUNDARY

WETLAND / RIPARIAN BOUNDARY

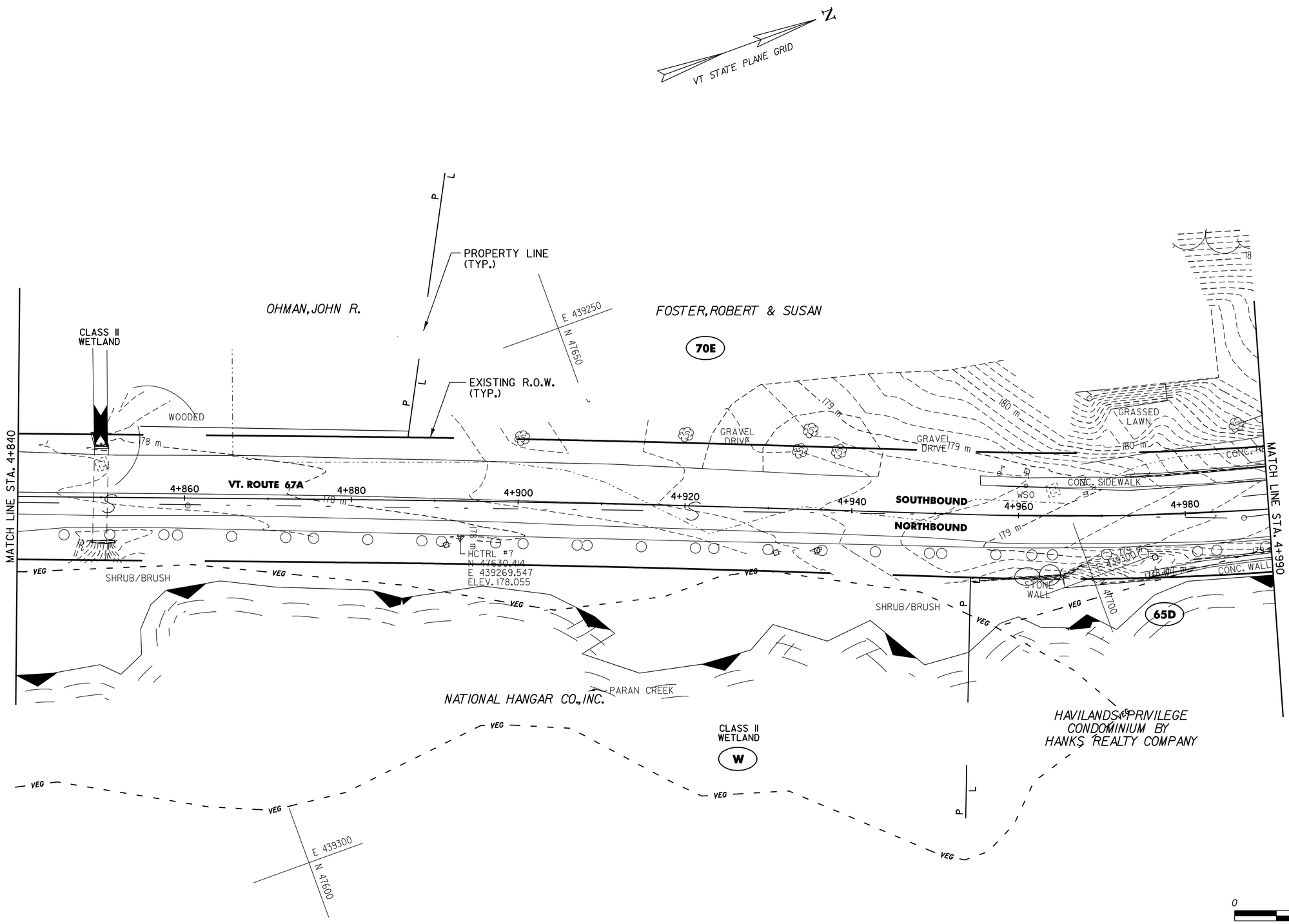
WETLAND BUFFER

RIPARIAN BUFFER

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

EXISTING CONDITIONS PLAN #9

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecp9.1 DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 61 OF 151 SHEETS



0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

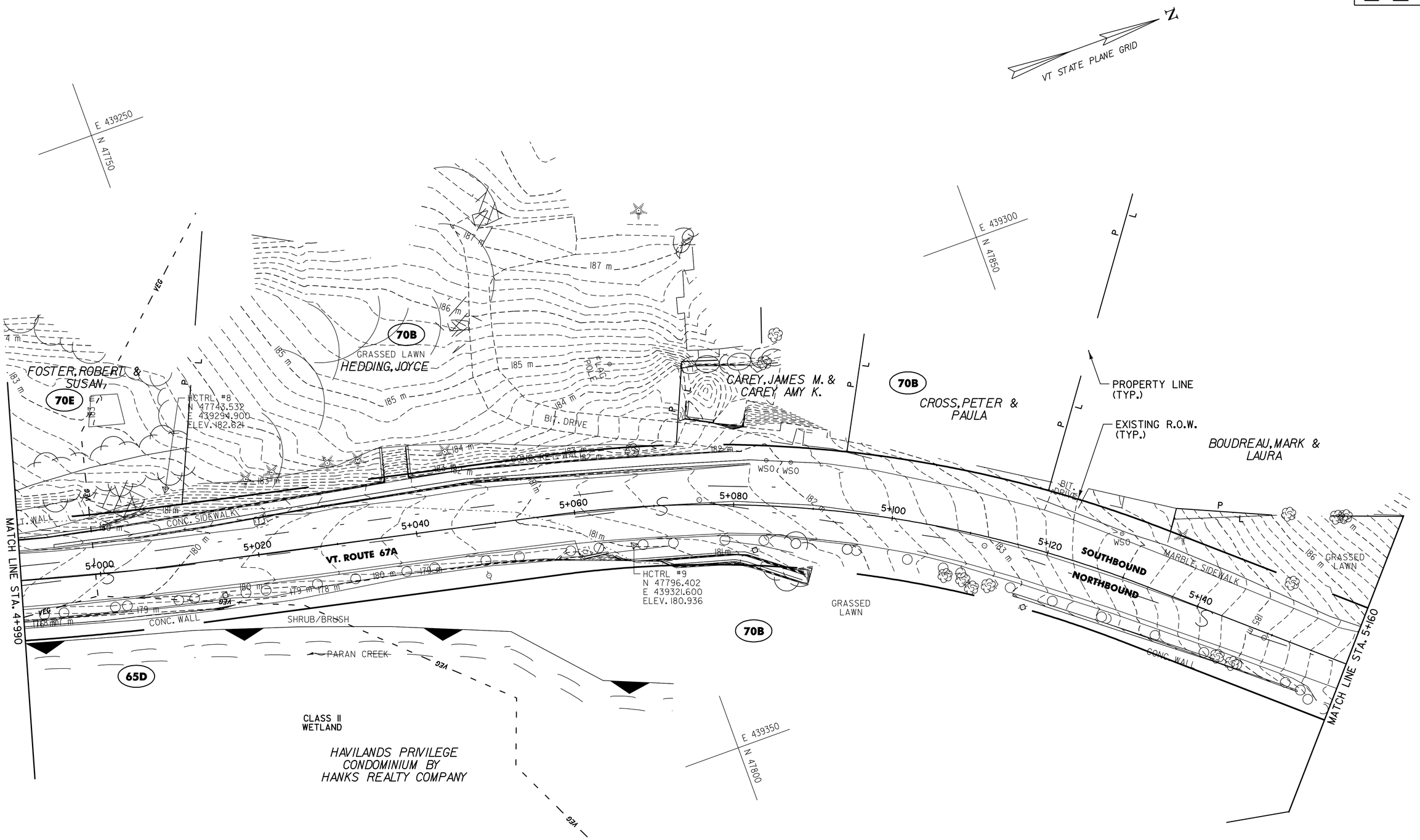
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #10

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecpl0.i DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 62 OF 151 SHEETS

VAOT Metric



0 10 20 m

SCALE 1:250 @ FULL SCALE

LEGEND

- (XXX) MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #11

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecpll.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 63 OF 151 SHEETS

VAOT Metric

N

VT STATE PLANE GRID

E 439350
N 47950

THE JOHN G.McCULLOUGH FREE LIBRARY,INC.

MATCH LINE STA. 5+160

WEST ROAD

BIT. SIDEWALK

GR. DRIVE

STONE SIDEWALK

GRASSED LAWN

188 m

187 m

HCTRL #11
N 47909.666
E 439378.916
ELEV. 187.946

EXISTING R.O.W. (TYP.)

70B

CONC. SIDEWALK

190 m

GUY

WSO

BIT. DR.

WOOD FENCE

SHRUBS

CONC. CURB

5+280

VT. ROUTE 67A

5+260

5+240

5+220

5+200

5+180

5+300

5+320

SOUTHBOUND

NORTHBOUND

196 m

195 m

BIT. DRIVE

GR. DRIVE

E 439400

N 48050

GUY 195 m

BIT. SIDEWALK

WOOD FENCE

GRASSED LAWN

SCRUBS

CONC. CURB

BIT. SIDEWALK

GRASSED LAWN

BIT. DR

STONE SIDEWALK

IRON PIN

189 m

BIT. SIDEWALK

STONE SIDEWAK

HAVILANDS PRIVILEGE

GUY WOOD FENCE

P

L

HCTRL #10
N 47885.036
E 439383.350
ELEV. 186.837

BIT. SIDEWALK

CONC. CURB

PROSPECT STREET

MINDLING, JAMES M.

188 m

187 m

CONC. CURB

CONC. SIDEWALK

E 439450
N 48000

0 10 20 m

SCALE
1:250
@ FULL SIZE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

SOIL LINE BOUNDARY

WETLAND / RIPARIAN BOUNDARY

WETLAND BUFFER

RIPARIAN BUFFER

EXISTING CONDITIONS PLAN #12

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ecpl2.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 64 OF 151 SHEETS

620.70 SNOW FENCE (MOD. - PDF)

STA. 3+434 LT - STA. RI+037 LT (47 m)
STA. 3+434 - STA. 3+478 RT (40 m)
STA. 3+503 - STA. 3+560 RT (55 m)
STA. 3+507 - STA. 3+560 LT (56 m)
STA. RI+070 RT - STA. HI+070 LT (105 m)
STA. HI+010 - STA. HI+040 RT (34 m)
STA. HI+047 - STA. HI+062 RT (14 m)
STA. HI+066 - STA. HI+070 RT (3 m)

649.51 GEOTEXTILE FOR SILT FENCE

STA. 3+434 - STA. RI+037 LT (47 m)
STA. 3+503 - STA. 3+560 RT (56 m)
STA. RI+070 - STA. HI+070 LT (105 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)

STA. 3+503 RT
STA. 3+555 RT

VAOT Metric

LEGEND

- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE

VT STATE PLANE GRID

APPLEJACK WAREHOUSE MANAGEMENT, LLC

BITUMINOUS PARKING

70B

HCTRL #1
N 46242.815
E 439050.431
ELEV. 167.000

PROJECT DEMARCATION FENCE (TYP.)

SILT FENCE (TYP.)

VT. ROUTE 67A

VT. ROUTE 67A
MM 2.134 = STA. 3+434.340
BEGIN STP 9646(I)S

PARAN CREEK

CLASS II WETLAND

BITUMINOUS DRIVE

APPLEJACK WAREHOUSE MANAGEMENT, LLC

DUSABLON, LEONE H.

RIVER ROAD

STA. RI+070.0
END APPROACH
MATCH EXISTING

STA. RI+060.0
END FULL-DEPTH RECONSTRUCTION
BEGIN APPROACH

STA. HI+070.0
END APPROACH
MATCH EXISTING

STA. HI+060.0
END FULL-DEPTH RECONSTRUCTION
BEGIN APPROACH

TREES

RICH, ROBERT A

HILLSIDE STREET

GR. DRIVE

GRASSED LAWN

EXISTING R.O.W. (TYP.)

LIMITS OF SEED AND MULCH (TYP.)

LIMITS OF SOIL DISTURBANCE (TYP.)

GREEN MOUNTAIN BAPTIST ASSOCIATION

N 46300 E 439000

PROPERTY LINE (TYP.)

GRATTON, ROBERT, SHARON & RUTH

CONC. CURB

BIT. SIDEWALK

NORTHBOUND

SOUTHBOUND

MATCH LINE STA. 3+560

0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

— VEG — — — SOIL LINE BOUNDARY

WETLAND BOUNDARY

WETLAND BUFFER

RIPARIAN BUFFER

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

EROSION PREVENTION & SEDIMENT CONTROL PLAN #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscpl.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 65 OF 151 SHEETS

620.70 SNOW FENCE (MOD. - PDF)
STA. 3+560 - STA. 3+565 LT (5 m)
STA. 3+560 - STA. 3+595 RT (35 m)
STA. 3+570 - STA. 3+581 LT (11 m)
STA. 3+588 - STA. 3+630 LT (42 m)
STA. 3+635 - STA. 3+694 LT (60 m)
STA. 3+614 - STA. 3+685 RT (72 m)
STA. 3+698 - STA. 3+720 LT (22 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 3+560 - STA. 3+595 RT (35 m)
STA. 3+588 - STA. 3+630 LT (42 m)
STA. 3+614 - STA. 3+685 RT (72 m)
STA. 3+635 - STA. 3+694 LT (60 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 3+607 LT
STA. 3+667 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE

N
VT STATE PLANE GRID

E 439000
N 46350
E 439000
N 46450
E 439050
N 46400

GRATTON, ROBERT, SHARON & RUTH
DOTSON, WILLIAM & HOBBS, NANCY
HENDEE, JOANNE
APPLEJACK WAREHOUSE MANAGEMENT, LLC
BENNINGTON COUNTY INDUSTRIAL CORPORATION

70B
70B
70B

PROJECT DEMARCATION FENCE (TYP.)
SILT FENCE (TYP.)
EXISTING R.O.W. (TYP.)
LIMITS OF SEED AND MULCH (TYP.)
LIMITS OF SOIL DISTURBANCE (TYP.)
PROPERTY LINE (TYP.)

MATCH LINE STA. 3+560
MATCH LINE STA. 3+720

VT. ROUTE 67A
SOUTHBOUND
NORTHBOUND

GRASSED LAWN
BIT. DRIVE
GR. DRIVE
BIT. PARKING
CONC. CURB
WSO
GUY
168 m
3+580
3+600
3+620
3+640
3+660
3+680
3+700

0 10 20 m
SCALE 1:250 @ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscp2.1 DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 66 OF 151 SHEETS

620.70 SNOW FENCE (MOD. - PDF)
STA. 3+720 - STA. 3+755 LT (35 m)
STA. 3+761 - STA. 3+769 LT (8 m)
STA. 3+776 - STA. 3+818 LT (43 m)
STA. 3+783 - STA. 3+793 RT (10 m)
STA. 3+801 - STA. 3+851 RT (51 m)
STA. 3+821 - STA. 3+850 LT (30 m)
STA. 3+859 - STA. 3+880 LT (21 m)
STA. 3+861 - STA. 3+880 RT (19 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 3+783 - STA. 3+793 RT (10 m)
STA. 3+801 - STA. 3+851 RT (51 m)
STA. 3+821 - STA. 3+850 LT (30 m)
STA. 3+859 - STA. 3+880 LT (21 m)
STA. 3+861 - STA. 3+880 RT (19 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 3+735 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE

N
VT STATE PLANE GRID

SWEET, DOUGLAS G. & LINDA A.
HENDEE, JOANNE
CORCORAN, MARY
CORCORAN, DANIEL
REVETT, ARNOLD & MARGARET
WOODARD, DEBORAH
CARTER, GEORGIANNA
SWEET ROAD
LEVER ROAD
PROPERTY LINE (TYP.)
64C
70B
E 439000
N 46690
GRASSED LAWN
172 m
170 m
169
PDF
VEG
WSO
CONC. CURB
GR. DRIVE
SOUTHBOUND
NORTHBOUND
3+860
3+840
3+820
3+800
3+780
3+760
3+740
VT. ROUTE 67A
MATCH LINE STA. 3+880
MATCH LINE STA. 3+720
IRON PIN
CONC. CURB
HCTRL #3
N 46649.654
E 439019.927
ELEV. 170.953
BIT. DRIVE
BIT. PARKING
GUY
HCTRL #2
N 46502.436
E 439042.702
ELEV. 168.826
LIMITS OF SEED AND MULCH (TYP.)
LIMITS OF SOIL DISTURBANCE (TYP.)
PROJECT DEMARCATION FENCE (TYP.)
SILT FENCE (TYP.)
EXISTING R.O.W. (TYP.)
E 439050
N 46550
BENNINGTON COUNTY INDUSTRIAL CORPORATION
CLASS II WETLAND

0 10 20 m
SCALE 1:250 @ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscp3.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 67 OF 151 SHEETS

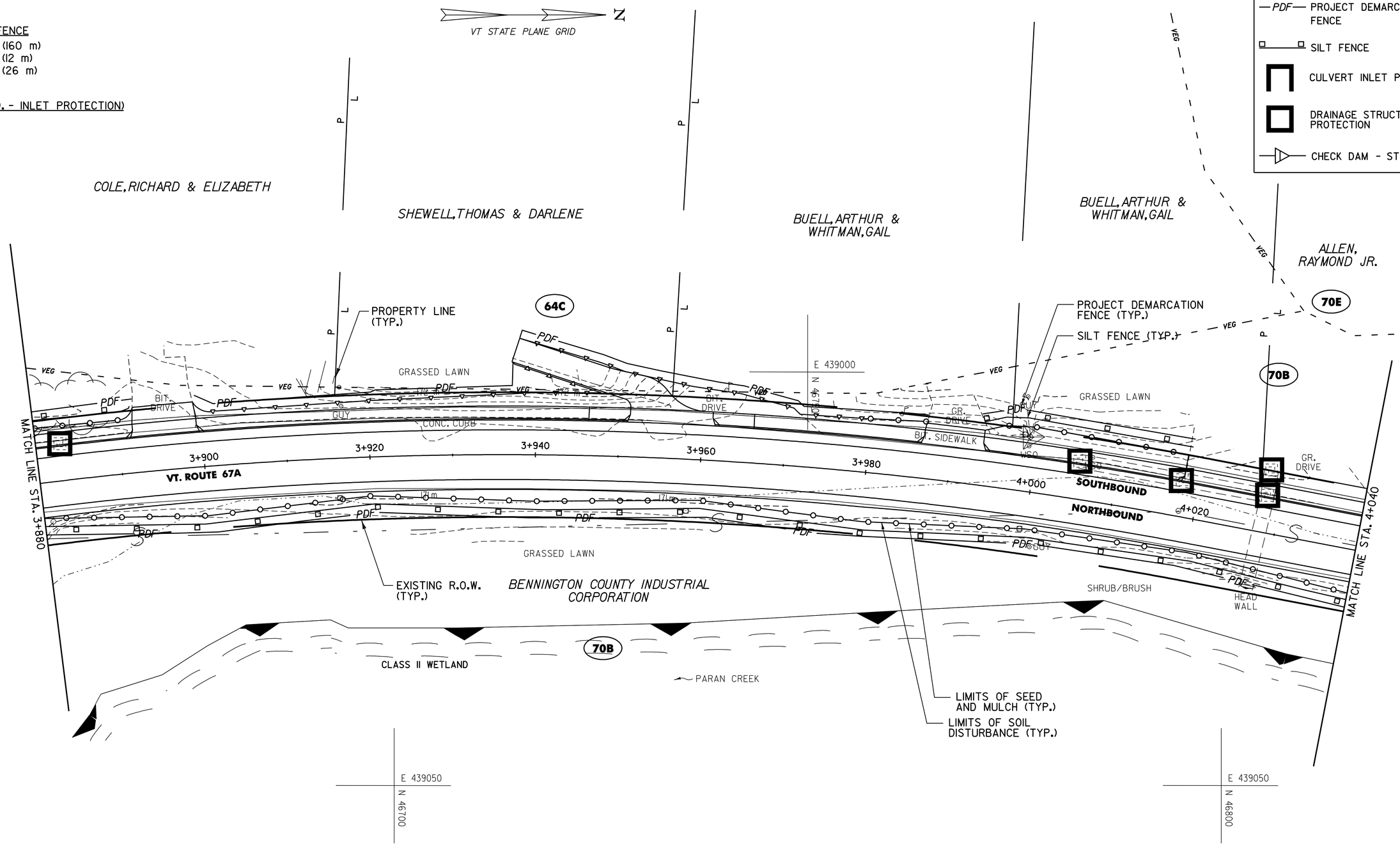
620.70 SNOW FENCE (MOD. - PDF)
STA. 3+880 - STA. 3+892 LT (12 m)
STA. 3+880 - STA. 4+040 RT (160 m)
STA. 3+900 - STA. 3+956 LT (58 m)
STA. 3+962 - STA. 3+987 LT (26 m)
STA. 3+993 - STA. 4+018 LT (26 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 3+880 - STA. 4+040 RT (160 m)
STA. 3+880 - STA. 3+892 LT (12 m)
STA. 3+993 - STA. 4+018 LT (26 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 3+883 LT
STA. 4+005 LT
STA. 4+018 LT
STA. 4+028 LT
STA. 4+028 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #4

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104epscp4.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 68 OF 151 SHEETS

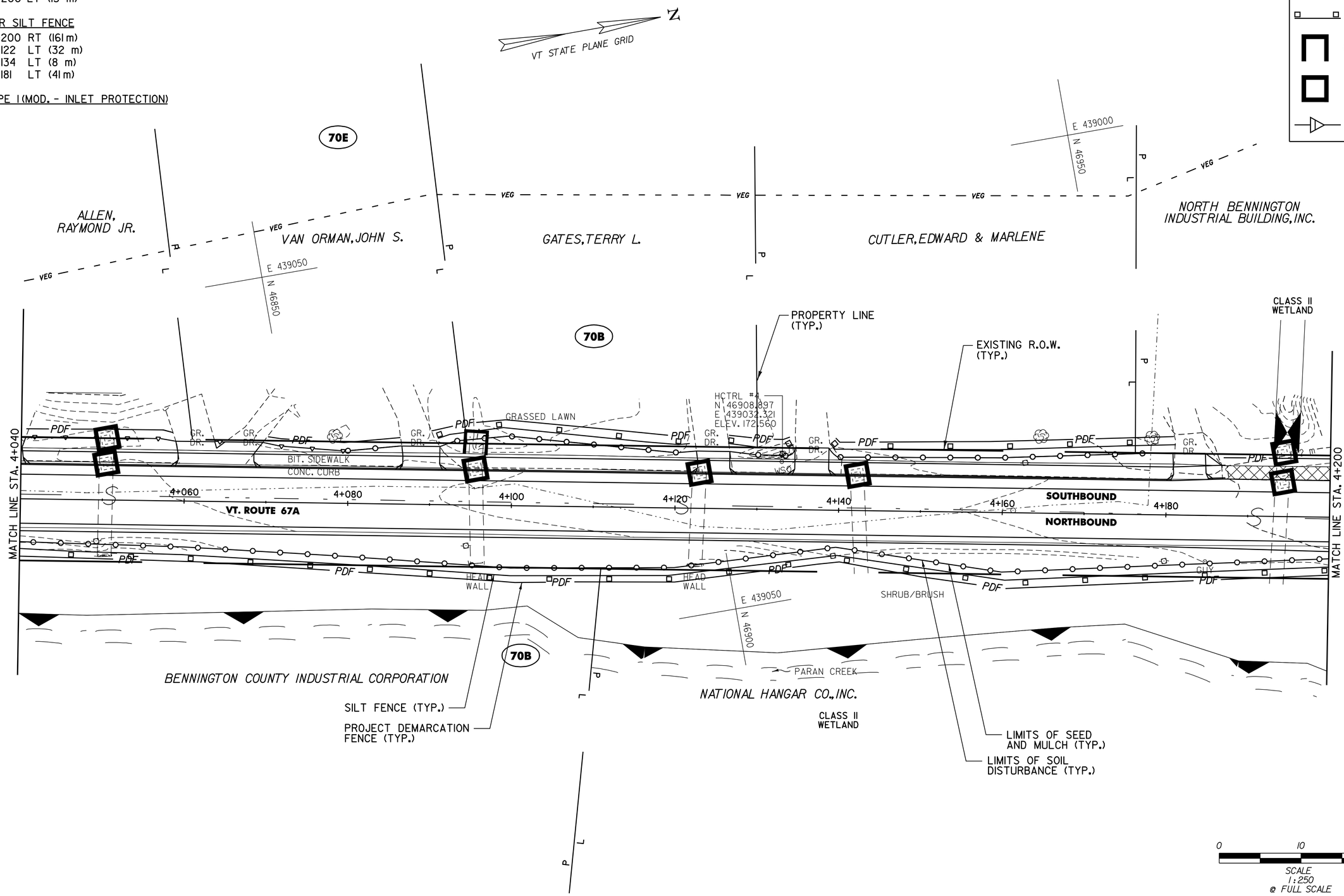
620.70 SNOW FENCE (MOD. - PDF)
STA. 4+040 - STA. 4+059 LT (19 m)
STA. 4+040 - STA. 4+200 RT (161 m)
STA. 4+070 - STA. 4+086 LT (16 m)
STA. 4+091 - STA. 4+122 LT (32 m)
STA. 4+127 - STA. 4+134 LT (8 m)
STA. 4+140 - STA. 4+181 LT (41 m)
STA. 4+187 - STA. 4+200 LT (13 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+040 - STA. 4+200 RT (161 m)
STA. 4+091 - STA. 4+122 LT (32 m)
STA. 4+127 - STA. 4+134 LT (8 m)
STA. 4+140 - STA. 4+181 LT (41 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 4+051 LT
STA. 4+051 LT
STA. 4+095 LT
STA. 4+096 LT
STA. 4+123 LT
STA. 4+142 LT
STA. 4+194 LT
STA. 4+194 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



0 10 20 m
SCALE 1:250 @ FULL SCALE

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #5

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104epscp5.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 69 OF 151 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

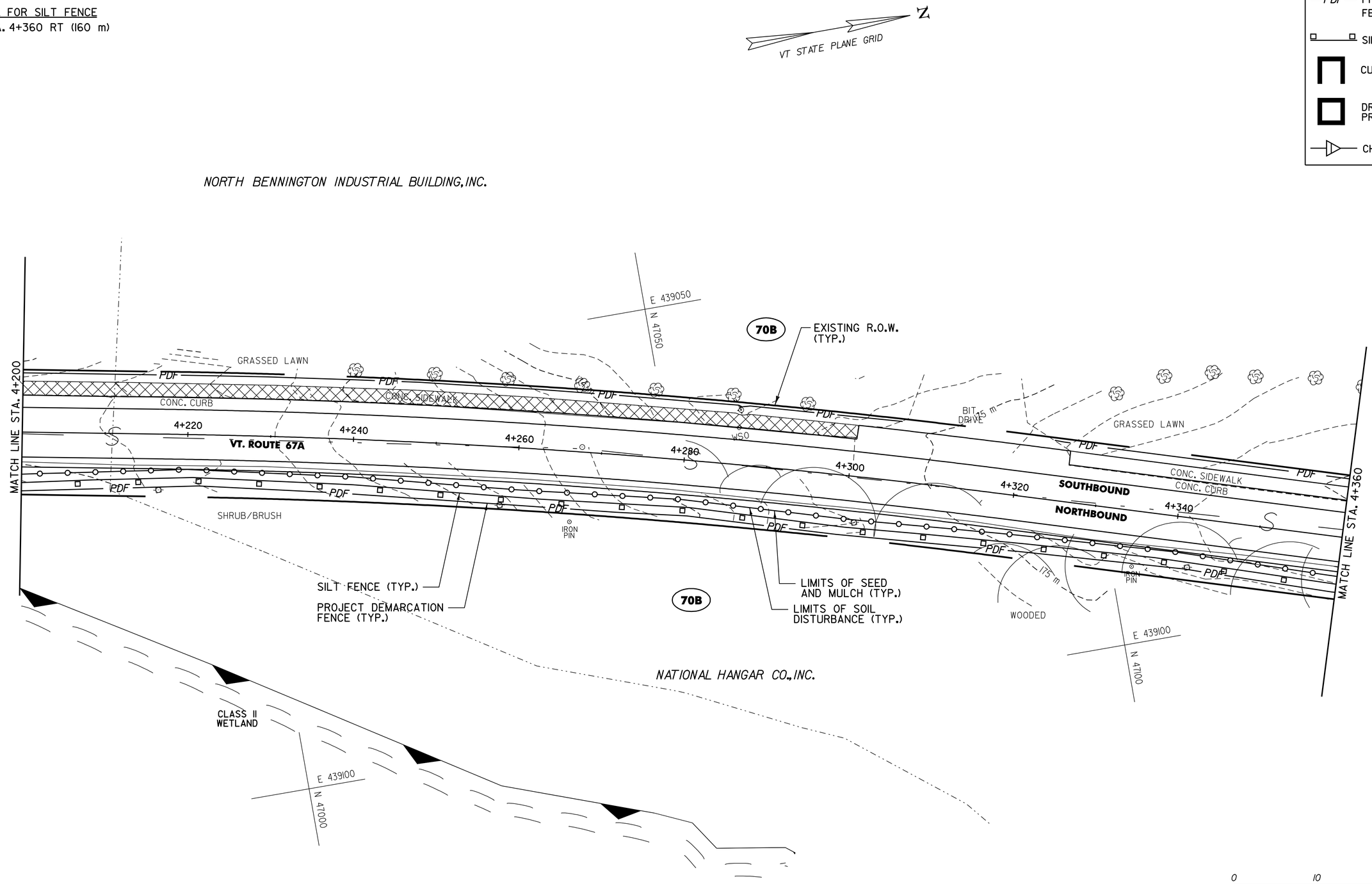
620.70 SNOW FENCE (MOD. - PDF)
STA. 4+200 - STA. 4+360 RT (160 m)
STA. 4+200 - STA. 4+306 LT (106 m)
STA. 4+324 - STA. 4+360 LT (36 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+200 - STA. 4+360 RT (160 m)

VAOT Metric

LEGEND

- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



0 10 20 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #6

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscp6.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 70 OF 151 SHEETS

620.70 SNOW FENCE (MOD. - PDF)
STA. 4+360 - STA. 4+392 LT (32 m)
STA. 4+360 - STA. 4+402 RT (42 m)
STA. 4+407 - STA. 4+520 LT (113 m)
STA. 4+417 - STA. 4+520 RT (105 m)

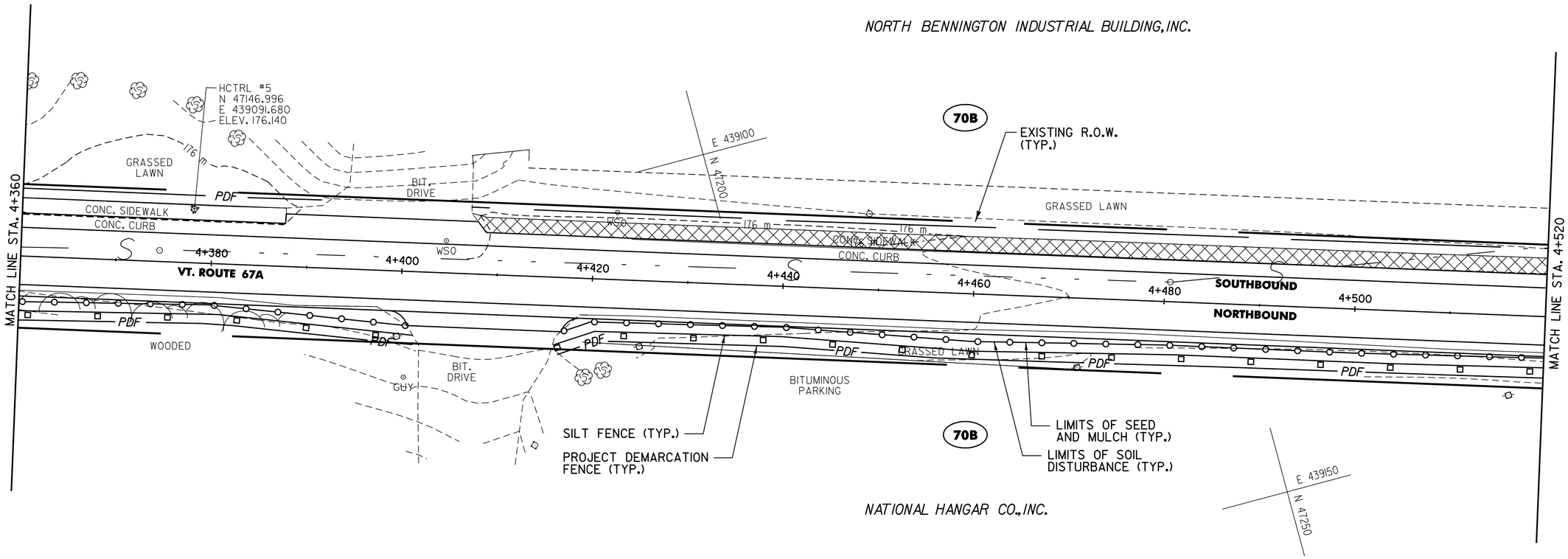
649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+360 - STA. 4+402 RT (42 m)
STA. 4+417 - STA. 4+520 RT (105 m)

VAOT Metric

LEGEND

- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE

VT STATE PLANE GRID



0 10 20 m
SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #7

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104epscp7.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 71 OF 151 SHEETS

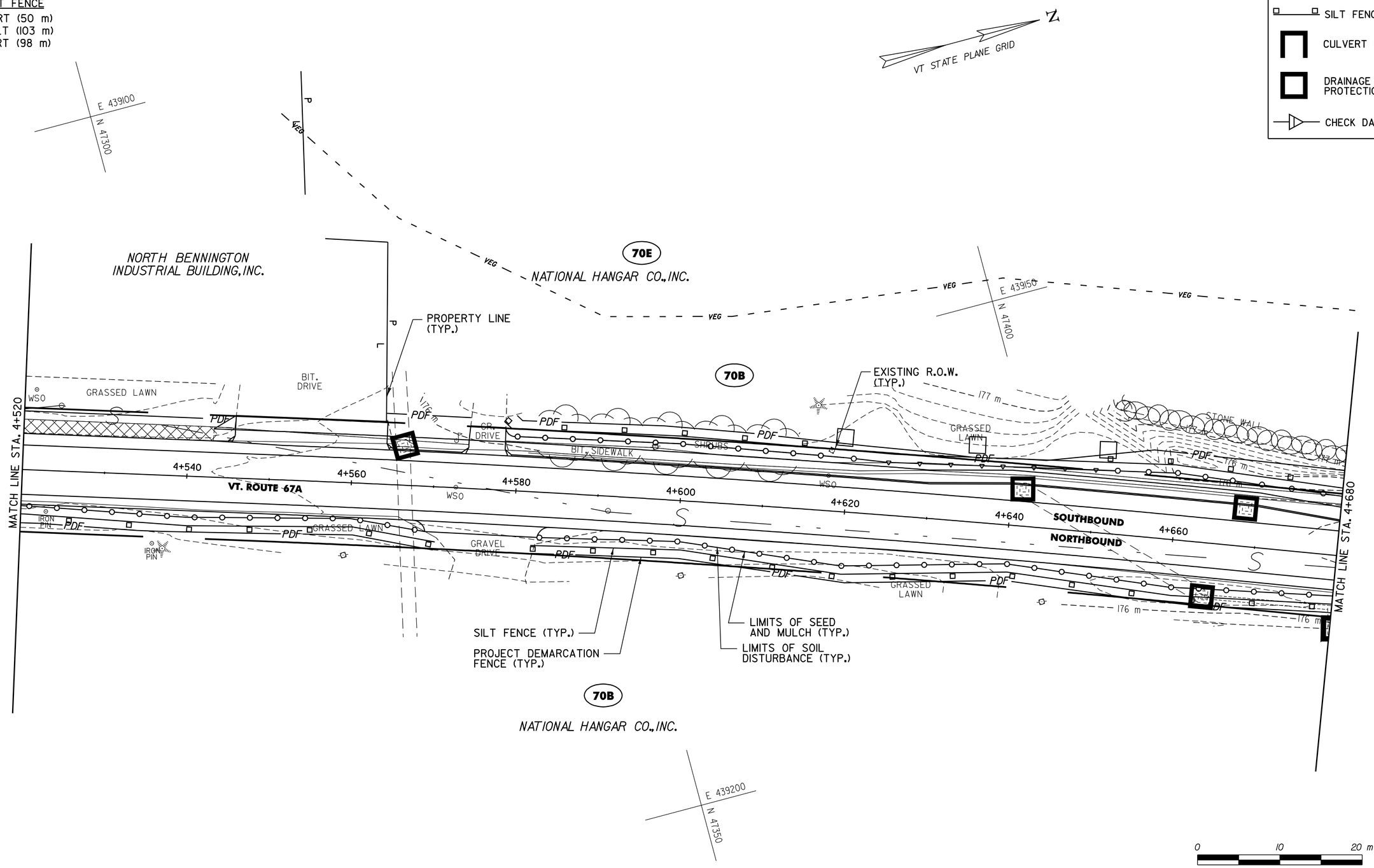
VAOT Metric

620.70 SNOW FENCE (MOD. - PDF)
STA. 4+520 - STA. 4+545 LT (25 m)
STA. 4+520 - STA. 4+570 RT (50 m)
STA. 4+564 - STA. 4+574 LT (10 m)
STA. 4+578 - STA. 4+680 LT (103 m)
STA. 4+582 - STA. 4+680 RT (98 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+520 - STA. 4+570 RT (50 m)
STA. 4+578 - STA. 4+680 LT (103 m)
STA. 4+582 - STA. 4+680 RT (98 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 4+566 LT
STA. 4+641 LT
STA. 4+665 RT
STA. 4+669 LT

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



0 10 20 m
SCALE 1:250 @ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #8

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscp8.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 72 OF 151 SHEETS

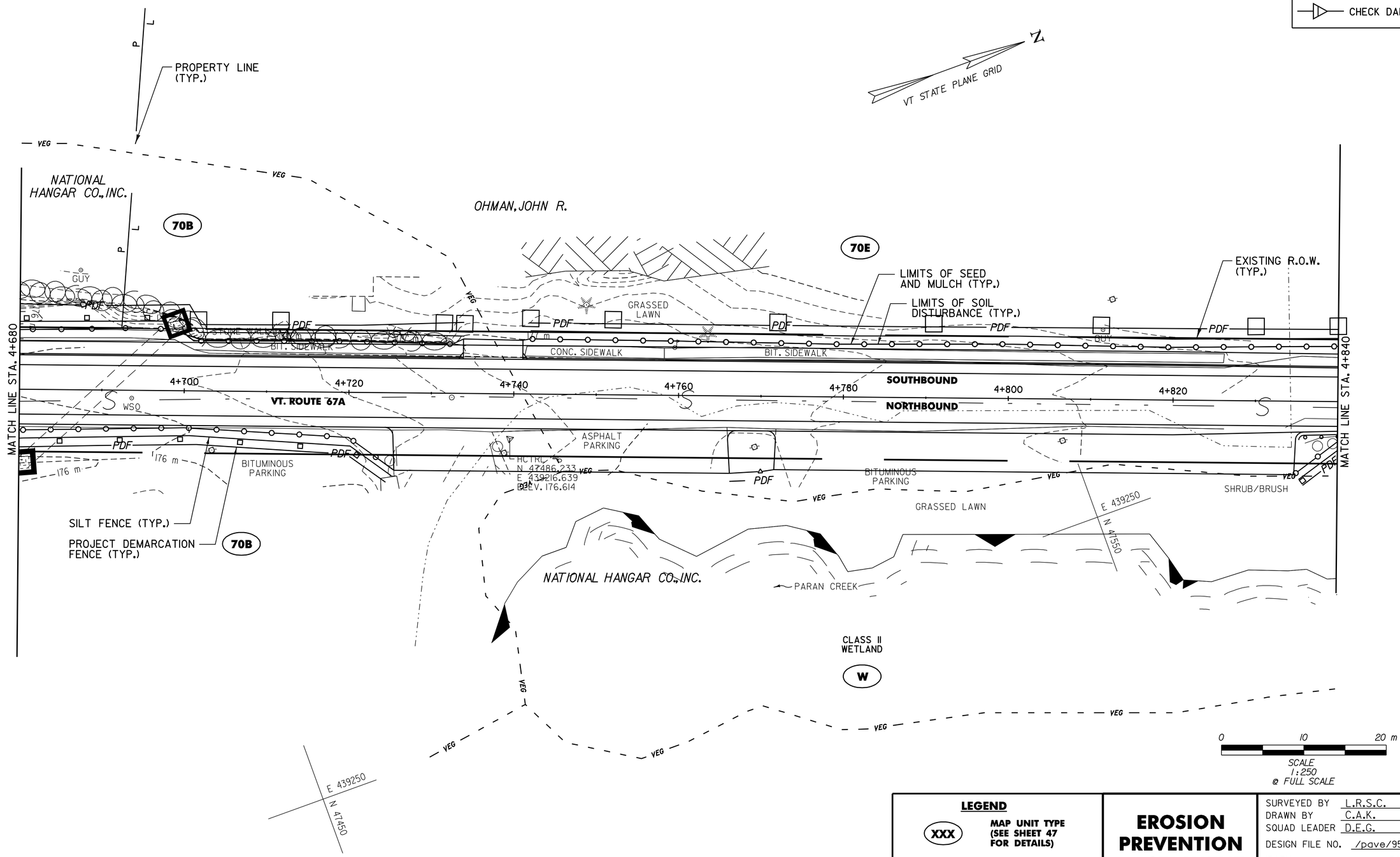
620.70 SNOW FENCE (MOD. - PDF)
STA. 4+680 - STA. 4+734 LT (56 m)
STA. 4+680 - STA. 4+725 RT (46 m)
STA. 4+742 - STA. 4+840 LT (98 m)
STA. 4+836 - STA. 4+840 RT (5 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+680 - STA. 4+734 LT (56 m)
STA. 4+680 - STA. 4+725 RT (46 m)
STA. 4+742 - STA. 4+840 LT (98 m)
STA. 4+836 - STA. 4+840 RT (5 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 4+681 RT
STA. 4+699 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #9

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscp9.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 73 OF 151 SHEETS

620.70 SNOW FENCE (MOD. - PDF)
STA. 4+840 - STA. 4+923 LT (83 m)
STA. 4+840 - STA. 4+990 RT (152 m)
STA. 4+930 - STA. 4+943 LT (13 m)
STA. 4+955 - STA. 4+990 LT (35 m)

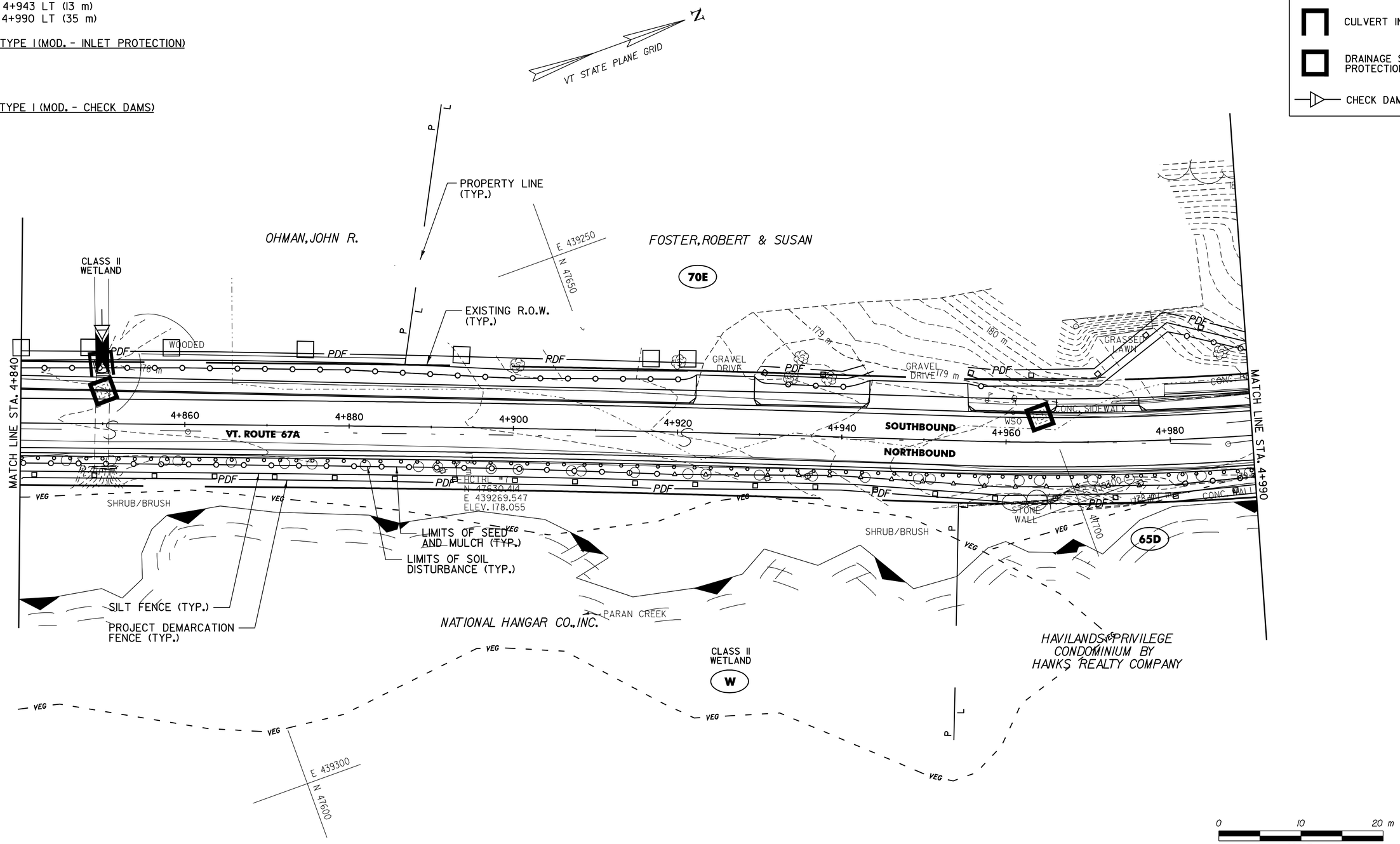
649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+840 - STA. 4+921 LT (81 m)
STA. 4+840 - STA. 4+970 RT (152 m)
STA. 4+930 - STA. 4+943 LT (13 m)
STA. 4+955 - STA. 4+990 LT (35 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 4+850 LT
STA. 4+850 LT
STA. 4+964 LT

613.10 STONE FILL, TYPE I (MOD. - CHECK DAMS)
STA. 4+850 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND
- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #10

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscpl0.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 74 OF 151 SHEETS

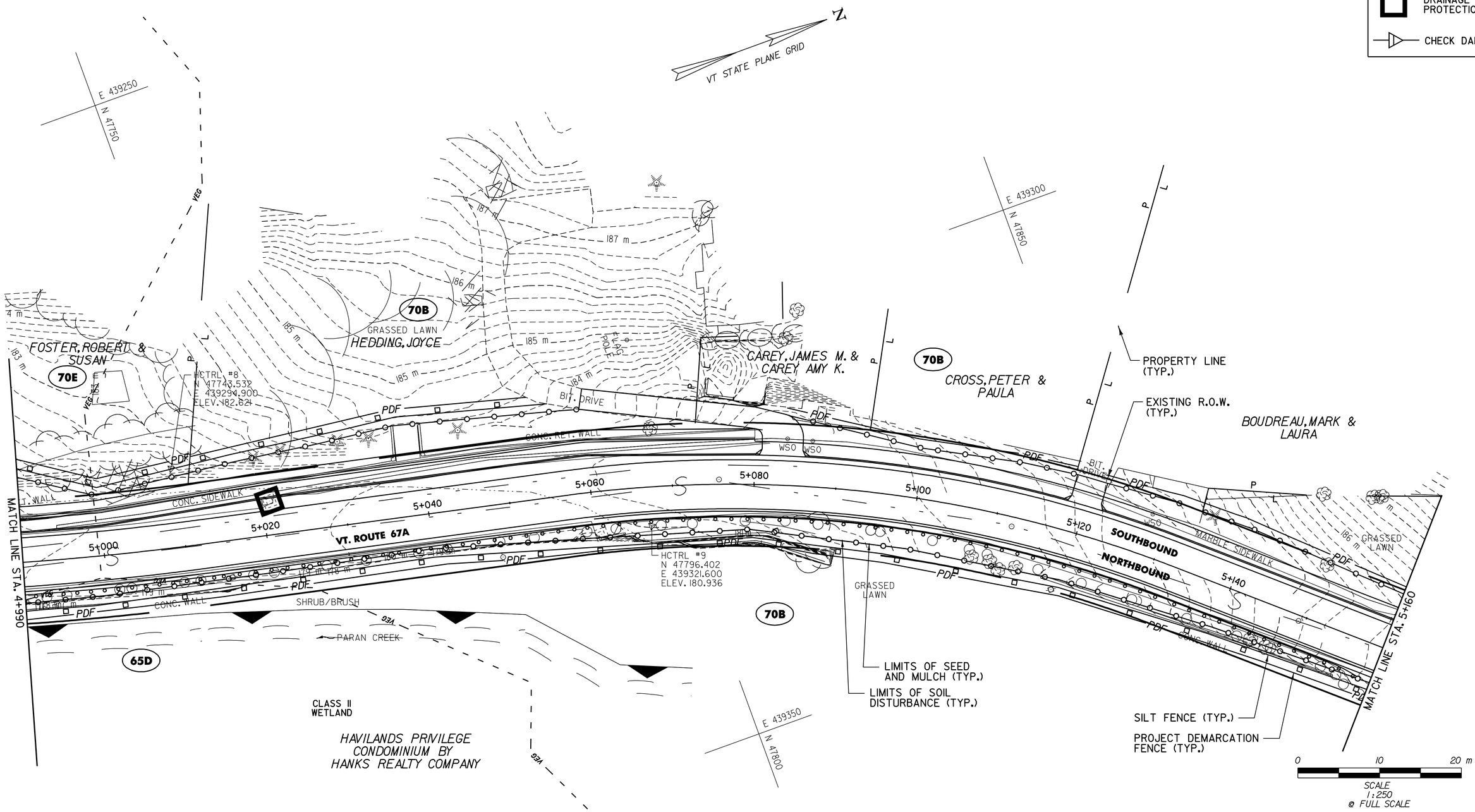
620.70 SNOW FENCE (MOD. - PDF)
STA. 4+990 - STA. 5+054 LT (64 m)
STA. 4+990 - STA. 5+160 RT (170 m)
STA. 5+083 - STA. 5+118 LT (36 m)
STA. 5+122 - STA. 5+160 LT (38 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 4+990 - STA. 5+056 LT (66 m)
STA. 4+990 - STA. 5+160 RT (170 m)

613.10 STONE FILL, TYPE I (MOD. - INLET PROTECTION)
STA. 5+021 LT

VAOT Metric

LEGEND
- PDF — PROJECT DEMARCATION FENCE
- SILT FENCE
- CULVERT INLET PROTECTION
- DRAINAGE STRUCTURE PROTECTION
- CHECK DAM - STONE



LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

EROSION PREVENTION & SEDIMENT CONTROL PLAN #11

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscpll.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 75 OF 151 SHEETS

LEGEND

— PDF — PROJECT DEMARCATION FENCE

SILT FENCE

CULVERT INLET PROTECTION

DRAINAGE STRUCTURE PROTECTION

CHECK DAM - STONE

620.70 SNOW FENCE (MOD. - PDF)
STA. 5+160 - STA. 5+167 LT (12 m)
STA. 5+160 - STA. 5+181 RT (21 m)

649.51 GEOTEXTILE FOR SILT FENCE
STA. 5+160 - STA. 5+181 RT (22 m)

VT STATE PLANE GRID

STA. 5+160.000
BEGIN 80 mm COLD PLANING AND PAVING

E 439350
N 47950

THE JOHN G. McCULLOUGH FREE LIBRARY, INC.

MATCH LINE STA. 5+160

WEST ROAD

BIT. SIDEWALK

GR. DRIVE

STONE SIDEWALK

GRASSED LAWN

HCTRL #11
N 47909.666
E 439378.916
ELEV. 187.946

EXISTING R.O.W. (TYP.)

70B

VT. ROUTE 67A

5+180 5+200 5+220 5+240 5+260 5+280 5+300 5+320

SOUTHBOUND

NORTHBOUND

CONC. SIDEWALK

CONC. CURB

BIT. DR.

WOOD FENCE

SHRUBS

GUY

WSO

E 439400
N 48050

VT. ROUTE 67A
MM 3.317 = STA. 5+338.194
END STP 9646(I)S

HAVILANDS PRIVILEGE

HCTRL #10
N 47885.036
E 439383.350
ELEV. 186.837

PROSPECT STREET

SAGE STREET

LIMITS OF SEED AND MULCH (TYP.)

LIMITS OF SOIL DISTURBANCE (TYP.)

SILT FENCE (TYP.)

PROJECT DEMARCATION FENCE (TYP.)

MINDLING, JAMES M.

E 439450
N 48000

0 10 20 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

SOIL LINE BOUNDARY

WETLAND / RIPARIAN BOUNDARY

WETLAND BUFFER

RIPARIAN BUFFER

EROSION PREVENTION & SEDIMENT CONTROL PLAN #12

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04epscpl2.i DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 76 OF 151 SHEETS

VAOT Metric

VEG
VEG
APPLEJACK WAREHOUSE MANAGEMENT, LLC
166 m
166 m
166 m
BITUMINOUS PARKING
70B
HCTRL #1
N 46242.815
E 439050.431
ELEV. 167.000
167 m
70B
167 m
168 m
168 m
168 m
3+400
VT. ROUTE 67A
3+420
3+440
3+460
3+480
3+500
3+520
3+540
VT. ROUTE 67A
MM 2.134 = STA. 3+434.340
BEGIN STP 9646(I)S
168 m
BITUMINOUS DRIVE
PARAN CREEK
70B
CLASS II WETLAND
167 m
APPLEJACK WAREHOUSE MANAGEMENT, LLC
GUY
GUY
GUY
RI+060
RI+040
RI+020
RIVER ROAD
DUSABLON, LEONE H.
STA. RI+070.0
END APPROACH
MATCH EXISTING
STA. RI+060.0
END FULL-DEPTH RECONSTRUCTION
BEGIN APPROACH
VT STATE PLANE GRID
N
STA. HI+070.0
END APPROACH
MATCH EXISTING
STA. HI+060.0
END FULL-DEPTH RECONSTRUCTION
BEGIN APPROACH
TREES
70B
RICH, ROBERT A
GR. DRIVE
HI+020
HI+040
HI+060
HILLSIDE STREET
GR. DRIVE
GR. DRIVE
HI67.8
170 m
168 m
169 m
GRASSED LAWN
EXISTING R.O.W. (TYP.)
GREEN MOUNTAIN BAPTIST ASSOCIATION
70B
CONC. CURB
BIT. SIDEWALK
NORTHBOUND
SOUTHBOUND
GRASSED LAWN
PROPERTY LINE (TYP.)
P
L
GRATTON, ROBERT, SHARON & RUTH
MATCH LINE STA. 3+560
STA. 3+550 O/S LT NEW
3'x3' DI, 18" DIA PIPE CONNECTED
TO DI AT STA. 3+555.4 O/S RT
0 10 20 m
SCALE
1:250
@ FULL SCALE

LEGEND

XXX	MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
— VEG — — —	SOIL LINE BOUNDARY
———	WETLAND / RIPARIAN BOUNDARY
-·-·-·-·-·-	WETLAND BUFFER
-·-·-·-·-·-	RIPARIAN BUFFER

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

FINAL CONDITIONS PLAN #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcpl.i DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 77 OF 151 SHEETS

N

VT STATE PLANE GRID

GRATTON, ROBERT, SHARON & RUTH

DOTSON, WILLIAM & HOBBS, NANCY

HENDEE, JOANNE

70B

GRASSED LAWN

BIT. DRIVE

GR. DRIVE

CONC. CURB

168 m

3+580 3+600 3+620 3+640 3+660 3+680 3+700

SOUTHBOUND

NORTHBOUND

VT. ROUTE 67A

WSO

GUY

BIT. PARKING

MATCH LINE STA. 3+560

MATCH LINE STA. 3+720

EXISTING R.O.W. (TYP.)

BENNINGTON COUNTY INDUSTRIAL CORPORATION

APPLEJACK WAREHOUSE MANAGEMENT, LLC

PROPERTY LINE (TYP.)

0 10 20 m

SCALE 1:250 @ FULL SCALE

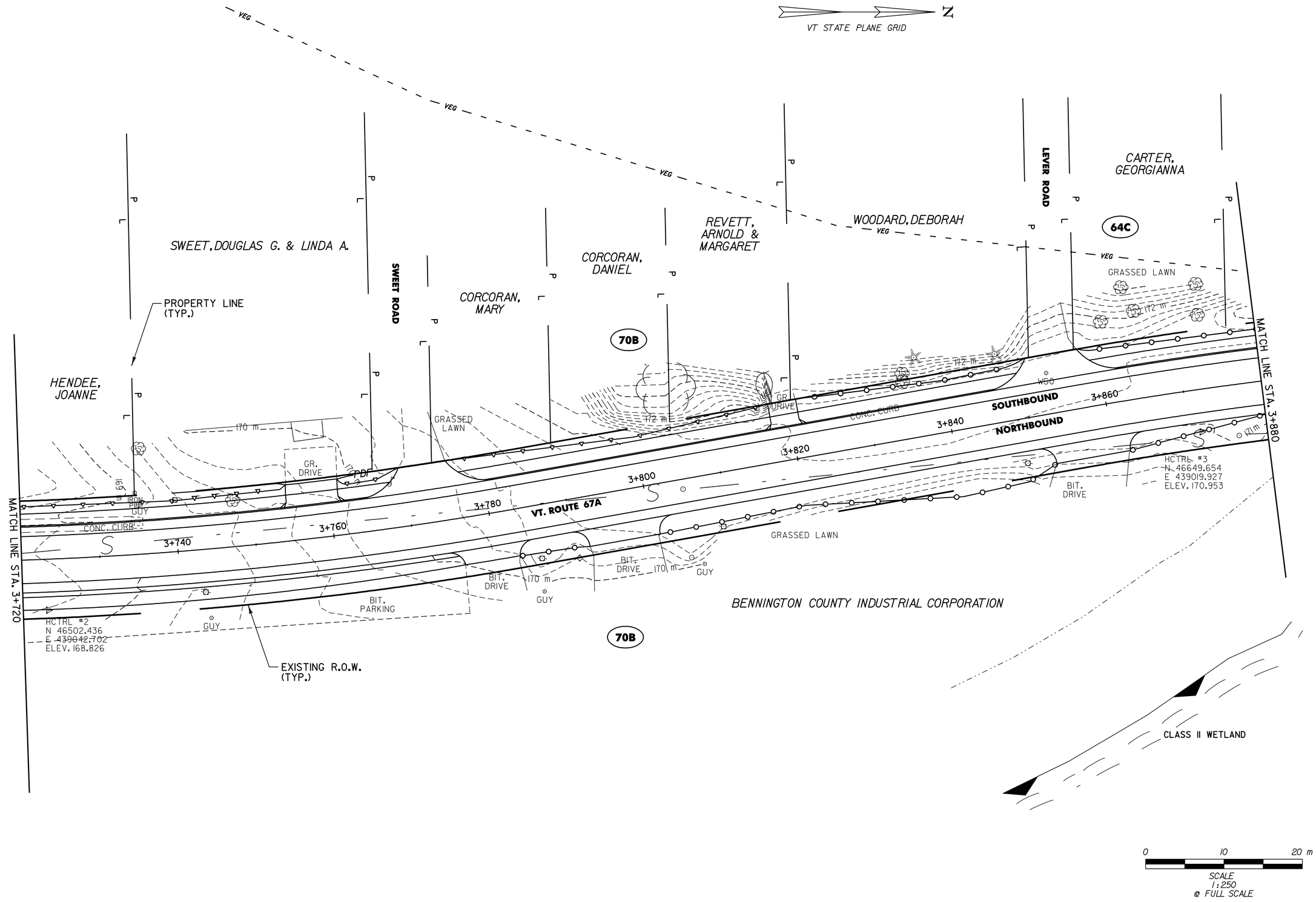
LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #2

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp2.1 DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 78 OF 151 SHEETS



0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp3.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 79 OF 151 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VAOT Metric

N

VT STATE PLANE GRID

COLE, RICHARD & ELIZABETH

SHEWELL, THOMAS & DARLENE

BUELL, ARTHUR & WHITMAN, GAIL

BUELL, ARTHUR & WHITMAN, GAIL

ALLEN, RAYMOND JR.

PROPERTY LINE (TYP.)

64C

70E

70B

P L

VEG

GRASSED LAWN

BIT. DRIVE

GUY

CONC. CURB

GR. DRIVE

BIT. SIDEWALK

WSO

MATCH LINE STA. 3+880

3+900

3+920

3+940

3+960

3+980

4+000

4+020

MATCH LINE STA. 4+040

VT. ROUTE 67A

SOUTHBOUND

NORTHBOUND

EXISTING R.O.W. (TYP.)

BENNINGTON COUNTY INDUSTRIAL CORPORATION

SHRUB/BRUSH

HEAD WALL

CLASS II WETLAND

PARAN CREEK

0 10 20 m

SCALE
1:250
@ FULL SCALE

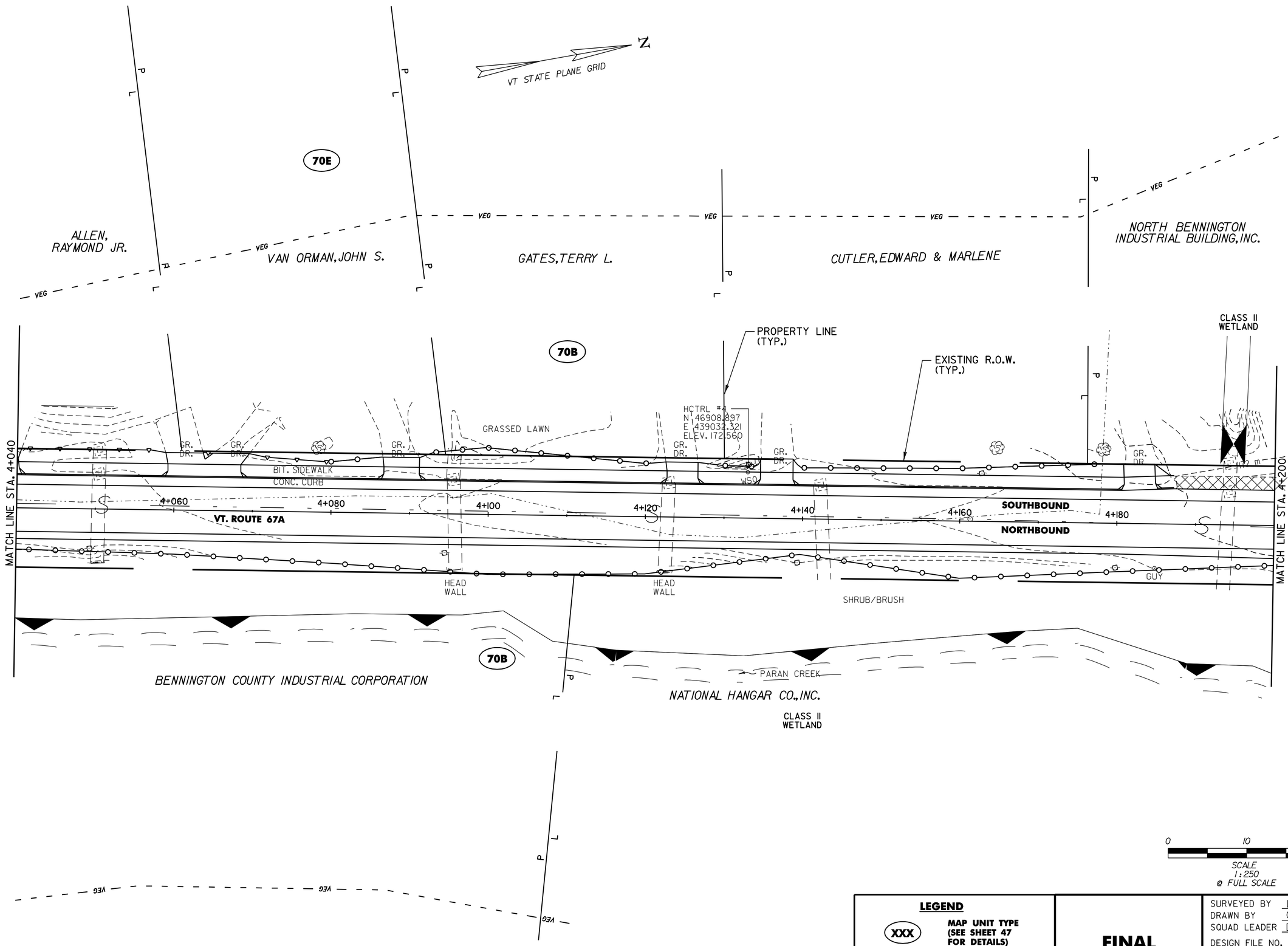
LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #4

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp4.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 80 OF 151 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)



LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #5

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp5.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 81 OF 151 SHEETS

VEG VEG VEG VEG VEG VEG

VT STATE PLANE GRID

NORTH BENNINGTON INDUSTRIAL BUILDING, INC.

MATCH LINE STA. 4+200

GRASSED LAWN

CONC. CURB

CONC. SIDEWALK

4+220

VT. ROUTE 67A

4+240

4+260

4+280

4+300

4+320

4+340

70B

EXISTING R.O.W. (TYP.)

WSO

BIT. DRIVE

175 m

GRASSED LAWN

CONC. SIDEWALK

CONC. CURB

SOUTHBOUND

NORTHBOUND

SHRUB/BRUSH

IRON PIN

IRON PIN

175 m

WOODED

MATCH LINE STA. 4+360

70B

NATIONAL HANGAR CO., INC.

CLASS II WETLAND

0 10 20 m

SCALE 1:250 @ FULL SCALE

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

SOIL LINE BOUNDARY

WETLAND / RIPARIAN BOUNDARY

WETLAND BUFFER

RIPARIAN BUFFER

FINAL CONDITIONS PLAN #6

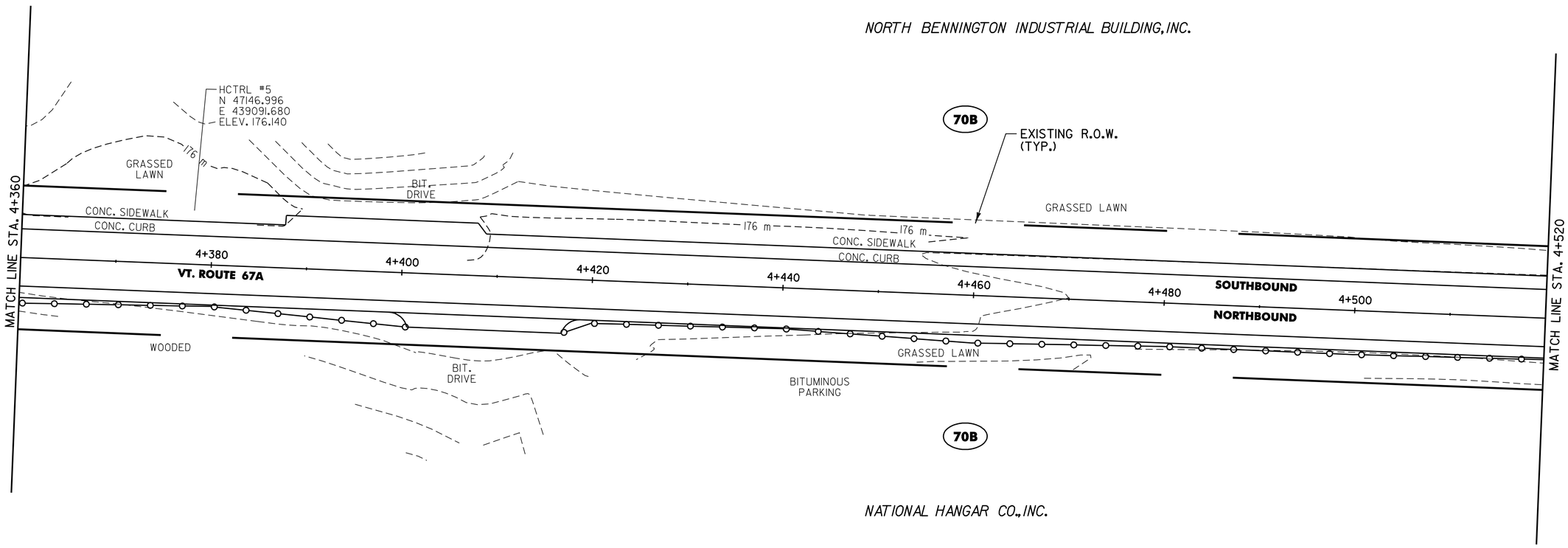
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp6.1 DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 82 OF 151 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VAOT Metric

N

VT STATE PLANE GRID



0 10 20 m

SCALE
1:250
@ FULL SCALE

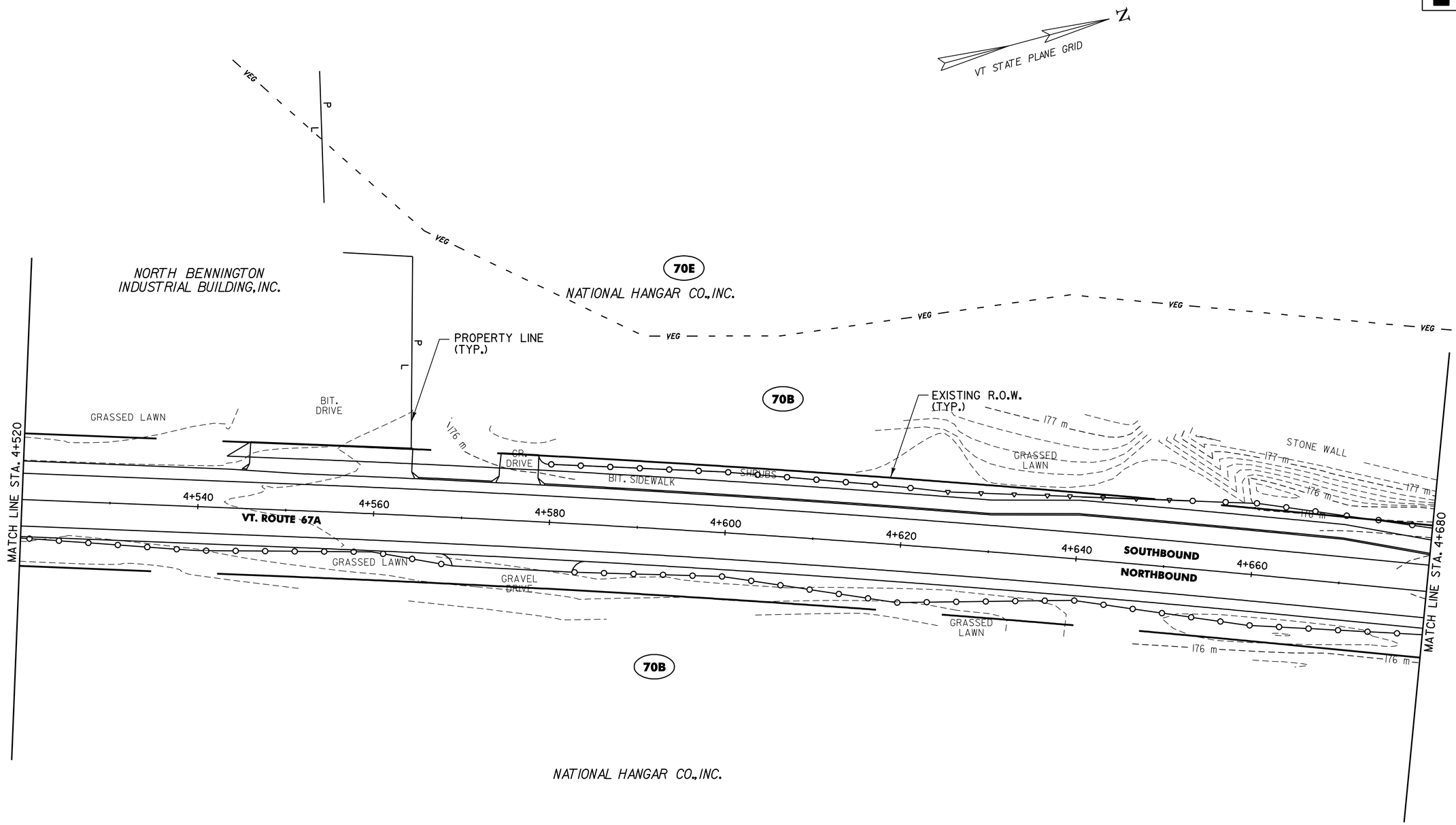
LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #7

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp7.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 83 OF 151 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)



0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #8

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	C.A.K.	DATE	3/06
SQUAD LEADER	D.E.G.		
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn		
IPARM FILE	pdl04fcp8.1	DATE PLOTTED	30-AUG-2010 12
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET	84 OF 151	SHEETS	

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VAOT Metric

N

VT STATE PLANE GRID

PROPERTY LINE (TYP.)

P L

VEG

NATIONAL HANGAR CO., INC.

OHMAN, JOHN R.

70B

70E

EXISTING R.O.W. (TYP.)

GRASSED LAWN

STONE WALL

BIT. SIDEWALK

CONC. SIDEWALK

MATCH LINE STA. 4+680

MATCH LINE STA. 4+840

4+700 4+720 4+740 4+760 4+780 4+800 4+820

SOUTHBOUND

NORTHBOUND

VT. ROUTE 67A

ASPHALT PARKING

BITUMINOUS PARKING

176 m

177 m

HCTRL 6
N 47486.233
E 43916.639
ELEV. 176.614

SHRUB/BRUSH

NATIONAL HANGAR CO., INC.

PARAN CREEK

CLASS II WETLAND

W

0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

SOIL LINE BOUNDARY

WETLAND / RIPARIAN BOUNDARY

WETLAND BUFFER

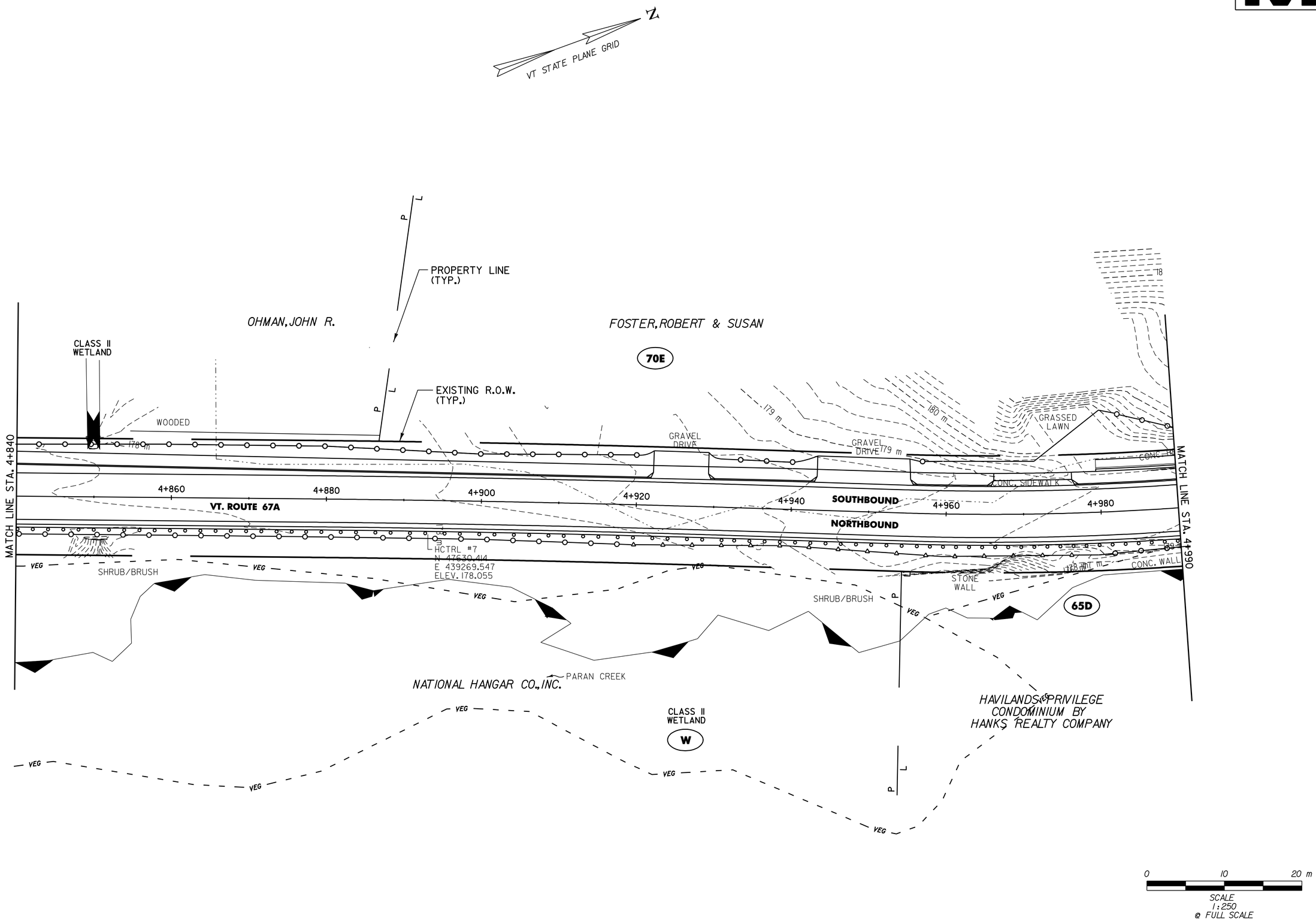
RIPARIAN BUFFER

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

FINAL CONDITIONS PLAN #9

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcp9.1 DATE PLOTTED 30-AUG-2010 12
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 85 OF 151 SHEETS

VAOT Metric



0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #10

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcpl0.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 86 OF 151 SHEETS

VAOT Metric

N

VT STATE PLANE GRID

MATCH LINE STA. 4+990

MATCH LINE STA. 5+160

FOSTER, ROBERT & SUSAN

70E

HCTRL #8
N 47743.532
E 439294.900
ELEV. 182.621

70B

GRASSED LAWN

HEDDING, JOYCE

CAREY, JAMES M. & CAREY, AMY K.

70B

CROSS, PETER & PAULA

PROPERTY LINE (TYP.)

EXISTING R.O.W. (TYP.)

BOUDREAU, MARK & LAURA

FLAG POLE

BIT. DRIVE

CONC. RET. WALL

CONC. SIDEWALK

T. WALL

VT. ROUTE 67A

5+000

5+020

5+040

5+060

5+080

5+100

5+120

5+140

SOUTHBOUND

NORTHBOUND

MARBLE SIDEWALK

GRASSED LAWN

HCTRL #9
N 47796.402
E 439321.600
ELEV. 180.936

GRASSED LAWN

70B

CONC. WALL

SHRUB/BRUSH

PARAN CREEK

65D

CLASS II WETLAND

HAVILANDS PRIVILEGE CONDOMINIUM BY HANKS REALTY COMPANY

VEG

0 10 20 m

SCALE
1:250
@ FULL SCALE

LEGEND

- XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)
- SOIL LINE BOUNDARY
- WETLAND / RIPARIAN BOUNDARY
- WETLAND BUFFER
- RIPARIAN BUFFER

FINAL CONDITIONS PLAN #11

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04FCI2.1 DATE PLOTTED $DATE$
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 87 OF 151 SHEETS

VAOT Metric

N

VT STATE PLANE GRID

MATCH LINE STA. 5+160

WEST ROAD

BIT. SIDEWALK

GR. DRIVE

GR. DRIVE

STONE SIDEWALK

P

L

GRASSED LAWN

HCTRL #11
N 47909.666
E 439378.916
ELEV. 187.946

188 m

GUY

WSO

70B

THE JOHN G.McCULLOUGH FREE LIBRARY, INC.

EXISTING R.O.W. (TYP.)

190 m

CONC. SIDEWALK

BIT. DR.

WOOD FENCE

STONE SIDEWALK

GRASSED LAWN

SHRUBS

STONE SIDEWALK

GR.

BIT. DR.

CONC. CURB

5+280

VT. ROUTE 67A

5+260

CONC. CURB

BIT. SIDEWALK

SHRUBS

GRASSED LAWN

BIT. DR

STONE SIDEWALK

5+240

5+220

5+200

5+180

5+300

SOUTHBOUND

NORTHBOUND

5+320

BIT. DRIVE

GUY

195 m

GUY

BIT. SIDEWALK

WOOD FENCE

GUY

WOOD FENCE

HAVILANDS PRIVILEGE

P

L

CONC. CURB

BIT. SIDEWALK

PROSPECT STREET

HCTRL #10
N 47885.036
E 439383.350
ELEV. 186.837

MINDLING, JAMES M.

WSO

WSO

WSO

WSO

WSO

WSO

WSO

185 m

CONC. CURB

CONC. SIDEWALK

SAGE STREET

IRON PIN

BIT. SIDEWALK

STONE SIDEWALK

70B

VT. ROUTE 67A
MM 3.317 = STA. 5+338.194
END STP 9646(I)S

0 10 20 m

SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

LEGEND

XXX — MAP UNIT TYPE (SEE SHEET 47 FOR DETAILS)

SOIL LINE BOUNDARY

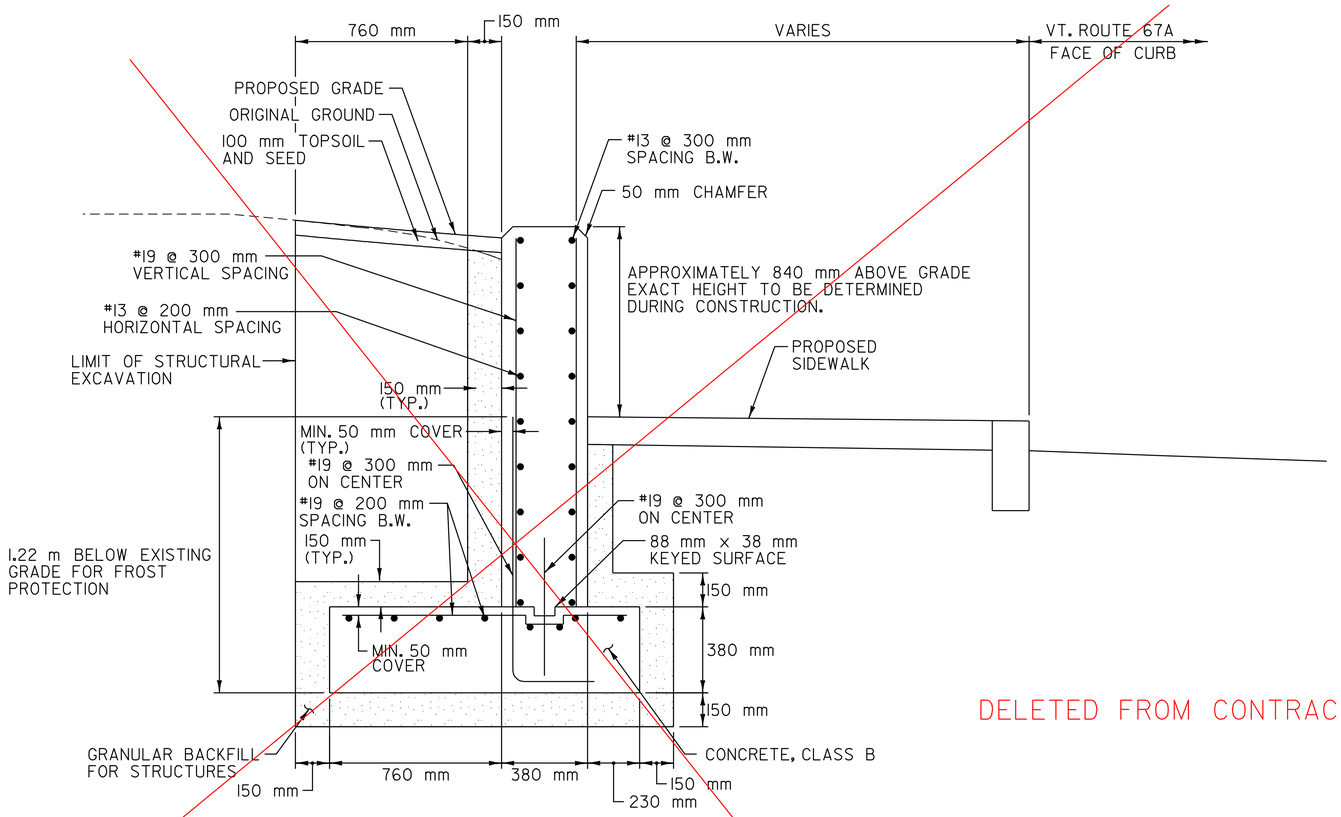
WETLAND / RIPARIAN BOUNDARY

WETLAND BUFFER

RIPARIAN BUFFER

FINAL CONDITIONS PLAN #12

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04fcpl2.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 88 OF 151 SHEETS



DELETED FROM CONTRACT

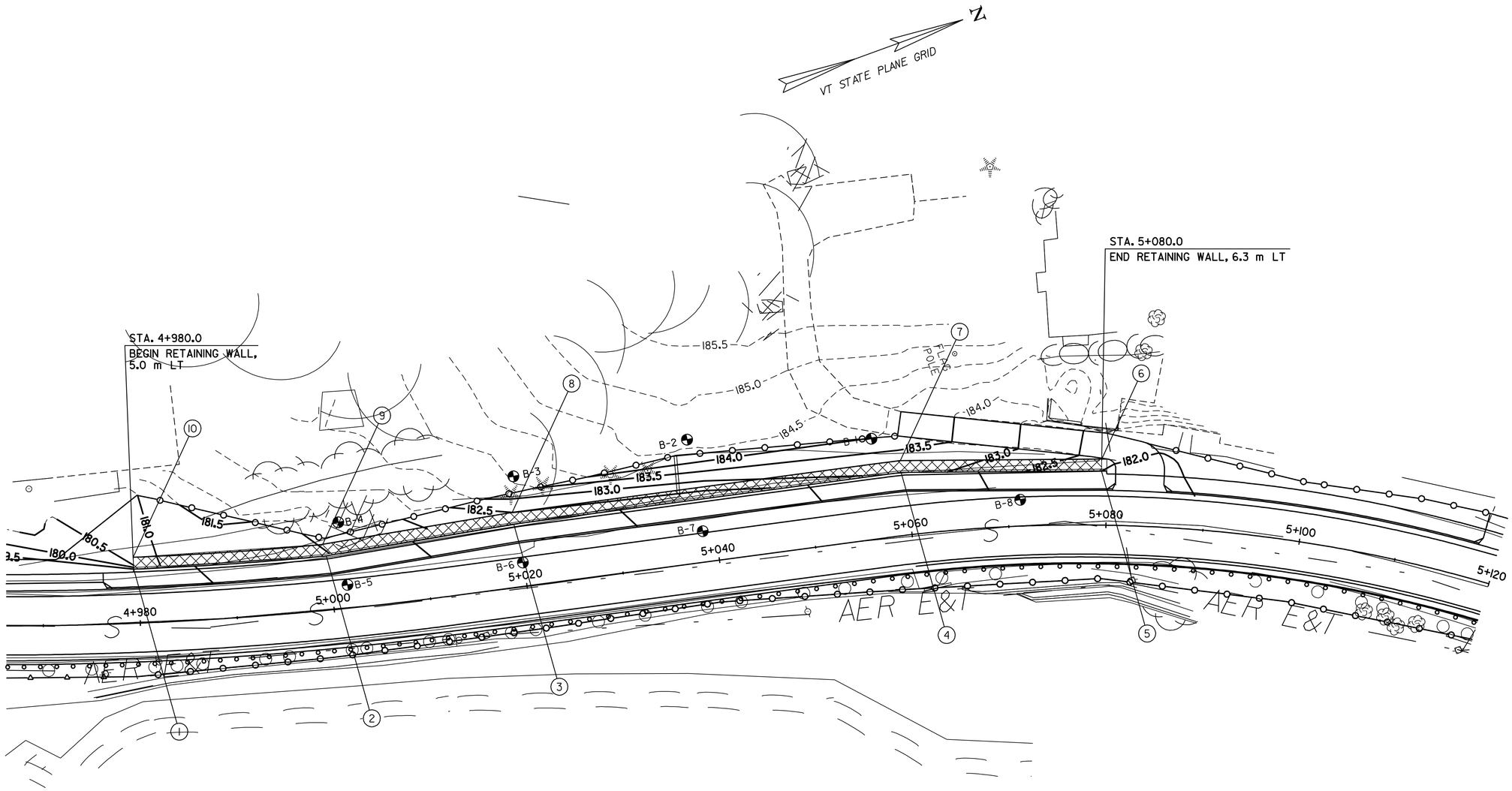
TYPICAL VERTICAL CANTILEVER WALL SECTION

N.T.S.
VT. ROUTE 67A STA. 3+506.0 - STA. 3+510.5 LT

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VERTICAL CANTILEVER RETAINING WALL DETAIL SHEET

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104vcrwds.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 89 OF 151 SHEETS



RETAINING WALL LAYOUT CONTROL TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	47714.278	439291.121	SEE NOTE 1	TOP OF FACING
2	47733.126	439296.562	SEE NOTE 1	TOP OF FACING
3	47752.648	439300.158	SEE NOTE 1	TOP OF FACING
4	47791.945	439308.791	SEE NOTE 1	TOP OF FACING
5	47811.383	439315.698	SEE NOTE 1	TOP OF FACING
6	47811.817	439314.559	182.176	TOP OF WALL
7	47792.283	439307.617	182.946	TOP OF WALL
8	47752.864	439298.958	182.154	TOP OF WALL
9	47733.346	439295.364	181.404	TOP OF WALL
10	47714.649	439289.959	180.616	TOP OF WALL

PROPOSED RETAINING WALL

(5) RETAINING WALL LAYOUT CONTROL POINT

NOTE:

1. TOP OF FACING ELEVATION SHALL BE DETERMINED IN THE FIELD AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEET 91 FOR TYPICAL VERTICAL T-WALL SECTION.

REFERENCE "T" WALL SHOP DRAWINGS

0 10 20 m

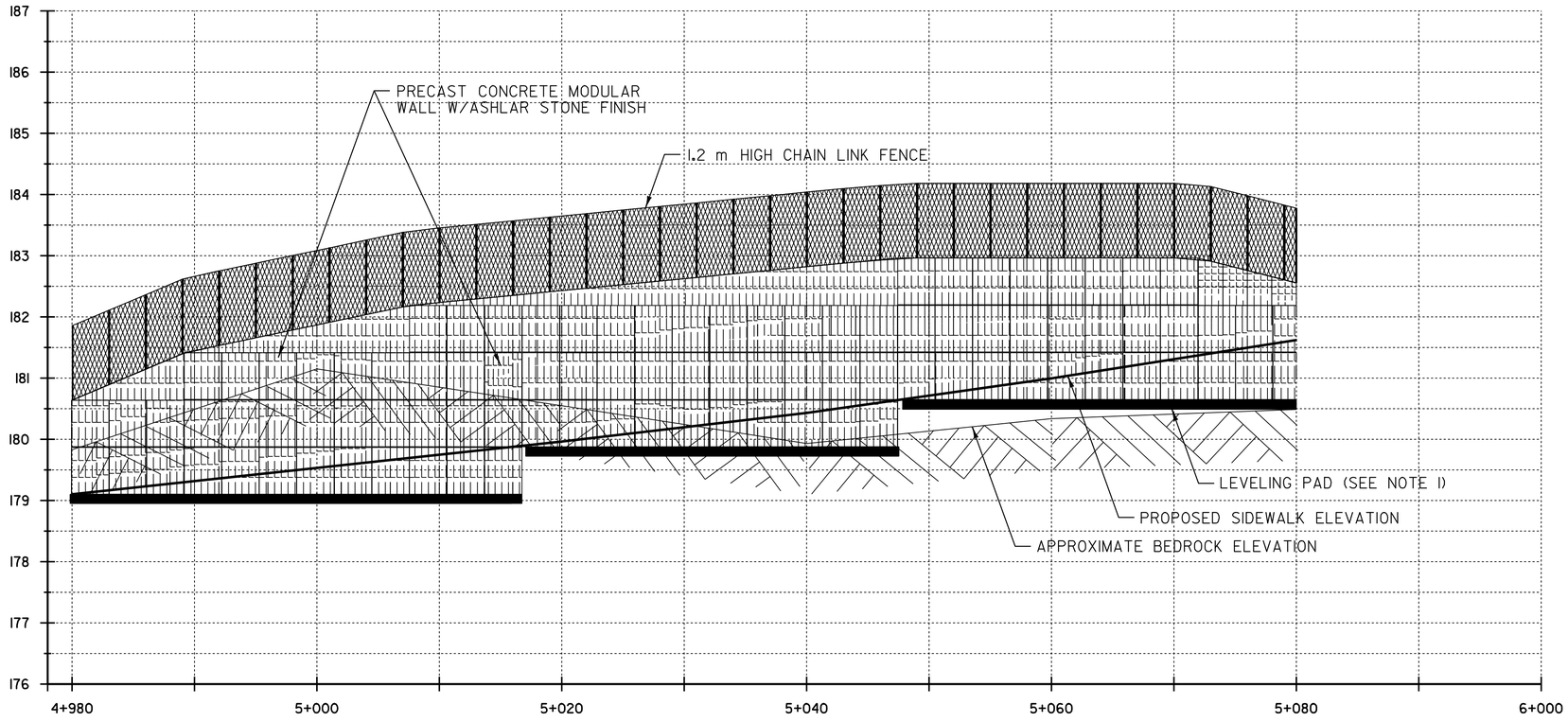
SCALE
1:250
@ FULL SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

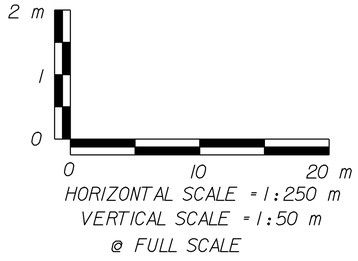
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

RETAINING WALL GRADING PLAN

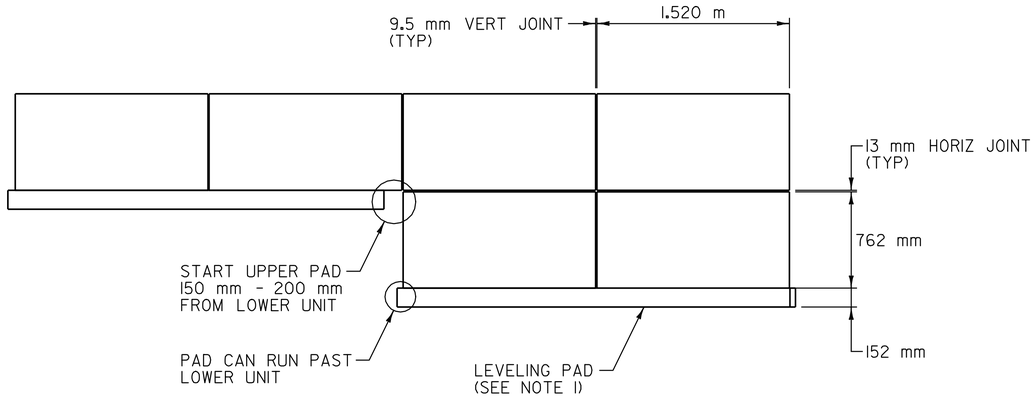
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104rwgps.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 90 OF 151 SHEETS



PROPOSED RETAINING WALL

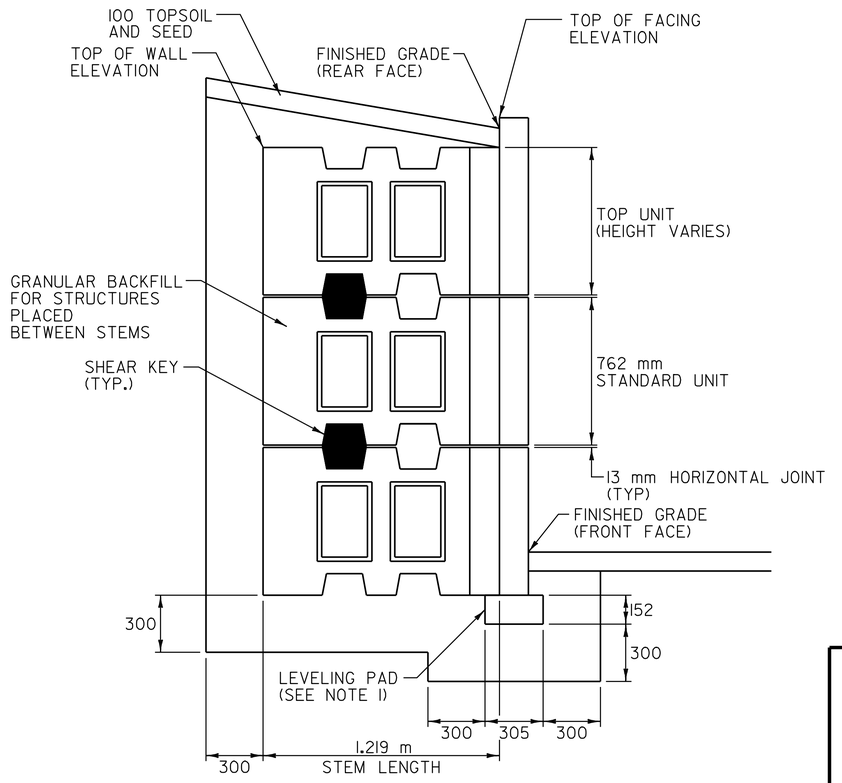


HORIZONTAL SCALE = 1:250 m
VERTICAL SCALE = 1:50 m
@ FULL SCALE



FRONT FACE OF SINGLE UNITS ON STEPPED LEVELING PAD

N.T.S.



TYPICAL VERTICAL WALL SECTION

N.T.S.

NOTE:

1. THE COST OF THE LEVELING PAD SHALL BE CONSIDERED INCIDENTAL TO THE RETAINING WALL.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DATUM	
VERTICAL	N/A
HORIZONTAL	NAD83 (1996)

RETAINING WALL PROFILE & DETAILS SHEET

SURVEYED BY	L.R.S.C.	DATE	4/03
DRAWN BY	C.A.K.	DATE	3/06
SQUAD LEADER	D.E.G.		
DESIGN FILE NO.	/pave/95dl04/pdl04.dgn		
IPARM FILE	pdl04rwpds.1	DATE PLOTTED	30-AUG-2010 12:
PROJ. NAME	NORTH BENNINGTON		
PROJ. NO.	STP 9646(I)S		
SHEET 91 OF 151	SHEETS		

SOIL CLASSIFICATION

AASHTO

A1	Gravel and Sand
A3	Fine Sand
A2	Silty or Clayey Gravel and Sand
A4	Silty Soil - Low Compressibility
A5	Silty Soil - High Compressible
A6	Clayey Soil - Low Compressibility
A7	Clayey Soil - High Compressibile

ROCK QUALITY DESIGNATION

R.Q.D. (%)	ROCK DESCRIPTION
<25	Very Poor
25 to 50	Poor
51 to 75	Fair
76 to 90	Good
>90	Excellent

SHEAR STRENGTH

UNDRAINED SHEAR STRENGTH IN kPa	CONSISTENCY
<12	Very Soft
12-24	Soft
25-48	Med. Stiff
49-96	Stiff
97-192	Very Stiff
>192	Hard

CORRELATION GUIDE OF "N" TO DENSITY / CONSISTENCY

DENSITY (GRANULAR SOILS) N	DESCRIPTIVE TERM	CONSISTENCY (COHESIVE SOILS) N	DESCRIPTIVE TERM
<5	Very Loose	<2	Very Soft
5-10	Loose	2-4	Soft
11-24	Med. Dense	5-8	Med. Stiff
25-50	Dense	9-15	Stiff
>50	Very Dense	16-30	Very Stiff
		31-60	Hard
		>60	Very Hard

COMMONLY USED SYMBOLS

▼	Water Elevation
◕	Standard Penetration Boring
⊕	Auger Boring
⊙	Rod Sounding
S	Sample
N	Standard Penetration Test Blow Count Per 300 mm For: 50.8 mm O.D. Sampler 35.0 mm I.D. Sampler Hammer Weight Of 63.5 kg. Hammer Fall Of 762 mm
VS	Field Vane Shear Test
US	Undisturbed Soil Sample
B	Blast
DC	Diamond Core
MD	Mud Drill
WA	Wash Ahead
HSA	Hollow Stem Auger
AX	Core Size 30.1mm
BX	Core Size 42.0 mm
NX	Core Size 57.4 mm
M	Double Tube Core Barrel Used
LL	Liquid Limit
PL	Plastic Limit
PI	Plasticity Index
NP	Non Plastic
W	Moisture Content (Dry Wgt. Basis)
D	Dry
M	Moist
MTW	Moist To Wet
W	Wet
Sat	Saturated
Bo	Boulder
Gr	Gravel
Sa	Sand
Si	Silt
Cl	Clay
Hp	Hardpan
Le	Ledge
NLTD	No Ledge To Depth
CNPF	Can Not penetrate Further
TLOB	To Ledge Or Boulder
NR	No Recovery
Rec.	Recovery
% Rec.	Percent Recovery
RQD	Rock Quality Designation
CBR	California Bearing Ratio
<	Less Than
>	Greater Than
R	Refusal (N > 100)

COLOR

blk	Black	pnk	Pink
bl	Blue	pu	Purple
brn	Brown	rd	Red
dk	Dark	tn	Tan
gry	Gray	wh	White
gn	Green	yel	Yellow
lt	Light	mltc	Multicolored
or	Orange		

DEFINITIONS (AASHTO)

BEDROCK (LEDGE) - Rock in its native location of indefinite thickness.
BOULDER - A rock fragment with an average dimension > 304.8 mm.
COBBLE - rock fragments with an average dimension between 76.2 mm and 304.8 mm.
GRAVEL - Rounded particles of rock < 76.2 mm and > 2 mm (#10 sieve).
SAND - Particles of rock < 2 mm (#10 sieve) and > 75 μm (#200 sieve).
SILT - Soil < 75 μm (#200 sieve), non or slightly plastic and exhibits no strength when air-dried.
CLAY - Fine grained soil, exhibits plasticity when moist and considerable strength when air-dried.
VARVED - Alernate layers of silt and clay.
HARDPAN - Extremely dense soil, cemented layer, not softened when wet.
MUCK - Soft organic soil (containing > 10% organic material.
MOISTURE CONTENT - Weight of water divided by dry weight of soil.
FLOWING SAND - Granular soil so saturated (loose) that it flows into drill casing during extraction of wash rod.
STRIKE - Angle from magnetic north to line of intersection of bed with a horizontal plane.
DIP - Inclination of bed with a horizontal plane.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VAOT Metric

GENERAL NOTES

The subsurface explorations shown herein were made between 2/28/02 and 3/13/02 by the Agency. Soil and rock classifications, properties and descriptions are based on engineering interprettion from available subsurface information by the Agency and may not necessarily reflect actual variations in subsurface conditions that may be encountered between individual boring or sample locations.

Observed water levels and/or conditions indicated are as recorded at the time of exploration and may vary according to the prevailing rainfall, methods of exploration and other factors.

Engineering judgement was exercised in preparing the subsurface information presented herein. Analysis and interpretation of subsurface data was performed and interpreted for Agency design and estimating purposes. Presentation of the information in the Contract is intended to provide the Contractor access to the same data available to the Agency. The subsurface information is presented in good faith and is not intended as a substitute for interpretation, independent analysis or judgement by the Contractor.

Pictorial structure details shown on the boring plan layout or soils profile are for illustrative purposes only and may not accurately portray final contract details.

Terminology used on boring logs to describe the hardness, degree of weathering and spacing of fractures, joints and other discontinuities in the bedrock is defined in the AASHTO Manual on Subsurface Investigations, 1988.

HOLE NO.	STATION	OFFSET (m)	GROUND ELEV.
B-1	5+057.6	10.3 LT	184.19
B-2	5+038.8	12.8 LT	184.70
B-3	5+020.6	11.4 LT	183.60
B-4	5+001.8	8.9 LT	182.00
B-5	5+002.1	2.4 LT	180.00
B-6	5+020.4	2.5 LT	180.10
B-7	5+039.2	3.2 LT	180.40
B-8	5+071.8	2.8 LT	181.70

BORING LOGS #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104b11.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 92 OF 151 SHEETS

CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS

Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-1

Page 1 of 1

PROJECT NUMBER: 10760.1000.1502 3/5/02
LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray INSPECTOR: CWS
START DATE: 3-1-02 FINISH DATE: 3-1-02
START TIME: 11:00:00 AM FINISH TIME: 1:30:00 PM
SURFACE ELEV: 184.19 (m; Estimated) CHECKED BY: MSQ
DRILL FLUID: Water @ 0.6m DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	'N' Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S-1	0.61	0.27	1-5-4-5	9				TOPSOIL	184	S-1 tested for grain size distribution and moisture content	
S-2	0.61	0.18	2-3-4-5	7		1		SILT, little f.m.c. sand, little f.c. gravel, trace organics, dk. brown, m. stiff, wet (FILL)		Casing grinds at 0.6 meters; S-2 tested for grain size distribution and moisture content	
S-3	0.61	0.3	5-4-2-3	6				grades to Some f.m.c. Sand, brown (FILL)	183	S-3 tested for electrochemical properties, grain size distribution and moisture content	
S-4	0.61	0	4-6-4-5	10		2		No Recovery		Gravel in tip of shoe, S-4	
S-5	0.58	0.46	6-9-26-30/.12	35				Rock Fragments, Some Silt, Some f.m.c. Sand, brown/gray, compact, wet (Completely Weathered Bedrock)	182	S-5 tested for grain size distribution and moisture content	
R-1	0.55	0.46	NA	0%		3		DOLOMITE, gray, m. hard, moderately weathered, v. closely fractured, v. poor RQD	181	Occasional vertical fracturing in R-1 and R-2	
R-2	1.07	1.07	NA	83%		4		DOLOMITE, gray, m. hard, slightly to moderately weathered, closely fractured, good RQD	180	Core block at 3.6 meters	
						5		End of Boring at 4.66 m	179		

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-2

Page 1 of 1

PROJECT NUMBER: 10760.1000.1502 3/5/02
LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray INSPECTOR: CWS
START DATE: 2-28-02 FINISH DATE: 2-28-02
START TIME: 8:30:00 AM FINISH TIME: 12:10:00 PM
SURFACE ELEV: 184.70 (m; Estimated) CHECKED BY: MSQ
DRILL FLUID: Water @ G.S. DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)
	2-28-02	3:00 PM	Dry	None	2.44

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	'N' Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL		Topsoil thickness based upon visual inspection	
S-1	0.61	0	31-4-4-4	8		1		No Recovery	184	Drill to 0.6 m without sampling Cobbles visible in sidewalls of borehole after removal of FJC Gravel in shoe, S-1 & S-2; S-1 & S-2 tested for grain size distribution and moisture content	
S-2	0.61	0.09	4-8-4-9	12				f.c. GRAVEL, little silt, trace f.m.c. sand, dk. brown, m. compact, wet (FILL)			
S-3	0.61	0.43	11-12-13-37	25		2		grades to Some f.m.c. Sand, lt. brown/gray (FILL)	183	S-3 tested for grain size distribution and moisture content	
R-1	1.52	1.52	NA	17%		3		DOLOMITE, gray w/brown seams, m. hard, moderately weathered, v. closely fractured, v. poor RQD	182	Drilling resistance increases at 2.4 meters Occasional vertical fracturing in R-1	
R-2	1.52	1.52	NA	85%		4		DOLOMITE, gray, m. hard, slightly weathered, closely fractured, good RQD	181	Highly weathered from 3.4 to 3.8 meters	
						5		End of Boring at 5.49 m	180		
									179		

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

BORING LOGS #2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104b12.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 93 OF 151 SHEETS

VAOT Metric

CLOUGH, HARBOUR & ASSOCIATES LLP
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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-3

Page 1 of 1

PROJECT NUMBER: 10760.1000.1502 3/5/02
LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray
INSPECTOR: CWS
START DATE: 2-28-02
FINISH DATE: 2-28-02
START TIME: 1:15:00 PM
FINISH TIME: 4:20:00 PM
SURFACE ELEV: 183.60 (m; Estimated)
CHECKED BY: MSQ
DRILL FLUID: Water @ 0.6m
DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING

DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)
3-1-02	9:45 AM	Dry	None	1.68

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S-1	0.61	0.12	2-3-3-9	6				TOPSOIL f.c. GRAVEL, little silt, little f.m.c. sand, brown, loose, moist (FILL)		Rock fragments in shoe, S-1; S-1 tested for electrochemical properties	
S-2	0.43	0.24	14-19-43/.12	R		1		Rock Fragments, little silt, little f.m.c. sand, brown/gray, v. compact, wet (Completely Weathered Bedrock)	183	Casing grinds at 0.6 meters; S-2 tested for grain size distribution and moisture content	
R-1	1.52	1.4	NA	77%		2		DOLOMITE, gray, m. hard, slightly weathered, close to medium fracture spacing, good RQD	182	Occasional vertical fracturing in R-1 and R-2	
R-2	1.52	1.46	NA	83%		3		Similar Bedrock	181		
						4		End of Boring at 4.08 m	180		
						5			179		
									178		

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-4

Page 1 of 1

PROJECT NUMBER: 10760.1000.1502 3/5/02
LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray
INSPECTOR: CWS
START DATE: 3-1-02
FINISH DATE: 3-1-02
START TIME: 7:30:00 AM
FINISH TIME: 10:45:00 AM
SURFACE ELEV: 182.00 (m; Estimated)
CHECKED BY: MSQ
DRILL FLUID: Water @ 0.4m
DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING

DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S-1	0.4	0.3	2-7-30/.09	R				TOPSOIL, frozen		Rock fragments in sample S-1; S-1 tested for grain size distribution and moisture content Occasional vertical fracturing in R-1 and R-2	
R-1	1.52	1.52	NA	60%		1		DOLOMITE, gray, m. hard, moderate to slight weathering, close to medium facture spacing, fair RQD	181		
R-2	1.52	1.46	NA	82%		2		RQD becomes good	180		
						3		End of Boring at 3.44 m	179		
						4			178		
						5			177		

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

BORING LOGS #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04bl3.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 94 OF 151 SHEETS

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-5

PROJECT NUMBER: 10760.1000.1502 3/5/02 — Page 1 of 1

LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray — INSPECTOR: KEM
START DATE: 3-13-02 — FINISH DATE: 3-13-02
START TIME: 12:43:00 PM — FINISH TIME: 2:17:00 PM
SURFACE ELEV: 180.00 (m; Estimated) — CHECKED BY: MSQ

DRILL FLUID: Water @ 0.6m — DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	0.58	0.15	5-10-14-8/.12	24				f.m.c. SAND, Some f.c. Gravel, trace silty clay, brown, m. compact, moist (FILL)		S-1 tested for grain size distribution and moisture content	
						1		DOLOMITE, gray, m. hard, moderate weathering, close fracture spacing, very poor RQD	179	Vertical fractures throughout	
R1	1.52	1.52	NA	16%							
						2			178		
								End of Boring at 2.19 m			
						3			177		
						4			176		
						5			175		

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-6

PROJECT NUMBER: 10760.1000.1502 3/5/02 — Page 1 of 1

LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray — INSPECTOR: CWS
START DATE: 3-12-02 — FINISH DATE: 3-12-02
START TIME: 12:00:00 PM — FINISH TIME: 2:45:00 PM
SURFACE ELEV: 180.10 (m; Estimated) — CHECKED BY: MSQ

DRILL FLUID: Water @ G.S. — DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT	180		
S-1	0.61	0.3	5-5-5-5	10				f.m.c. SAND, Some f.c. Gravel, little silt, brown, m. compact, moist (FILL)		S-1 tested for grain size distribution and moisture content Rock fragments in shoe, S-1 Casing grinds at 0.52 meters	
								Rock Fragments			
R-1	0.7	0.12	NA	0%		1			179		
								DOLOMITE, gray, m. hard, slightly weathered, close fracture spacing, fair RQD		Core block at 1.3 meters	
R-2	1.52	1.52	NA	67%		2			178		
								End of Boring at 2.83 m			
						3			177		
						4			176		
						5			175		

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

BORING LOGS #4

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104b14.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 95 OF 151 SHEETS

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-7

Page 1 of 1

PROJECT NUMBER: 10760.1000.1502 3/5/02
LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray INSPECTOR: KEM
START DATE: 3-13-02 FINISH DATE: 3-13-02
START TIME: 8:00:00 AM FINISH TIME: 11:05:00 AM
SURFACE ELEV: 180.40 (m; Estimated) CHECKED BY: MSQ
DRILL FLUID: Water @ G.S. DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)
	3-13-02	1:43 PM	2.19		4.72
	3-25-02	4:45 PM	2.12		4.57

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT			
S1	0.61	0.27	4-5-14-4	19				f.m.c. SAND, Some f.c. Gravel, trace silt, brown, m. compact, wet (FILL)	180	S-1 tested for electrochemical properties, grain size distribution and moist content	
S2	0.61	0.24	5-3-5-6	8		1		f. SAND, Some Silt, little rock fragments, trace clay, brown, loose, moist (FILL)		S-2 tested for electrochemical properties, grain size distribution and moist content	
S3	0.3	0.27	19-59/.15	R				Rock Fragments, little silt, little f. sand, v. compact, wet (Completely Weathered Bedrock)	179	S-3 tested for grain distribution and moist content	
						2		DOLOMITE, gray, m. hard, slight weathering, close fracture spacing, poor RQD		Vertical fractures upp 0.76 m of R-1 Borehole caved to 1.8 around PVC after removing FJC	
R1	1.52	1.52	NA	47%					178		
						3		DOLOMITE, gray, m. hard, slight weathering, close fracture spacing, good RQD	177	Vertical fractures upper 0.46 m of R-2	
R2	1.52	1.51	NA	81%		4			176		
								End of Boring at 4.72 m			
						5			175		

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-8

Page 1 of 1

PROJECT NUMBER: 10760.1000.1502 3/5/02
LOCATION: North Bennington, Vermont
CLIENT: Vermont Agency of Transportation
CONTRACTOR: VAOT
DRILLER: Ray INSPECTOR: CWS
START DATE: 3-12-02 FINISH DATE: 3-12-02
START TIME: 8:20:00 AM FINISH TIME: 11:00:00 AM
SURFACE ELEV: 181.70 (m; Estimated) CHECKED BY: MSQ
DRILL FLUID: Water @ G.S. DRILLING METHOD: 102mm FJC

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT			
S-1	0.61	0.3	3-4-6-7	10				f.m.c. SAND, little silt, little f.c. gravel, brown, m. compact, moist to wet (FILL)		S-1 tested for electrochemical properties, grain size distribution and moisture content	
S-2	0.61	0.18	6-7-4-3	11		1		grades to Some Silt, wet (FILL)	181	S-2 tested for grain size distribution and moisture content Rock fragments in sample S-2	
S-3	0.61	0.27	16-36-16-49	52				Rock Fragments, Some Silt, Some f.m.c. Sand, brown/gray, v. compact, wet (Completely Weathered Bedrock)	180	S-3 tested for grain size distribution and moisture content Split spoon sampler was bent driving S-3	
						2		DOLOMITE, gray, m. hard, slightly weathered, close fracture spacing, poor RQD			
R-1	1.52	1.43	NA	48%					179		
						3					
								End of Boring at 3.35 m	178		
						4					
									177		
						5					
									176		

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

BORING LOGS #5

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104b15.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 96 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 67A:
STA. 3+434.340 - STA. 3+560.0 LT & RT

RIVER ROAD:
STA. RI+011.0 - STA. RI+067.0 LT

HILLSIDE STREET:
STA. HI+005.0 - STA. HI+023.0 RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

	LT	℄	RT
VT. ROUTE 67A: STA. 3+434.340 - STA. 3+560.0	S	-	S
RIVER ROAD: STA. RI+011.0 - STA. RI+070.0	S	-	S
HILLSIDE STREET: STA. HI+009.0 - STA. HI+070.0	S	-	S

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

	LT	℄	RT
VT. ROUTE 67A: STA. 3+434.340 - STA. 3+560.0	S	-	S
RIVER ROAD: STA. RI+011.0 - STA. RI+070.0	S	-	S
HILLSIDE STREET: STA. HI+009.0 - STA. HI+070.0	S	-	S

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)

RIVER ROAD:
STA. RI+001.8 - STA. RI+018.3 HATCHED SHOULDER RT (40.0 m)

646.46 DURABLE 600 mm STOP BAR (THERMOPLASTIC)

RIVER ROAD:
STA. RI+010.7 LT

HILLSIDE STREET:
STA. HI+008.7 LT

646.50 DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

RIVER ROAD:
STA. RI+013.5 LT, "S,T,O,P" (4 EA)

HILLSIDE STREET:
STA. HI+011.5 LT, "S,T,O,P" (4 EA)

646.51 DURABLE CROSSWALK W/DIAGONAL LINES (MOD.) (THERMOPLASTIC)

VT. ROUTE 67A:
STA. 3+467.8

RIVER ROAD:
STA. RI+007.9

646.66 TEMPORARY 600 mm STOP BAR (PAINT)

RIVER ROAD:
STA. RI+010.7 LT

HILLSIDE STREET:
STA. HI+008.7 LT

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 67A:
STA. 3+434.340 - STA. 3+560.0 LT & RT

RIVER ROAD:
STA. RI+011.0 - STA. RI+067.0 LT

HILLSIDE STREET:
STA. HI+005.0 - STA. HI+023.0 RT

646.51 TEMPORARY LETTER OR SYMBOL (PAINT)

RIVER ROAD:
STA. RI+013.5 LT, "S,T,O,P" (8 EA)

HILLSIDE STREET:
STA. HI+011.5 LT, "S,T,O,P" (8 EA)

646.71 TEMPORARY CROSSWALK W/DIAGONAL LINES (MOD.) (PAINT)

VT. ROUTE 67A:
STA. 3+467.8

RIVER ROAD:
STA. RI+007.9

675.50 REMOVING SIGNS

AS SHOWN - 17

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2

STA. 3+436.1, LT
STATE HIGHWAY ENDS
SPEED LIMIT 30
THROUGH WAY BEGINS HERE
BRIDGE 3 VT 67A
B-B

STA. 4+434.0, LT
BRIDGE 3 VT 67A

STA. 3+440.0, LT
SPEED LIMIT 30
STATE HIGHWAY BEGINS
THROUGH WAY BEGINS HERE

STA. RI+015.2, LT
TO

STA. RI+013.6, LT
TO

STA. RI+010.0, LT
YIELD

STA. RI+010.0, LT
S RIVER ROAD N
STOP

STA. 3+465.0, LT

R=39.0 m
R=14.3 m

RI+040
RI+060
RIVER ROAD
3.0 m
3.0 m

END RIVER ROAD
STA. RI+070.000 029.1

STA. RI+023.1, LT
RET
RET

STA. HI+014.5, LT
S HILLSIDE ST N
STOP

STA. HI+014.5, LT
R&S RIVER ROAD
R&S HILLSIDE ST
R

STA. HI+014.4, LT
STOP

ADD:
COVERED BRIDGE
TREATMENT PLANT

VT STATE PLANE GRID
N

END HILLSIDE STREET
STA. HI+070.000

HI+020
HI+040
HI+060
2.7 m
2.7 m
HILLSIDE STREET

VT. ROUTE 67A

0.3 m
3.0 m
3+440
3+460
3.0 m
0.2 m
3+480
RI+020

STA. 3+434.340
BEGIN RT SHOULDER WIDENING
BEGIN LT SHOULDER WIDENING

VT. ROUTE 67A
MM 2.134 = STA. 3+434.340
BEGIN STP 9646(I)S

R=9.0 m

STA. HI+028.0, RT
WATCH FOR CHILDREN AHEAD

STA. HI+018.7, RT
SPEED LIMIT 30

STA. HI+018.7, RT
SPEED LIMIT 30

STA. 3+440.0, RT
SPEED LIMIT 35
STATE HIGHWAY ENDS
THROUGH WAY ENDS HERE

STA. 3+459.2, RT
SPEED LIMIT 35
STATE HIGHWAY BEGINS
THROUGH WAY ENDS HERE
B-B

STA. 3+465.0, RT

STA. 3+471.3, RT
TO

STA. RI+029.1, LT
STOP

3+500
3+520
3+540
1.2 m
3.0 m
NORTHBOUND
SOUTHBOUND

STA. 3+510.000
END RT SHOULDER WIDENING
END LT SHOULDER WIDENING

MATCH LINE STA. 3+560

0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= ---------
NEW= ———
① SIGN TO BE RETURNED TO THE VILLAGE OF NORTH BENNINGTON

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ssps01.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 97 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 3+560.0 - STA. 3+720.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 3+560.0 - STA. 3+720.0	S	-	S

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 3+646.2 - STA. 3+649.8 RT, SHOULDER HATCHING (11.0 m)
STA. 3+703.3 - STA. 3+706.9 RT, SHOULDER HATCHING (11.0 m)

675.50 REMOVING SIGNS
AS SHOWN - 6

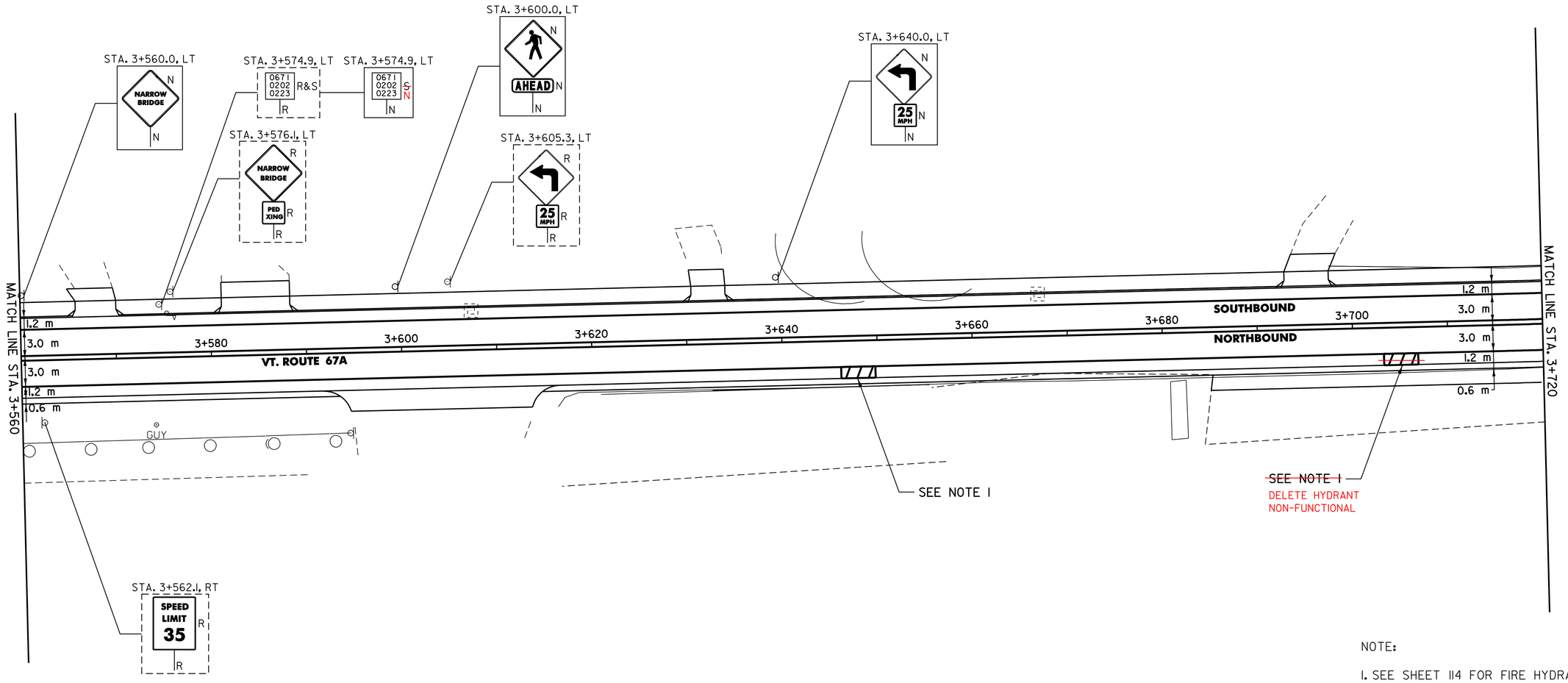
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 3+560.0 - STA. 3+720.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 3+560.0 - STA. 3+720.0	S	-	S

N
VT STATE PLANE GRID



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104ssps02.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 98 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 3+720.0 - STA. 3+880.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 3+720.0 - STA. 3+880.0	S	-	S

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 3+786.4 - STA. 3+790.0 RT, SHOULDER HATCHING (11.0 m)

675.50 REMOVING SIGNS
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

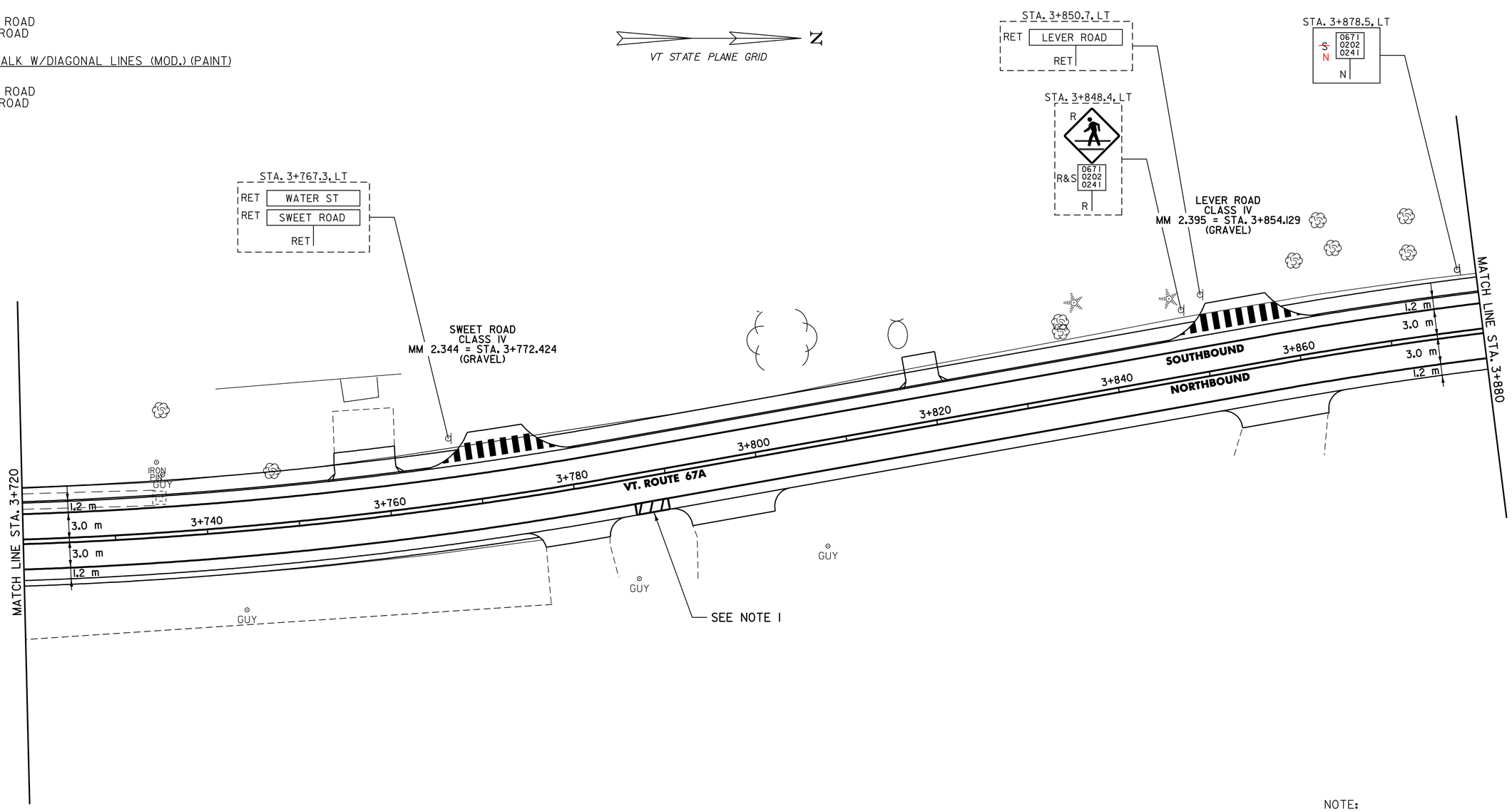
646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 3+720.0 - STA. 3+880.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 3+720.0 - STA. 3+880.0	S	-	S

646.51 DURABLE CROSSWALK W/DIAGONAL LINES (MOD.) (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 3+772.424 LT, SWEET ROAD
STA. 3+854.129 LT, LEVER ROAD

646.71 TEMPORARY CROSSWALK W/DIAGONAL LINES (MOD.) (PAINT)
VT. ROUTE 67A:
STA. 3+772.424 LT, SWEET ROAD
STA. 3+854.129 LT, LEVER ROAD



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104ssps03.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 99 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 3+880.0 - STA. 4+040.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 3+880.0 - STA. 4+040.0	S	-	S

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 3+397.3 - STA. 4+000.9 LT, SHOULDER HATCHING (11.0 m)

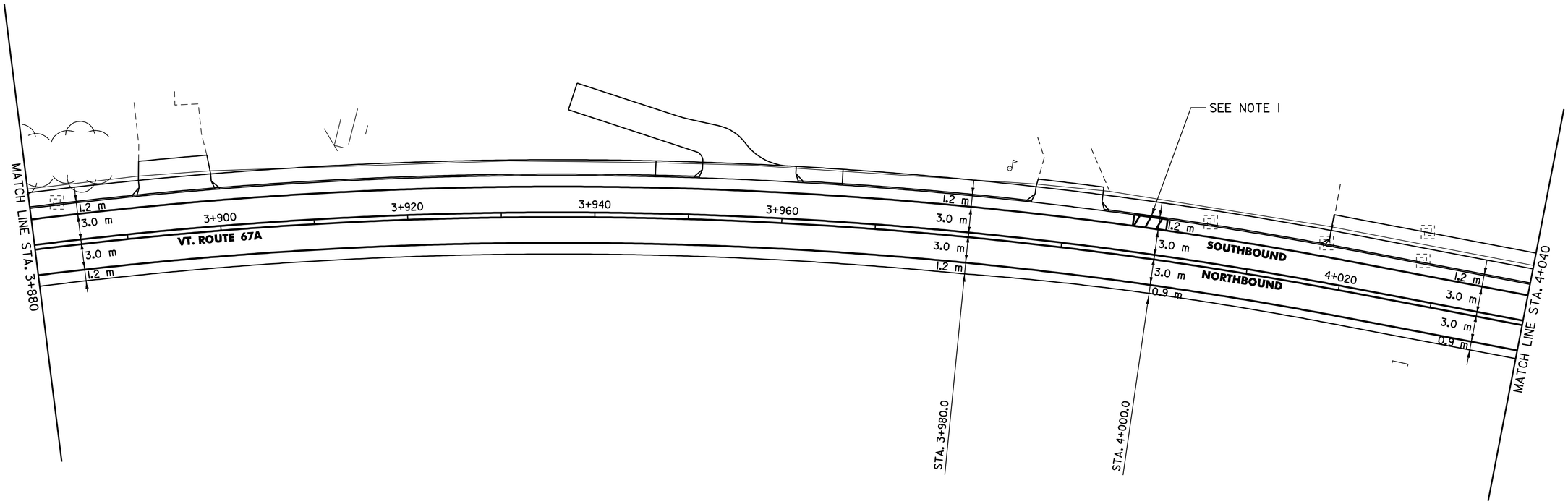
646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 3+880.0 - STA. 4+040.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 3+880.0 - STA. 4+040.0	S	-	S

N

VT STATE PLANE GRID



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m

SCALE
1:250
@ FULL SCALE

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #4

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ssps04.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 100 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+040.0 - STA. 4+200.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+040.0 - STA. 4+200.0	S	-	S

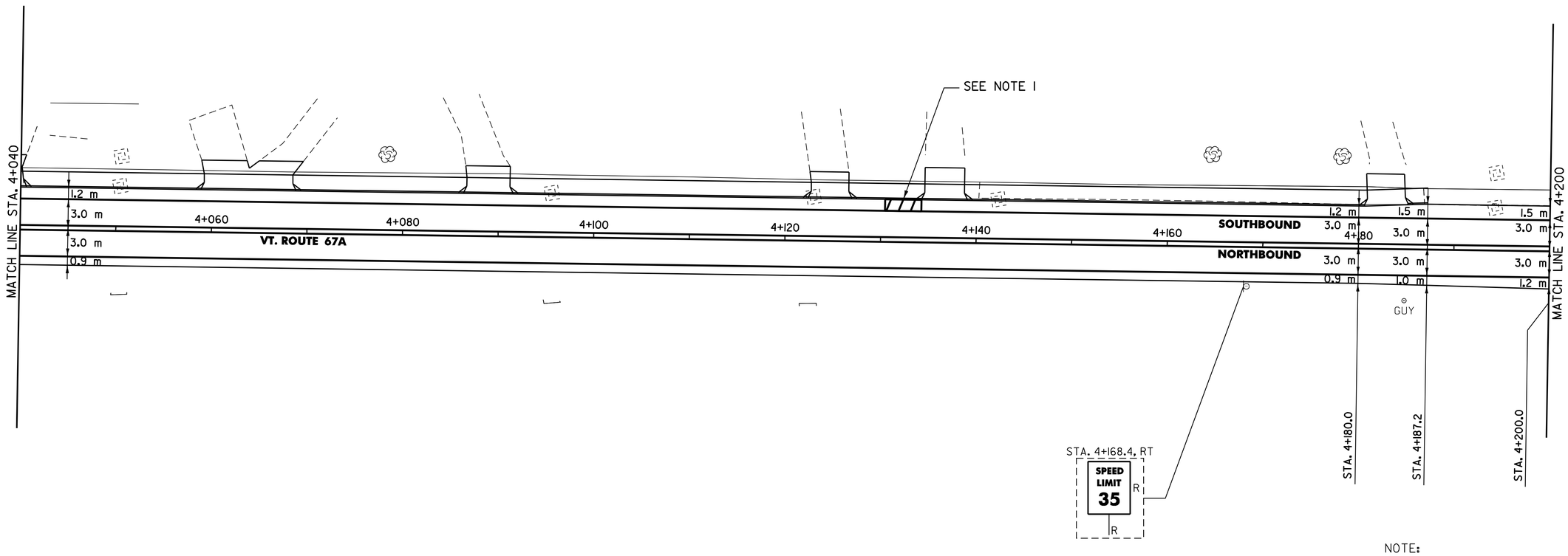
646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 4+130.8 - STA. 4+134.6 LT, SHOULDER HATCHING (11.0 m)

675.50 REMOVING SIGNS
AS SHOWN - 1

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+040.0 - STA. 4+200.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+040.0 - STA. 4+200.0	S	-	S



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND

R=	REMOVE
S=	SALVAGE
N=	NEW
RET=	RETAIN
B-B=	BACK TO BACK
EXISTING=	- - - - - - - -
NEW=	————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #5

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ssps05.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 101 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+200.0 - STA. 4+360.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

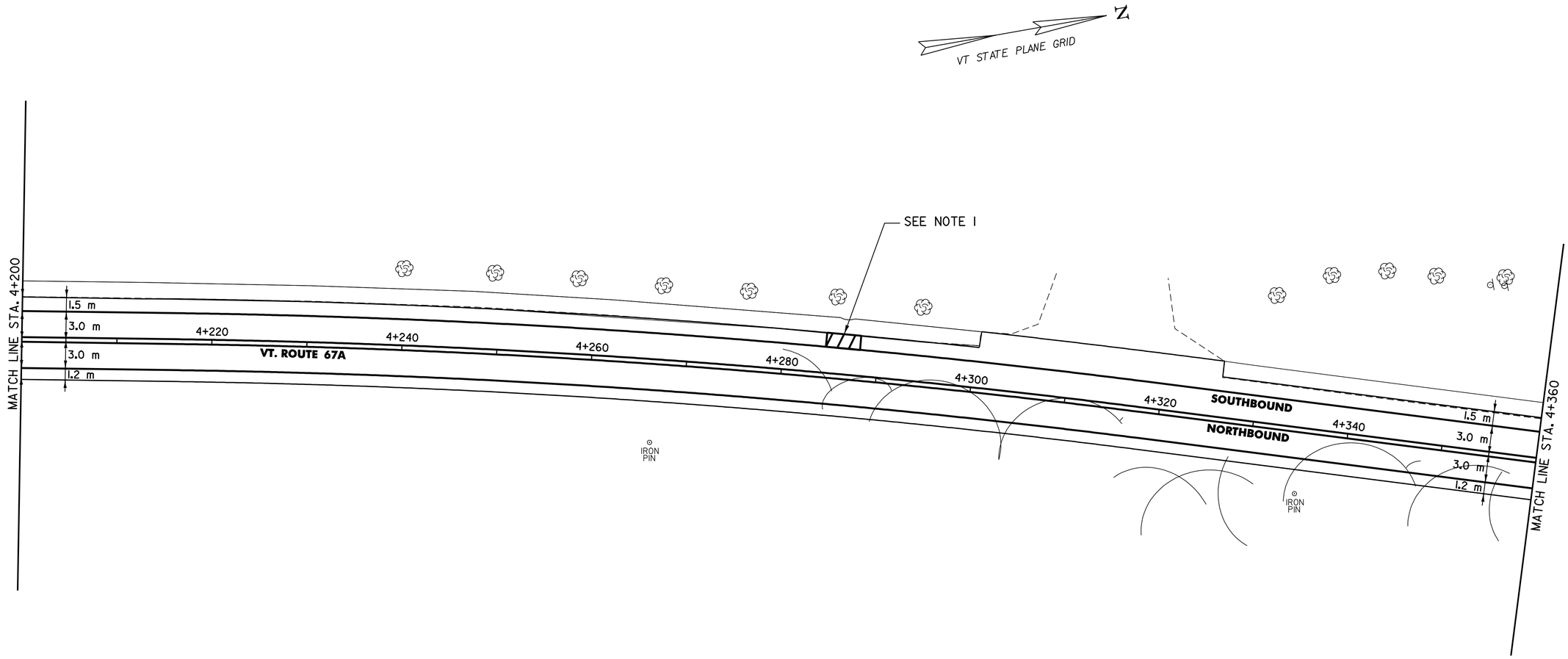
VT. ROUTE 67A:	LT	℄	RT
STA. 4+200.0 - STA. 4+360.0	S	-	S

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 4+284.5 - STA. 4+288.1 LT, SHOULDER HATCHING (11.0 m)

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+200.0 - STA. 4+360.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+200.0 - STA. 4+360.0	S	-	S



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #6

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104ssps06.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 102 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+360.0 - STA. 4+520.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+360.0 - STA. 4+520.0	S	-	S

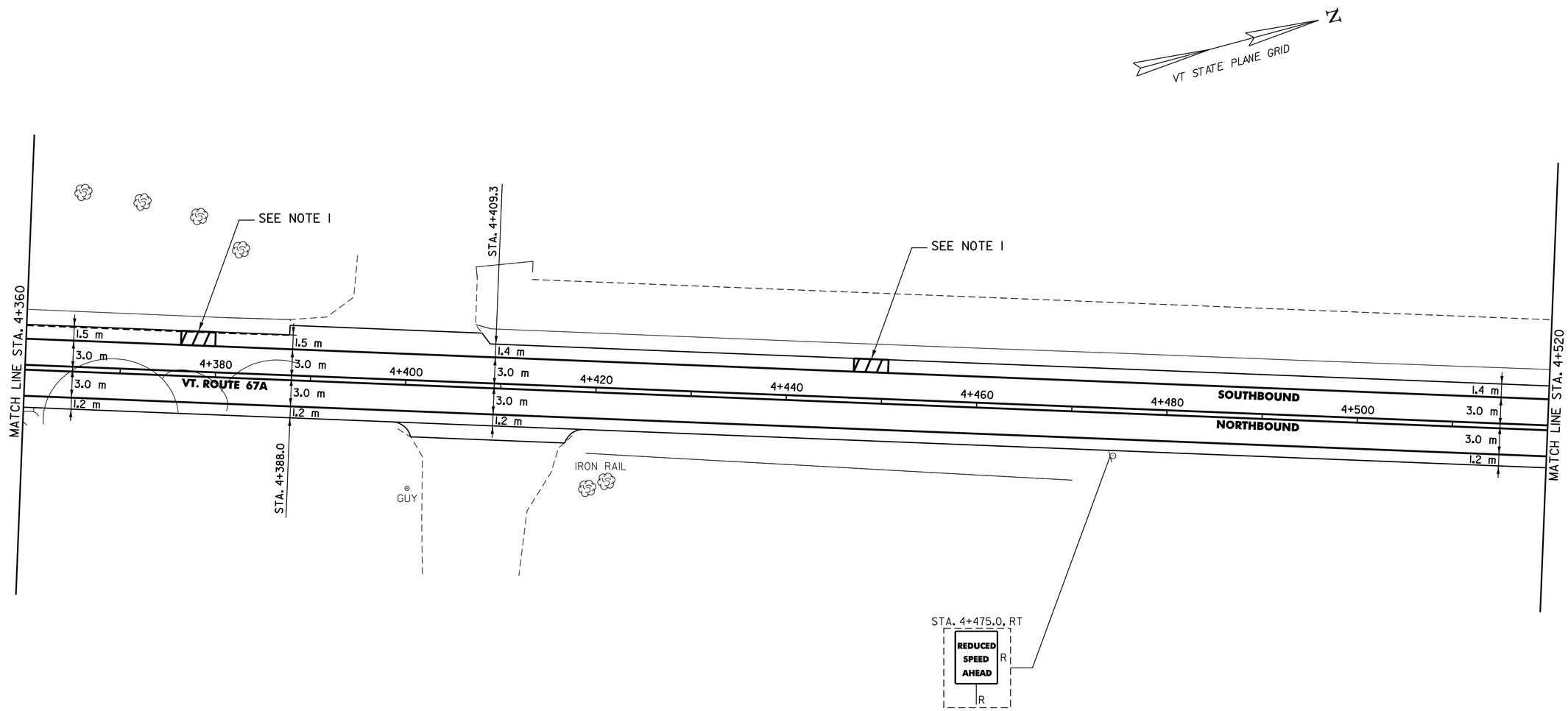
646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 4+376.2 - STA. 4+379.8 LT, SHOULDER HATCHING (11.0 m)
STA. 4+447.0 - STA. 4+450.6 LT, SHOULDER HATCHING (11.0 m)

675.50 REMOVING SIGNS
AS SHOWN - 1

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+360.0 - STA. 4+520.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+360.0 - STA. 4+520.0	S	-	S



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #7

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ssps07.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(1)S
SHEET 103 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+520.0 - STA. 4+680.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

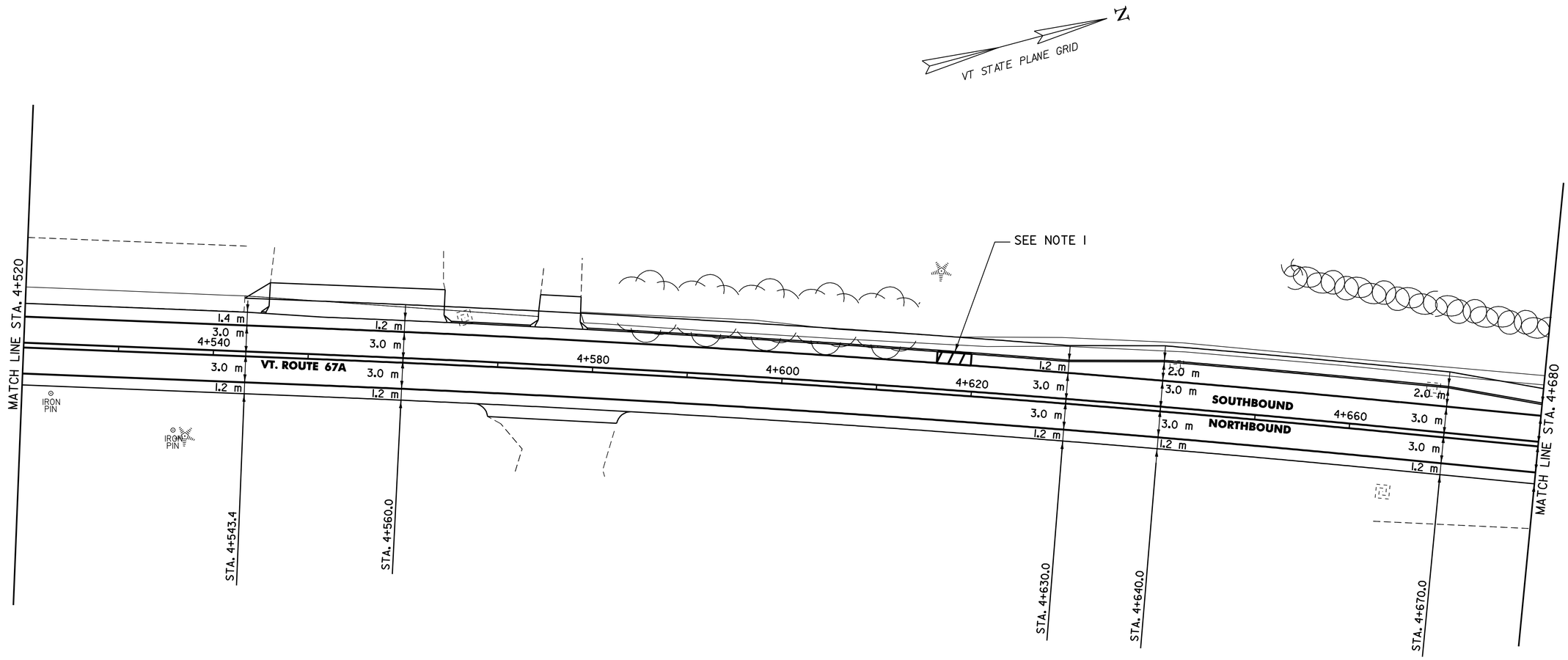
VT. ROUTE 67A:	LT	℄	RT
STA. 4+520.0 - STA. 4+680.0	S	-	S

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)
VT. ROUTE 67A:
STA. 4+616.2 - STA. 4+619.8 LT, SHOULDER HATCHING (11.0 m)

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+520.0 - STA. 4+680.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+520.0 - STA. 4+680.0	S	-	S



NOTE:

1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #8

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104ssp08.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 104 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+680.0 - STA. 4+840.0 LT & RT

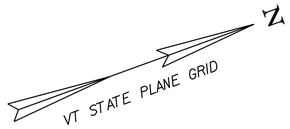
646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

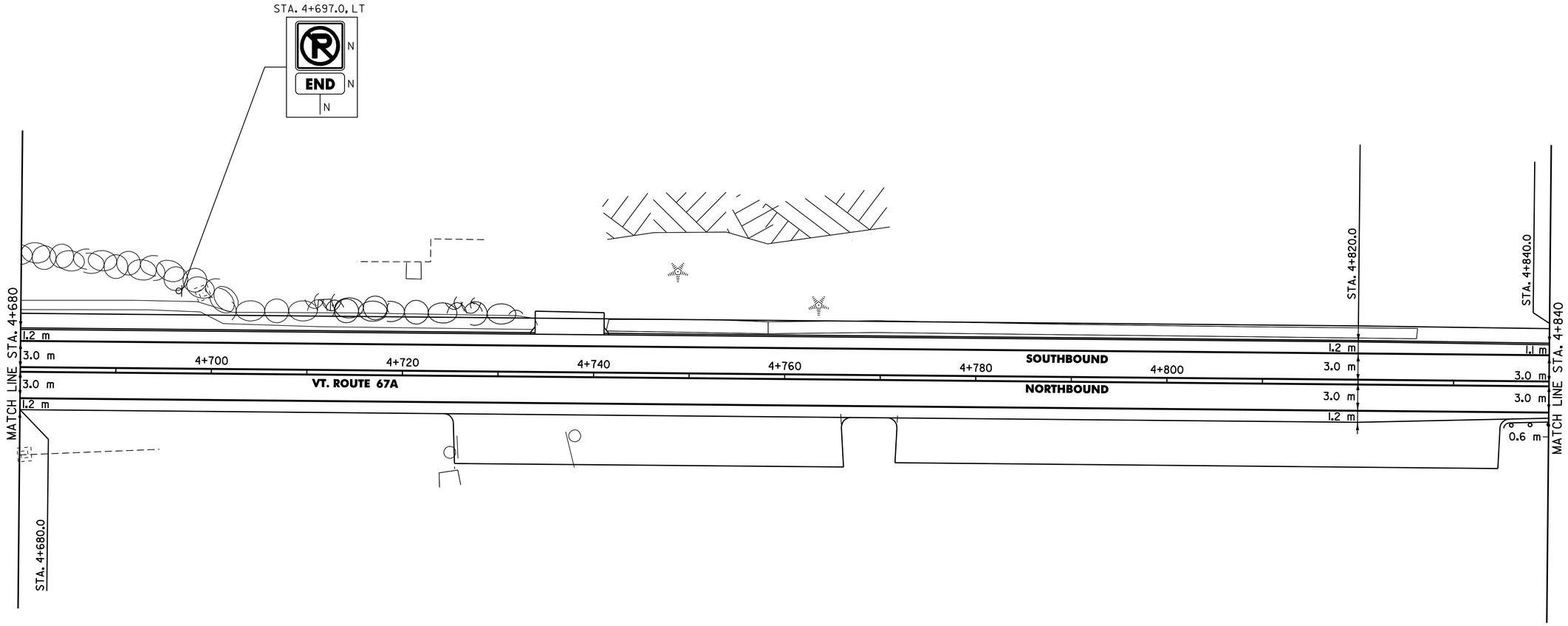
VT. ROUTE 67A:	LT	℄	RT
STA. 4+680.0 - STA. 4+840.0	S	-	S

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+680.0 - STA. 4+840.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+680.0 - STA. 4+840.0	S	-	S





0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= ---------
NEW= _____

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #9

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04ssps09.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 105 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+840.0 - STA. 4+990.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+840.0 - STA. 4+990.0	S	-	S

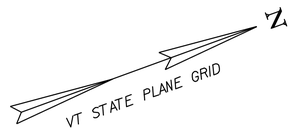
646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
VT. ROUTE 67A:
STA. 4+840.0 - STA. 4+990.0 LT & RT

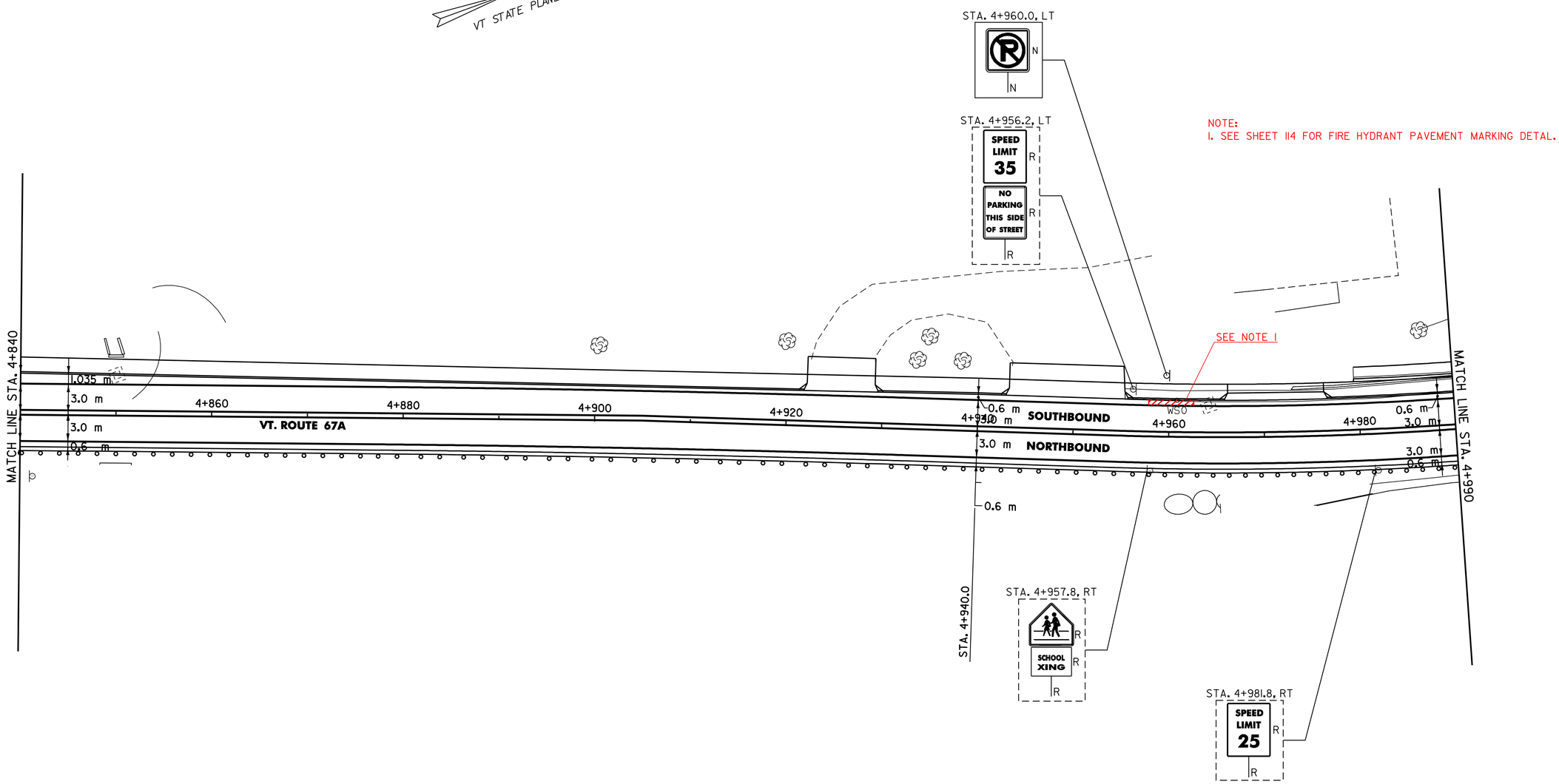
646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+840.0 - STA. 4+990.0	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 5

VAOT Metric





NOTE:
1. SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAL.

0 10 20 m
SCALE
1:250
@ FULL SCALE

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #10

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104sspsl0.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 106 OF 151 SHEETS

646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+160.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+990.0 - STA. 5+160.0	S	-	S

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 67A:
STA. 4+990.0 - STA. 5+160.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:	LT	℄	RT
STA. 4+990.0 - STA. 5+160.0	S	-	S

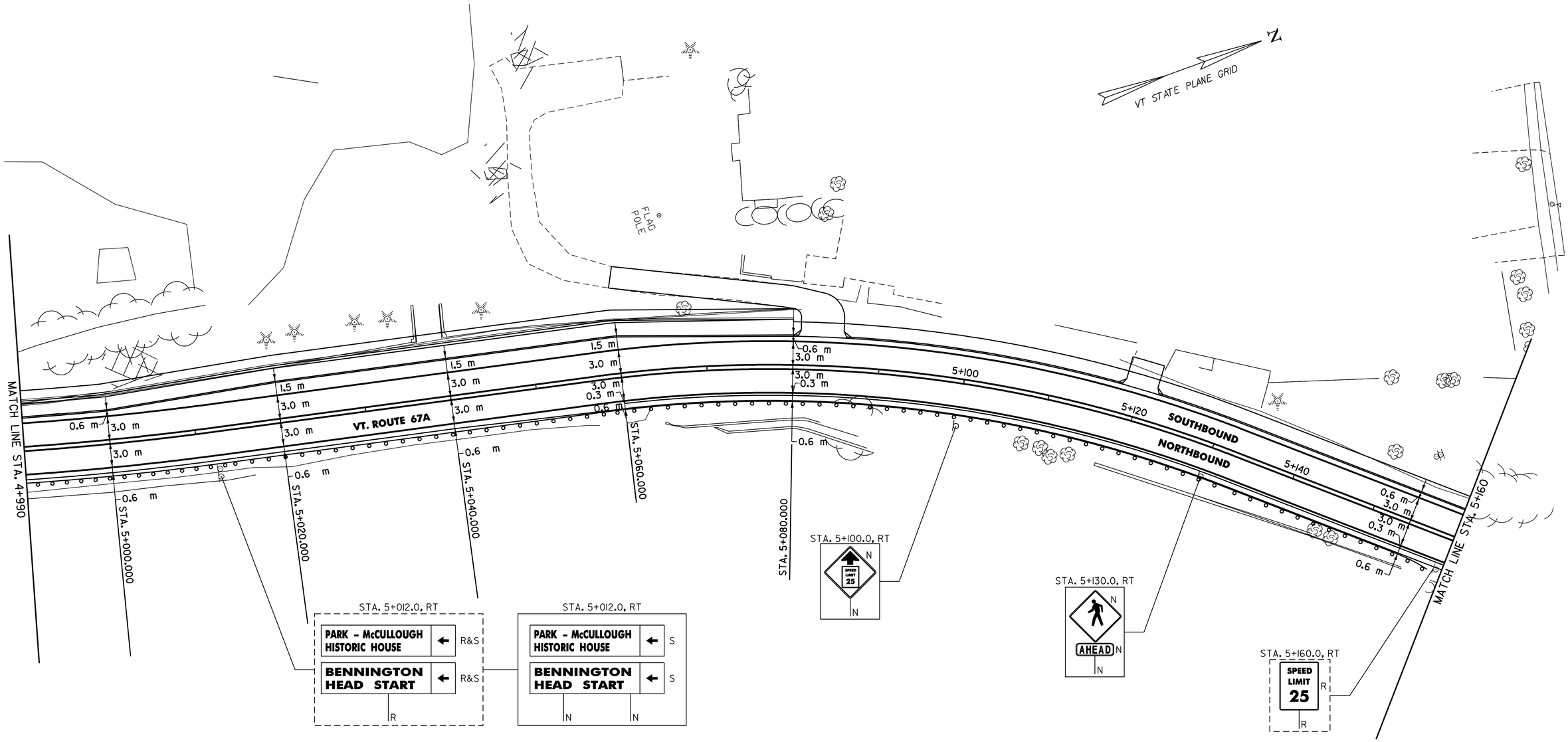
675.50 REMOVING SIGNS

AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2

VAOT Metric



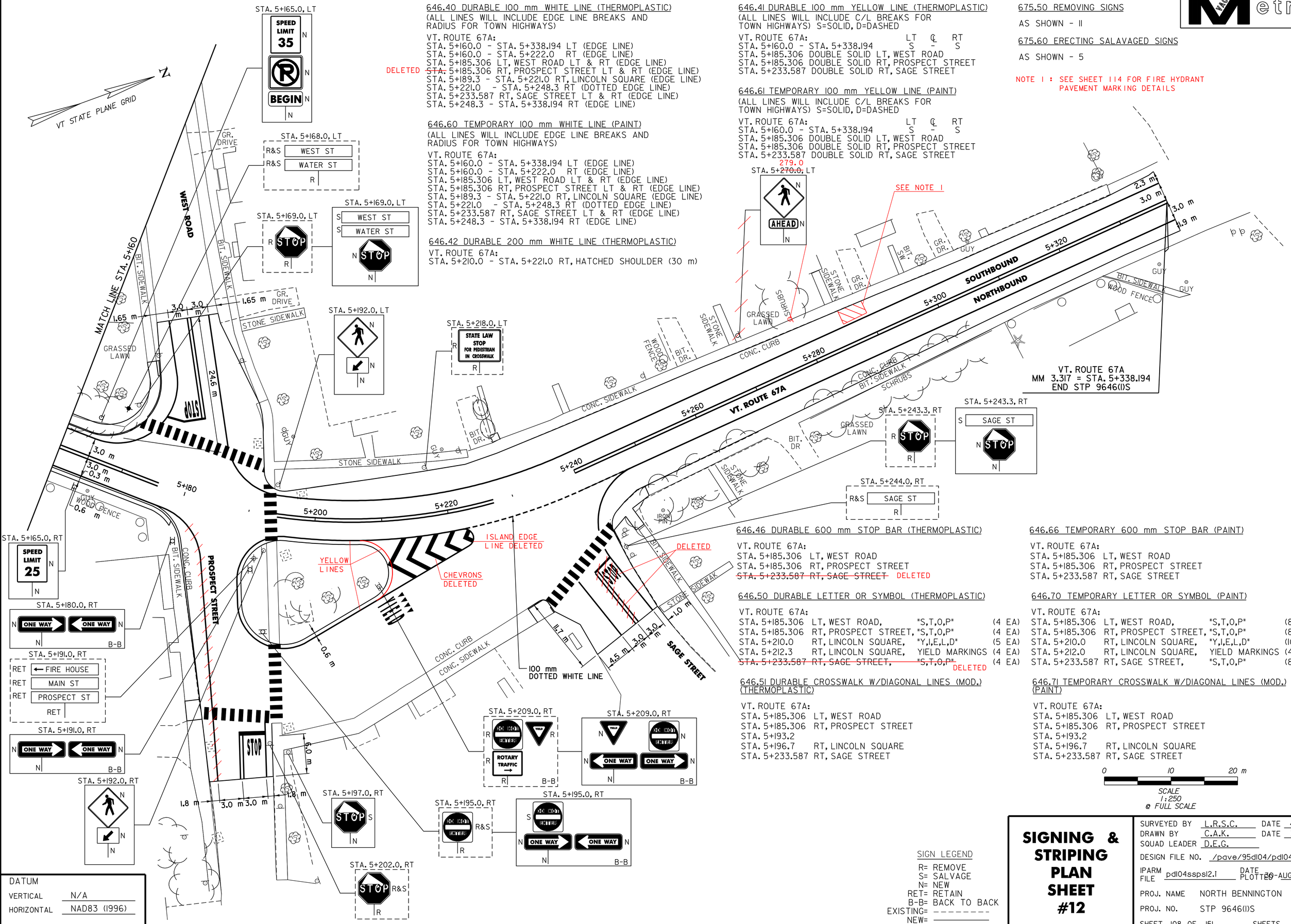
SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #11

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04sspsll.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 107 OF 151 SHEETS



646.40 DURABLE 100 mm WHITE LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 67A:
STA. 5+160.0 - STA. 5+338.194 LT (EDGE LINE)
STA. 5+160.0 - STA. 5+222.0 RT (EDGE LINE)
STA. 5+185.306 LT, WEST ROAD LT & RT (EDGE LINE)
DELETED ~~STA. 5+185.306 RT, PROSPECT STREET LT & RT (EDGE LINE)~~
STA. 5+189.3 - STA. 5+221.0 RT, LINCOLN SQUARE (EDGE LINE)
STA. 5+221.0 - STA. 5+248.3 RT (DOTTED EDGE LINE)
STA. 5+233.587 RT, SAGE STREET LT & RT (EDGE LINE)
STA. 5+248.3 - STA. 5+338.194 RT (EDGE LINE)

646.60 TEMPORARY 100 mm WHITE LINE (PAINT)
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 67A:
STA. 5+160.0 - STA. 5+338.194 LT (EDGE LINE)
STA. 5+160.0 - STA. 5+222.0 RT (EDGE LINE)
STA. 5+185.306 LT, WEST ROAD LT & RT (EDGE LINE)
STA. 5+185.306 RT, PROSPECT STREET LT & RT (EDGE LINE)
STA. 5+189.3 - STA. 5+221.0 RT, LINCOLN SQUARE (EDGE LINE)
STA. 5+221.0 - STA. 5+248.3 RT (DOTTED EDGE LINE)
STA. 5+233.587 RT, SAGE STREET LT & RT (EDGE LINE)
STA. 5+248.3 - STA. 5+338.194 RT (EDGE LINE)

646.42 DURABLE 200 mm WHITE LINE (THERMOPLASTIC)

VT. ROUTE 67A:
STA. 5+210.0 - STA. 5+221.0 RT, HATCHED SHOULDER (30 m)

646.41 DURABLE 100 mm YELLOW LINE (THERMOPLASTIC)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:

	LT	℄	RT
STA. 5+160.0 - STA. 5+338.194	S	-	S
STA. 5+185.306 DOUBLE SOLID LT, WEST ROAD			
STA. 5+185.306 DOUBLE SOLID RT, PROSPECT STREET			
STA. 5+233.587 DOUBLE SOLID RT, SAGE STREET			

646.61 TEMPORARY 100 mm YELLOW LINE (PAINT)
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

VT. ROUTE 67A:

	LT	℄	RT
STA. 5+160.0 - STA. 5+338.194	S	-	S
STA. 5+185.306 DOUBLE SOLID LT, WEST ROAD			
STA. 5+185.306 DOUBLE SOLID RT, PROSPECT STREET			
STA. 5+233.587 DOUBLE SOLID RT, SAGE STREET			

675.50 REMOVING SIGNS

AS SHOWN - 11

675.60 ERECTING SALAVAGED SIGNS

AS SHOWN - 5

NOTE 1 : SEE SHEET 114 FOR FIRE HYDRANT PAVEMENT MARKING DETAILS

646.46 DURABLE 600 mm STOP BAR (THERMOPLASTIC)

VT. ROUTE 67A:
STA. 5+185.306 LT, WEST ROAD
STA. 5+185.306 RT, PROSPECT STREET
~~STA. 5+233.587 RT, SAGE STREET~~ DELETED

646.50 DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

VT. ROUTE 67A:

STA. 5+185.306	LT, WEST ROAD,	"S,T,O,P"	(4 EA)
STA. 5+185.306	RT, PROSPECT STREET,	"S,T,O,P"	(4 EA)
STA. 5+210.0	RT, LINCOLN SQUARE,	"Y,I,E,L,D"	(5 EA)
STA. 5+212.3	RT, LINCOLN SQUARE,	YIELD MARKINGS	(4 EA)
~~STA. 5+233.587	RT, SAGE STREET,~~	~~"S,T,O,P"~~ DELETED	(4 EA)

646.51 DURABLE CROSSWALK W/DIAGONAL LINES (MOD.) (THERMOPLASTIC)

VT. ROUTE 67A:
STA. 5+185.306 LT, WEST ROAD
STA. 5+185.306 RT, PROSPECT STREET
STA. 5+193.2
STA. 5+196.7 RT, LINCOLN SQUARE
STA. 5+233.587 RT, SAGE STREET

646.66 TEMPORARY 600 mm STOP BAR (PAINT)

VT. ROUTE 67A:
STA. 5+185.306 LT, WEST ROAD
STA. 5+185.306 RT, PROSPECT STREET
STA. 5+233.587 RT, SAGE STREET

646.70 TEMPORARY LETTER OR SYMBOL (PAINT)

VT. ROUTE 67A:

STA. 5+185.306	LT, WEST ROAD,	"S,T,O,P"	(8 EA)
STA. 5+185.306	RT, PROSPECT STREET,	"S,T,O,P"	(8 EA)
STA. 5+210.0	RT, LINCOLN SQUARE,	"Y,I,E,L,D"	(10 EA)
STA. 5+212.0	RT, LINCOLN SQUARE,	YIELD MARKINGS	(4 EA)
STA. 5+233.587	RT, SAGE STREET,	"S,T,O,P"	(8 EA)

646.71 TEMPORARY CROSSWALK W/DIAGONAL LINES (MOD.) (PAINT)

VT. ROUTE 67A:
STA. 5+185.306 LT, WEST ROAD
STA. 5+185.306 RT, PROSPECT STREET
STA. 5+193.2
STA. 5+196.7 RT, LINCOLN SQUARE
STA. 5+233.587 RT, SAGE STREET

0 10 20 m
SCALE 1:250 @ FULL SCALE

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= - - - - - - - - -
NEW= ———————

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

SIGNING & STRIPING PLAN SHEET #12

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104sspsl2.1 DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 108 OF 151 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	OPTION ITEMS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	FLANGED CHANNEL kg/m 3.0	FLANGED CHANNEL kg/m 4.5	SQUARE STEEL (mm) 45 kg/m 2.8	SQUARE STEEL (mm) 51 kg/m 3.2	SQUARE STEEL (mm) 64 kg/m 5.0	ANCHOR	SLEEVE	NEW SIGN POSTS TUBULAR ALUMINUM Ø (mm) 75 kg/m 1.9	TUBULAR ALUMINUM Ø (mm) 100 kg/m 2.5	TUBULAR ALUMINUM Ø (mm) 100 MOD kg/m 2.5	FOUNDATION	TUBULAR STEEL Ø (mm) 75 kg/m 11.3	TUBULAR STEEL Ø (mm) 90 kg/m 13.6	TUBULAR STEEL Ø (mm) 100 kg/m 16.1	TUBULAR STEEL Ø (mm) 125 kg/m 21.8	W-SHAPE STEEL FTG. SIZE 600 mm	W-SHAPE STEEL FTG. SIZE 750 mm	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
											OPTION ITEMS																										
NO. BENNINGTON: VT. ROUTE 67A 3+434.0, LT	BRIDGE 3 VT 67A	1	150	200	0.03						1	X 2.32			X			X																	SIGN ID CODE VD-701		E-134
3+440.0, RT	SPEED LIMIT 35	1	600	750	0.45						1			X 4.62		X		X																	SIGN ID CODE R2-1		E-142
	STATE HIGHWAY ENDS	1	600	450	0.27																														SIGN ID CODE VR-038		E-141
	THROUGH WAY ENDS HERE	1	600	600	0.36																														SIGN ID CODE VR-040		E-141
3+440.0, LT	SPEED LIMIT 30	1	600	750	0.45						1			X 4.54		X		X																	SIGN ID CODE R2-1		E-142
	STATE HIGHWAY BEGINS	1	600	450	0.27																														SIGN ID CODE VR-039		E-141
	THROUGH WAY BEGINS HERE	1	600	600	0.36																														SIGN ID CODE VR-041		E-141
3+465.0, LT		1	750	750	0.56						1			X 4.17		X		X																	SIGN ID CODE W11-2		E-152
		1	600	300	0.18																														SIGN ID CODE W16-7P		E-152
3+465.0, RT		1	750	750	0.56						1			X 4.17		X		X																	SIGN ID CODE W11-2		E-152
		1	600	300	0.18																														SIGN ID CODE W16-7P		E-152
3+560.0, LT	NARROW BRIDGE	1	750	750	0.56						1			X 3.99		X		X																	SIGN ID CODE W5-2		E-154
3+574.9, RT	0671 0202 0223	1	150	250	0.04		1				1	X 2.44			X			X																	NEW ~~SALVAGED~~ SIGN TO BE MOUNTED ON NEW POST.	-	-
											m ~~9.2~~ 4.76	m	m ~~23.0~~ 21.49		m ~~9.2~~ 0	m ~~23.0~~ 0	m		EA	kg	kg	kg		kg	kg	kg	kg									
TOTALS		m^2 ~~4.23~~ 4.27	m^2	EA ~~1~~ 0	m^2						m ~~32.2~~ 26.25				m ~~32.2~~ 0					kg		EA	kg				EA	EA	kg							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

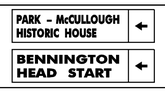
PROJECT:	PROJECT NO.:
NORTH BENNINGTON	STP 9646(I)S

DESIGN FILE NAME: /pave/95dl04/pdl04.dgn
IPARM FILE NAME: pdl04tssl.i
SURVEYED BY: L.R.S.C.
SQUAD LEADER: T.P.K.
PLOT DATE:30-AUG-2010 12:3
SURVEY DATE: 4/2003
DRAWN BY: C.A.K.
SHEET: 109 OF 151

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	OPTION ITEMS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 45 2.8	51 3.2	64 5.0	ANCHOR	SLEEVE	NEW SIGN POSTS TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	FOUNDATION	TUBULAR STEEL Ø (mm) kg/m 75 11.3	90 13.6	100 16.1	125 21.8	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
NO. BENNINGTON: VT. ROUTE 67A 3+600.0, LT		1	750	750	0.56						1			X 4.27		X		X														SIGN ID CODE W11-2		E-152
		1	600	300	0.18																													113	
667.0 3+~~640.0~~, LT		1	750	750	0.56						1			X 4.71		X		X														SIGN ID CODE W1-1R		E-151
		1	450	450	0.20																											SIGN ID CODE W13-1		E-155
3+878.5, LT		1	150	250	0.04		1				1	X 2.44			X			X														NEW ~~SALVAGED~~ SIGN TO BE MOUNTED ON NEW POST.	-	-
668.0 4+~~697.0~~, LT		1	600	600	0.36						1			X 4.23		X		X														SIGN ID CODE R8-3A		E-143
4+960.0, LT		1	600	600	0.36						1			X 3.81		X		X														SIGN ID CODE R8-3A		E-143
5+012.0, RT							2				2			4.97 X 4.97		X		X														SALVAGED SIGNS TO BE MOUNTED ON NEW POSTS.	-	-
5+100.0, RT		1	900	900	0.81						2			3.94 X 3.94		X		X																113	
5+130.0, RT		1	750	750	0.56						1			X 4.67		X		X														SIGN ID CODE W11-2		E-152
		1	600	300	0.18																													113	
5+165.0 RT		1	600	750	0.45						1			X 4.29		X		X														SIGN ID CODE R2-1		E-142
												m ~~4.6~~ 2.44	m	m ~~46.0~~ 43.8	m ~~4.6~~ 0	m ~~46.0~~ 0	m		EA	kg	kg	kg		kg	kg	kg	kg							
TOTALS		m^2 ~~4.40~~ 4.45	m^2	EA ~~3~~ 2	m^2							m ~~50.6~~ 46.74			m ~~50.6~~ 0					kg	EA	kg					EA	EA	kg						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

PROJECT: NORTH BENNINGTON	PROJECT NO.: STP 9646(I)S
DESIGN FILE NAME: /pave/95dI04/pdI04.dgn	
IPARM FILE NAME: pdI04ss2.I	PLOT DATE:30-AUG-2010 I2:3
SURVEYED BY: L.R.S.C.	SURVEY DATE: 4/2003
SQUAD LEADER: T.P.K.	DRAWN BY: C.A.K.
	SHEET: II0 OF I5I

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	OPTION ITEMS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 45 2.8	51 3.2	64 5.0	ANCHOR	SLEEVE	NEW SIGN POSTS TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUND-ATION	kg/m 75 11.3	90 13.6	100 16.1	125 21.8	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																											
NO. BENNINGTON: VT. ROUTE 67A 5+165.0, LT	SPEED LIMIT 35	1	600	750	0.45						1			X 4.71		X		X																SIGN ID CODE R2-1		E-142
	R	1	600	600	0.36																													SIGN ID CODE R8-3A		E-143
	BEGIN	1	600	300	0.18																													SIGN ID CODE M4-11		E-140
5+169.0, LT	WEST ST / WATER ST						1 1				1			X 3.92		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP	1	750	750	0.56																													SIGN ID CODE R1-1		E-143
5+180.0, RT	ONE WAY / ONE WAY	1 1	900 900	300 300	0.27 0.27						1			X 3.52		X		X																SIGN ID CODE R6-1R SIGN ID CODE R6-1L BACK-TO-BACK		E-142 E-142
5+191.0, RT	ONE WAY / ONE WAY	1 1	900 900	300 300	0.27 0.27						1			X 3.49		X		X																SIGN ID CODE R6-1R SIGN ID CODE R6-1L BACK-TO-BACK		E-142 E-142
5+192.0, LT		1	750	750	0.56						1			X 4.27		X		X																SIGN ID CODE W11-2		E-152
		1	600	300	0.18																													SIGN ID CODE W16-7P		E-152
5+192.0, RT		1	750	750	0.56						1			X 4.27		X		X																SIGN ID CODE W11-2		E-152
		1	600	300	0.18																													SIGN ID CODE W16-7P		E-152
5+195.0, RT	DO NOT ENTER						1				1			X 4.26		X		X																INSTALL SALVAGED SIGN ON NEW POST.		
	ONE WAY / ONE WAY	1 1	900 900	300 300	0.27 0.27																													SIGN ID CODE R6-1R SIGN ID CODE R6-1L BACK-TO-BACK		E-142 E-142
											m	m	m 32.2 28.44	m	m 32.2 0	m		EA	kg	kg	kg		kg	kg	kg	kg								
TOTALS					m² 4.65	m²	EA 3	m²					m 32.2 28.44			m 32.2 0				kg		EA		kg				EA	EA	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

PROJECT:	PROJECT NO.:
NORTH BENNINGTON	STP 9646(I)S

DESIGN FILE NAME: /pave/95dl04/pdl04.dgn
IPARM FILE NAME: pdl04ss3.i
SURVEYED BY: L.R.S.C.
SQUAD LEADER: T.P.K.
PLOT DATE:30-AUG-2010 12:3
SURVEY DATE: 4/2003
DRAWN BY: C.A.K.
SHEET: III OF 151

STATE OF VERMONT
AGENCY OF TRANSPORTATION

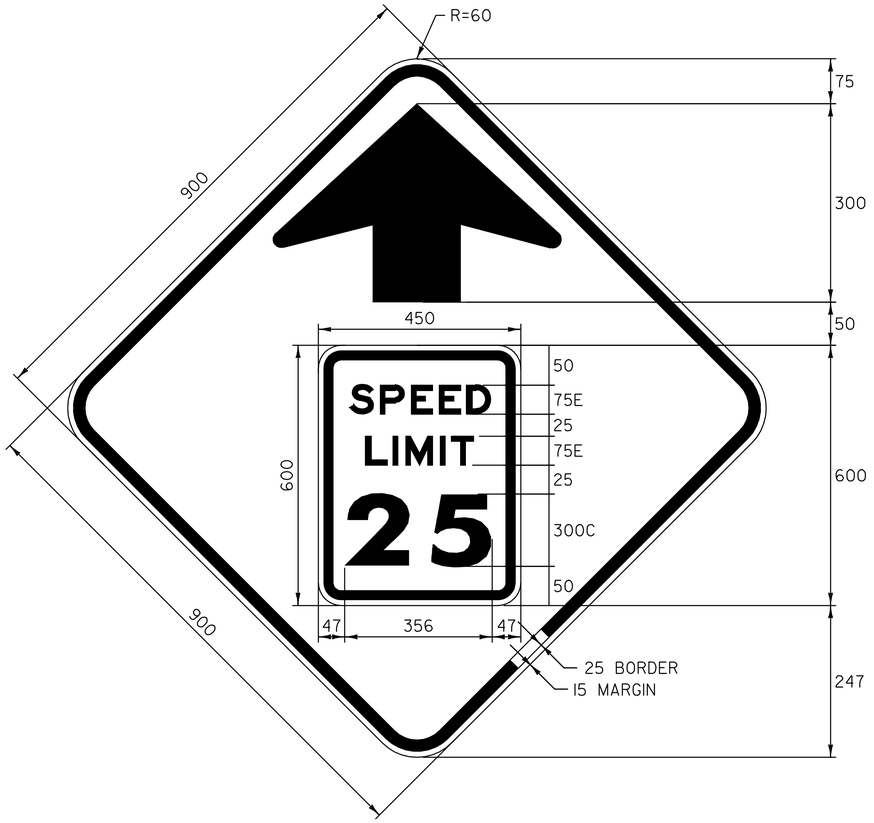
TRAFFIC SIGN SUMMARY SHEET 4

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	OPTION ITEMS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 45 2.8	51 3.2	64 5.0	ANCHOR	SLEEVE	NEW SIGN POSTS TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	FOUND-ATION	TUBULAR STEEL Ø (mm) kg/m 75 11.3	90 13.6	100 16.1	125 21.8	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																										
NO. BENNINGTON: VT. ROUTE 67A 5+197.0, RT	STOP						1				1			X 4.02		X		X																INSTALL SALVAGED SIGN ON NEW POST.	-	-
5+209.0, RT	YIELD 900x900x900 / DO NOT ENTER	1 1	 750	 750	0.81 0.56						1			X 4.28		X		X																SIGN ID CODE RI-2 SIGN ID CODE R5-1 BACK-TO-BACK		E-146 E-143
	ONE WAY / ONE WAY	1 1	900 900	300 300	0.27 0.27																												SIGN ID CODE R6-1L SIGN ID CODE R6-1R BACK-TO-BACK		E-142 E-142
5+243.3, RT	SAGE ST						1				1			X 3.97		X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP	1	750	750	0.56																												SIGN ID CODE RI-1		E-143
5+218.0 LT	NO PARKING THIS SIDE						1				1			X 3.79																				INSTALLED SALVAGED SIGN ON NEW POST		
5+270.0, LT		1	750	750	0.56						1			X 4.23		X		X																SIGN ID CODE W11-2		E-152
	AHEAD	1	600	300	0.18																														113	
RIVER ROAD: RI+010.0, LT	RIVER ROAD						1				1			X 3.97		X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP	1	750	750	0.56																												SIGN ID CODE RI-1		E-143
HILLSIDE STREET: HI+014.5, LT	HILLSIDE ST						1				1			X 4.37		X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP	1	750	750	0.56																												SIGN ID CODE RI-1		E-143
RI+028 RT	COVERED BRIDGE TREATMENT PLANT	1 1	450 900	300 300	0.14 0.27						1			X 4.37																				INSTALL NEW SIGNS ON NEW POST		
HI+018.7, RT	SPEED LIMIT 30	1	600	750	0.45						1			X 3.99		X		X																SIGN ID CODE R2-1		E-142
RI+029 RT	PLAY GROUND										1			X 4.37																				INSTALLED SALVAGED SIGN ON NEW POST		
	SHEET SUBTOTALS			5.19	~~4.78~~		~~4~~	6				-	41.36	~~32.2~~	-	32.2																				
	SHEET 109 SUBTOTALS			4.27	~~4.23~~		~~1~~	0			4.76	~~9.2~~	21.44	~~23.0~~	9.2	23.0																				
	SHEET 110 SUBTOTALS			4.48	~~4.40~~		~~3~~	1			2.44	~~4.6~~	43.8	~~46.0~~	4.6	46.0																				
	SHEET 111 SUBTOTALS				4.65		3					-	28.44	~~32.2~~	-	32.2																				
	ROUNDING			0	~~0.94~~		-					~~0.2~~ 0		~~6.6~~ 0	0.2	6.6																				
												m 14	m	m 140	m 14	m 140	m		EA	kg	kg	kg		kg	kg	kg	kg								
TOTALS					m^2 ~~19.0~~ 18.55	m^2	EA 11	m^2				m ~~154~~ 142.24			m 154					kg			EA	kg				EA	EA	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

PROJECT: NORTH BENNINGTON	PROJECT NO.: STP 9646(I)S
DESIGN FILE NAME: /pave/95dl04/pdl04.dgn	
IPARM FILE NAME: pdl04tss4.I	PLOT DATE:30-AUG-2010 12:3
SURVEYED BY: L.R.S.C.	SURVEY DATE: 4/2003
SQUAD LEADER: T.P.K.	DRAWN BY: C.A.K.
	SHEET: 112 OF 151



COLOR: BLACK BORDER & SYMBOL
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-152
SIGN - VT. ROUTE 67A
STA. 5+100.0 RT

COLOR: BLACK BORDER & TEXT
FLUORESCENT YELLOW-GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: MATERIAL PER VAOT STANDARD E-152
SIGN VT. ROUTE 67A
STA. 3+600.0 LT
STA. 5+130.0 RT
STA. 5+270.0 LT

NOTE:

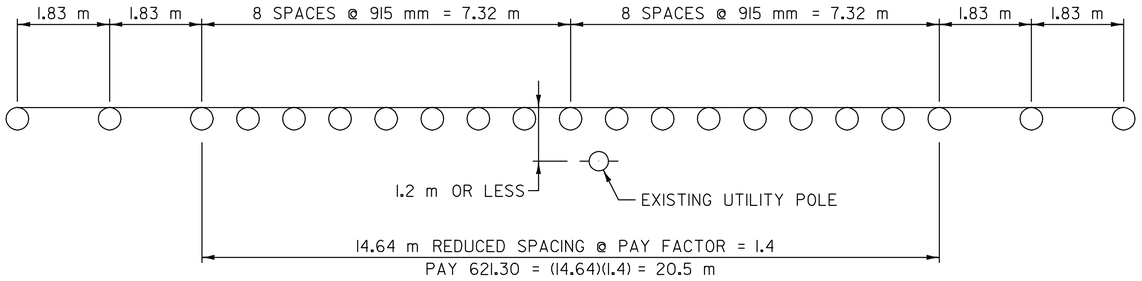
TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS & SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOKLET. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC AND SAFETY SECTION BEFORE FABRICATION.

ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

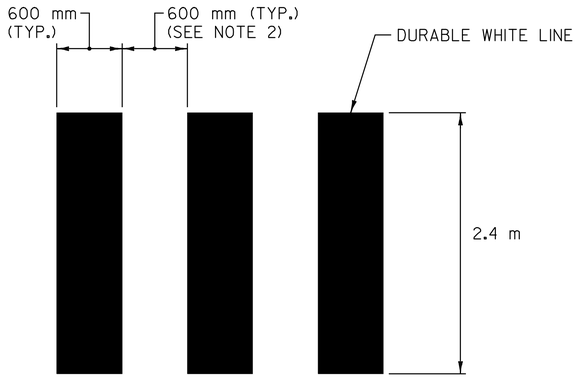
TRAFFIC SIGN DETAIL SHEET

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104tsds.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 113 OF 151 SHEETS



REDUCED BOX BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL

NORTH BENNINGTON STA. 4+892.0 RT
NORTH BENNINGTON STA. 4+931.6 RT
NORTH BENNINGTON STA. 4+936.5 RT
NORTH BENNINGTON STA. 4+976.7 RT
NORTH BENNINGTON STA. 5+015.7 RT
NORTH BENNINGTON STA. 5+083.4 RT
N.T.S.



CROSSWALK DETAIL

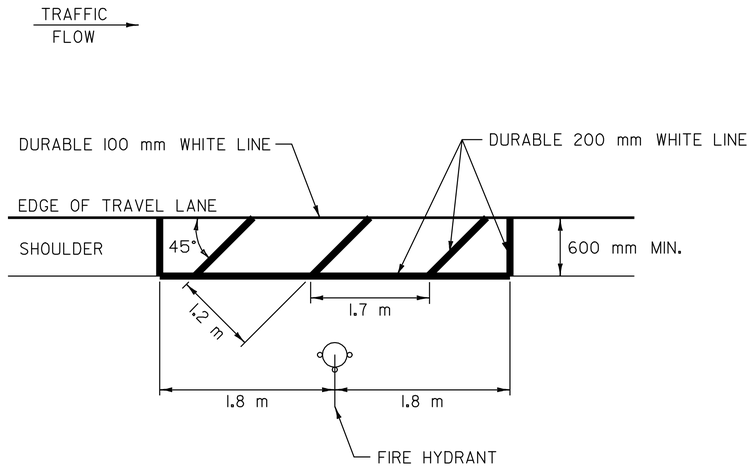
N.T.S.

NOTES:

1. THE PER METER COST OF INSTALLED CROSSWALK MARKINGS SHALL BE PAID AS ITEM 646.51 DURABLE CROSSWALK MARKINGS WITH DIAGONAL LINES (MOD.) AND ITEM 646.71 TEMPORARY CROSSWALK MARKINGS WITH DIAGONAL LINES (MOD.)

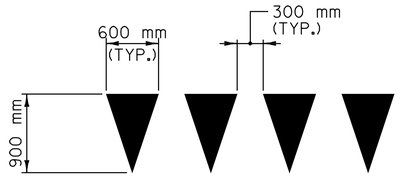
2. ADJUST SPACING 300 mm - 600 mm TO AVOID WHEEL PATHS.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)



FIRE HYDRANT PAVEMENT MARKING DETAIL

N.T.S.



YIELD LINE DETAILS

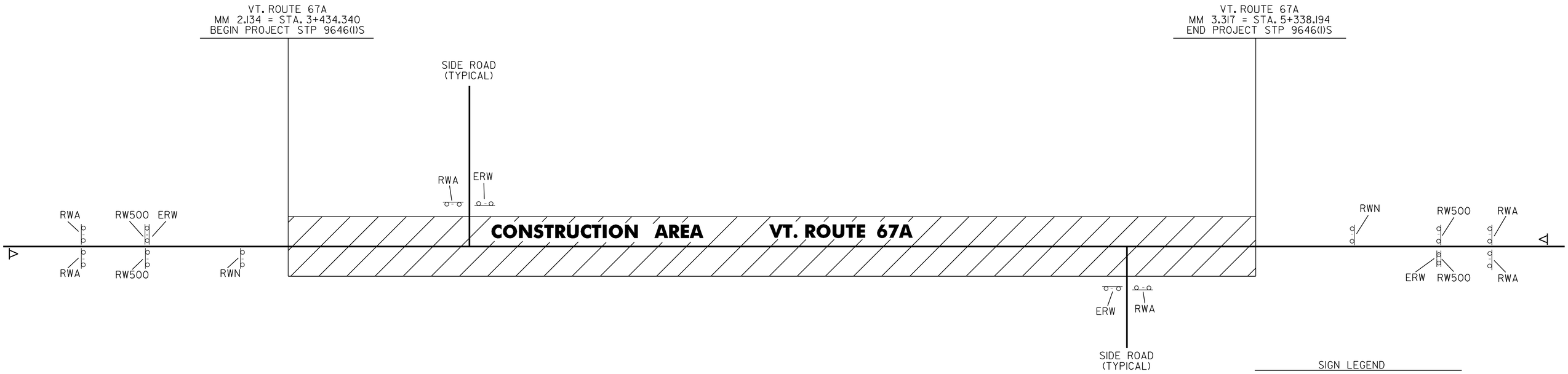
N.T.S.

NOTE:

1. EACH TRIANGLE SHALL BE PAID AS ONE EACH UNDER ITEMS 646.50 DURABLE LETTER OR SYMBOL (THERMOPLASTIC) AND ITEM 646.70 TEMPORARY LETTER OR SYMBOL (PAINT).

GUARDRAIL AND MISCELLANEOUS DETAILS SHEET

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104gmds.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(1)S
SHEET 114 OF 151 SHEETS



SIGN LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
ERW = END ROAD WORK
RWN = ROAD WORK NEXT 1 1/4 MILES
◁ = VARIABLE MESSAGE BOARD

VERMONT ROUTE 67A

LIST OF TOWN HIGHWAYS FOR CONSTRUCTION SIGNS

TOWN HIGHWAY NUMBER	ROAD WORK AHEAD	END ROAD WORK	OTHER
BEGIN PROJECT	2	1	2-RW500 1-RWN 1-VAR. MESSAGE BOARD
RIVER ROAD	1	1	
HILLSIDE STREET	1	1	
SWIFT ROAD	1	1	
LEVER ROAD	1	1	
WEST ROAD	1	1	
PROSPECT STREET	1	1	
SAGE STREET	1	1	
END PROJECT	2	1	2-RW500 1-RWN 1-VAR. MESSAGE BOARD
TOTAL	11	9	

NOTE:

THE RESIDENT ENGINEER AT HIS OR HER DISCRETION SHALL ELIMINATE CONSTRUCTION APPROACH SIGNS FOR DEAD END/NO OUTLET TOWN HIGHWAYS OR TOWN HIGHWAYS THAT CONNECT ON BOTH SIDES OF THE PROJECT.

CONSTRUCTION APPROACH SIGNING

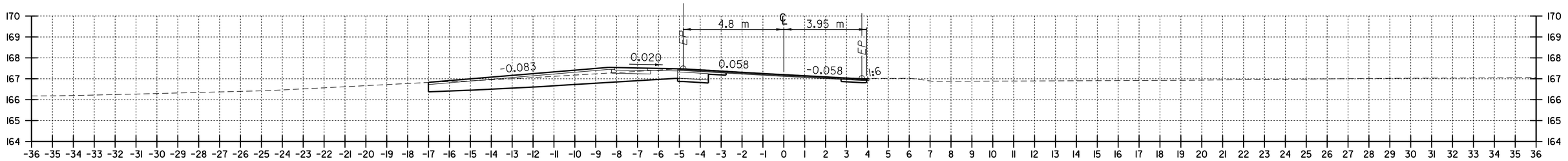
NOTES:

1. SEE VAOT STD. E-100 FOR ADDITIONAL SIGN PLACEMENT.
2. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED ON TWO POSTS EACH OR AS AN NCHRP 350 COMPLIANT SIGN/STAND SYSTEM.
6. VARIABLE MESSAGE BOARDS SHALL BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

CONSTRUCTION APPROACH SIGNING DETAIL SHEET

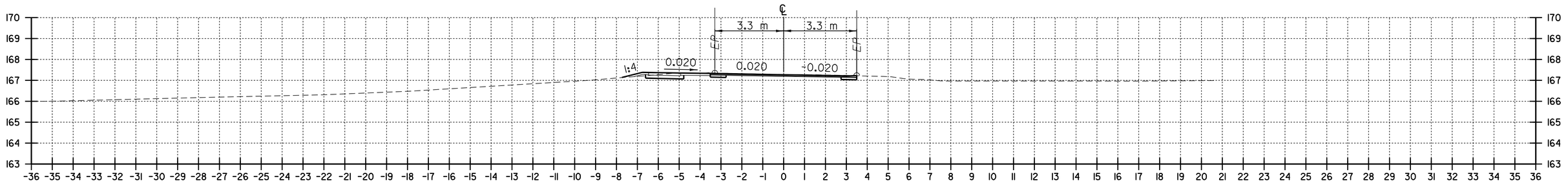
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04cas.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 115 OF 151 SHEETS



3+460.000

VT. ROUTE 67A

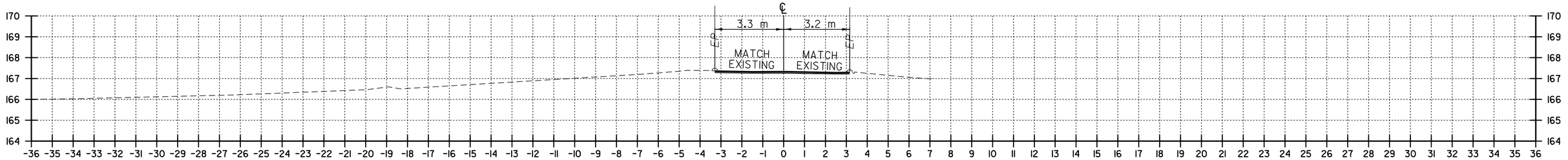
C = 6.5
F = 5.5



3+440.000

VT. ROUTE 67A

C = 1.0
F = 0.0



3+434.340

VT. ROUTE 67A

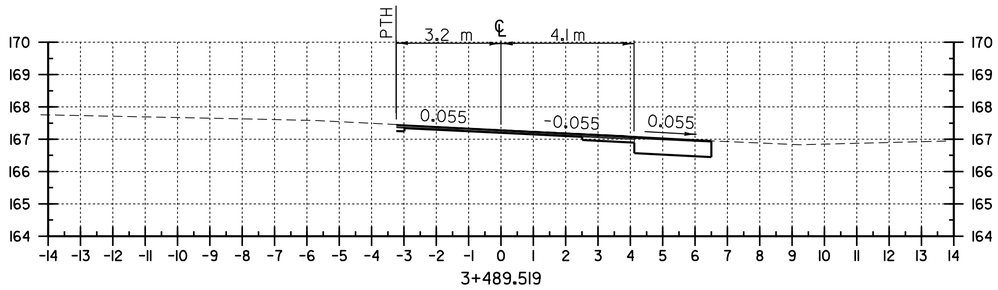
C = 0.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

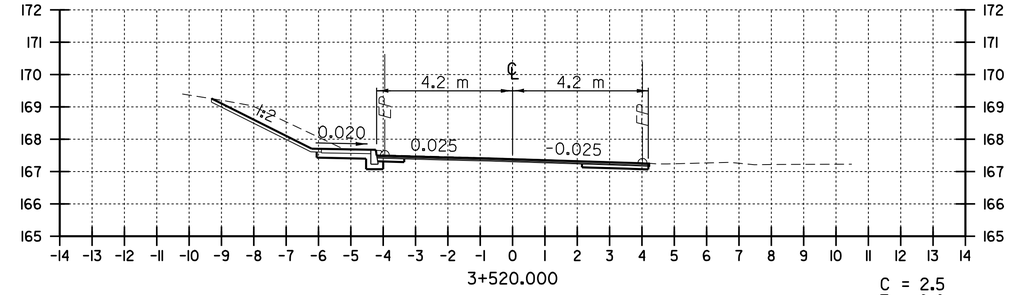
VT. RTE. 67A CROSS SECTIONS SHEET 1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs01.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 116 OF 151 SHEETS



3+489.519

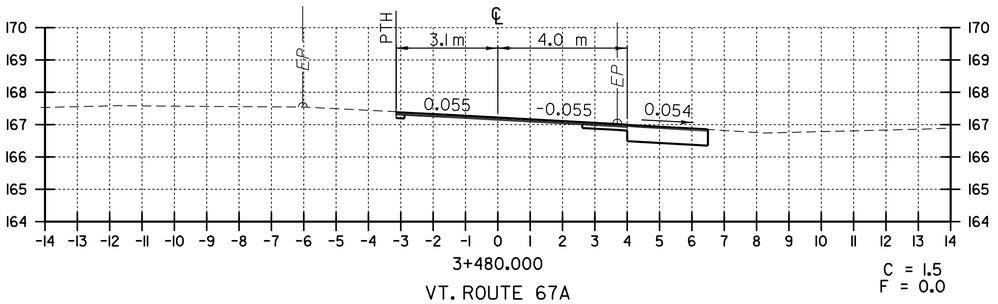
VT. ROUTE 67A



3+520.000

VT. ROUTE 67A

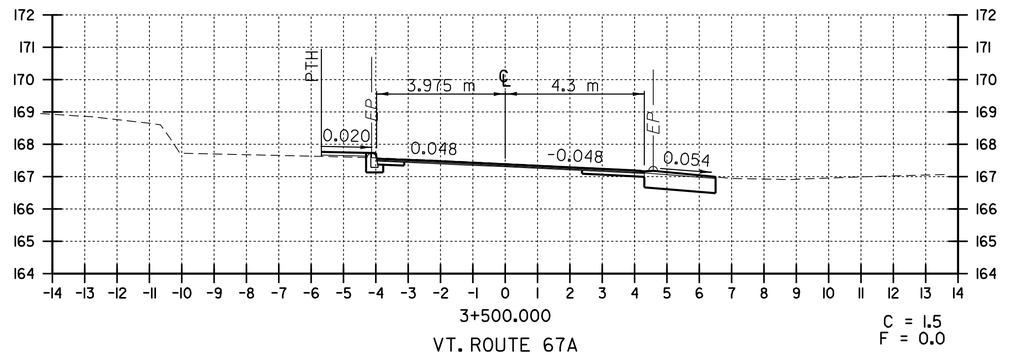
C = 2.5
F = 0.0



3+480.000

VT. ROUTE 67A

C = 1.5
F = 0.0



3+500.000

VT. ROUTE 67A

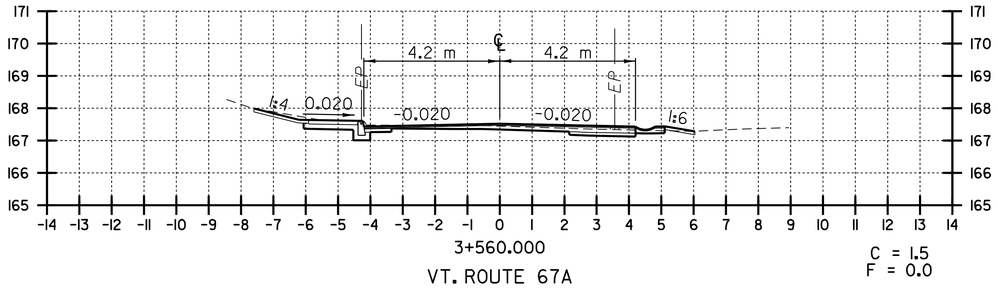
C = 1.5
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

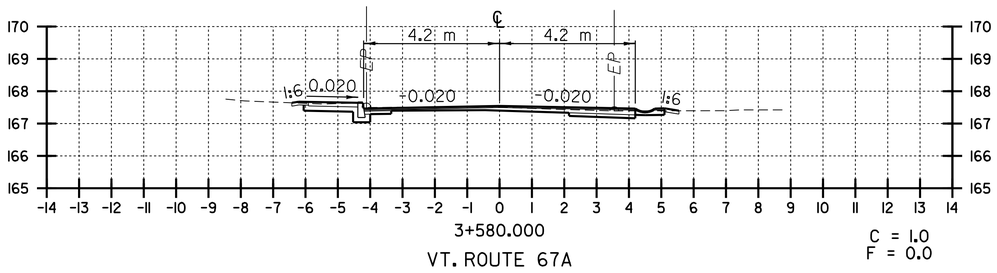
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 2

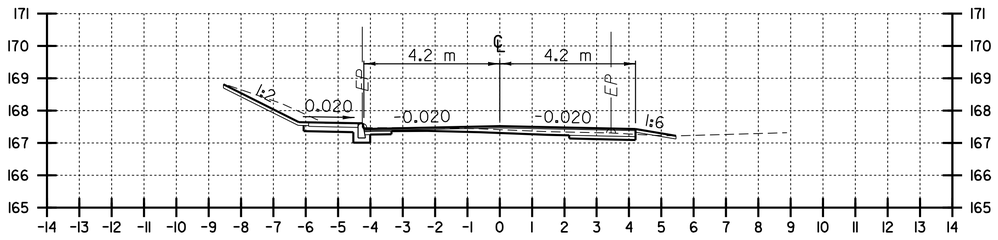
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs02.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 117 OF 151 SHEETS



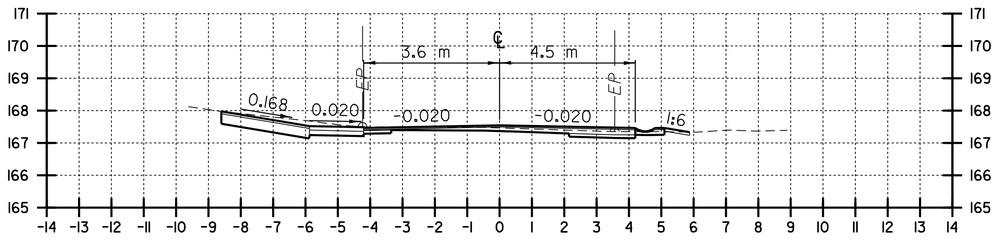
3+560.000
VT. ROUTE 67A
C = 1.5
F = 0.0



3+580.000
VT. ROUTE 67A
C = 1.0
F = 0.0



3+540.000
VT. ROUTE 67A
C = 2.0
F = 0.0



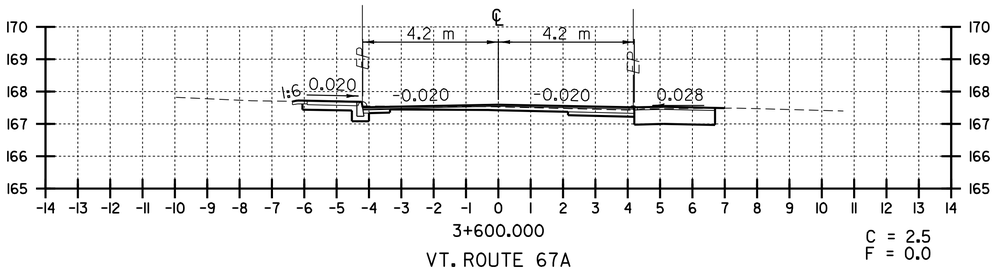
3+567.925
VT. ROUTE 67A

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs03.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 118 OF 151 SHEETS

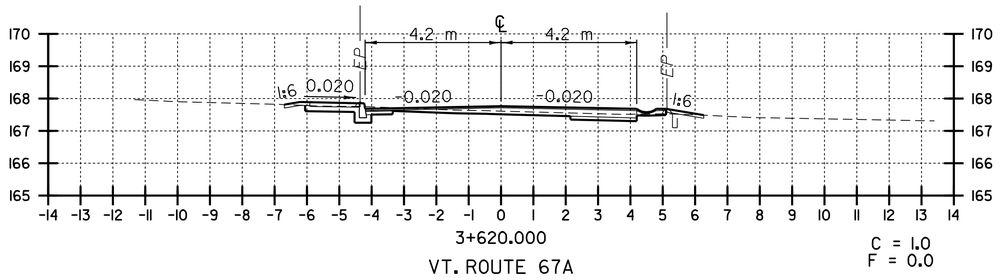
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)



3+600.000

VT. ROUTE 67A

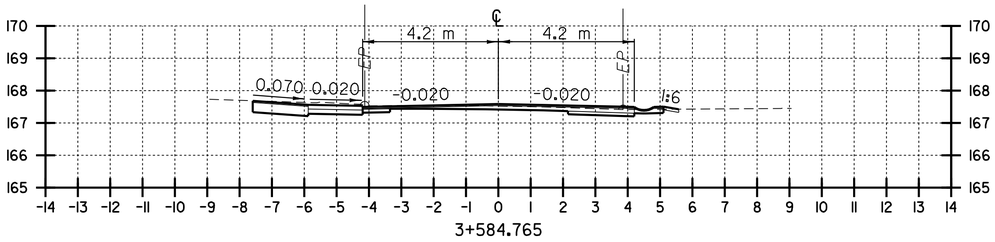
C = 2.5
F = 0.0



3+620.000

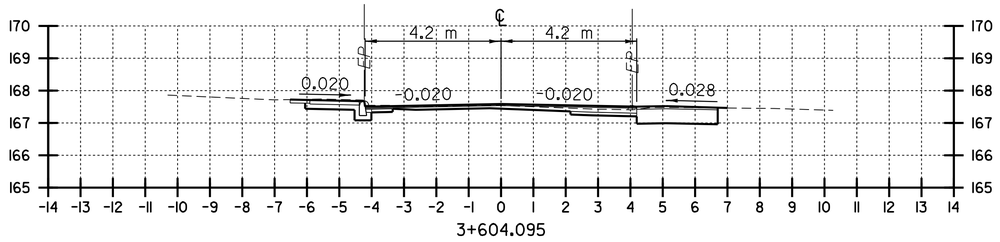
VT. ROUTE 67A

C = 1.0
F = 0.0



3+584.765

VT. ROUTE 67A



3+604.095

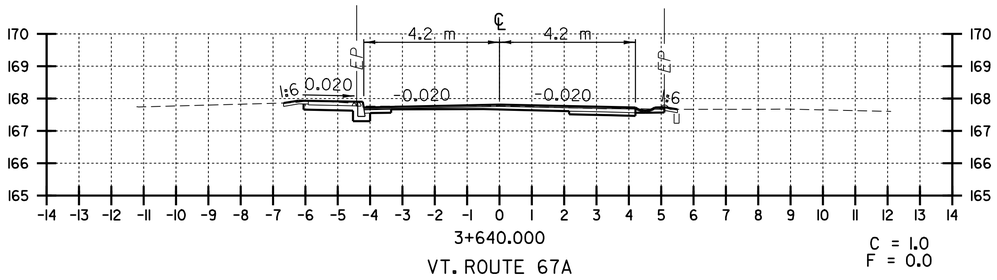
VT. ROUTE 67A

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 4

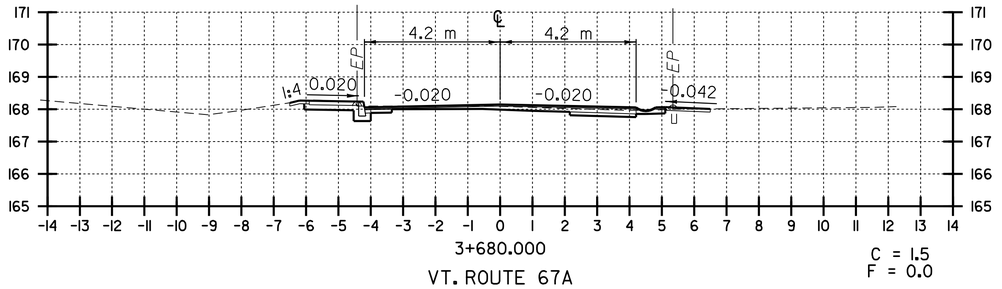
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs04.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 119 OF 151 SHEETS



3+640.000

VT. ROUTE 67A

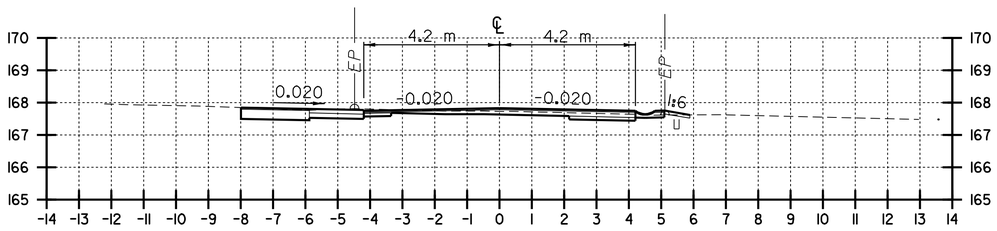
C = 1.0
F = 0.0



3+680.000

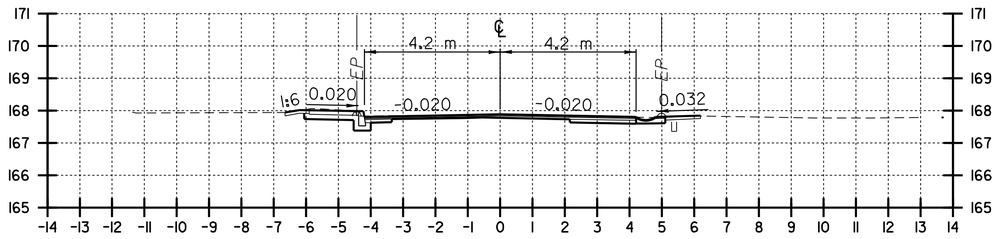
VT. ROUTE 67A

C = 1.5
F = 0.0



3+632.176

VT. ROUTE 67A



3+660.000

VT. ROUTE 67A

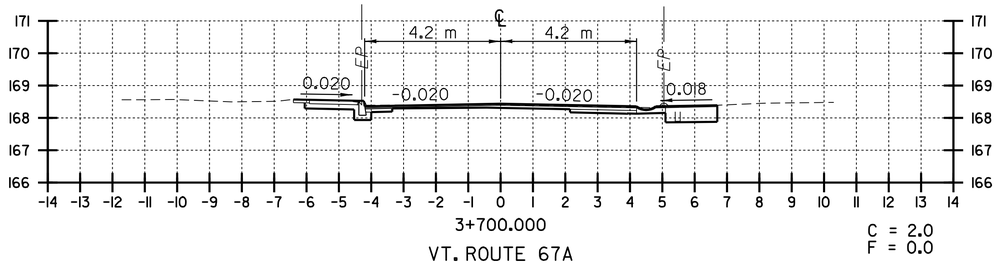
C = 1.5
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 5

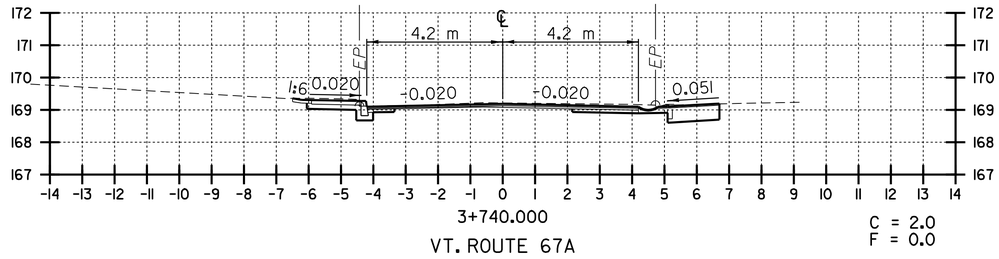
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs05.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 120 OF 151 SHEETS



3+700.000

VT. ROUTE 67A

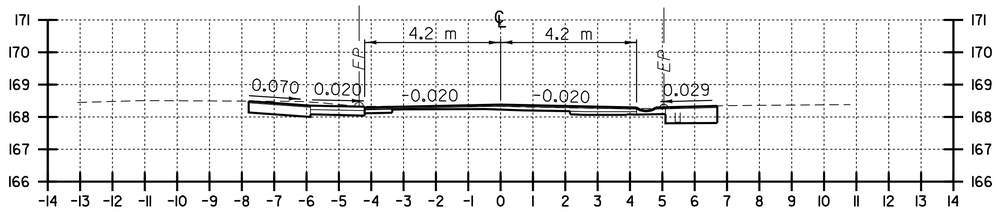
C = 2.0
F = 0.0



3+740.000

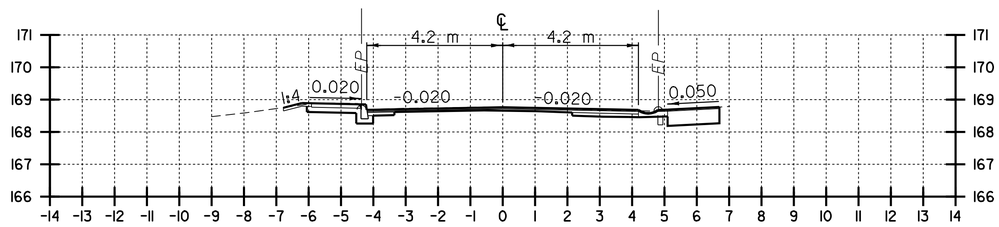
VT. ROUTE 67A

C = 2.0
F = 0.0



3+695.269

VT. ROUTE 67A



3+720.000

VT. ROUTE 67A

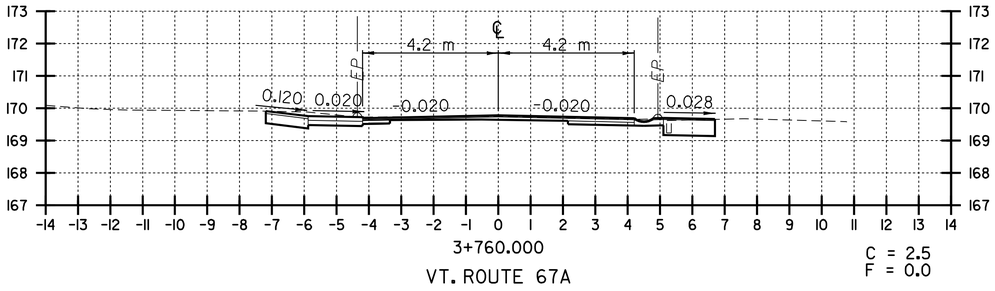
C = 2.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 6

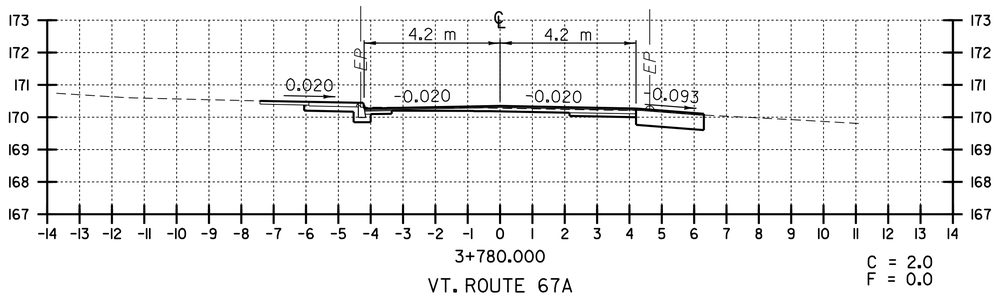
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs06.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 121 OF 151 SHEETS



3+760.000

VT. ROUTE 67A

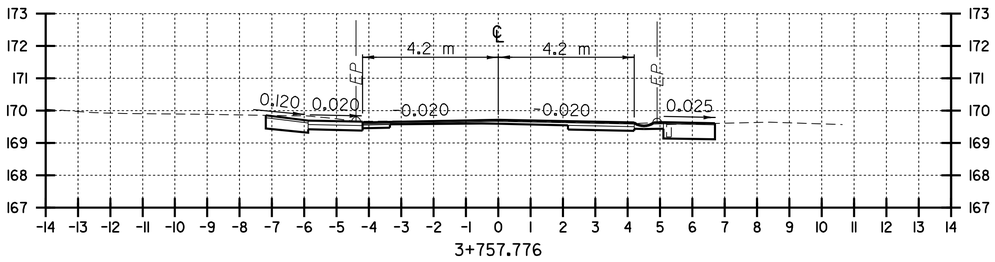
C = 2.5
F = 0.0



3+780.000

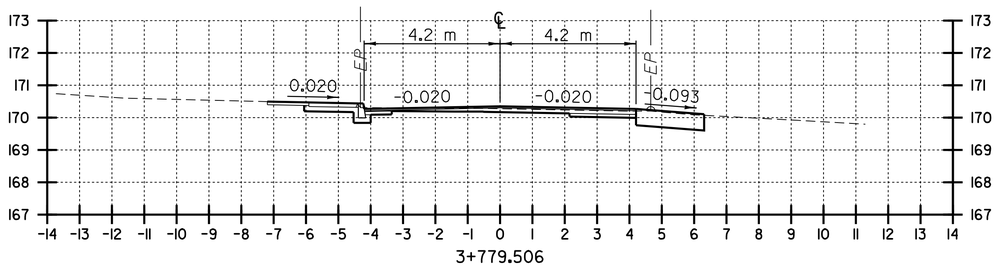
VT. ROUTE 67A

C = 2.0
F = 0.0



3+757.776

VT. ROUTE 67A



3+779.506

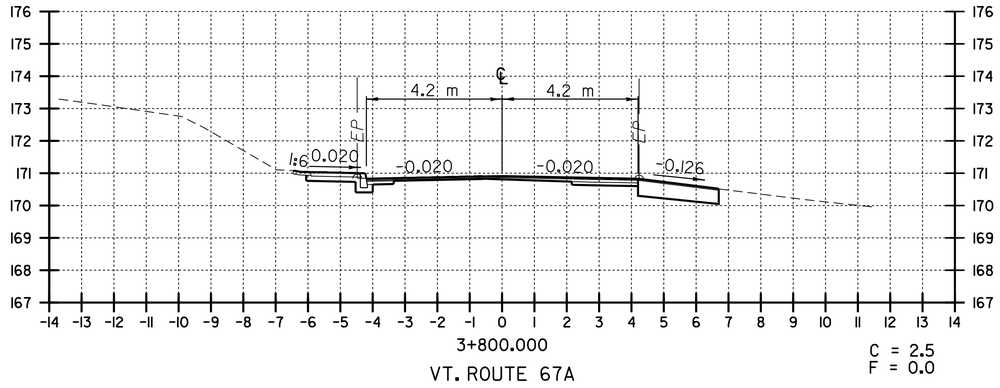
VT. ROUTE 67A

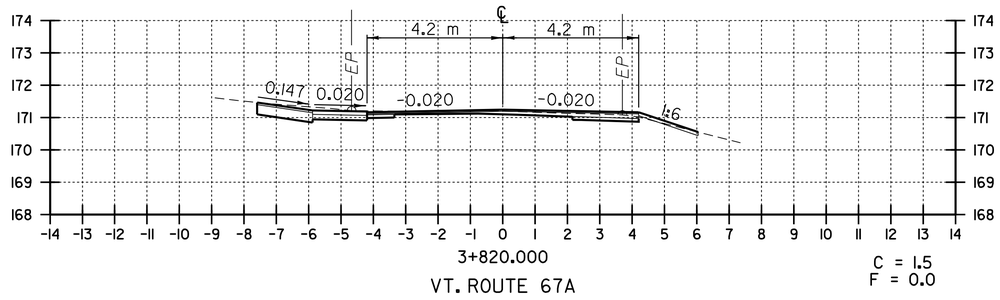
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

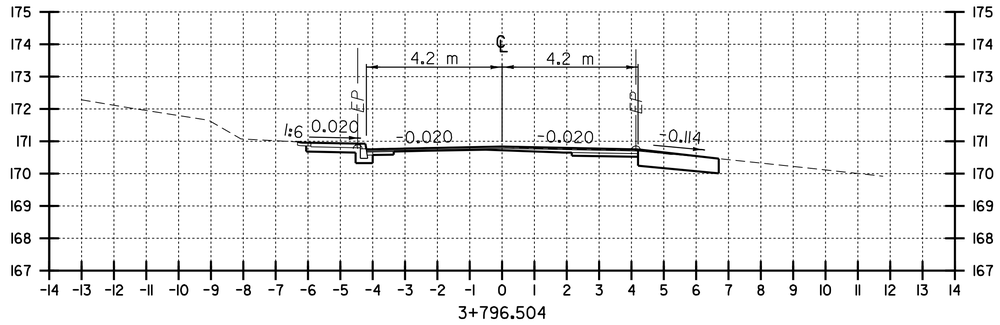
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

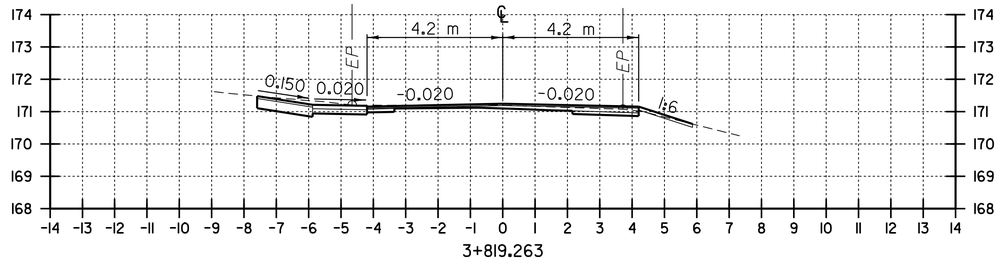
VT. RTE. 67A CROSS SECTIONS SHEET 7

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs07.i DATE PLOTTED $DATE$
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 122 OF 151 SHEETS







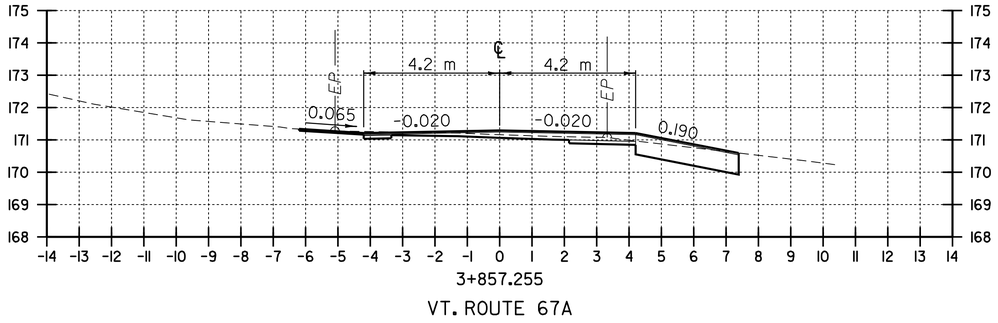


DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

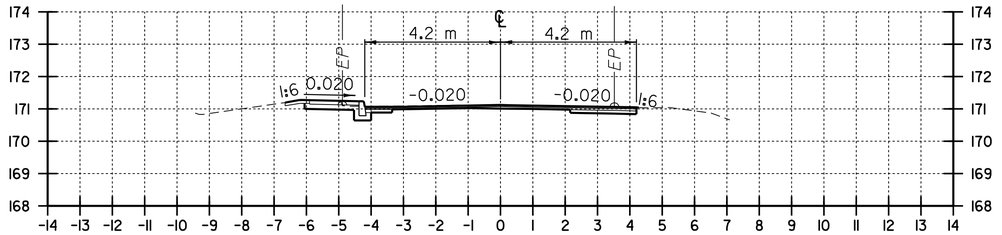
VT. RTE. 67A CROSS SECTIONS SHEET 8

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs08.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 123 OF 151 SHEETS



3+857.255

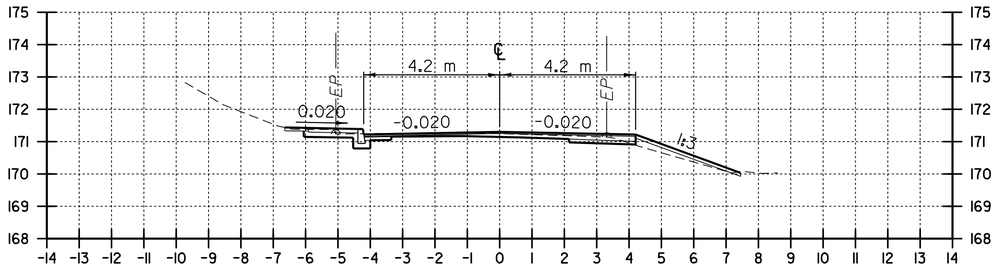
VT. ROUTE 67A



3+880.000

VT. ROUTE 67A

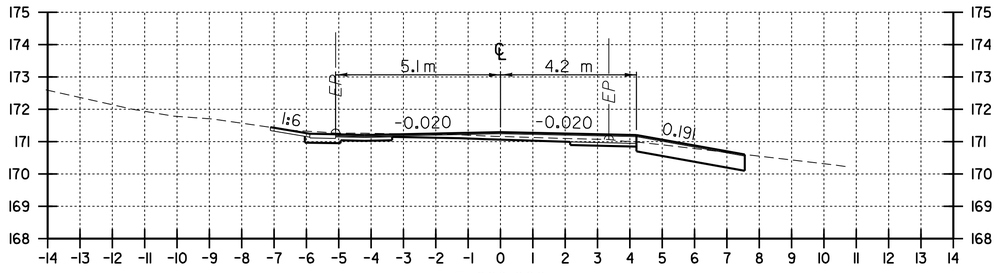
C = 1.0
F = 0.0



3+840.000

VT. ROUTE 67A

C = 1.0
F = 0.5



3+860.000

VT. ROUTE 67A

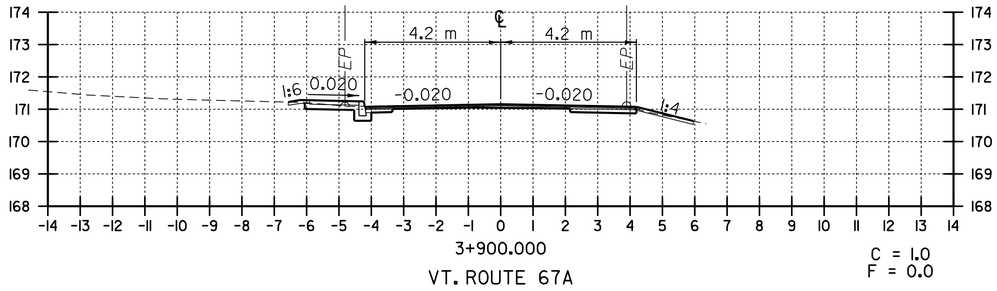
C = 2.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 9

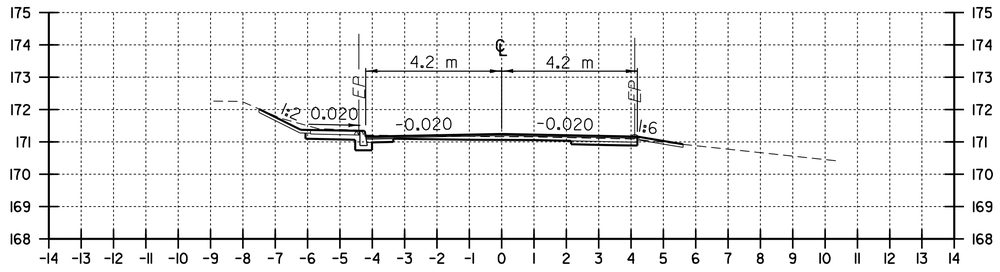
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs09.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 124 OF 151 SHEETS



3+900.000

VT. ROUTE 67A

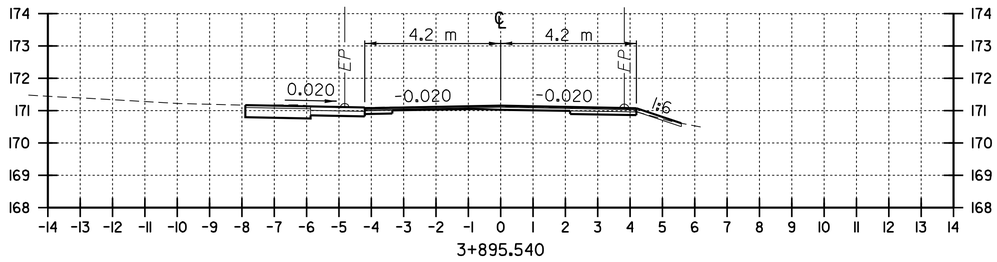
C = 1.0
F = 0.0



3+940.000

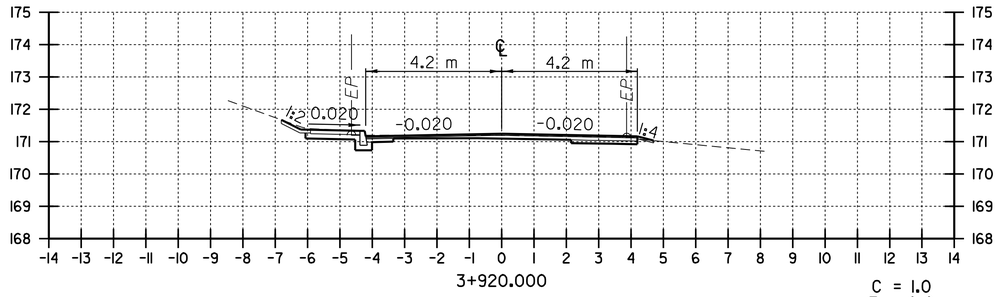
VT. ROUTE 67A

C = 1.5
F = 0.0



3+895.540

VT. ROUTE 67A



3+920.000

VT. ROUTE 67A

C = 1.0
F = 0.0

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 10

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

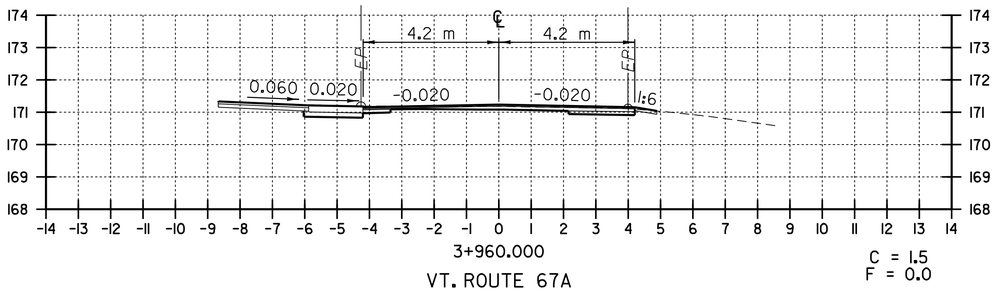
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

IPARM FILE pdl04xsl0.i DATE PLOTTED 30-AUG-2010 12:

PROJ. NAME NORTH BENNINGTON

PROJ. NO. STP 9646(I)S

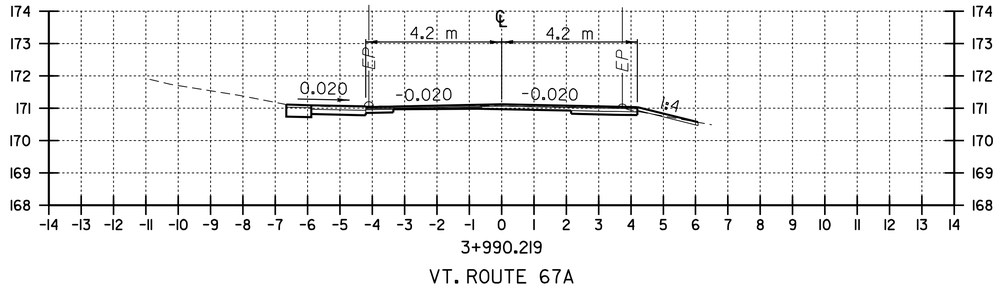
SHEET 125 OF 151 SHEETS



3+960.000

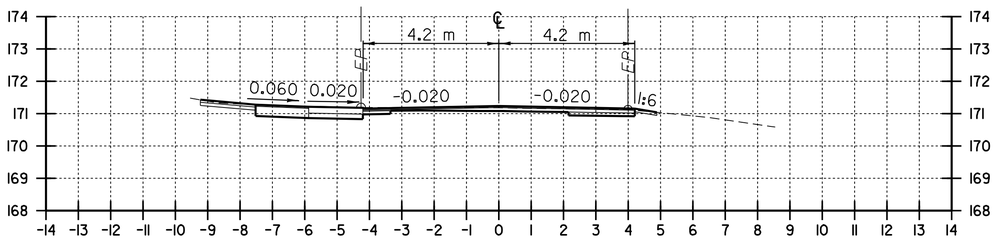
VT. ROUTE 67A

C = 1.5
F = 0.0



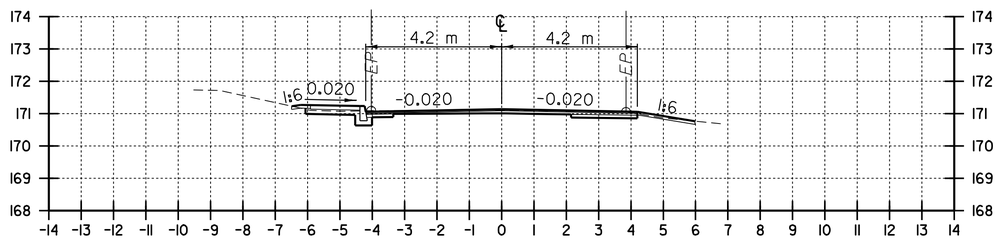
3+990.219

VT. ROUTE 67A



3+956.275

VT. ROUTE 67A



3+980.000

VT. ROUTE 67A

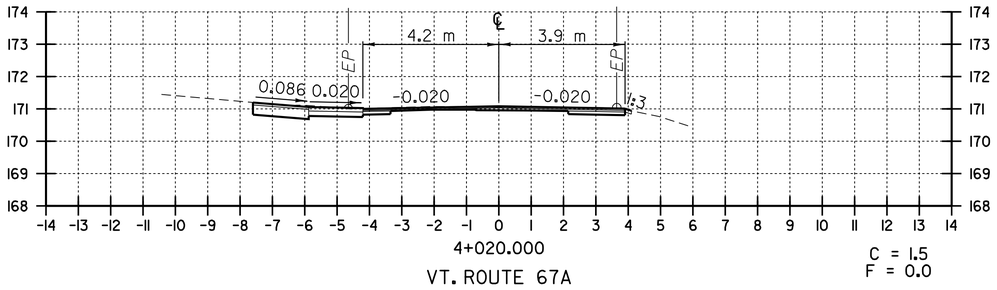
C = 1.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

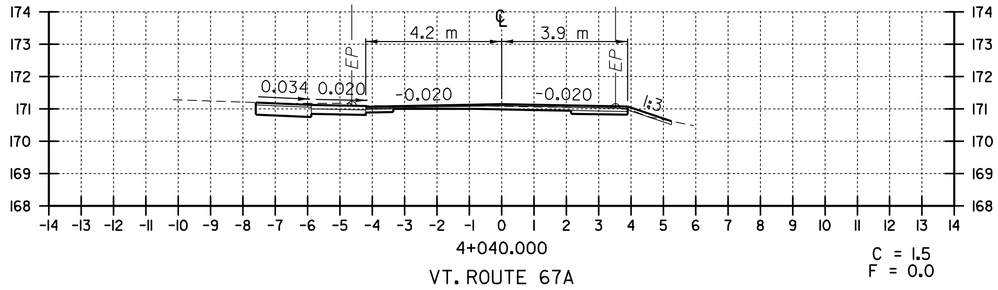
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 11

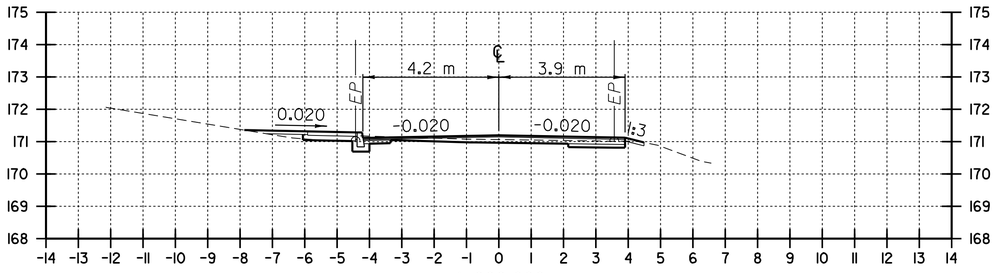
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xsll.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 126 OF 151 SHEETS



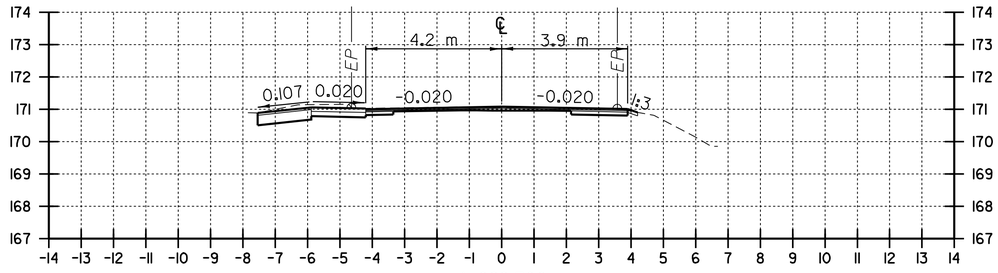
4+020.000
VT. ROUTE 67A
C = 1.5
F = 0.0



4+040.000
VT. ROUTE 67A
C = 1.5
F = 0.0



4+000.000
VT. ROUTE 67A
C = 0.5
F = 0.0



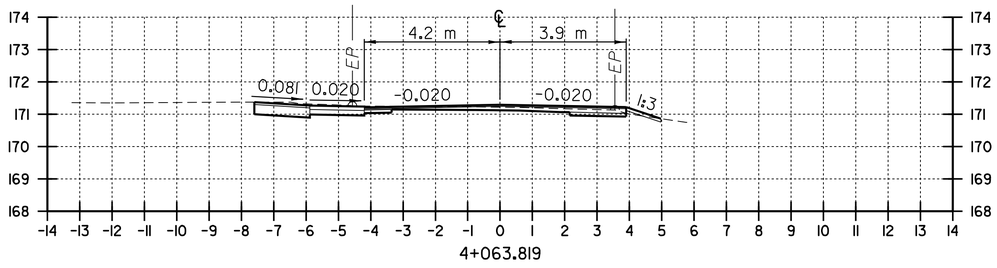
4+029.306
VT. ROUTE 67A

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

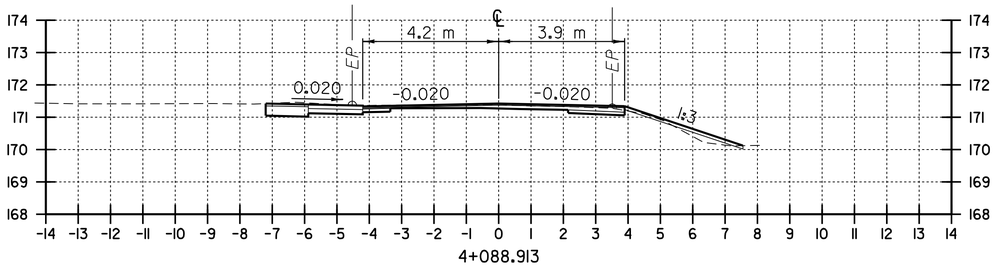
VT. RTE. 67A CROSS SECTIONS SHEET 12

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xsl2.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 127 OF 151 SHEETS



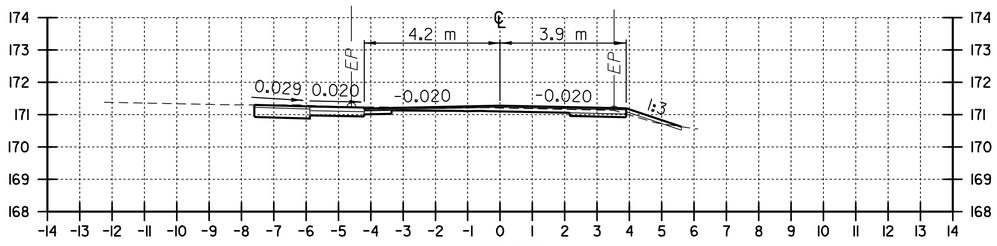
4+063.819

VT. ROUTE 67A



4+088.913

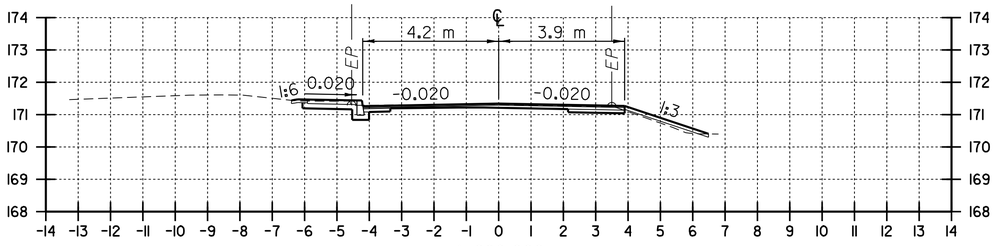
VT. ROUTE 67A



4+060.000

VT. ROUTE 67A

C = 1.5
F = 0.0



4+080.000

VT. ROUTE 67A

C = 1.0
F = 0.0

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 13

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

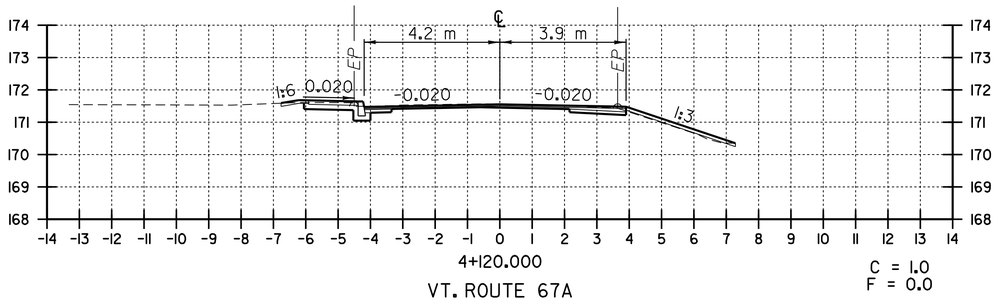
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

IPARM FILE pdl04xsl3.i DATE PLOTTED 30-AUG-2010 12:

PROJ. NAME NORTH BENNINGTON

PROJ. NO. STP 9646(I)S

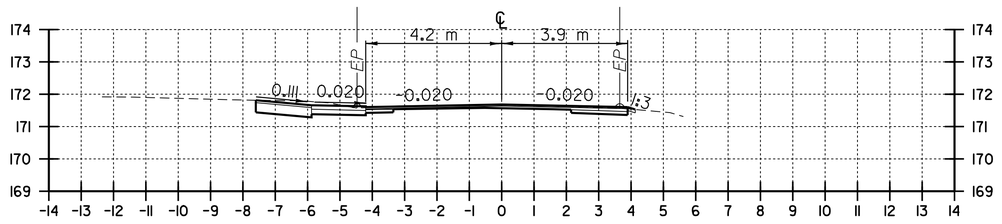
SHEET 128 OF 151 SHEETS



4+120.000

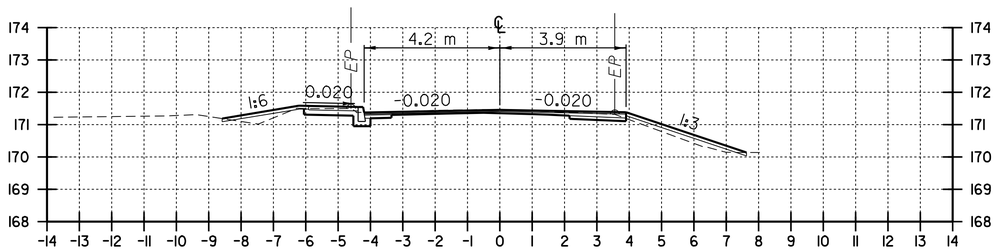
VT. ROUTE 67A

C = 1.0
F = 0.0



4+136.642

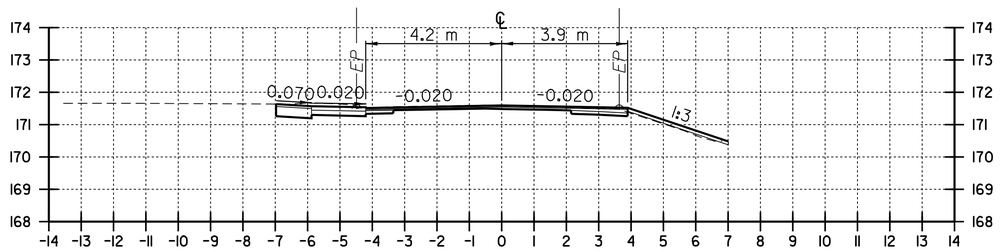
VT. ROUTE 67A



4+100.000

VT. ROUTE 67A

C = 1.0
F = 1.0



4+124.655

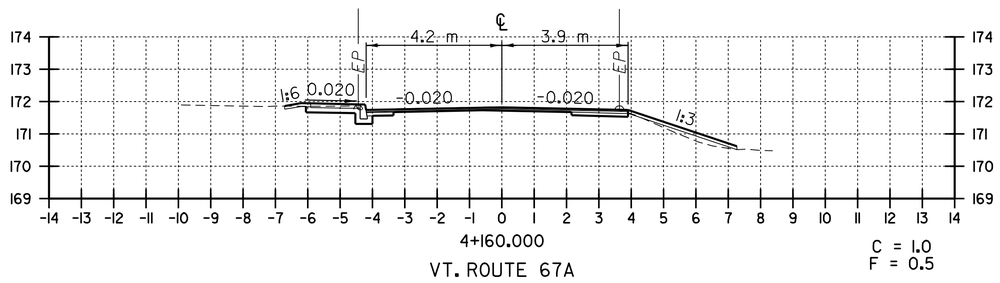
VT. ROUTE 67A

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 14

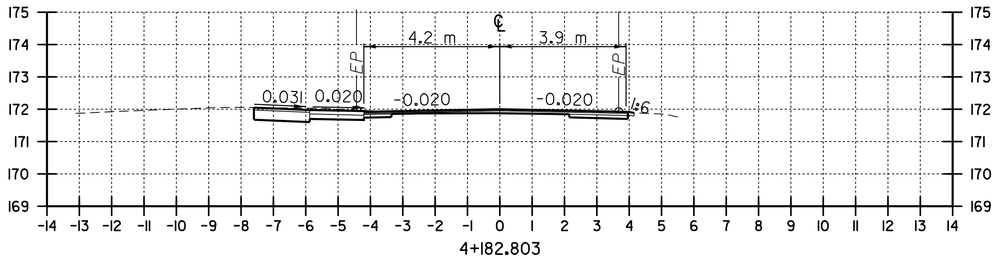
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xsl4.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 129 OF 151 SHEETS



4+160.000

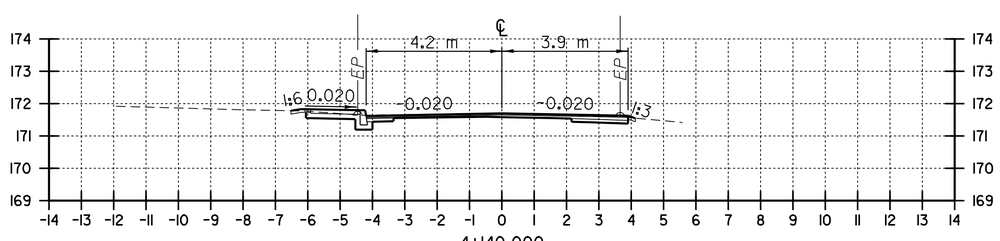
VT. ROUTE 67A

C = 1.0
F = 0.5



4+182.803

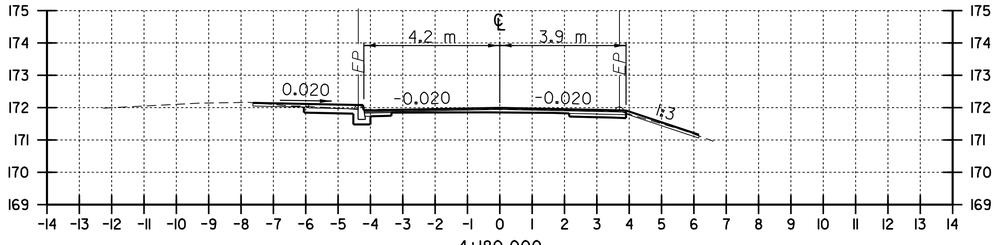
VT. ROUTE 67A



4+140.000

VT. ROUTE 67A

C = 1.0
F = 0.0



4+180.000

VT. ROUTE 67A

C = 1.0
F = 0.0

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 15

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

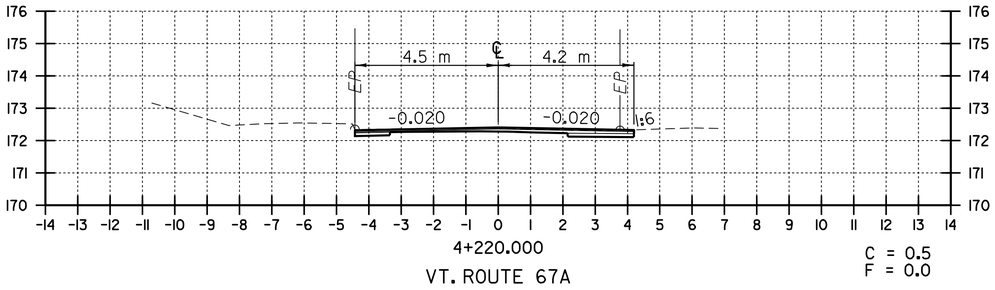
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

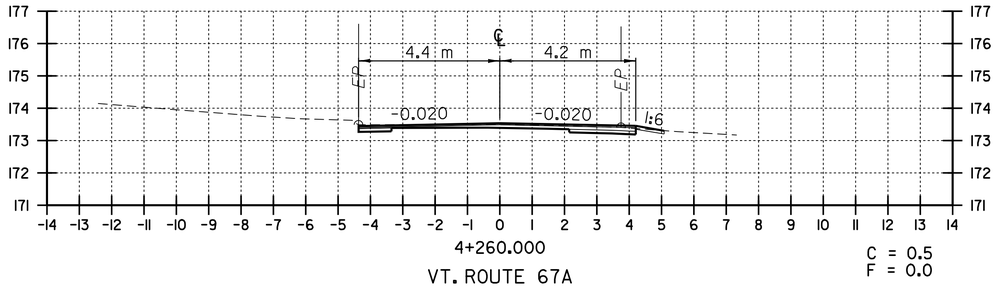
IPARM FILE pdl04xsl5.i DATE PLOTTED 30-AUG-2010 12:

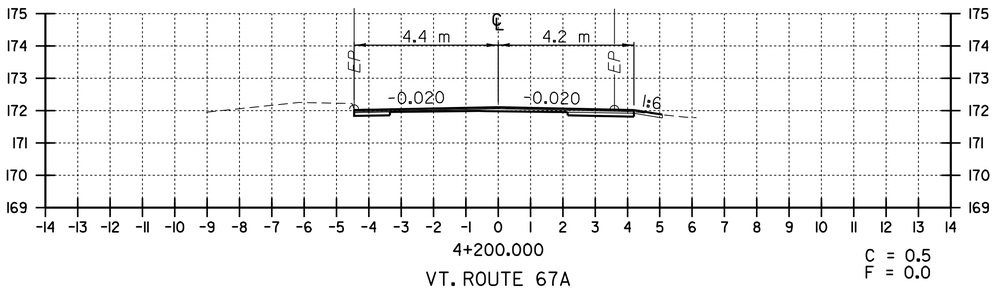
PROJ. NAME NORTH BENNINGTON

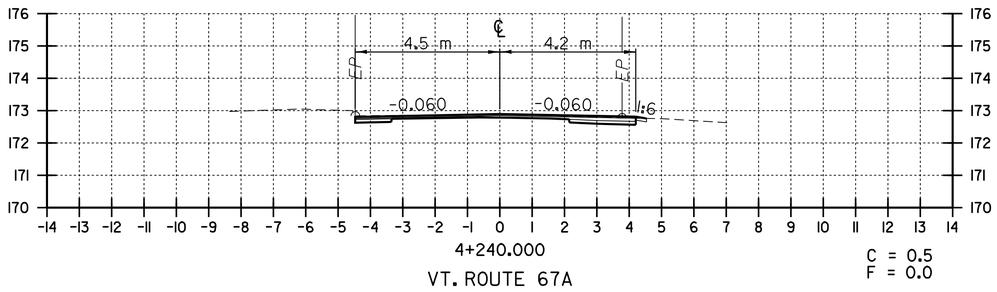
PROJ. NO. STP 9646(I)S

SHEET 130 OF 151 SHEETS







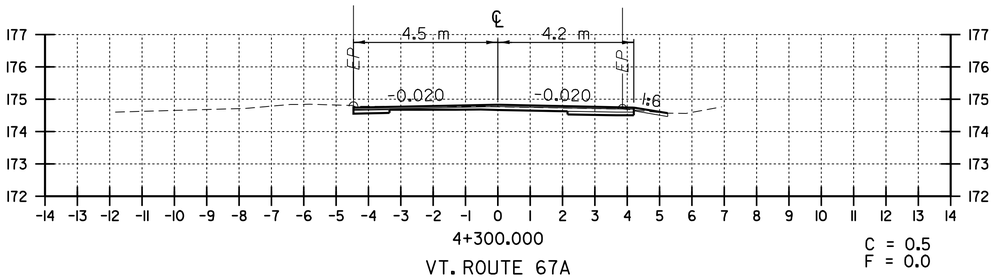


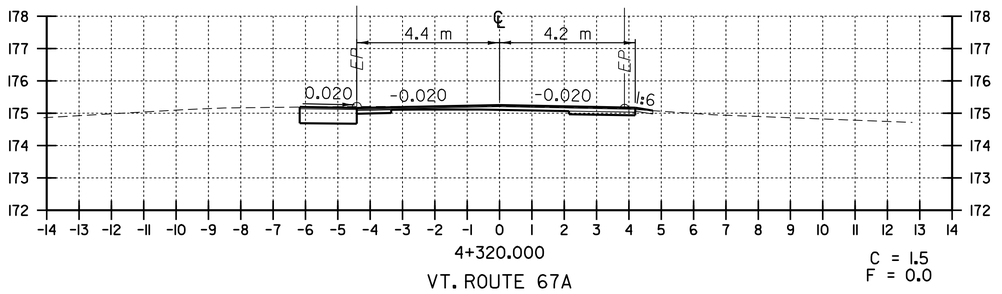
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

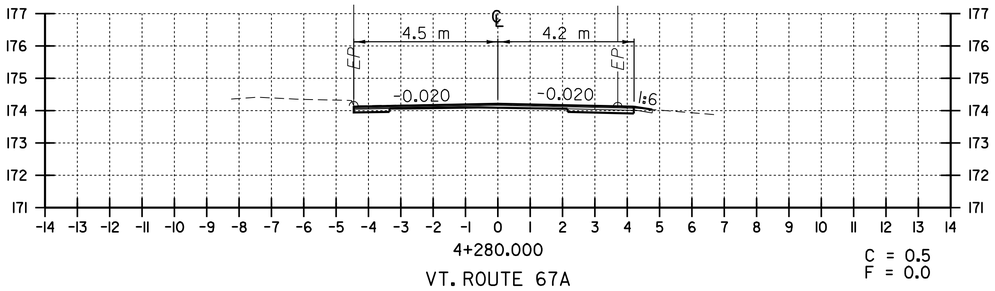
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

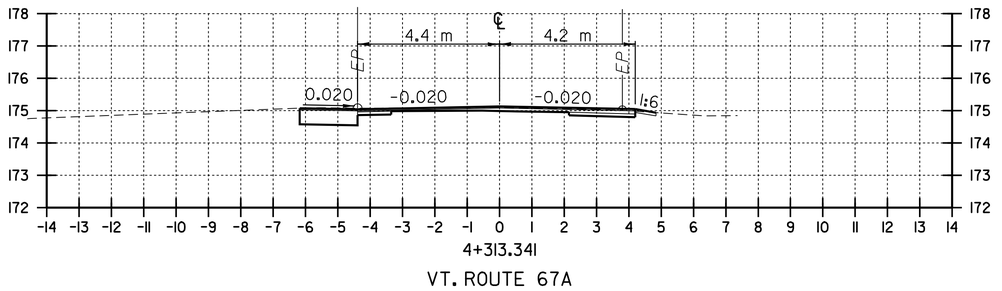
VT. RTE. 67A CROSS SECTIONS SHEET 16

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xsl6.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 131 OF 151 SHEETS







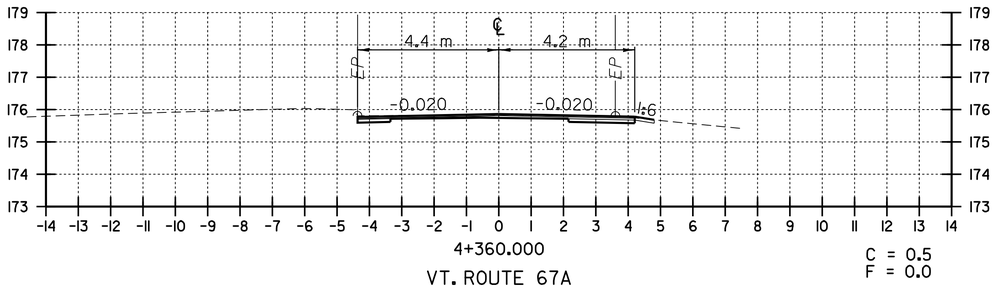


DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 17

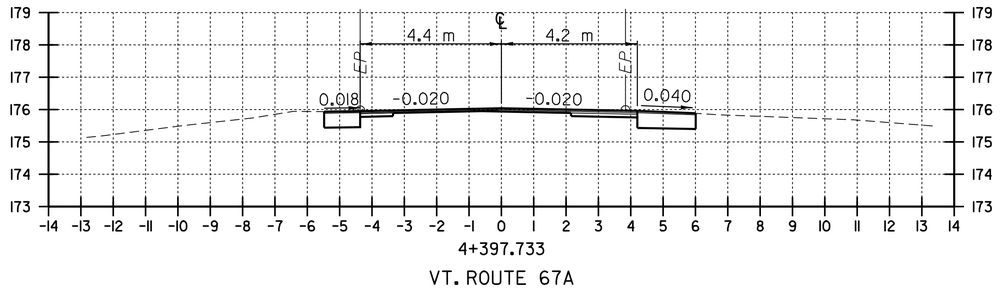
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xsl7.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 132 OF 151 SHEETS



4+360.000

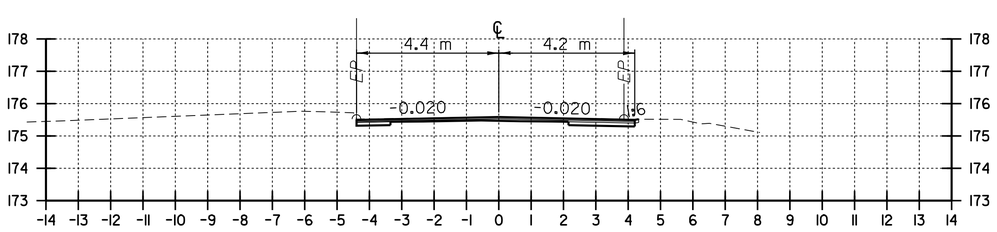
VT. ROUTE 67A

C = 0.5
F = 0.0



4+397.733

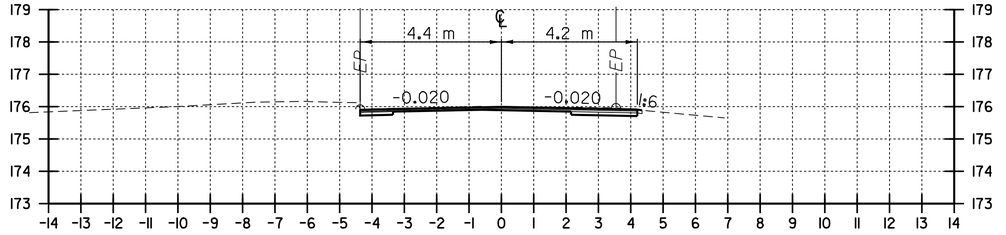
VT. ROUTE 67A



4+340.000

VT. ROUTE 67A

C = 0.5
F = 0.0



4+380.000

VT. ROUTE 67A

C = 0.5
F = 0.0

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 18

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

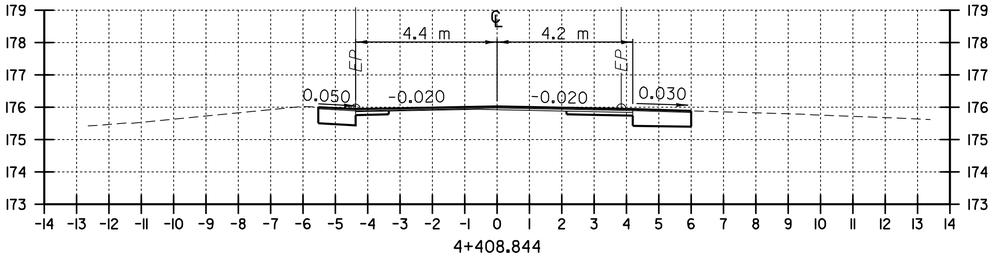
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

IPARM FILE pdl04xsl8.i DATE PLOTTED 30-AUG-2010 12:

PROJ. NAME NORTH BENNINGTON

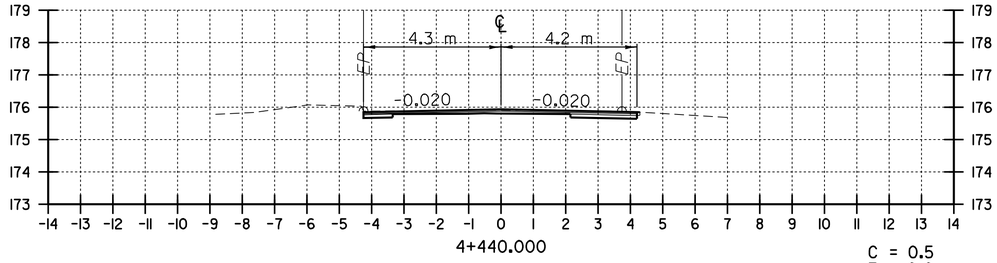
PROJ. NO. STP 9646(I)S

SHEET 133 OF 151 SHEETS



4+408.844

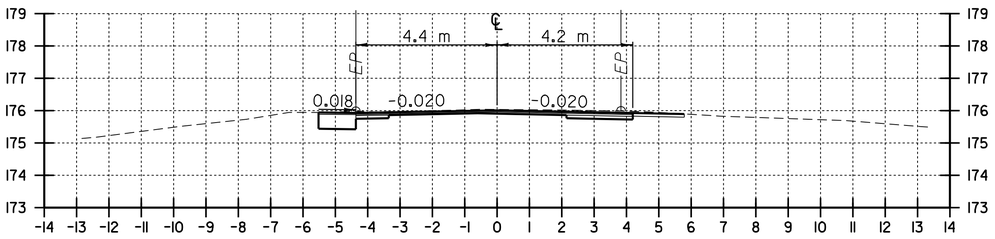
VT. ROUTE 67A



4+440.000

VT. ROUTE 67A

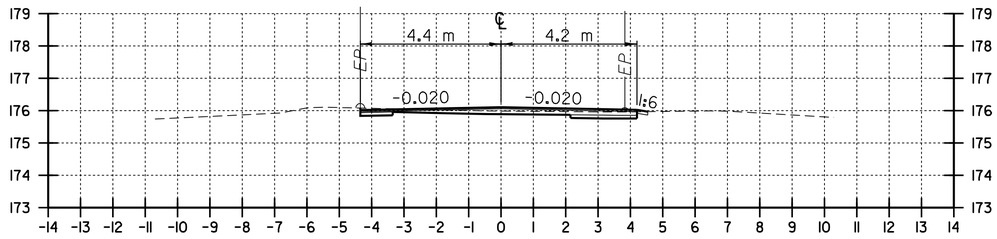
C = 0.5
F = 0.0



4+400.000

VT. ROUTE 67A

C = 1.0
F = 0.0



4+420.000

VT. ROUTE 67A

C = 0.5
F = 0.0

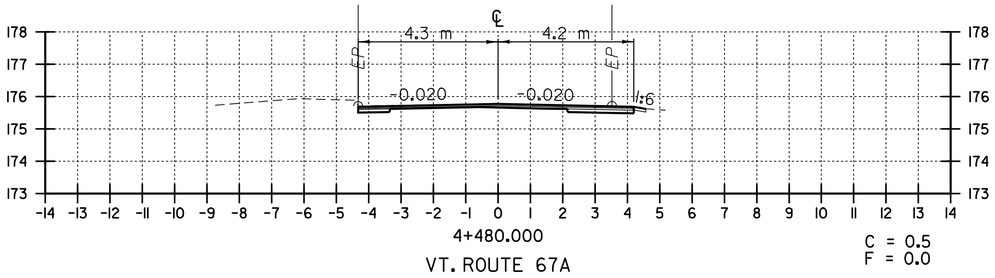
0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VT. RTE. 67A CROSS SECTIONS SHEET 19

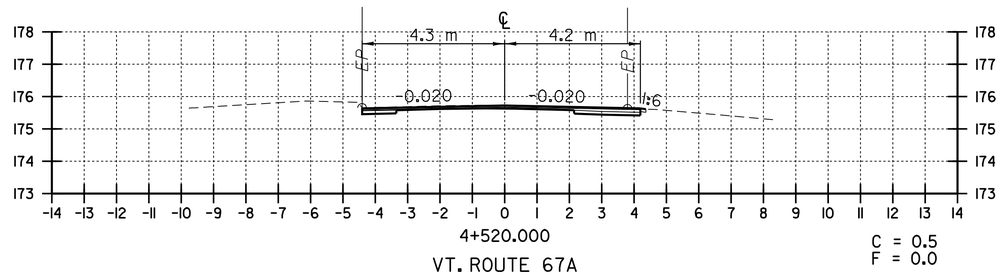
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xsl9.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 134 OF 151 SHEETS



4+480.000

VT. ROUTE 67A

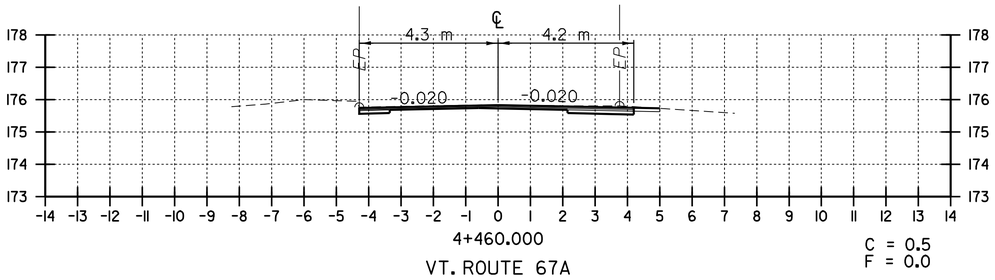
C = 0.5
F = 0.0



4+520.000

VT. ROUTE 67A

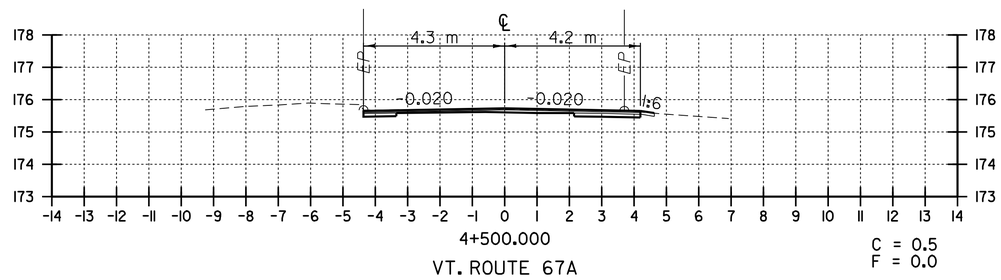
C = 0.5
F = 0.0



4+460.000

VT. ROUTE 67A

C = 0.5
F = 0.0

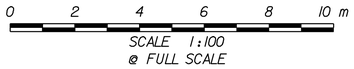


4+500.000

VT. ROUTE 67A

C = 0.5
F = 0.0

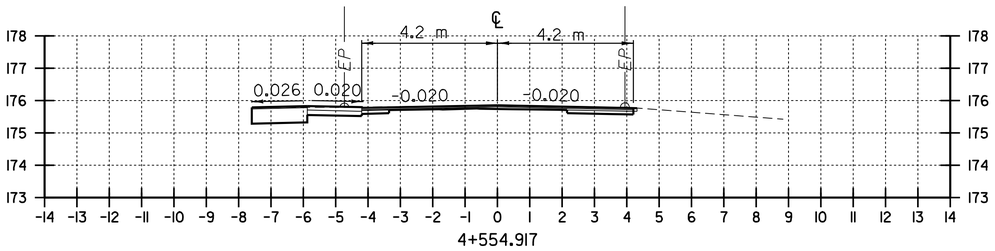
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)



SCALE 1:100
@ FULL SCALE

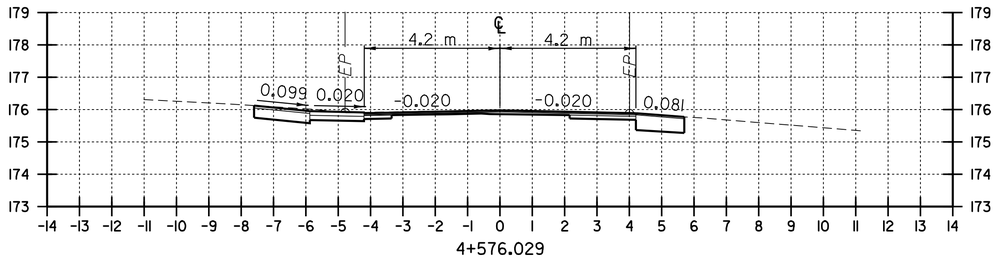
VT. RTE. 67A CROSS SECTIONS SHEET 20

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs20.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 135 OF 151 SHEETS



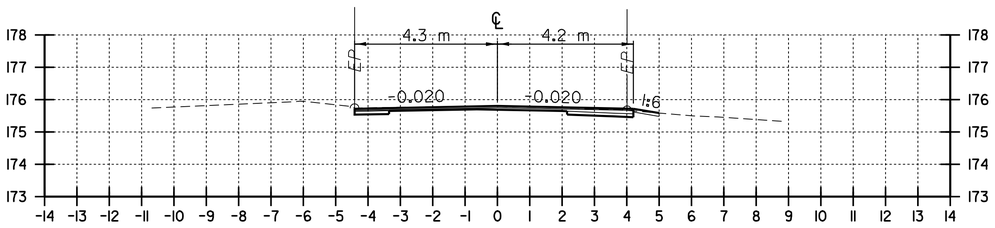
4+554.917

VT. ROUTE 67A



4+576.029

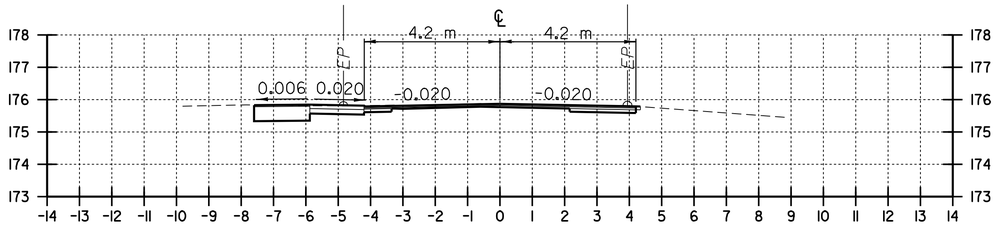
VT. ROUTE 67A



4+540.000

VT. ROUTE 67A

C = 0.5
F = 0.0



4+560.000

VT. ROUTE 67A

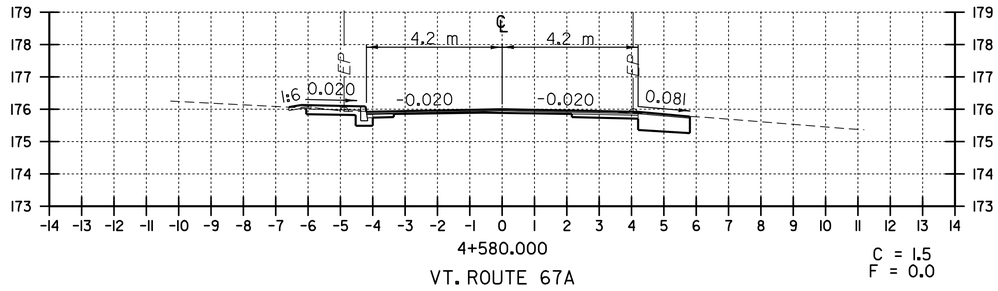
C = 1.5
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

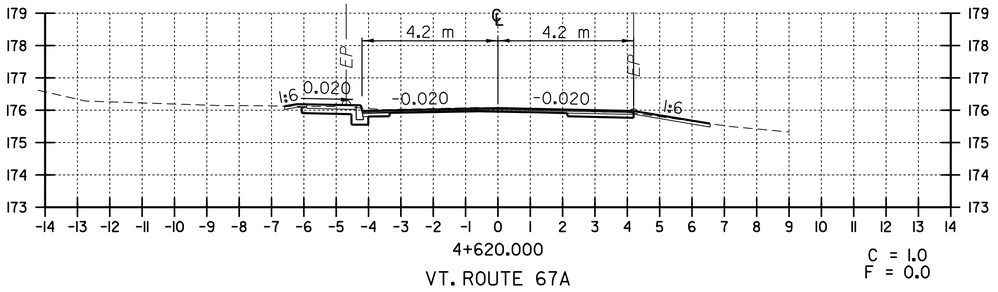
VT. RTE. 67A CROSS SECTIONS SHEET 21

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs21.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 136 OF 151 SHEETS



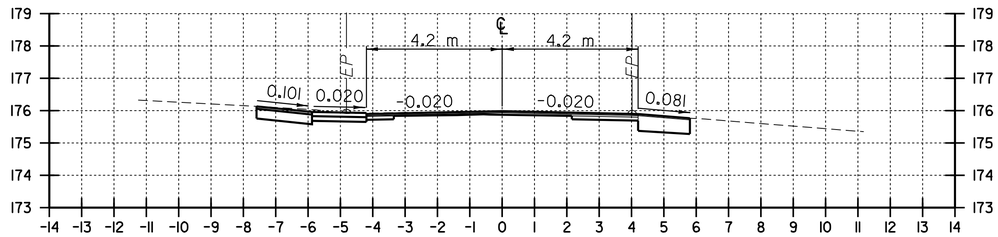
4+580.000
VT. ROUTE 67A

C = 1.5
F = 0.0

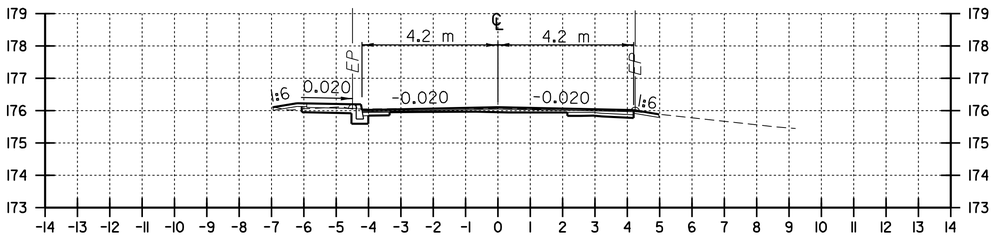


4+620.000
VT. ROUTE 67A

C = 1.0
F = 0.0



4+576.266
VT. ROUTE 67A



4+600.000
VT. ROUTE 67A

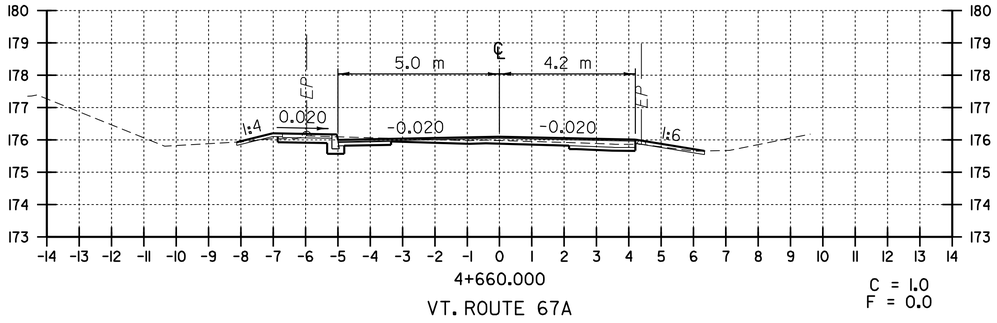
C = 1.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

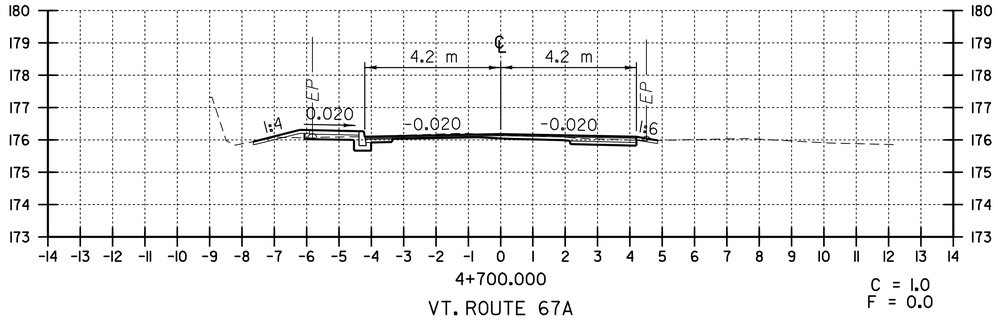
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 22

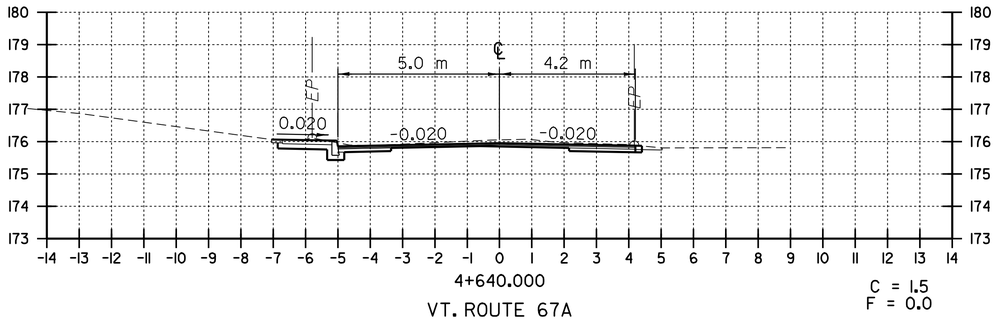
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs22.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 137 OF 151 SHEETS



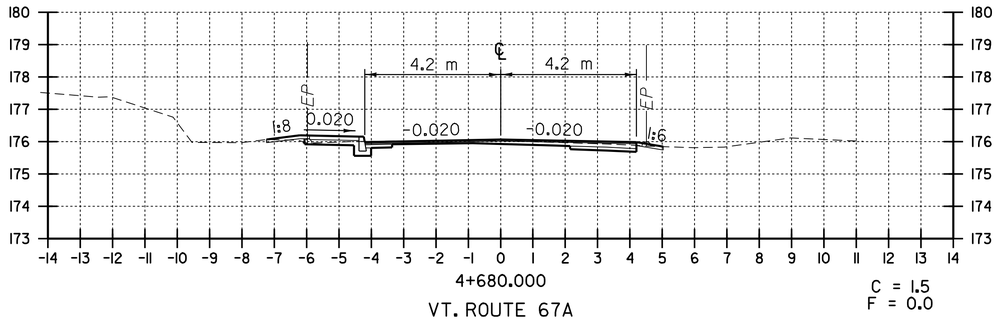
4+660.000
VT. ROUTE 67A
C = 1.0
F = 0.0



4+700.000
VT. ROUTE 67A
C = 1.0
F = 0.0



4+640.000
VT. ROUTE 67A
C = 1.5
F = 0.0



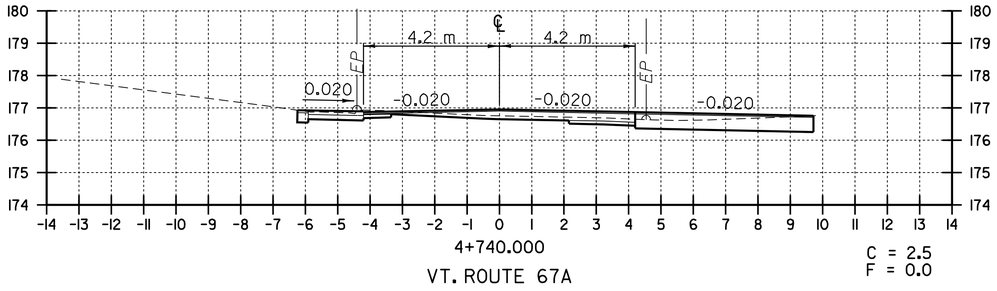
4+680.000
VT. ROUTE 67A
C = 1.5
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

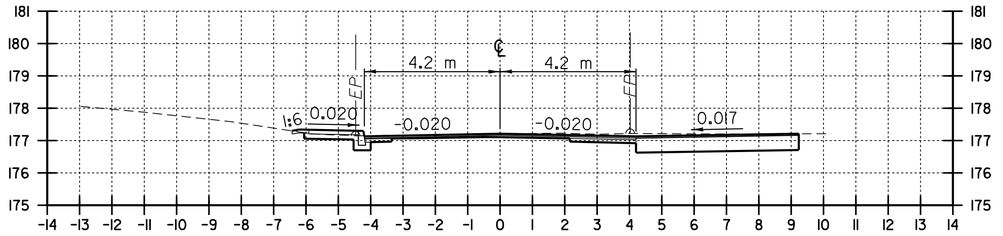
VT. RTE. 67A CROSS SECTIONS SHEET 23

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs23.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 138 OF 151 SHEETS



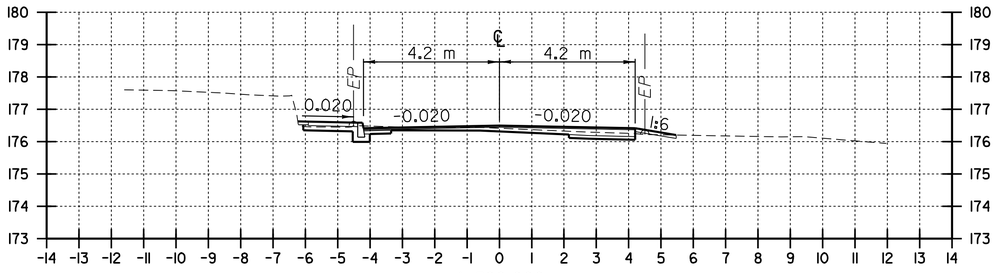
4+740.000
VT. ROUTE 67A

C = 2.5
F = 0.0



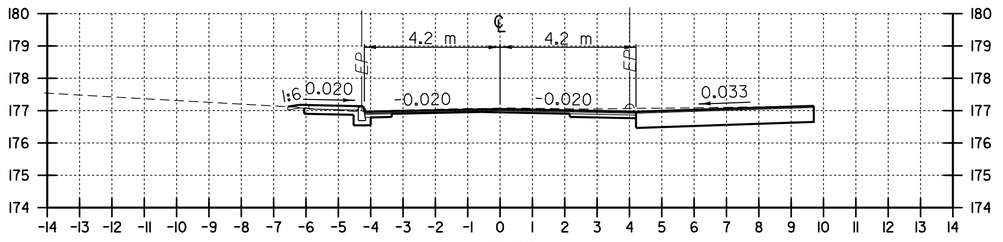
4+780.000
VT. ROUTE 67A

C = 3.5
F = 0.0



4+720.000
VT. ROUTE 67A

C = 1.0
F = 0.0



4+760.000
VT. ROUTE 67A

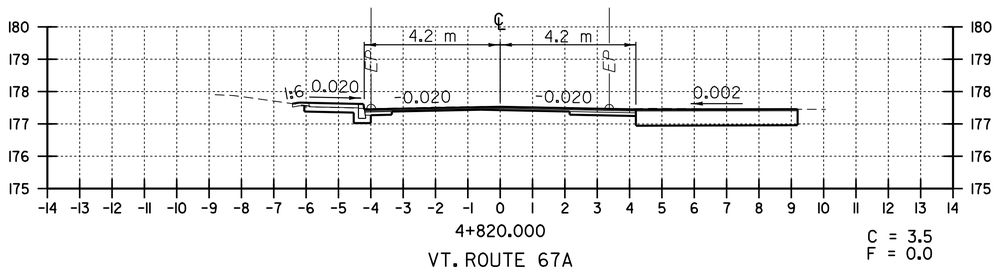
C = 4.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 24

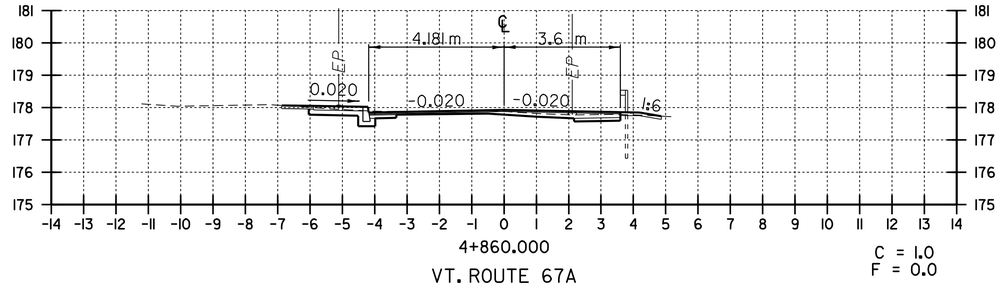
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs24.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 139 OF 151 SHEETS



4+820.000

VT. ROUTE 67A

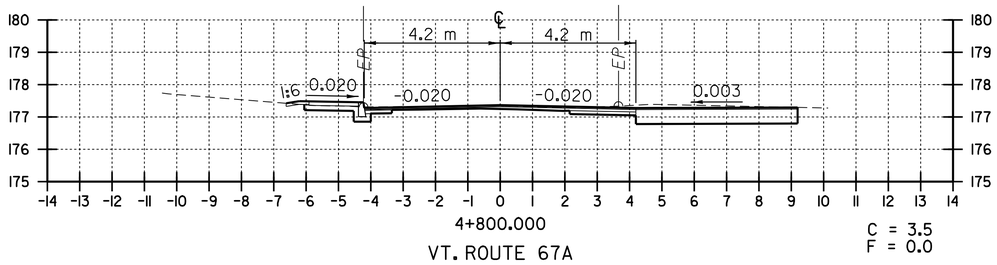
C = 3.5
F = 0.0



4+860.000

VT. ROUTE 67A

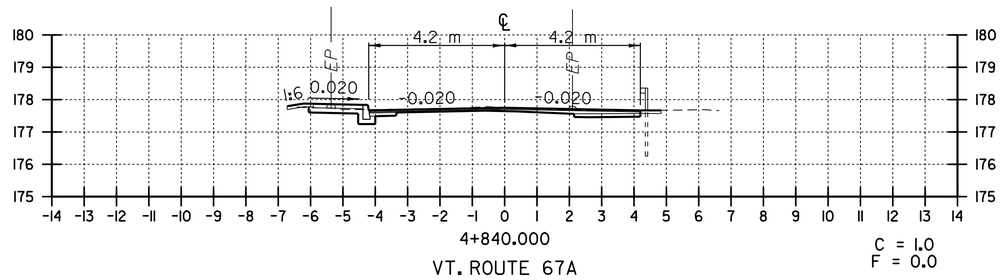
C = 1.0
F = 0.0



4+800.000

VT. ROUTE 67A

C = 3.5
F = 0.0



4+840.000

VT. ROUTE 67A

C = 1.0
F = 0.0

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 25

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

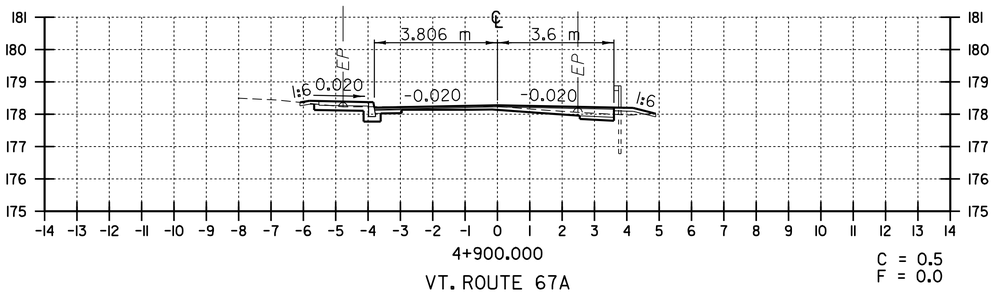
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

IPARM FILE pdl04xs25.i DATE PLOTTED 30-AUG-2010 12:

PROJ. NAME NORTH BENNINGTON

PROJ. NO. STP 9646(I)S

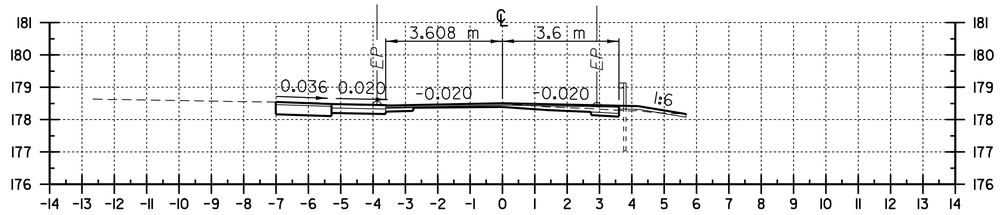
SHEET 140 OF 151 SHEETS



4+900.000

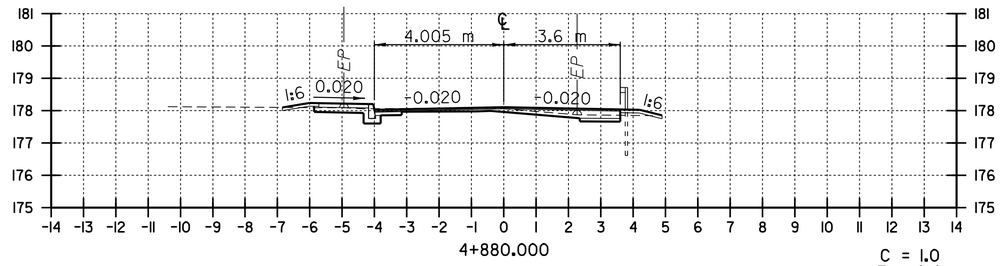
VT. ROUTE 67A

C = 0.5
F = 0.0



4+925.647

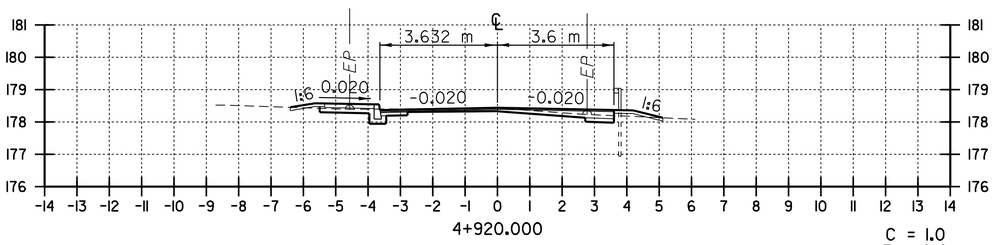
VT. ROUTE 67A



4+880.000

VT. ROUTE 67A

C = 1.0
F = 0.0



4+920.000

VT. ROUTE 67A

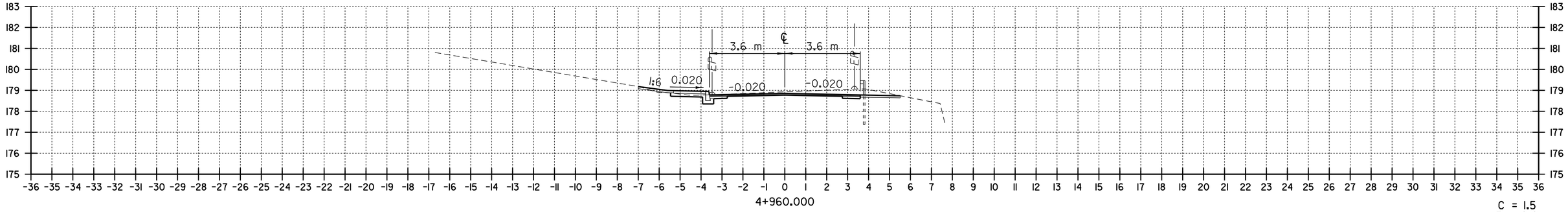
C = 1.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

V.T. RTE. 67A CROSS SECTIONS SHEET 26

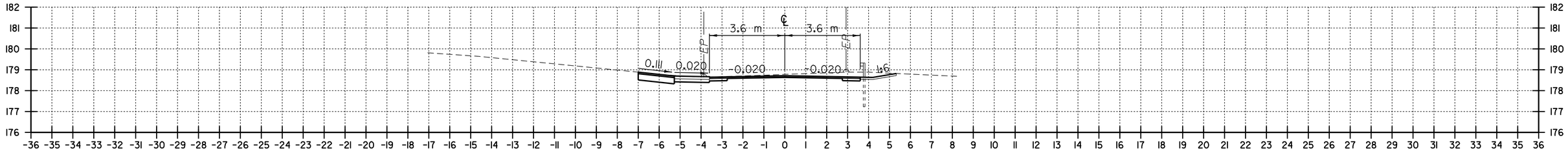
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs26.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 141 OF 151 SHEETS



4+960.000

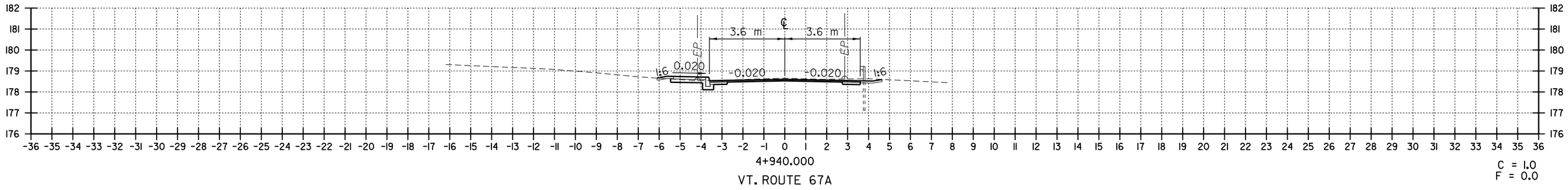
VT. ROUTE 67A

C = 1.5
F = 0.0



4+949.167

VT. ROUTE 67A



4+940.000

VT. ROUTE 67A

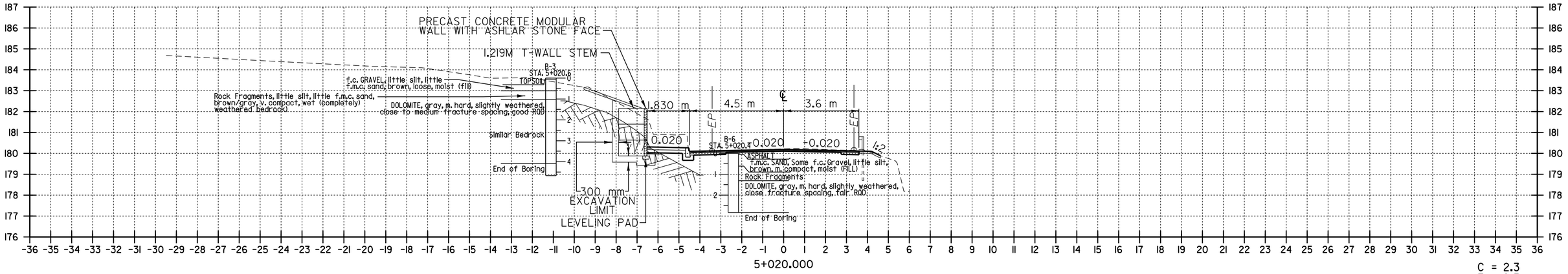
C = 1.0
F = 0.0

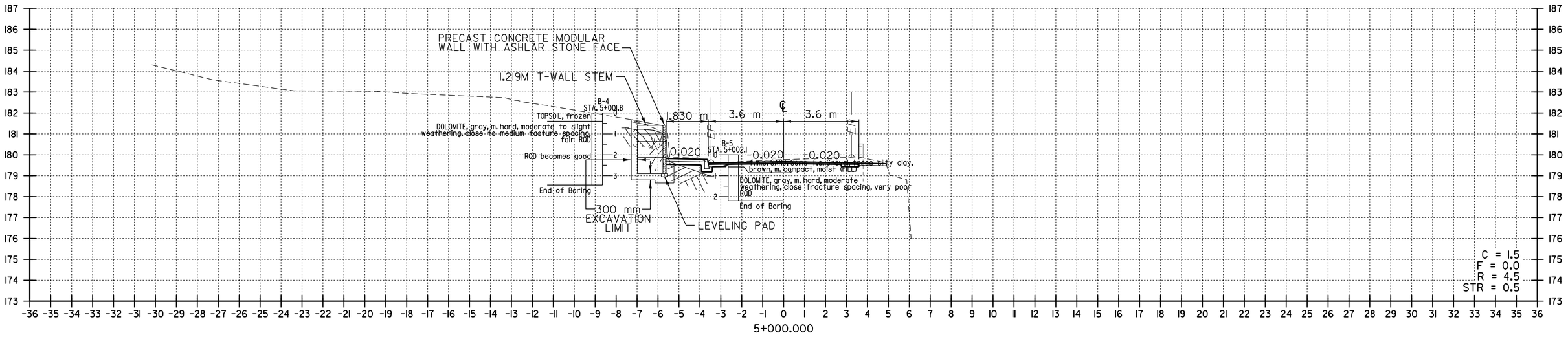
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

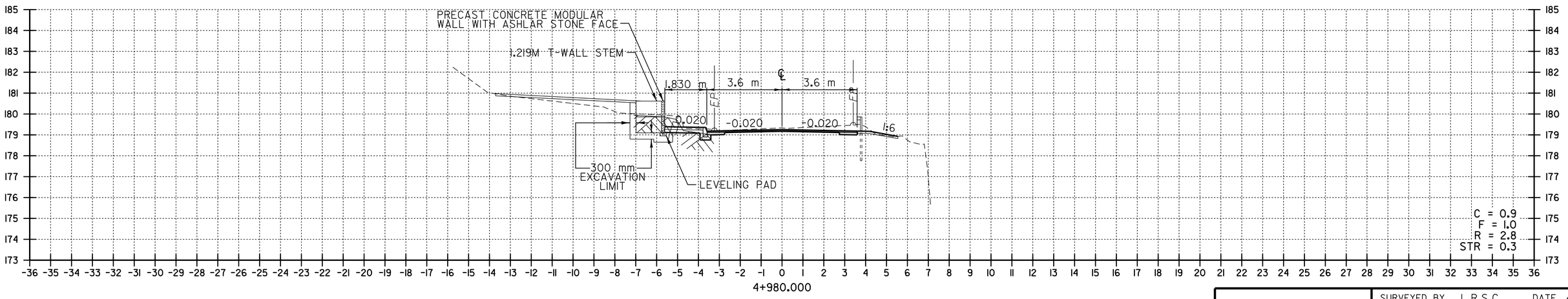
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 27

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs27.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 142 OF 151 SHEETS





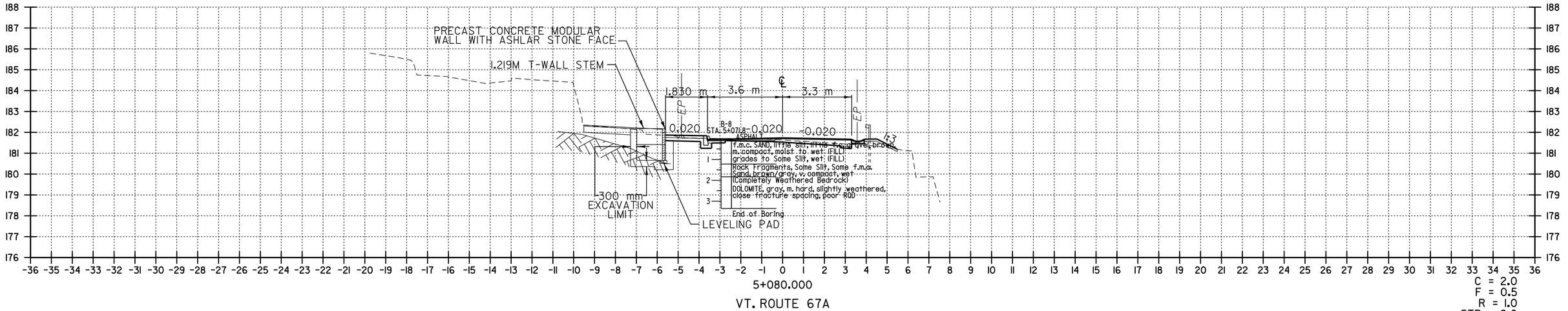


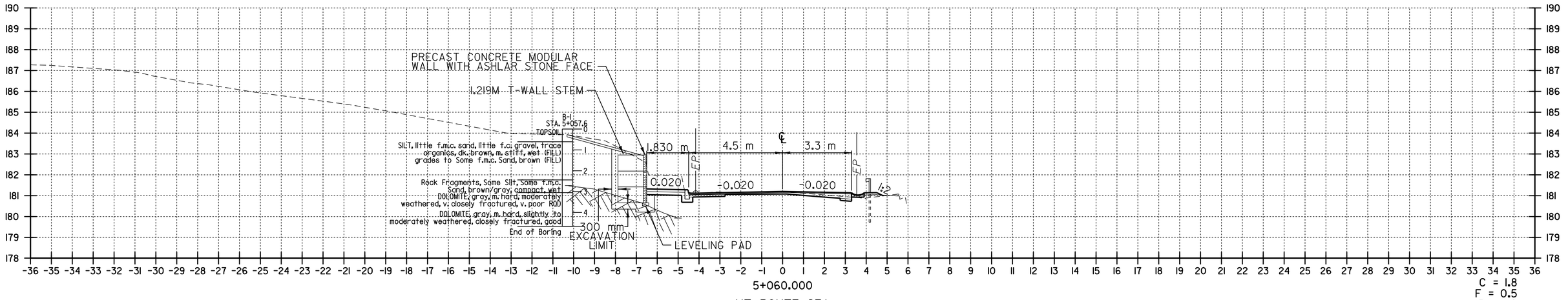
DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

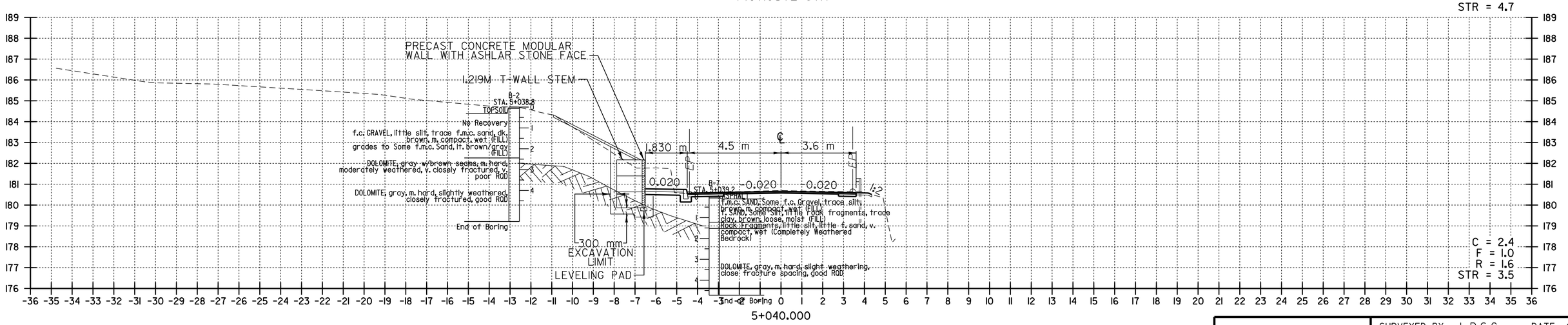
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 28

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs28.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 143 OF 151 SHEETS





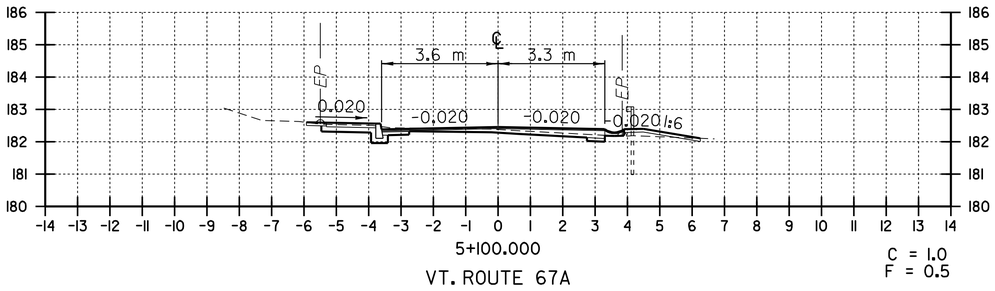


0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

VT. RTE. 67A CROSS SECTIONS SHEET 29

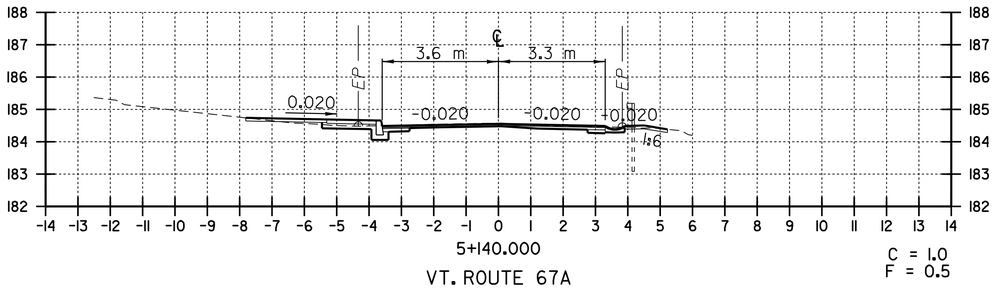
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95d104/pd104.dgn
IPARM FILE pd104xs29.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 144 OF 151 SHEETS



5+100.000

VT. ROUTE 67A

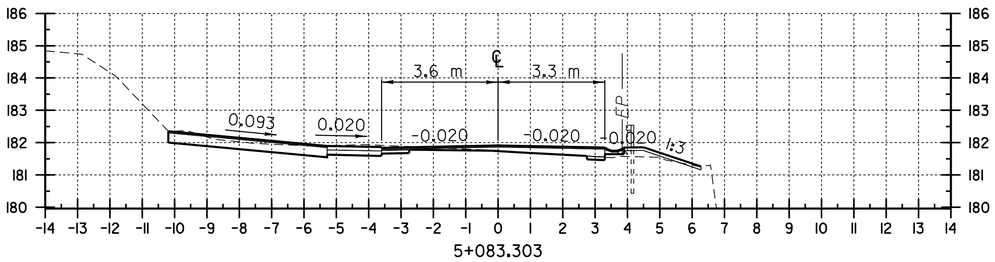
C = 1.0
F = 0.5



5+140.000

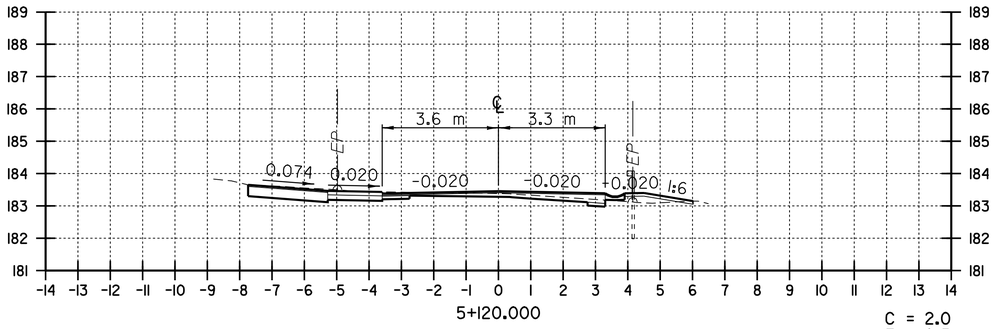
VT. ROUTE 67A

C = 1.0
F = 0.5



5+083.303

VT. ROUTE 67A



5+120.000

VT. ROUTE 67A

C = 2.0
F = 0.5

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 30

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

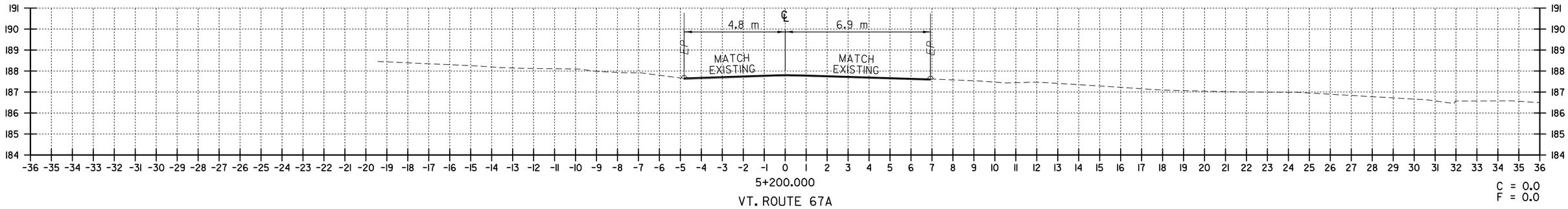
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

IPARM FILE pdl04xs30.1 DATE PLOTTED 30-AUG-2010 12:

PROJ. NAME NORTH BENNINGTON

PROJ. NO. STP 9646(I)S

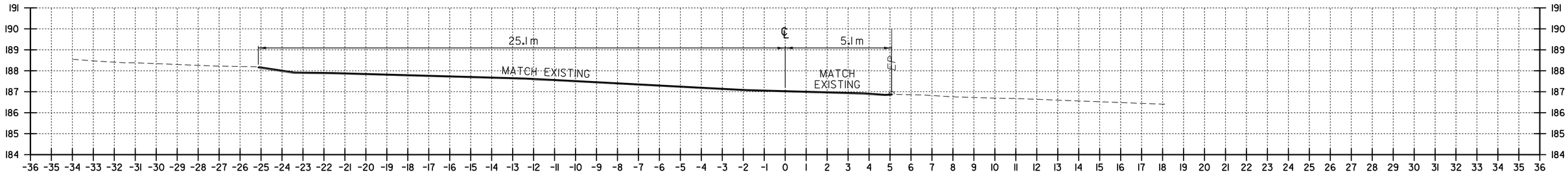
SHEET 145 OF 151 SHEETS



5+200.000

VT. ROUTE 67A

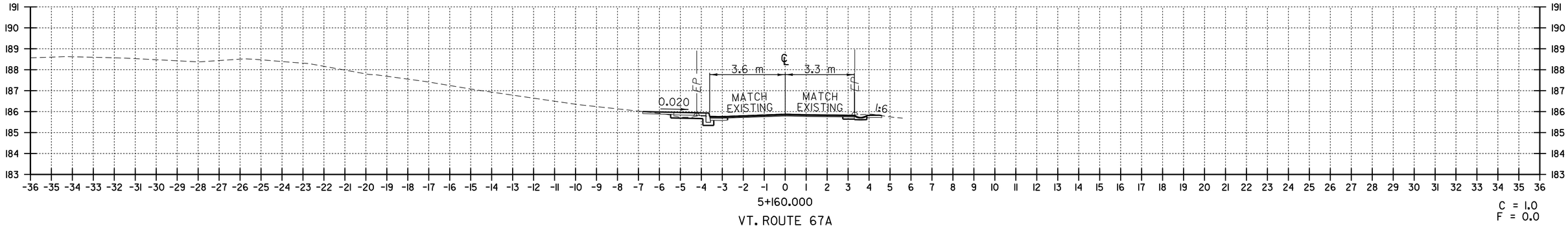
C = 0.0
F = 0.0



5+180.000

VT. ROUTE 67A

C = 0.0
F = 0.0



5+160.000

VT. ROUTE 67A

C = 1.0
F = 0.0

DATUM

VERTICAL N/A

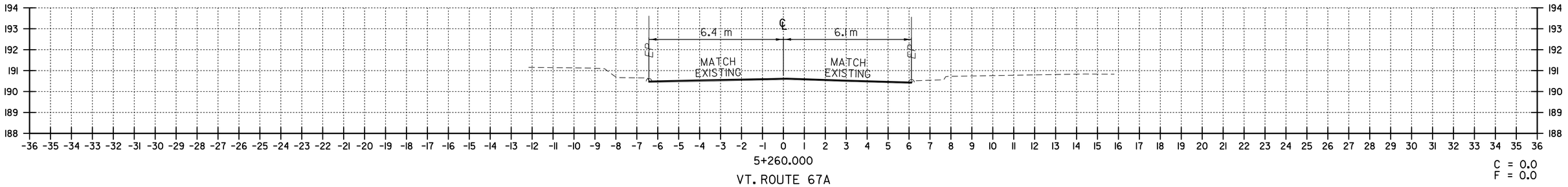
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 31

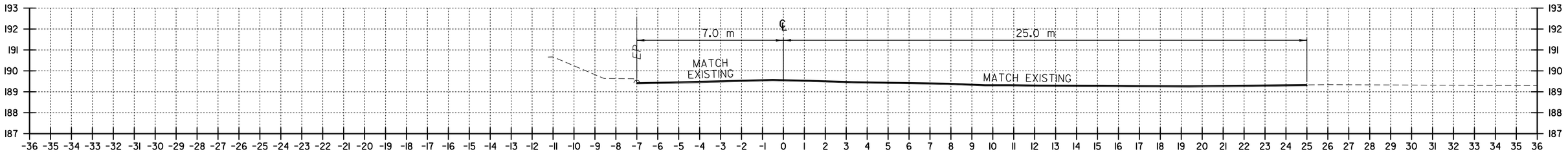
SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs31.i DATE PLOTTED 20-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 146 OF 151 SHEETS



5+260.000

VT. ROUTE 67A

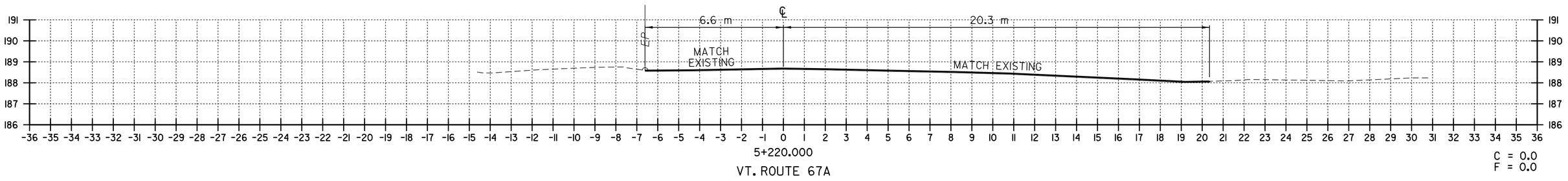
C = 0.0
F = 0.0



5+240.000

VT. ROUTE 67A

C = 0.0
F = 0.0



5+220.000

VT. ROUTE 67A

C = 0.0
F = 0.0

DATUM

VERTICAL N/A

HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m

SCALE 1:100
@ FULL SCALE

VT. RTE. 67A CROSS SECTIONS SHEET 32

SURVEYED BY L.R.S.C. DATE 4/03

DRAWN BY C.A.K. DATE 3/06

SQUAD LEADER D.E.G.

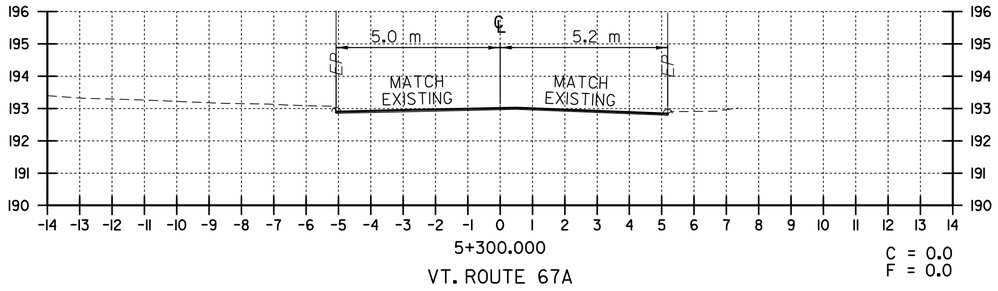
DESIGN FILE NO. /pave/95dl04/pdl04.dgn

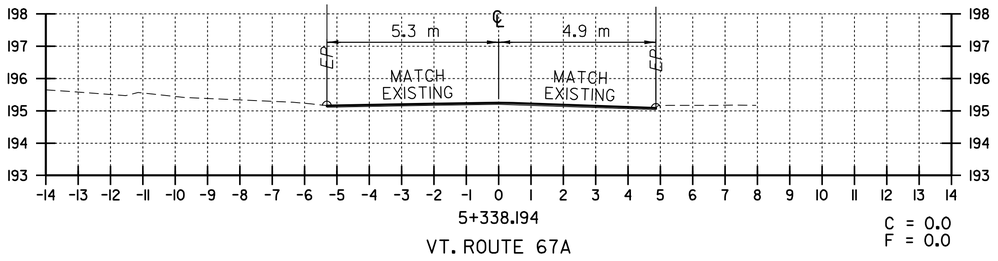
IPARM FILE pdl04xs32.i DATE PLOTTED 20-AUG-2010 12:

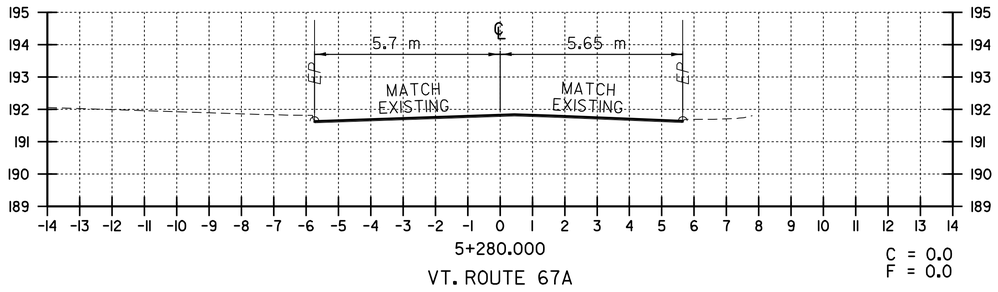
PROJ. NAME NORTH BENNINGTON

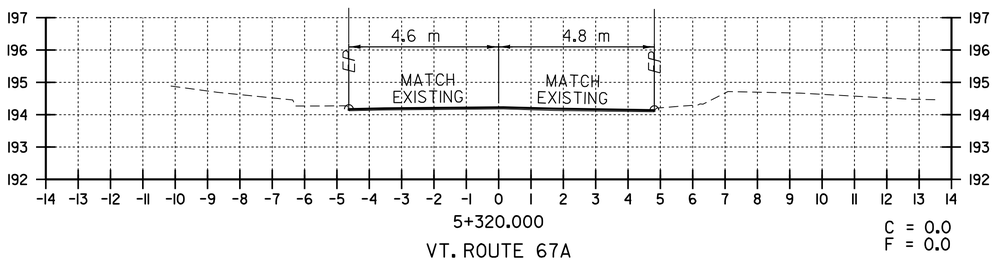
PROJ. NO. STP 9646(I)S

SHEET 147 OF 151 SHEETS







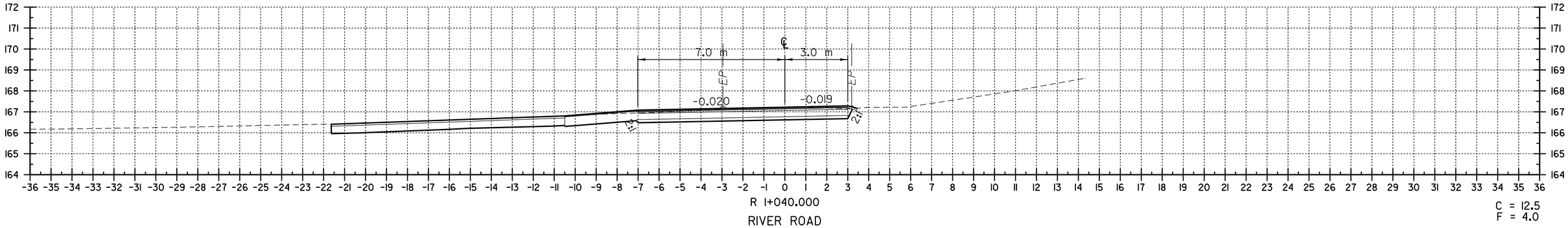


DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

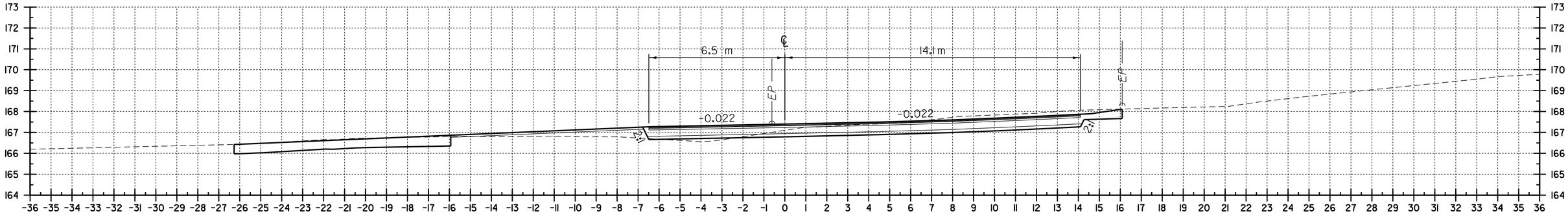
VT. RTE. 67A CROSS SECTIONS SHEET 33

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs33.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 148 OF 151 SHEETS



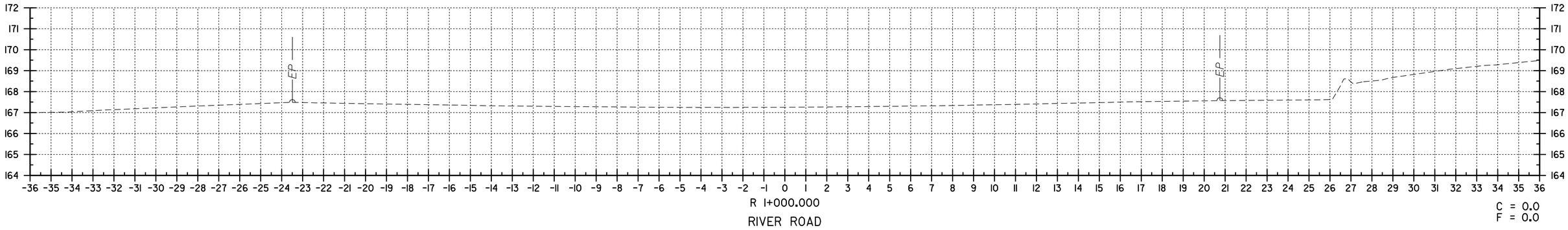
R 1+040.000
RIVER ROAD

C = 12.5
F = 4.0



R 1+020.000
RIVER ROAD

C = 15.0
F = 6.0



R 1+000.000
RIVER ROAD

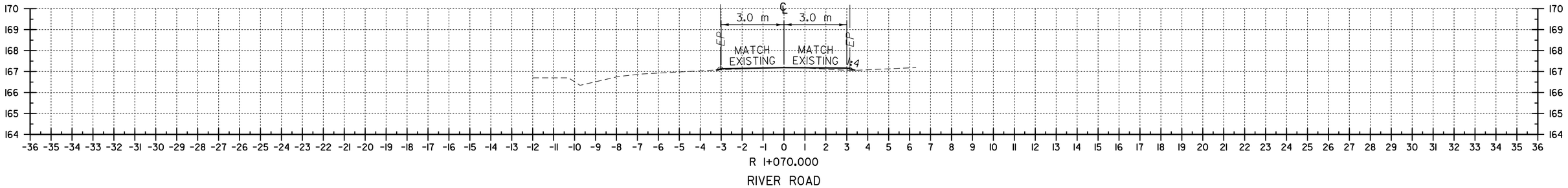
C = 0.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

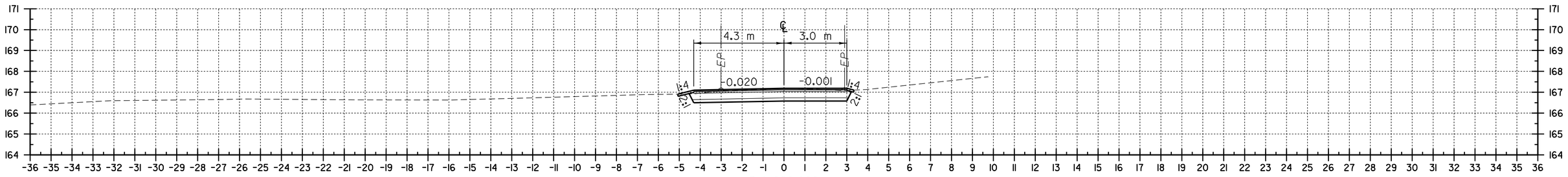
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

RIVER ROAD CROSS SECTIONS SHEET 1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs34.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 149 OF 151 SHEETS

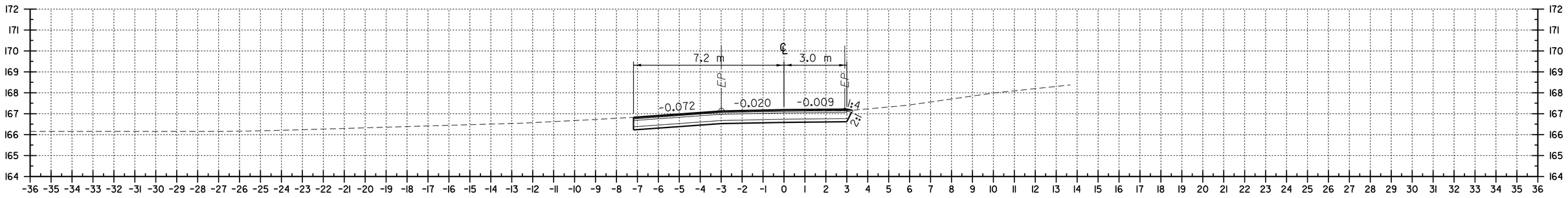


R 1+070.000
RIVER ROAD



R 1+060.000
RIVER ROAD

C = 4.0
F = 0.0



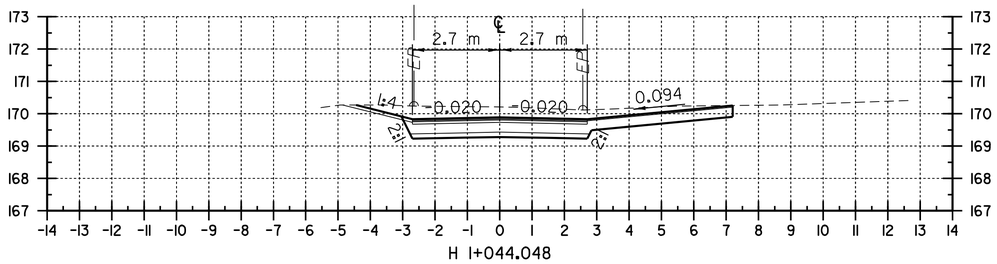
R 1+049.412
RIVER ROAD

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

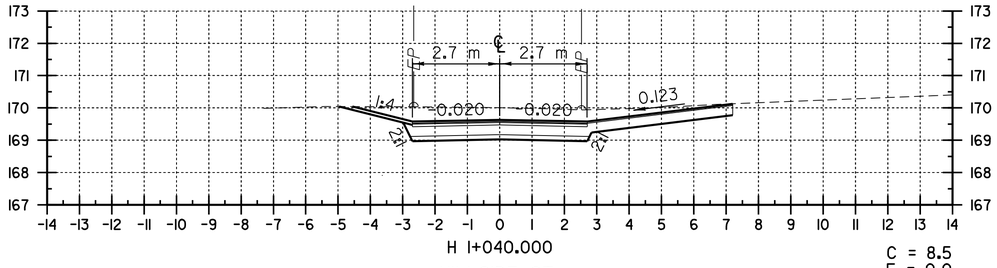
0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

RIVER ROAD CROSS SECTIONS SHEET 2

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs35.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 150 OF 151 SHEETS

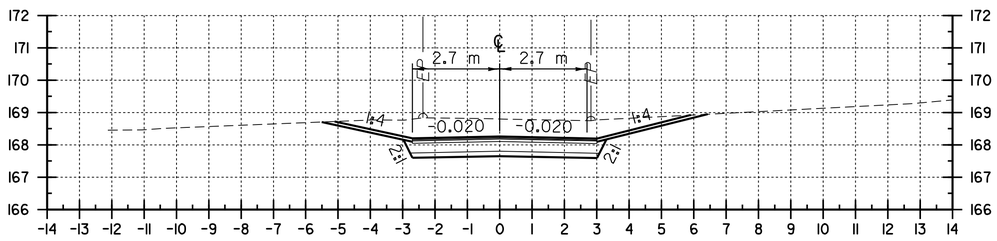


H 1+044.048
HILLSIDE ST.



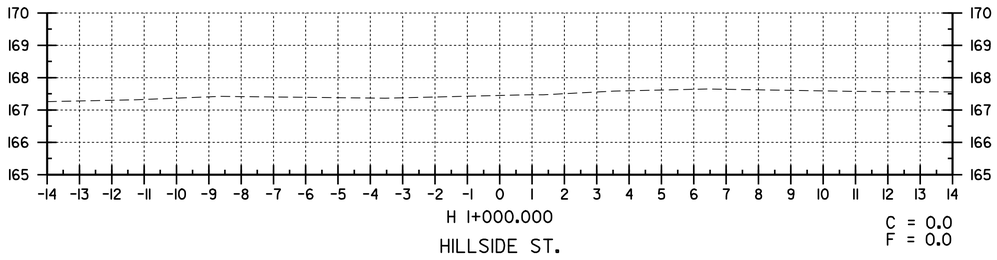
H 1+040.000
HILLSIDE ST.

C = 8.5
F = 0.0



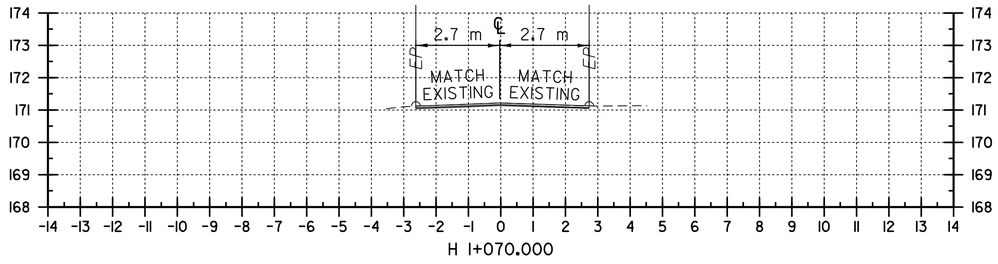
H 1+020.000
HILLSIDE ST.

C = 9.0
F = 0.0

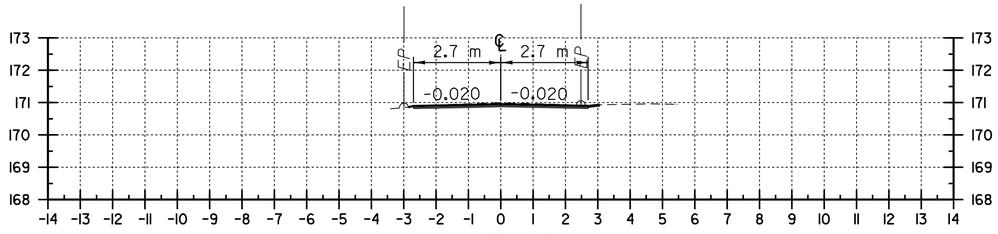


H 1+000.000
HILLSIDE ST.

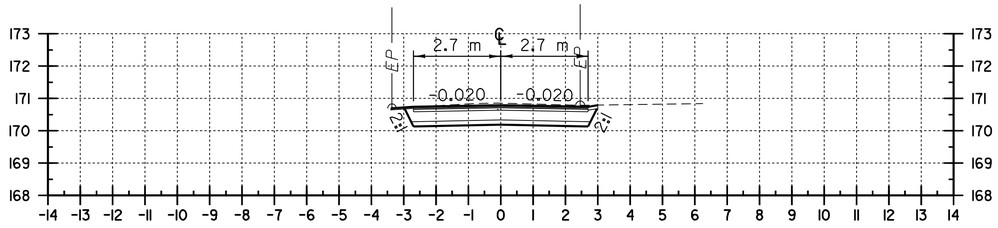
C = 0.0
F = 0.0



H 1+070.000
HILLSIDE ST.



H 1+063.738
HILLSIDE ST.



H 1+060.000
HILLSIDE ST.

C = 4.0
F = 0.0

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

0 2 4 6 8 10 m
SCALE 1:100
@ FULL SCALE

HILLSIDE STREET CROSS SECTIONS SHEET 1

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04xs36.i DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 151 OF 151 SHEETS