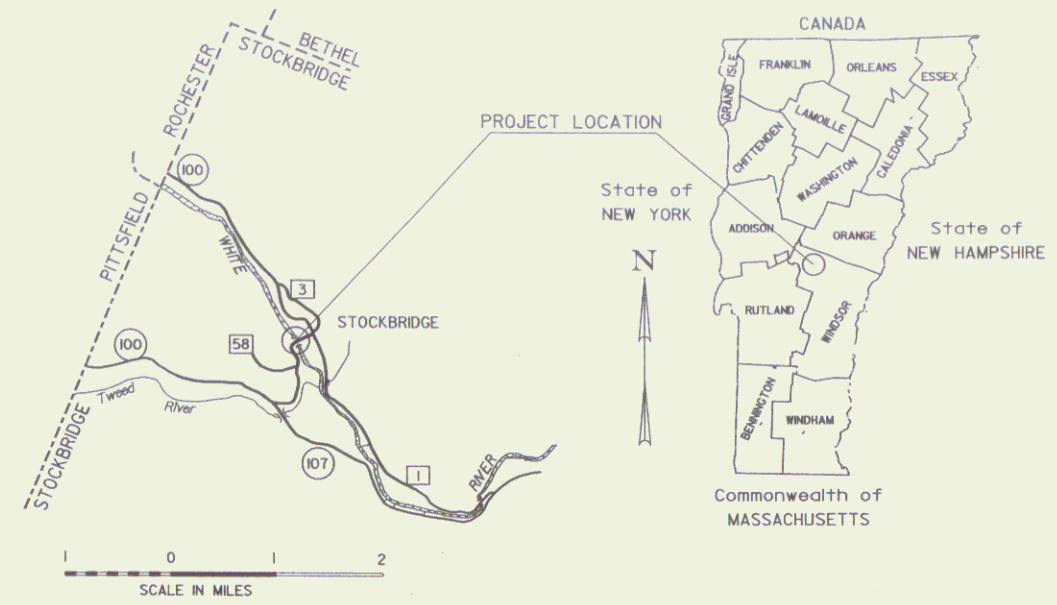


R.O.W. PLANS

STATE OF VERMONT
AGENCY OF TRANSPORTATION



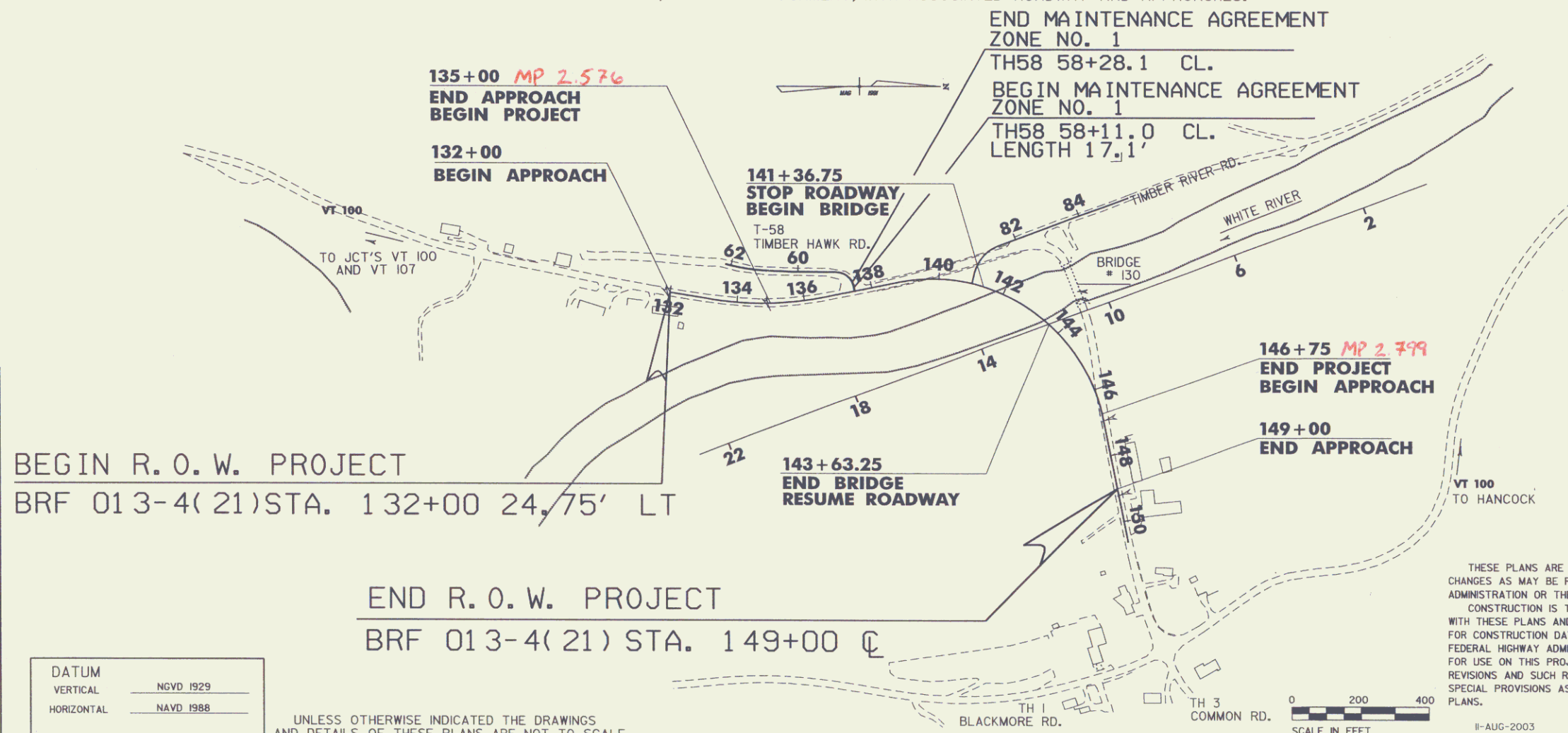
PROPOSED IMPROVEMENT
TOWN OF STOCKBRIDGE
COUNTY OF WINDSOR
VT. ROUTE 100 (MINOR ARTERIAL)



BEGINNING IN STOCKBRIDGE AT A POINT 2.577 MILES NORTHERLY OF THE PITTSFIELD - STOCKBRIDGE TOWNSHIP LINE AND EXTENDING NORTHERLY ALONG VT ROUTE 100 FOR A DISTANCE OF 0.223 MILES TO MILEMARKER 2.780.

LENGTH OF ROADWAY 948.50 FEET = 0.180 MILES
LENGTH OF BRIDGE 226.50 FEET = 0.043 MILES
LENGTH OF PROJECT 1175.00 FEET = 0.223 MILES
LENGTH OF ROW PROJECT 1700.00 FEET = 0.322 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT IS THE REPLACEMENT OF BRIDGE #130, ON A NEW ALIGNMENT, WITH ASSOCIATED ROADWAY AND APPROACHES.



CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---o---o---
POINT OF ACCESS	X
FENCE LINE	x-x-x-x-x
STONE WALL	o-o-o-o-o-o-o-o
TRAVELED WAY	=====
GUARD RAIL	o-o-o-o-o-o-o-o
RAILROAD	
SURVEY LINE	---
CULVERT	---
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	⊕
CONTROL OF ACCESS	///
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	---SR---
TOP OF CUT	△
TOE OF SLOPE	○

BEGIN R. O. W. PROJECT
BRF 013-4(21) STA. 132+00 24.75' LT

END R. O. W. PROJECT
BRF 013-4(21) STA. 149+00 CL

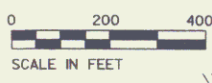
DATUM

VERTICAL	NGVD 1929
HORIZONTAL	NAVY 1988

UNLESS OTHERWISE INDICATED THE DRAWINGS AND DETAILS OF THESE PLANS ARE NOT TO SCALE

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

8-AUG-2003
\\vso01-cadd\fillingcabinet\178f238\RightOfWay\178f238zz.dwg



Pin # 78F238

THE FOLLOWING RIGHT OF WAY PLAN SHEETS PERTAIN DIRECTLY TO THE ACQUISITION OF LAND AND RIGHTS NECESSARY TO CONSTRUCT THIS TRANSPORTATION PROJECT. SHEETS REGARDING SPECIFIC CONSTRUCTION DETAILS ARE NOT INCLUDED IN THIS RECORDED SET.

APPROVED	DAVID J. SCOTT	DATE	3/22/01
	Director of Project Development		
APPROVED	ALLEN N. BLAKE	DATE	3/22/01
	Chief of Right of Way		
STOCKBRIDGE			
BRF 013-4(21)			
R.O.W. SHEET	1	OF	17 SHEETS

TYPICAL SECTIONS

- 4 1/2" BITUMINOUS CONCRETE PAVEMENT (1 3/4" TYPE III OVER 2 3/4" TYPE II)
- 3 1/2" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT TYPE I (LIFT)
- 2" SUBBASE OF DENSE GRADED CRUSHED STONE
- SHOULDERS: 4 1/2" BITUMINOUS CONCRETE PAVEMENT (1 3/4" TYPE III OVER 2 3/4" TYPE II)
- 18" SAND BORROW

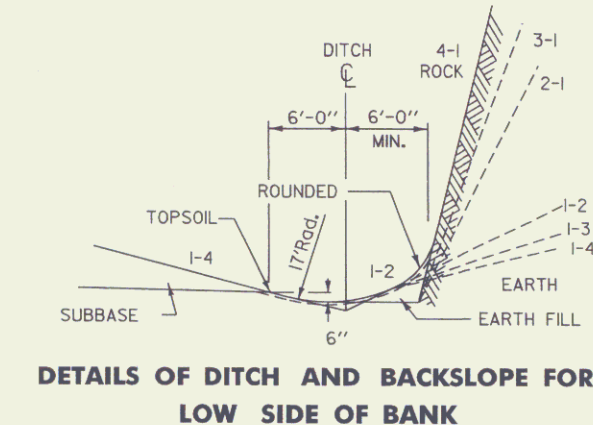
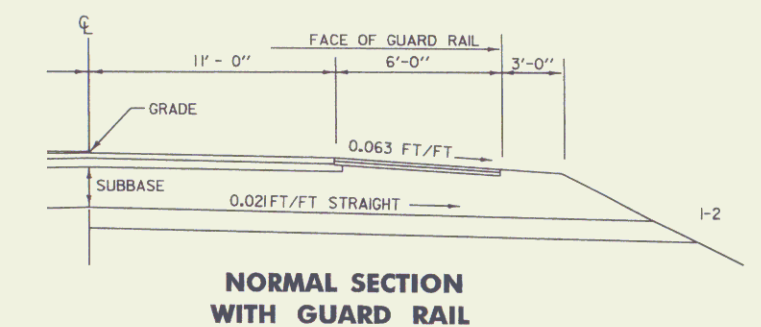
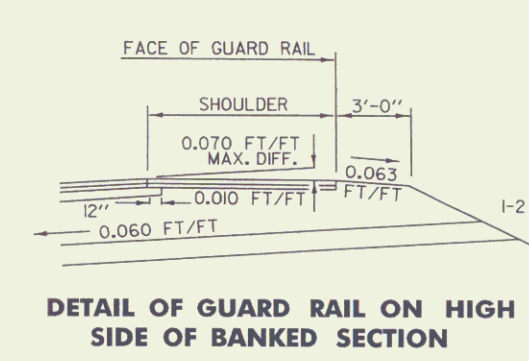
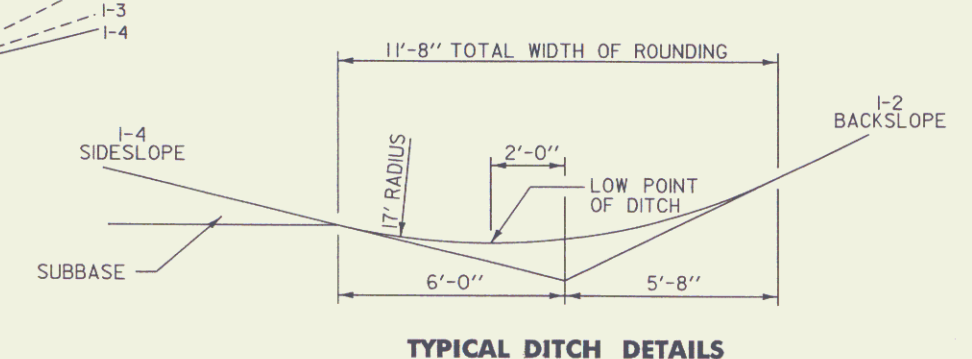
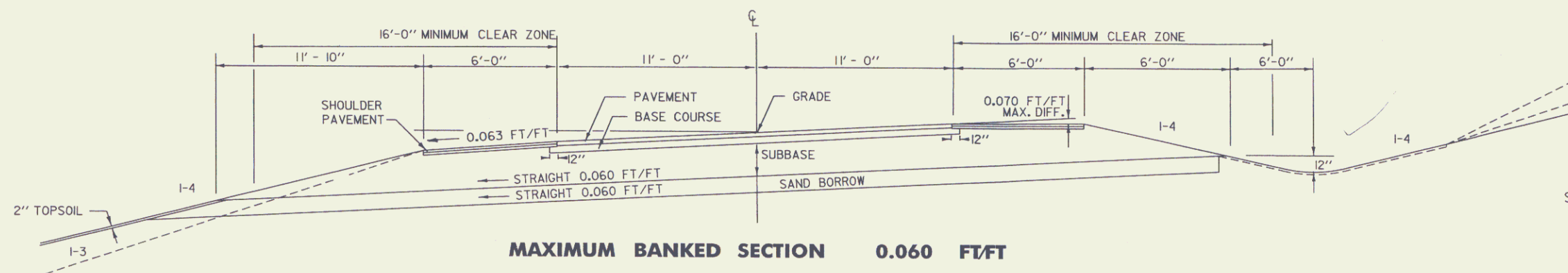
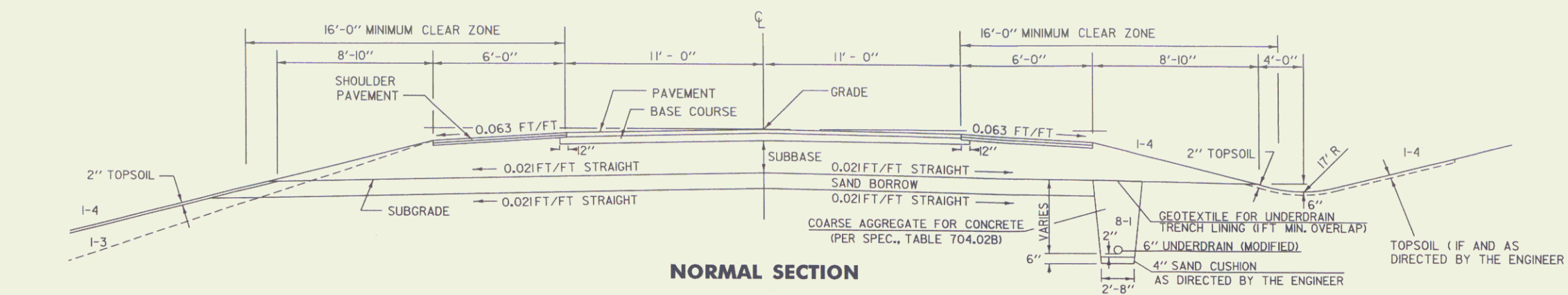
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4"
SUBBASE	± 1"
SAND BORROW	± 1"

SEEDING FORMULA RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDFOOT TREFLOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

GENERAL NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).
- AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.
- SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.
- PAY LIMITS OF SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN - SEE STANDARD SHEET D - 2.
- TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.



MAINLINE TYPICAL SECTIONS

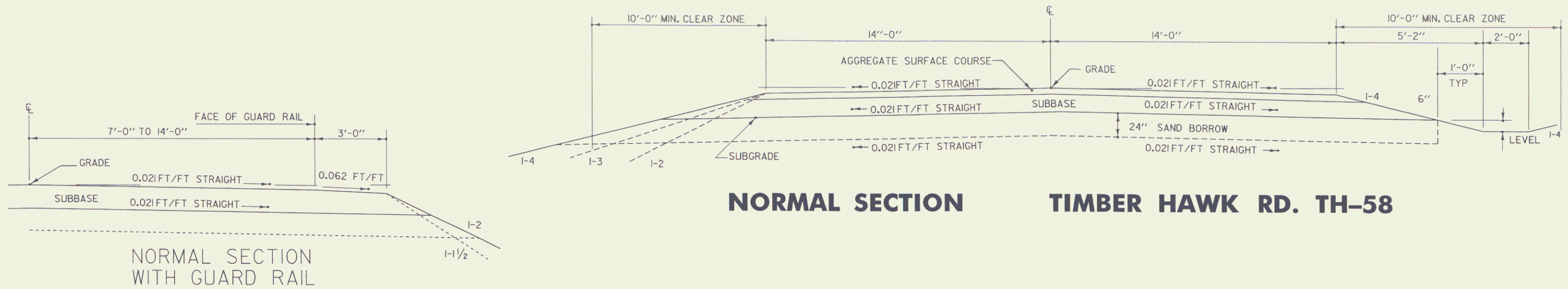
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DRAWN BY	STR5	DATE	8/92
SQUAD LEADER	C. KELLER		
DESIGN FILE NO.	/str5/78f230/df2382d.dgn		
PARM FILE	df238typj	DATE PLOTTED	28-FEB-2001
PROJ. NAME	STOCKBRIDGE		
PROJ. NO.	BRF 013-4 (21)		
R. O. W.	SHEET 2 OF 17 SHEETS		

REFERENCES: STANDARD - A62

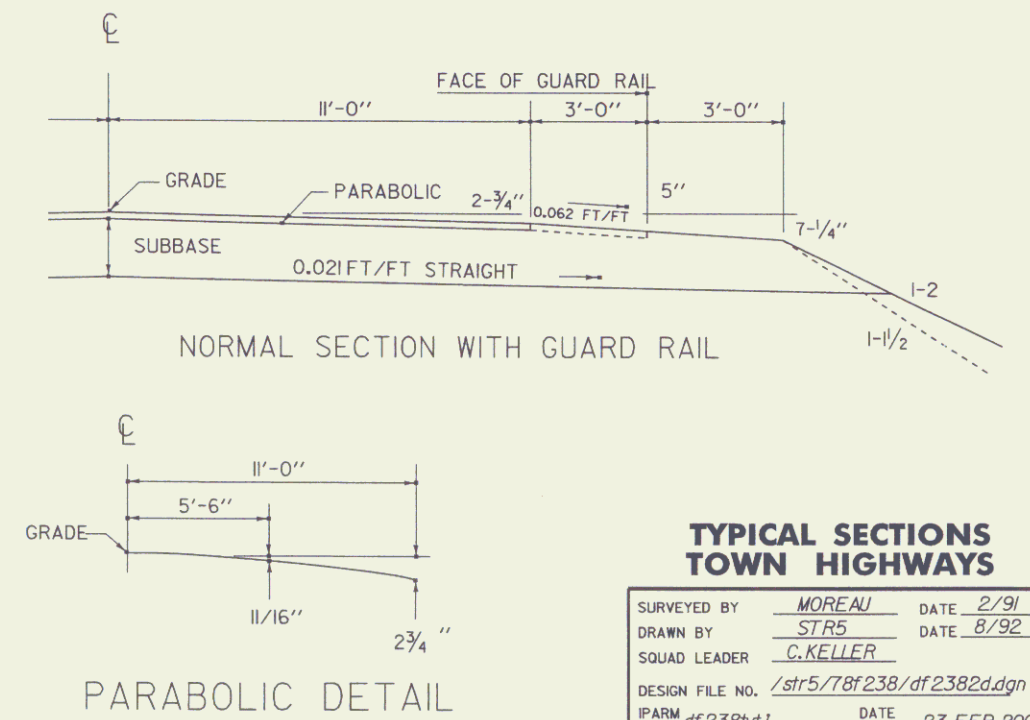
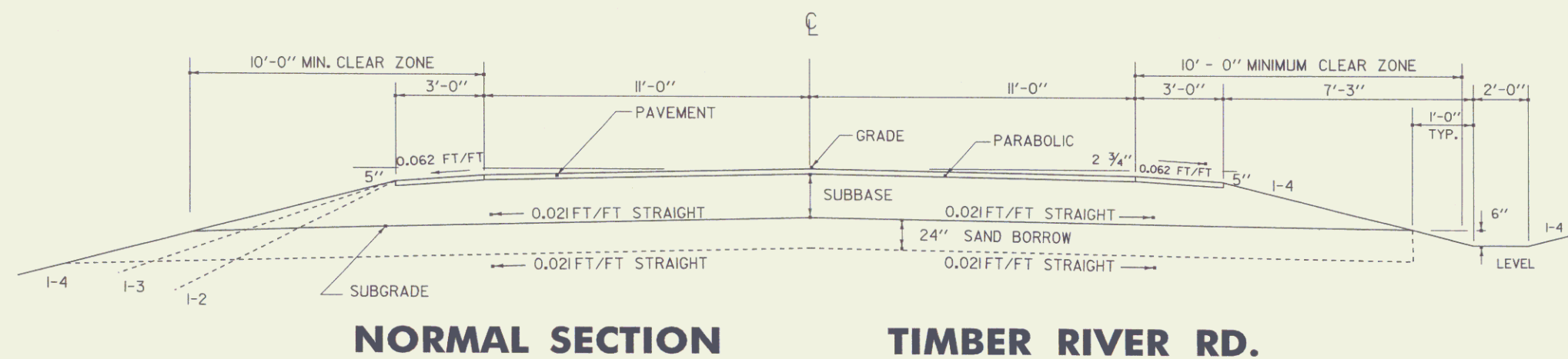
TYPICAL SECTIONS - TOWN HIGHWAYS

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	$\pm \frac{1}{4}$ "
SUBBASE	$\pm \frac{1}{2}$ "
SAND BORROW	$\pm \frac{1}{2}$ "

- 3" AGGREGATE SURFACE COURSE
- 12" SUBBASE
- 24" SAND BORROW IF AND AS DIRECTED BY THE ENGINEER



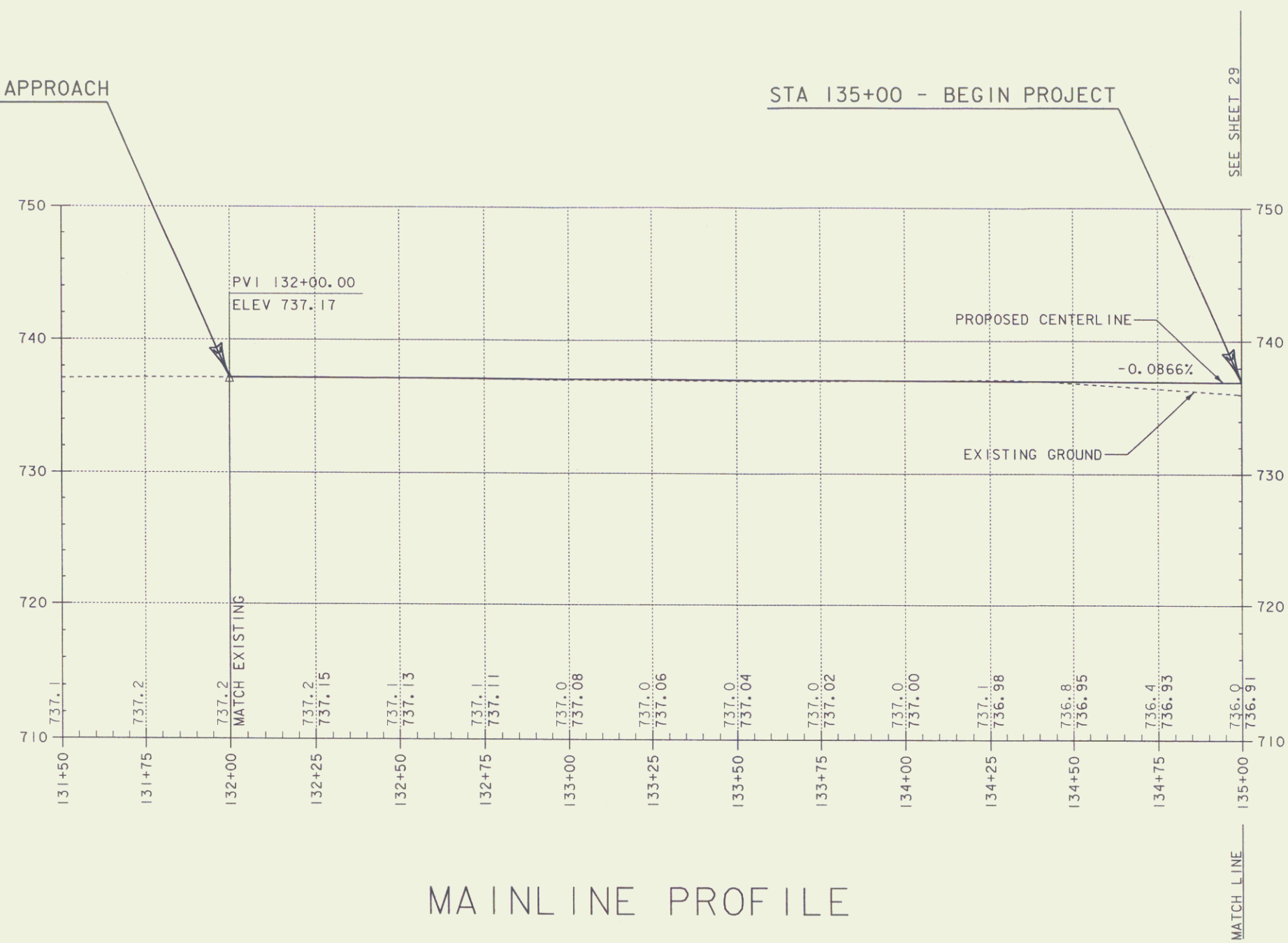
- STA 80+17 - 84+00 4 1/2" BITUMINOUS CONCRETE PAVEMENT (1 3/4" TYPE III OVER 2 3/4" TYPE II)
- STA 84+00 - 84+75 3" AGGREGATE SURFACE COURSE
- 18" SUBBASE
- 24" SAND BORROW IF AND AS DIRECTED BY THE ENGINEER
- SHOULDERS 4 1/2" BITUMINOUS CONCRETE PAVEMENT (1 3/4" TYPE III OVER 2 3/4" TYPE II)



TYPICAL SECTIONS TOWN HIGHWAYS	
SURVEYED BY	MOREAU DATE 2/91
DRAWN BY	STR5 DATE 8/92
SQUAD LEADER	C. KELLER
DESIGN FILE NO.	/str5/78f238/df2382d.dgn
FILE	df238y1j DATE PLOTTED 23-FEB-2001
PROJ. NAME	STOCKBRIDGE
PROJ. NO.	BRF 013-4 (21)
R. O. W.	SHEET 3 OF 17 SHEETS

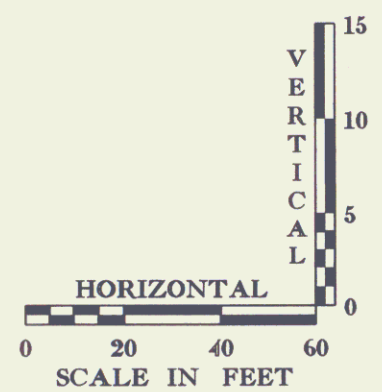
STA 132+00 - BEGIN APPROACH

STA 135+00 - BEGIN PROJECT



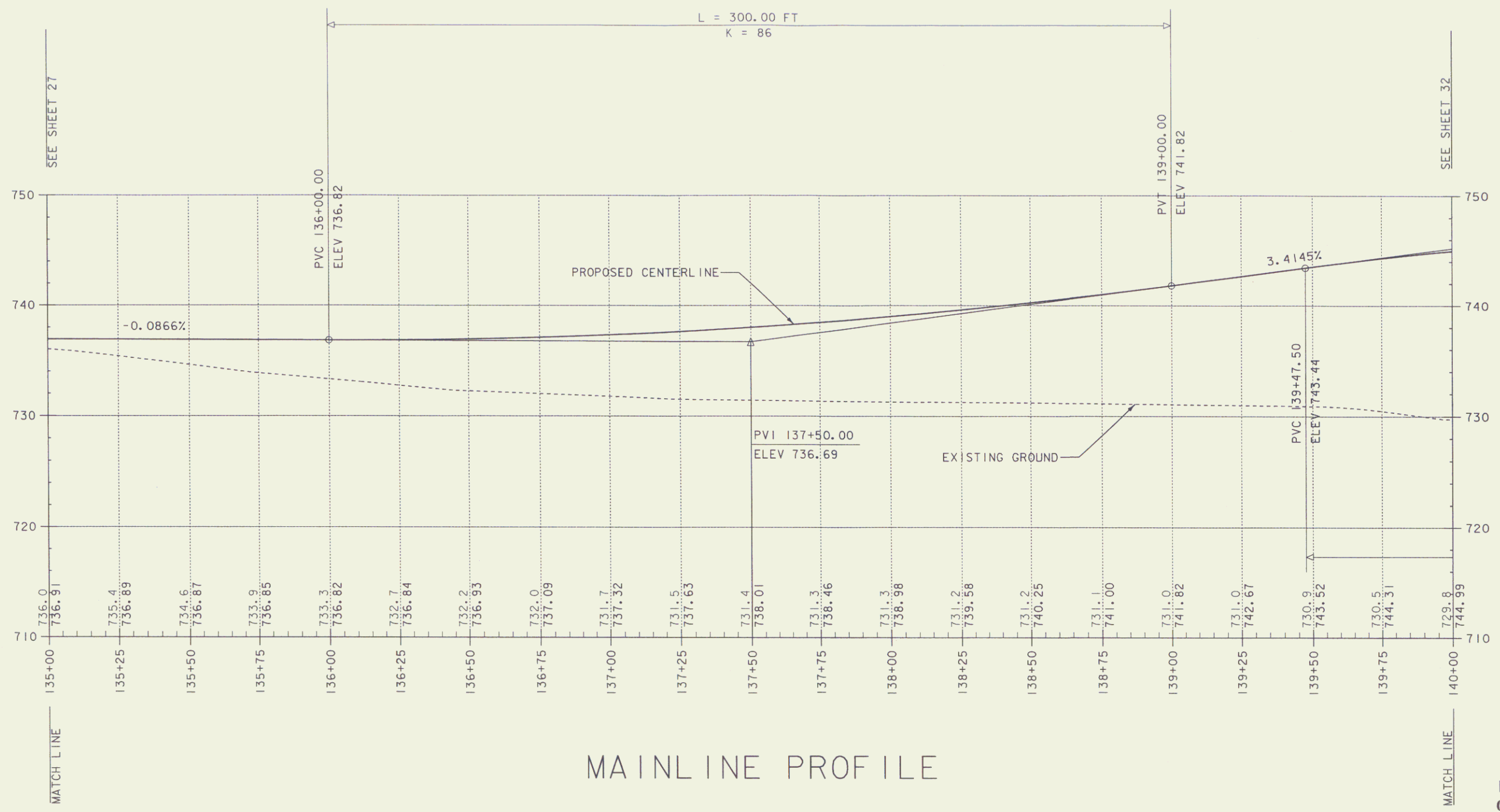
MAINLINE PROFILE

THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.



PROFILES

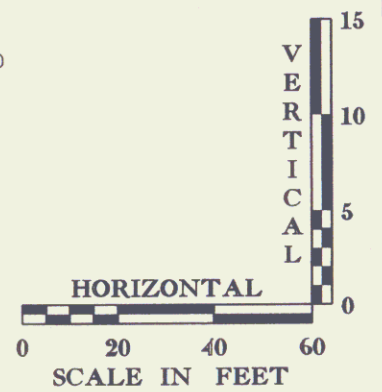
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PROJECT NUMBER: BRF 013-4(21)
FILE NAME: df238p01.l PLOT DATE: 28-FEB-2001
PROJECT LEADER: C. KELLER DRAWN BY: M. FOWLER
DESIGNED BY: B. NYQUIST CHECKED BY: M. FOWLER
R. O. W. SHEET 4 OF 17 SHEETS

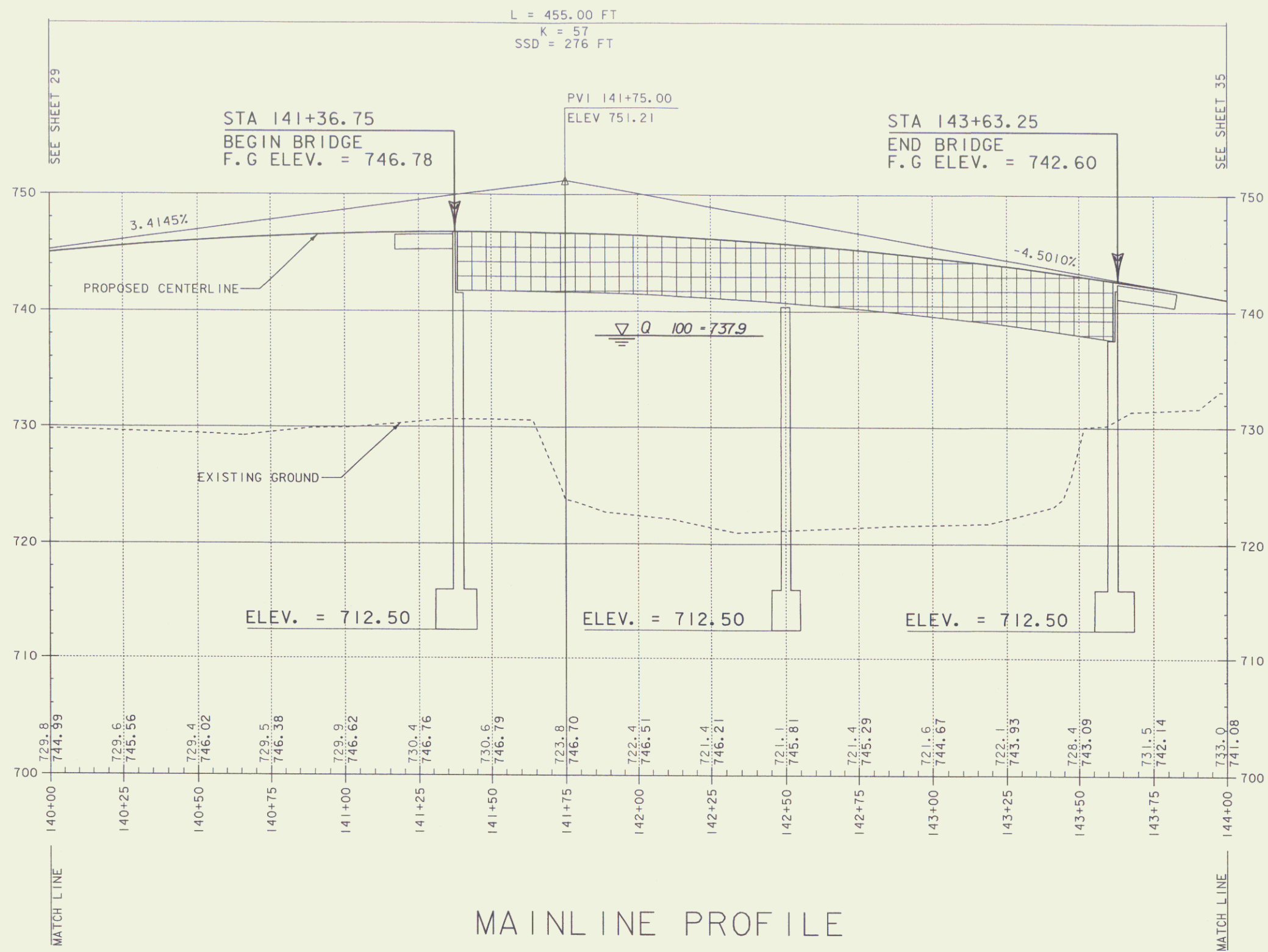


MAINLINE PROFILE

THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROFILES	
PROJECT NAME:	STOCKBRIDGE
PROJECT NUMBER:	BRF 013-4(2)
FILE NAME:	d:\238p02.1
PROJECT LEADER:	C. KELLER
DESIGNED BY:	B. NYQUIST
PLOT DATE:	28-FEB-2001
DRAWN BY:	M. FOWLER
CHECKED BY:	M. FOWLER
R. O. W. SHEET 5 OF 17 SHEETS	



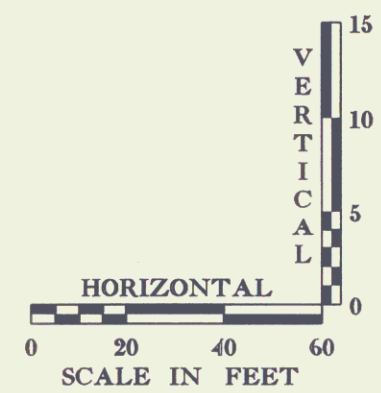


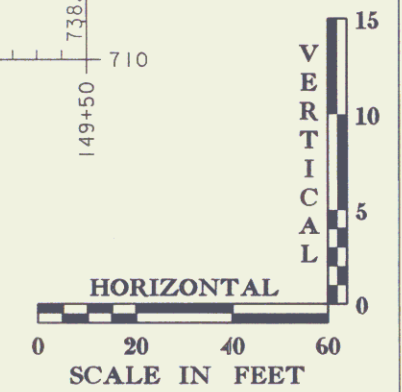
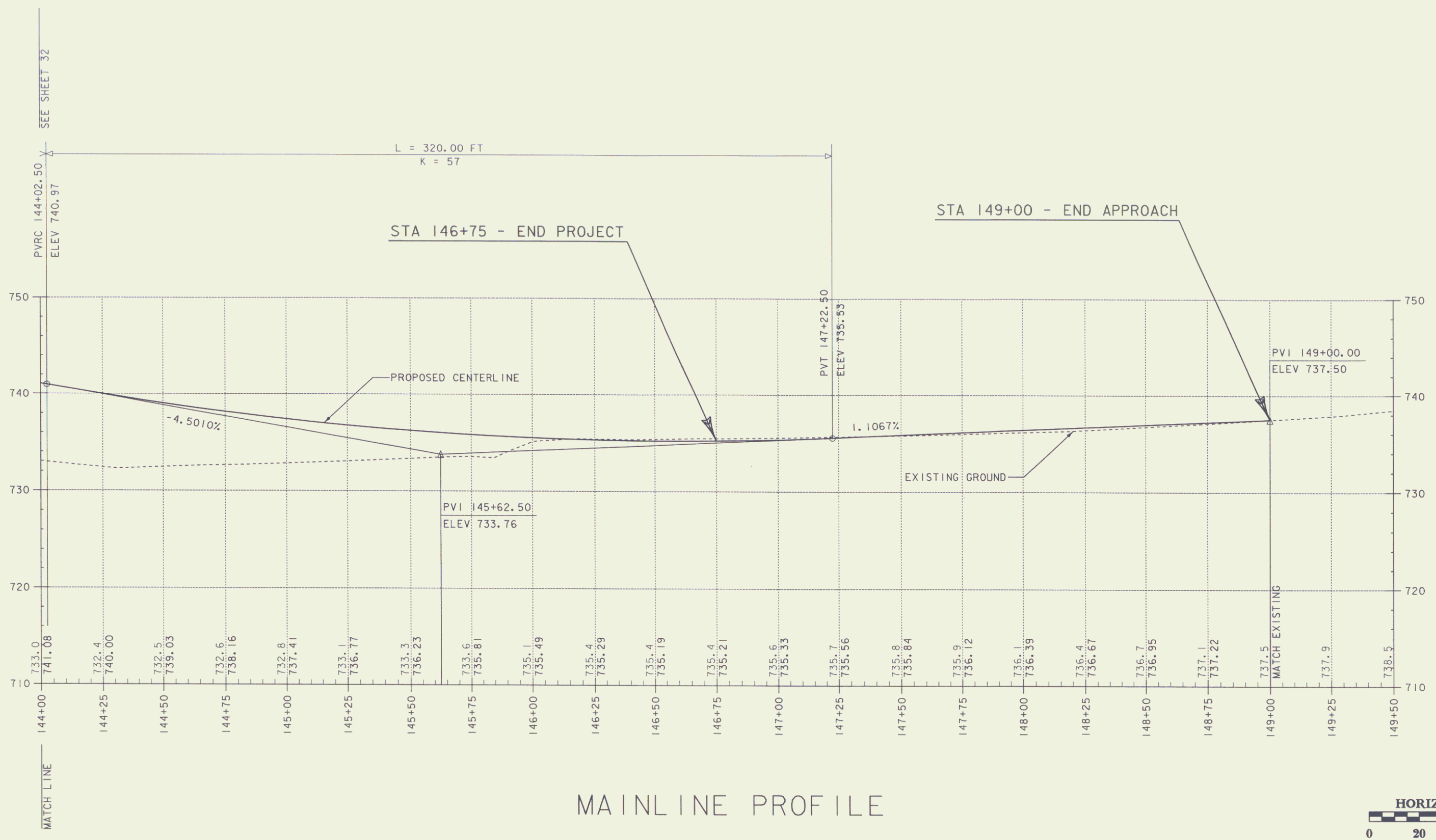
MAINLINE PROFILE

THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROFILES

PROJECT NAME:	STOCKBRIDGE	PLOT DATE:	28-FEB-2001
PROJECT NUMBER:	BRF 013-4(21)	DRAWN BY:	M. FOWLER
FILE NAME:	d#238p03.J	CHECKED BY:	M. FOWLER
PROJECT LEADER:	C. KELLER		
DESIGNED BY:	B. NYQUIST		
R. O. W. SHEET 6 OF 17 SHEETS			

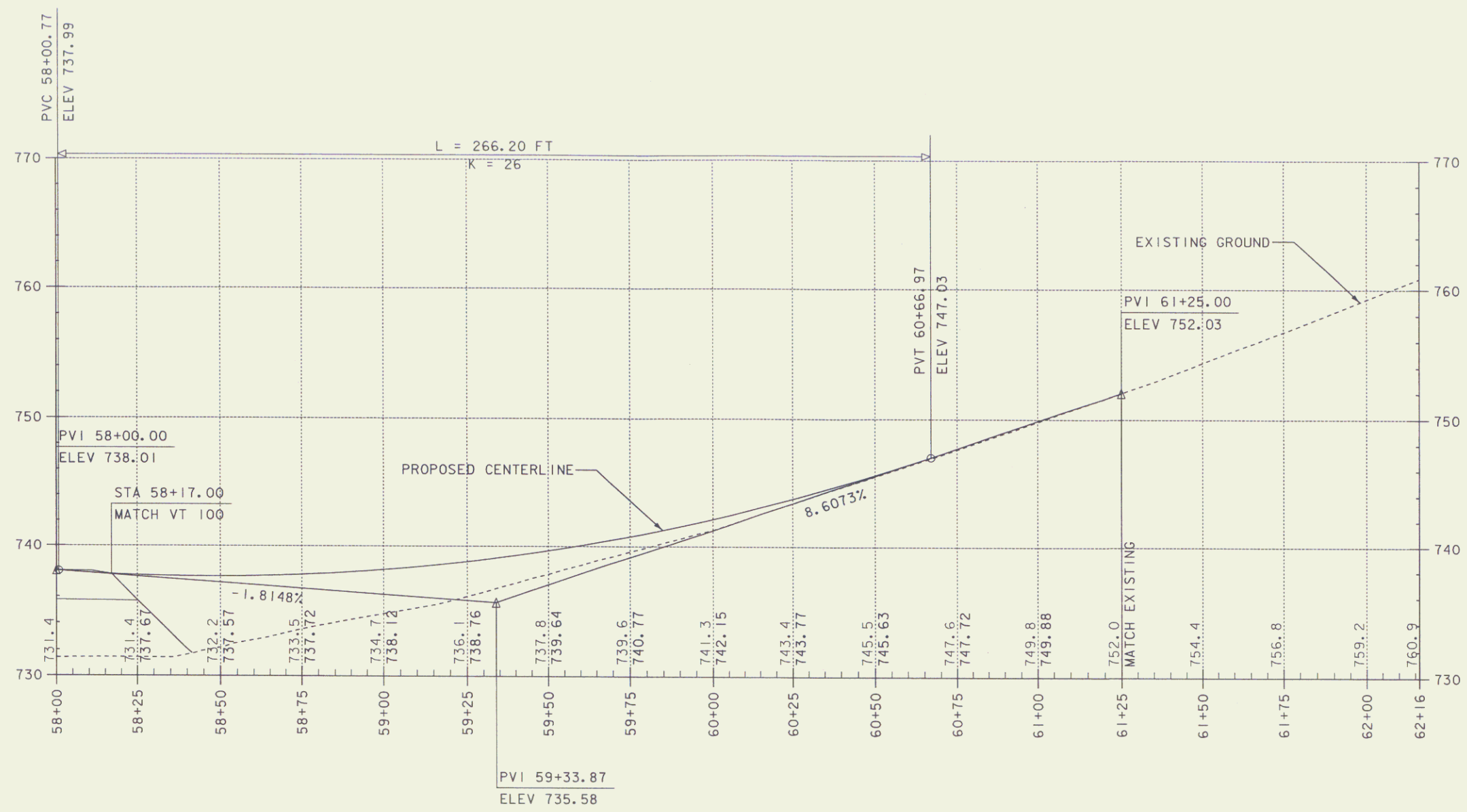




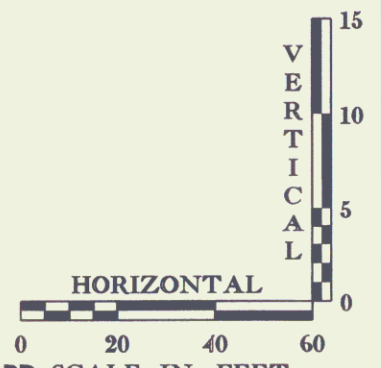
THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROFILES

PROJECT NAME:	STOCKBRIDGE	PLOT DATE:	28-FEB-2001
PROJECT NUMBER:	BRF 013-4(21)	DRAWN BY:	M. FOWLER
FILE NAME:	df238p04.1	DESIGNED BY:	B. NYQUIST
		CHECKED BY:	M. FOWLER
R. O. W. SHEET 7 OF 17 SHEETS			



TH-58 TIMBER HAWK ROAD

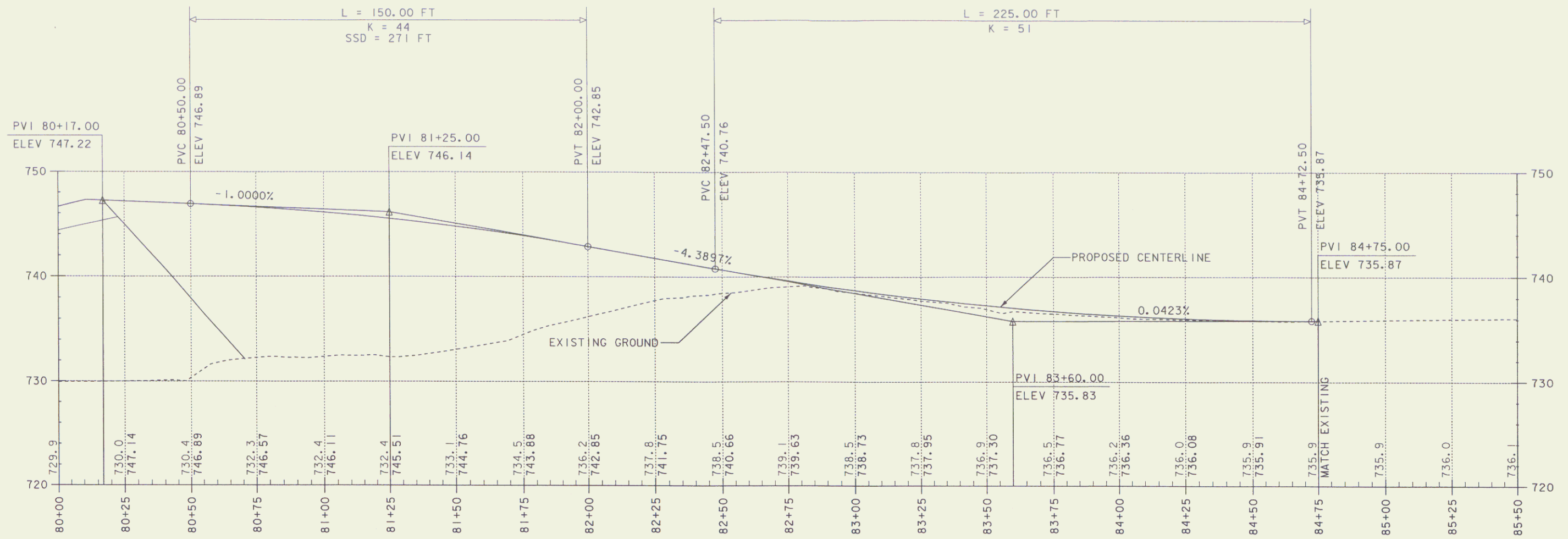


THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROFILE TIMBER HAWK RD SCALE IN FEET

PROJECT NAME:	STOCKBRIDGE	PLOT DATE:	28-FEB-2001
PROJECT NUMBER:	BRF 013-4(21)	DRAWN BY:	M. FOWLER
FILE NAME:	df238p+11	DESIGNED BY:	B. NYQUIST
PROJECT LEADER:	C. KELLER	CHECKED BY:	M. FOWLER
R. O. W. SHEET 8 OF 17 SHEETS			





TIMBER RIVER ROAD PROFILE

THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROFILE TIMBER RIVER RD SCALE IN FEET

PROJECT NAME:	STOCKBRIDGE	PLOT DATE:	28-FEB-2001
PROJECT NUMBER:	BRF 013-4(21)	DRAWN BY:	M. FOWLER
FILE NAME:	d:\238pr1.j	CHECKED BY:	M. FOWLER
PROJECT LEADER:	C. KELLER		
DESIGNED BY:	B. NYQUIST		
R. O. W. SHEET 9 OF 17 SHEETS			

PRELIMINARY INFORMATION SHEET

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3.	TIE SHEET	E-193	PAVEMENT MARKING DETAILS	8/18/95
4 - 6	TYPICAL SHEETS	E-197	DELINEATOR PLACEMENT TYPICAL	8/18/95
7 - 8	QUANTITY SHEET	E-198	DELINEATORS AND MILEPOSTS	4/14/97
9	ITEM DETAIL SHEET	E-199	DELINEATOR AND MILEPOST MOUNTING ON BRIDGE RAIL	8/18/95
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11	EARTHWORK SHEET	G-1	STEEL BEAM GUARDRAIL (50MPH & OVER)	6/1/94
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26 - 35	PLAN AND PROFILE SHEETS			
36	BLANK			
37 - 44	BORING SHEETS			
45	PLAN AND ELEVATION SHEET	G-10	STEEL BEAM GUARDRAIL (40MPH & LESS)	6/1/94
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50	MATERIAL TRANSITION AND BANKING DIAGRAM DETAIL SHEET			
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68 - 70	TH #68 CROSS SECTIONS	G-18	ANCHOR FOR STEEL BEAM RAIL	6/1/94
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75 - 76	PARKING AREA CROSS SECTIONS			
77 - 88	CHANNEL CROSS SECTIONS	J-1	PROJECT AND BOUNDARY MARKERS	6/1/94
		J-3	MAILBOX SUPPORT DETAILS	8/7/95
		T-1	TEMPORARY EROSION CONTROL DETAILS	6/1/94
		T-2	TEMPORARY EROSION CONTROL DETAILS	6/1/94
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B-11	UNDERDRAIN - ROCK SUBGRADE, SLOPE STABILIZ.	6/1/94		
B-71	RESIDENTIAL AND COMMERCIAL DRIVES	3/10/95		
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BR2-97	NETC BRIDGE RAIL	8/6/98		
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	REINFORCED CONCRETE HEADWALL			
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	TYPICAL WATERFALL FOR CULVERTS UP TO AND INCLUDING 48" DIA			
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	CORRUGATED PIPE ELBOW			
	GRANULAR BORROW AT CULVERT LOCATIONS			
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	CORRUGATED STEEL PIPE END SECTION			
	CORRUGATED STEEL PIPE ARCH END SECTION			
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	CAST IRON GRATE, TYPE C			
	UNDERDRAIN RISER			
	REINFORCED CONCRETE PIPE END SECTION			
	ENERGY DISSIPATOR FOR CULVERT			
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E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	1/6/97		
E-101	CONSTRUCTION SIGN DETAILS	3/10/97		
E-102	CONSTRUCTION SIGN DETAILS	8/8/95		
E-102A	CONSTRUCTION SIGN DETAILS	8/8/95		
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	8/8/95		
E-107	DELINEATION, BARRICADES AND DETOURS FOR U-TURNS ON DIVIDED HIGHWAY	8/8/95		
E-107A	BREAKAWAY BARRICADE DETAILS	8/8/95		
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	8/18/95		
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	8/8/95		
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	8/8/95		
E-126	TYPICAL FREEWAY INTERCHANGE SIGNING	4/21/97		
E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	8/8/95		
E-134	BRIDGE NUMBER PLaque	8/8/95		
E-136B	STATE ROUTE MARKER SIGN DETAILS	8/8/95		
E-138	MILEMARKER DETAILS - STATE & TOWN HIGHWAYS	8/8/95		
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E-143	REGULATORY SIGN DETAILS	9/20/95		
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E-145A	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12/23/94		
E-145B	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12/23/94		
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E-152	WARNING SIGN DETAILS	8/8/95		
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E-154	WARNING SIGN DETAILS	8/8/95		
E-155	WARNING SIGN DETAILS	8/8/95		
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E-163	TUBULAR STEEL SIGN POST	8/18/95		
E-164	SQUARE STEEL SIGN POST	8/18/95		

FINAL HYDRAULIC REPORT

HYDROLOGIC DATA Date: 7/16/99

DRAINAGE AREA: 143 sq mi
 CHARACTER OF TERRAIN: Mountainous, rolling hills to farm lands
 STREAM CHARACTERISTICS: Perennial, medium size, moderate relief, straight
 NATURE OF STREAMBED: Gravel to cobble bottom

PEAK FLOW DATA

Q 2.33 =	5600 cfs	Q 50 =	21000 cfs
Q 10 =	12300 cfs	Q 100 =	25000 cfs
Q 25 =	17000 cfs	Q 500 =	36000 cfs

DATE OF FLOOD RECORD: November, 1927
 ESTIMATED DISCHARGE: Unknown
 WATER SURFACE ELEV.: Unknown
 NATURAL STREAM VELOCITY: @ Q50 = 8.2 cfs
 ICE CONDITIONS: Moderate
 DEBRIS: Moderate
 DOES THE STREAM REACH MAXIMUM HIGH-WATER ELEV. RAPIDLY? No
 IS ORDINARY RISE RAPID? No
 IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? No
 IF YES, DESCRIBE:

WATERSHED STORAGE: 1% HEADWATERS:
 UNIFORM: X
 IMMEDIATELY ABOVE SITE:

EXISTING STRUCTURE INFORMATION

STRUCTURE TYPE: Single Span Steel Truss Bridge
 YEAR BUILT: 1928
 CLEAR SPAN(NORMAL TO STREAM): 107 ft
 VERTICAL CLEARANCE ABOVE STREAMBED: 15 ft
 WATERWAY OF FULL OPENING: 1500 sf
 DISPOSITION OF STRUCTURE: Remove
 TYPE OF MATERIAL UNDER SUBSTRUCTURE: Unknown

WATER SURFACE ELEVATIONS AT:

Q2.33 =	730.4 ft	VELOCITY =	5.7 fps
Q10 =	733.6 ft		10.0 fps
Q25 =	737.5 ft		10.1 fps
Q50 =	738.2 ft		11.6 fps
Q100 =	739.0 ft		11.8 fps

LONG TERM STREAMBED CHANGES: None noted

IS THE ROADWAY OVERTOPPED BELOW Q100: Yes
 FREQUENCY: Below Q25
 RELIEF ELEVATION: 735.4 ft
 DISCHARGE OVER ROAD @Q100: 7000 cfs

UPSTREAM STRUCTURE

TOWN: Rochester DISTANCE: 5.5 mi
 HIGHWAY #: TH-42 STRUCTURE #: Bridge 35
 CLEAR SPAN: 121 ft (three span) CLEAR HEIGHT: 15 ft
 YEAR BUILT: 1983 FULL WATERWAY: Unknown
 STRUCTURE TYPE: Three Span Steel Beam Bridge with Concrete Deck

DOWNSTREAM STRUCTURE

TOWN: Stockbridge DISTANCE: 2.6 mi
 HIGHWAY #: TH-1 STRUCTURE #: Bridge 6
 CLEAR SPAN: 168 ft (three span) CLEAR HEIGHT: 25 ft
 YEAR BUILT: 1988 FULL WATERWAY: Unknown
 STRUCTURE TYPE: Three Span Plate Girder Bridge with Concrete Deck

LOAD FACTOR LOAD RATING (TONS)

LOADING LEVELS	TRUCK						
	H	HS	3S2	6 AXLE	SA STR.	4A STR.	SA SEM
INVENTORY	0	0	0	0	0	0	0
POSTED	0	0	0	0	0	0	0
OPERATING	0	0	0	0	0	0	0

COMMENTS: 0

TRAFFIC DATA

YEAR	ADT	DHV	% D	% T	ADTT
2004	1400	200	51	8	130
2024	1900	270	51	7	150

20 year ESAL for flexible pavement 2004 to 2024 : 1,335,000
 20 year ESAL for flexible pavement 2004 to 2044 : 3,310,000
 Design Speed: 40 km/h

PROPOSED STRUCTURE

STRUCTURE TYPE: Two Span Plate Girder Bridge with Concrete Deck

CLEAR SPAN(NORMAL TO STREAM): 130 ft
 VERTICAL CLEARANCE ABOVE STREAMBED: 19 ft
 WATERWAY OF FULL OPENING: 2200 sf

WATER SURFACE ELEVATIONS AT:

Q2.33 =	731.1 ft	VELOCITY =	4.7 fps
Q10 =	733.9 ft		8.1 fps
Q25 =	735.0 ft		10.8 fps
Q50 =	736.4 ft		12.3 fps
Q100 =	737.9 ft		13.4 fps

IS THE ROADWAY OVERTOPPED BELOW Q100: Yes
 FREQUENCY: Below Q50
 RELIEF ELEVATION: 735.6 ft
 DISCHARGE OVER ROAD @Q100: 3700 cfs

AVERAGE LOW ELEVATION OF SUPERSTRUCTURE: 739.3 ft @ pier location
 VERTICAL CLEARANCE: @ Q100 = 2.7 ft on the west side, inundated on the east side

SCOUR: Contraction Scour @ Q100=3.6 ft and Pier Scour @ Q100=7.0 ft
 Contraction Scour @ Q500=5.6 ft and Pier Scour @ Q500=7.2 ft
 REQUIRED CHANNEL PROTECTION: Type IV Stone Fill

PERMIT INFORMATION

AVERAGE DAILY FLOW: 300 cfs DEPTH OR ELEVATION:
 ORDINARY LOW WATER: 130 cfs 1 ft
 ORDINARY HIGH WATER: 2400 cfs 3 ft

TEMPORARY BRIDGE REQUIREMENTS

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

ADDITIONAL INFORMATION

The existing bridge will be removed once new bridge is completed and the roadway approaches will be excavated and graded to match up and downstream channel banks.

DESIGN CRITERIA

- DESIGN LIVE LOAD AASHTO HS-25
- DESIGN SPAN
- ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL ON LEDGE
- ALLOWABLE LOAD FOR PILING TYPE
- ESTIMATED LENGTH
- STRUCTURAL STEEL AASHTO GRADE
- REINFORCING STEEL GRADE 60
- CONCRETE CLASS A f'c : 4000 psi
- CONCRETE CLASS B f'c : 3500 psi
- SILICA - FUME CONCRETE f'c : 5000 psi
- SOIL UNIT WEIGHT 140 pcf
- DESIGN LOAD FOR SPREAD FOOTINGS ON SOIL

TRAFFIC MAINTENANCE

1. IS TRAFFIC TO BE MAINTAINED? YES
 IF YES, ON EXISTING STRUCTURE EXISTING STRUCTURE
 OR ON TEMPORARY BRIDGE

2. TEMPORARY BRIDGE REQUIREMENTS: ONE OF TWO WAY
 TRAFFIC CONTROL SIGNALS REQUIRED NO
 MINIMUM CLEAR SPAN (NORMAL TO STREAM):
 WATERWAY OF FULL OPENING:
 VERTICAL CLEARANCE ABOVE STREAMBED:
 ARE SIDEWALKS REQUIRED? NO
 IF SO, ON WHAT SIDE?
 STRUCTURE TYPE:

PROJECT NAME: STOCKBRIDGE
 PROJECT NUMBER: BRF 013-4(21)
 FILE NAME: str57823@df230pl.s PLOT DATE: 5/5/00
 PROJECT LEADER: C. KELLER DRAWN BY: B. NYQUIST
 DESIGNED BY: B. NYQUIST CHECKED BY: M. FOWLER
 PRELIMINARY INFORMATION SHEET R.O.W. SHEET 11 OF 17 SHEETS

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

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1A	FORBES, R. JEFFREY	14,15	133+02.5 RT. 133+02.5 RT.	135+06.0 RT. 135+06.2 RT.	1024 S.F. ±		CONST. (T) 0.07A±			STOCKBRIDGE			INCLUDES EROSION CONTROL, 2954 S.F. ±	1	13	ADD TWO UTILITIES TO PROJECT. VERIZON NEW ENGLAND, INC. AND ROCHESTER ELECTRIC LIGHT & POWER CO. PER C.O. 9306.	06-26-03	M. J. R.	R. P. D.
			134+81.3 RT.	135+06.3 RT.			SLOPE (T) 46 S.F. ±							2	12	PARCEL NO. 1B FORBES. CHANGE ENDING STA. OF ALL R.T. & I. FROM 135+06.0 CL. TO 135+05.6 RT. PER C.O. 9309.	08-11-03	M. J. R.	R. P. D.
1B		14,15	133+02.5 CL.	135+05.6 RT.	0.11A±		ALL R. T. & I.						ROUTE 100 HWY. EASE.	3	12,15	PARCEL NO. 2 TIMBER HAWK OWNERS ASSOCIATION INC. MOVE TAKING TO FIRST LINE OF PARCEL 2A. MOVE SQUARE FOOTAGE OF 4,329 TO CORRECT LINE. REMOVE ALL R.T. & I. FROM PARCEL 2A AND MAKE IT PARCEL 2F. PER C.O. 9310.	08-11-03	M. J. R.	R. P. D.
2A	TIMBER HAWK OWNERS ASSOCIATION INC.	14,15	135+00.0 LT. 133+55.1 LT. 133+77.9 LT. 136+20.0 LT. 136+75 LT.	137+16.8 LT. 136+91.0 LT. 137+14.5 LT. 136+70.0 LT.	345 S.F. ±		CONST. (T) 1712 S.F. ± SLOPE (T) 0.10A± CULVERT (P) CULVERT (P)	QCD	06-23-04	STOCKBRIDGE	64	330-332	INCLUDES EROSION CONTROL, 4329 S.F. ±	4	16	PARCEL NO. 3 UNITED STATES OF AMERICA. ADD A LINE THAT IS PARALLEL TO THE CENTERLINE AND IS BETWEEN STA. 141+42.8 AND 142+43.6 CHANGE THE OFFSET DISTANCE FROM 190.4' TO 139.8' ON THE FLAG LOCATED AT STA. 143+40.8 PER C.O. 9311.	08-11-03	M. R. R.	R. P. D.
2B		15,16	135+05.6 RT. 135+06.0 RT. 135+06.2 RT. 136+70.0 RT. 137+49.0 RT. 137+90 RT. 140+45 RT. 140+74.3 RT. 140+79.9 RT.	142+00.9 LT. 140+94.0 RT. 140+79.9 RT. 136+75 RT. 140+94.0 RT. 140+94.0 RT. 140+94.0 RT. 141+42.8 RT.	0.27A±		SLOPE (P) 0.17A± CONST. (T) 0.16A± CUL., DIT. & DR. (P) 35 S.F. ± REMOVE (T) CUL., DIT. & DR. (P) 18 S.F. ± CUL., DIT. & DR. (P) 18 S.F. ± REMOVE (T) CHANNEL (P) 976 S.F. ±						INCLUDES EROSION CONTROL CULVERT CULVERT	5	13	PARCEL NO. 4 GREEN. MOVE THE TAKING TO THE FIRST LINE. CHANGE ENDING STATION OF TAKE ON PARCEL NO. 4A FROM STA. 147+50.0 RT. TO STA. 149+00.0 RT. PER C.O. 9312.	08-11-03	M. J. R.	R. P. D.
			137+71.5 LT. TH 58 59+33.3 RT. TH 58 59+07.5 RT. 137+90.0 LT. 140+45 LT. TRR 80+51.7 LT.	138+89.6 LT. 140+55.9 LT. 140+39.9 LT. 140+45 LT. TRR 82+56.3 LT.	176.0 S.F. ±		CONST. (T) 2033 S.F. ± SLOPE (T) 0.12A± CUL., DIT. (P) CUL. (P) DRIVE (T)						INCLUDES EROSION CONTROL	7	13	PARCEL NO. 3 UNITED STATES OF AMERICA. CHANGE THE BEGINNING STATION OF THE DRIVE RIGHT FROM TRR 82+00.0 CL TO TRR 81+55.9 RT.	09-08-03	G. J. F.	R. P. D.
	*TRR = TIMBER RIVER RD		TRR 81+02.0 LT. TRR 82+00.0 LT.	TRR 81+75.0 LT. TRR 82+41.9 LT.			INSTALL (T) CULVERT (T)						GUARDRAIL	8	13,16	PARCEL NO. 4C GREEN. DELETE THIS PARCEL. PER C.O. 9322.	10-02-03	G. J. F.	R. P. D.
2D		16	141+00.0 LT. 141+46.3 LT. 141+36.0 LT. TRR 80+27.9 RT. 142+61.6 LT. 141+22.5 LT.	142+79.7 LT. 141+50.0 LT. TRR 80+58.1 RT. 142+94.1 LT. 141+38.1 LT.			DRIVE (T) CONST. (T) 0.24A± CHANNEL (P) 123 S.F. ± INSTALL (T) CHANNEL (P) 655 S.F. ± INSTALL & MAINTAIN (P) 80 S.F. ±						22.0' WIDE MM Q268 INCLUDES EROSION CONTROL GUARDRAIL WINDMILL, ABUTMENT & BRIDGE FOOTING	9	13	PARCEL NO. 8 ROCHESTER ELECTRIC LIGHT AND POWER COMPANY. CHANGE NAME TO CENTRAL VERMONT PUBLIC SERVICE CORPORATION. PER C.O. 9339.	02-27-04	M. J. R.	R. P. D.
2E		14,15 16	132+00.0 CL.	143+05.3 LT.	1.09A±		ALL R. T. & I.						ROUTE 100 & TH58 HWY. EASE.						
2F		15	137+14.5 LT.	137+72.5 LT.	157 S.F. ±		ALL R. T. & I.						TH 58						

ACCT.: jblanchard
M:\Projects\787238\RightOfWay\787238.dgn
DATE PLOTTED 18-JUL-2007

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
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
--- PERMANENT EASEMENT
--- TEMPORARY EASEMENT

LEGEND
--- C&T (P) --- CLEARING & TRIMMING
--- C.Z. (P) --- CLEAR ZONE
--- CONSI. (T) --- CONSTRUCTION EASEMENT
--- SR --- SLOPE RIGHTS
--- P --- PROPERTY LINE
--- TOP OF CUT
--- TOE OF SLOPE

--- UE (P) --- PERMANENT UTILITY EASEMENT

APPROVED: ROGER P. DUMAS DATE: 03/22/01
CHIEF, PLANS & TITLES

R. O. W. PLANS
STOCKBRIDGE
BRF 013-4(21)
R.O.W. SHEET 12 OF 17 SHEETS
SHEET 12 OF 141

TABLE OF PROJECT PROPERTY ACQUISITION

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

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
3A	UNITED STATES OF AMERICA DEPARTMENT OF AGRICULTURE, FOREST SERVICE	16,17	142+43.6 RT.	144+25.6 LT.	0.36A±			HED	06-07-05	STOCKBRIDGE	66	435-442							
			143+07.5 RT.	143+50.5 RT.			CONST. (T) 388 S.F.±	INCLUDES EROSION CONTROL											
			143+15.7 RT.	143+77.0 RT.			DITCH (P) 1395 S.F.±												
			143+26.9 RT.	143+31.5 RT.			INSTALL (T) 6 S.F.±	EROSION CONTROL											
			143+29.8 RT.	143+81.8 RT.			CHANNEL (P) 243 S.F.±												
3B		16,17	143+30.9 LT.	144+34.3 LT.	3133 S.F.±		ALL R. T. & I.									ROUTE 100 HWY. EASE.			
3C	*TRR = TIMBER RIVER RD	16	TRR 81+55.4 RT.	TRR 83+38.5 RT.	0.14A±		ALL R. T. & I.									ROUTE 100 HWY. EASE.			
			TRR 81+55.9 RT.	TRR 84+75.0 CL.			DRIVE (T)												
			TRR 82+91.9 RT.	TRR 82+95.2 RT.			REMOVE (T)	GUARDRAIL											
			TRR 82+98.6 RT.	TRR 83+27.0 RT.			SLOPE (T) 399 S.F.±												
			TRR 83+21.0 RT.	TRR 83+92.6 RT.			CONST. (T) 3627 S.F.±	INCLUDES EROSION CONTROL											
			TRR 83+33.0 CL.				REMOVE (T)	CULVERT											
			TRR 83+38.1 RT.	TRR 83+73.3 RT.			CHANNEL (P) 711 S.F.±												
			TRR 84+00.0 LT.	TRR 84+00.0 RT.			CUL., DIT. (T)	INCLUDES D. I.											
			TRR 82+41.9 LT.	TRR 84+00.0 LT.			CULVERT (T)												
4A	GREEN, THEODORE J.W., JR. & BARBARA S.	16,17	143+81.8 RT.	149+00.0 RT.	0.27A±					STOCKBRIDGE						INCLUDES EROSION CONTROL			
			143+46.4 RT.	147+48.4 RT.			CONST. (T) 1880 S.F.±												
			143+50.5 RT.	146+27.0 RT.			DITCH (P) 0.14A±												
			146+27.0 RT.	147+45.9 RT.			SLOPE (T) 1510 S.F.±												
			147+75.1 RT.	148+71.0 RT.			CONST. (T) 209 S.F.±												
	148+06.1 RT.	148+53.1 RT.	SLOPE (T) 20 S.F.±																
4B		17	144+25.6 LT.	149+00.0 RT.	0.28A±		ALL R. T. & I.								ROUTE 100 HWY. EASE.				
5	KETCHUM, ROBERT A. & GAIL J.	16,17	143+76.1 LT.	149+00.0 CL.	0.32A±		ALL R. T. & I.			STOCKBRIDGE						ROUTE 100 HWY. EASE.			
			143+93.0 LT.	144+02.4 LT.			CHANNEL (P) 59 S.F.±												
			143+97.0 LT.	145+08.1 LT.			CONST. (T) 1001 S.F.±	INCLUDES EROSION CONTROL											
			144+28.0 LT.	144+59.5 LT.			SLOPE (T) 50 S.F.±												
6A	TOWN OF STOCKBRIDGE	14,15	137+14.5 LT. TH 58 58+28.1 CL.	137+72.5 LT. TH 58 61+25.0 CL.	157 S.F.±		APPROACH (T)	QCD	04-21-04	STOCKBRIDGE	64	6-7			TH 58				
6B		15	137+16.8 LT.	137+72.5 LT.	1375 S.F.±		ALL R. T. & I.								ROUTE 100 HWY. EASE.				
7	VERIZON NEW ENGLAND, INC.															UTILITY			
8	CENTRAL VERMONT PUBLIC SERVICE CORPORATION															UTILITY			
	MAINTENANCE AGREEMENT ZONE NO. 1	15	TH 58 58+11.0 CL.	TH 58 58+28.1 CL.												TH 58 LENGTH 17.1'±			

ACCT: jblanhard
M:\Projects\78f238\RightOfWay\VF238.dgn
DATE PLOTTED 18-JUL-2007

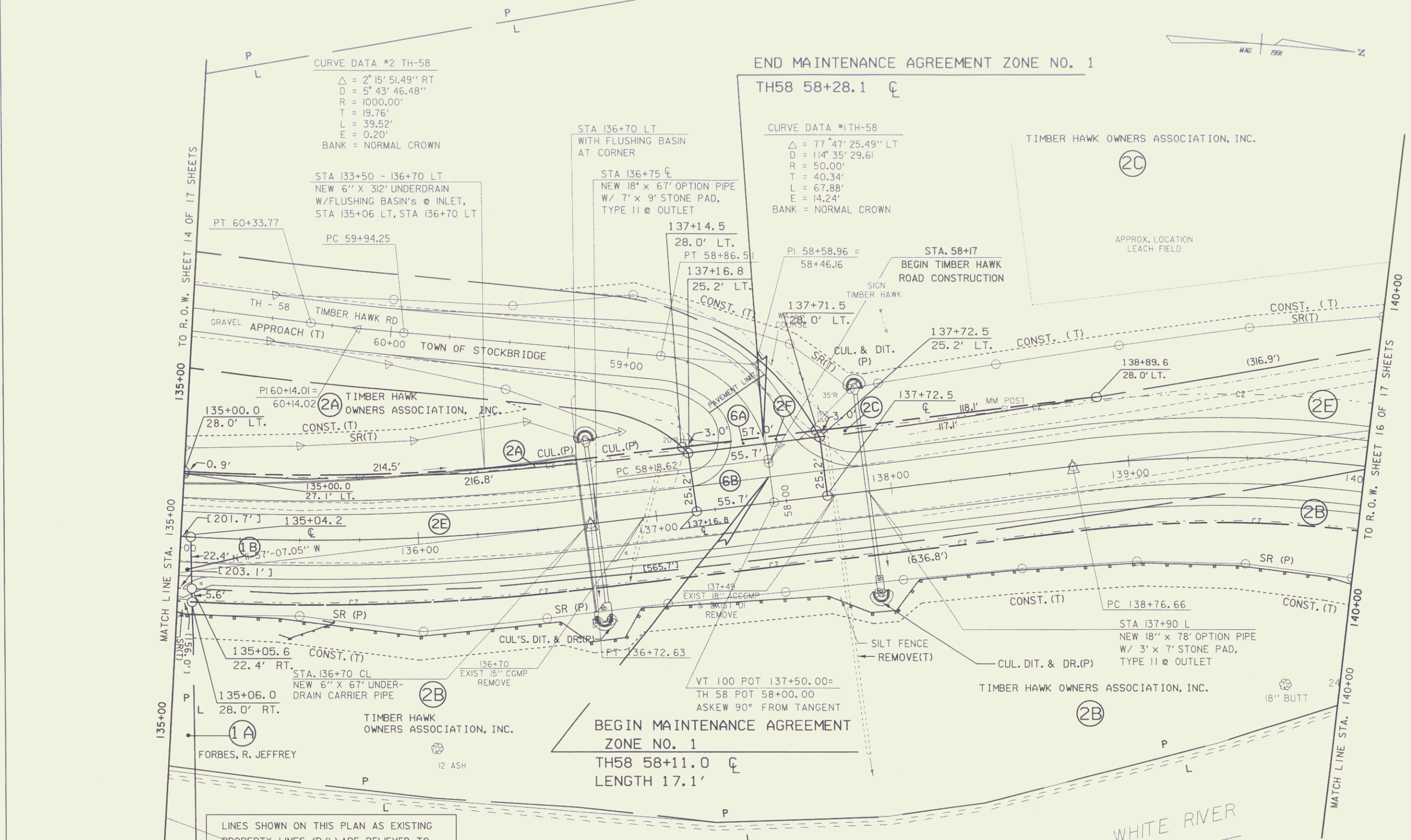
DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
[W]- WATER SOURCES

PRESENT R.O.W.
 TAKING WITHOUT ACCESS
 TAKING WITHOUT ACCESS ALONG PROPERTY LINE
 TAKING WITH ACCESS
 PERMANENT EASEMENT
 TEMPORARY EASEMENT

LEGEND
 C&T (P) CLEARING & TRIMMING
 CZ (P) CLEAR ZONE
 CONST. (T) CONSTRUCTION EASEMENT
 SR SLOPE RIGHTS
 P PROPERTY LINE
 TOP OF CUT
 TOE OF SLOPE

APPROVED: ROGER P. DUMAS DATE: 03/22/01
CHIEF, PLANS & TITLES

R. O. W. PLANS
STOCKBRIDGE
BRF 013-4(21)
R. O. W. SHEET 13 OF 17 SHEETS
SHEET 13 OF 141



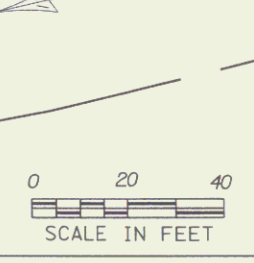
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 $D = 5^\circ 43' 46.48''$
 $R = 1000.00'$
 $T = 19.76'$
 $L = 39.52'$
 $E = 0.20'$
 BANK = NORMAL CROWN

END MAINTENANCE AGREEMENT ZONE NO. 1
 TH58 58+28.1 $\text{\textcircled{C}}$

CURVE DATA #1 TH-58
 $\Delta = 77^\circ 47' 25.49''$ LT
 $D = 114^\circ 35' 29.61''$
 $R = 50.00'$
 $T = 40.34'$
 $L = 67.88'$
 $E = 14.24'$
 BANK = NORMAL CROWN

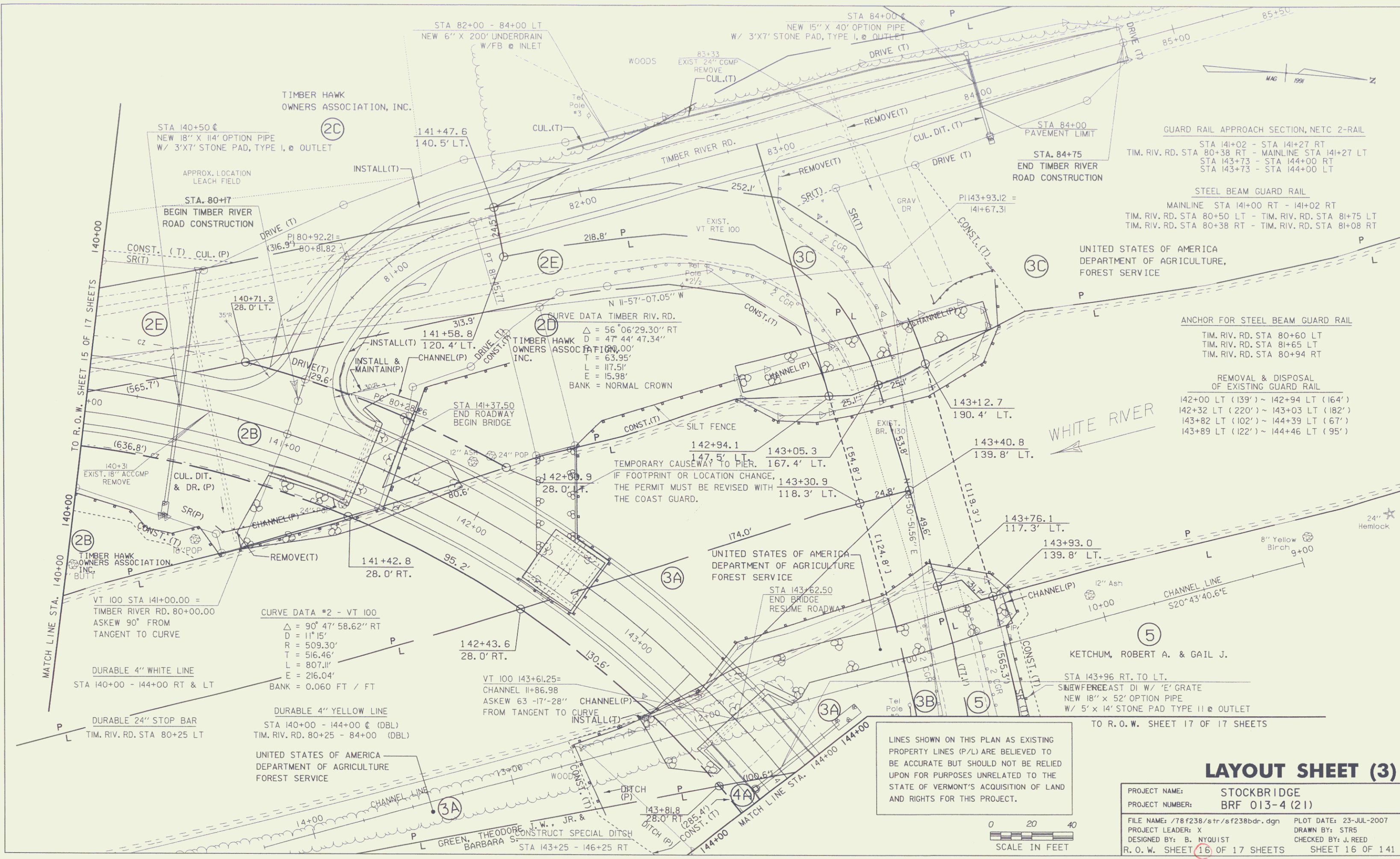
LINES SHOWN ON THIS PLAN AS EXISTING
 PROPERTY LINES (P/L) ARE BELIEVED TO
 BE ACCURATE BUT SHOULD NOT BE RELIED
 UPON FOR PURPOSES UNRELATED TO THE
 STATE OF VERMONT'S ACQUISITION OF LAND
 AND RIGHTS FOR THIS PROJECT.

- STEEL BEAM GUARD RAIL
STA 135+00 - 140+00 RT
- DURABLE 4" WHITE LINE
STA 135+00 - 140+00 RT & LT
- DURABLE 4" YELLOW LINE
STA 135+00 - 140+00 $\text{\textcircled{C}}$ (DBL)
T.H. 58 58+25 - 58+50 LT (DBL)
- ANCHOR FOR STEEL BEAM GUARD RAIL
STA 135+14 RT
- DURABLE 24" STOP BAR
T.H. 58 STA 58+25 LT



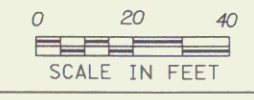
LAYOUT SHEET (2)

PROJECT NAME:	STOCKBRIDGE
PROJECT NUMBER:	BRF 013-4 (21)
FILE NAME:	/78f238/etr/sf238bdr.dgn
PROJECT LEADER:	X
DESIGNED BY:	B. NYQUIST
R.O.W. SHEET:	15 OF 17 SHEETS
PLOT DATE:	23-JUL-2007
DRAWN BY:	STRS
CHECKED BY:	J. REED
	SHEET 15 OF 141



LAYOUT SHEET (3)

PROJECT NAME:	STOCKBRIDGE
PROJECT NUMBER:	BRF 013-4 (21)
FILE NAME:	78 f238/str/sf238bdr.dgn
PROJECT LEADER:	X
DESIGNED BY:	B. NYQUIST
R. O. W. SHEET:	16 OF 17 SHEETS
PLOT DATE:	23-JUL-2007
DRAWN BY:	STRS
CHECKED BY:	J. REED
SHEET:	16 OF 141



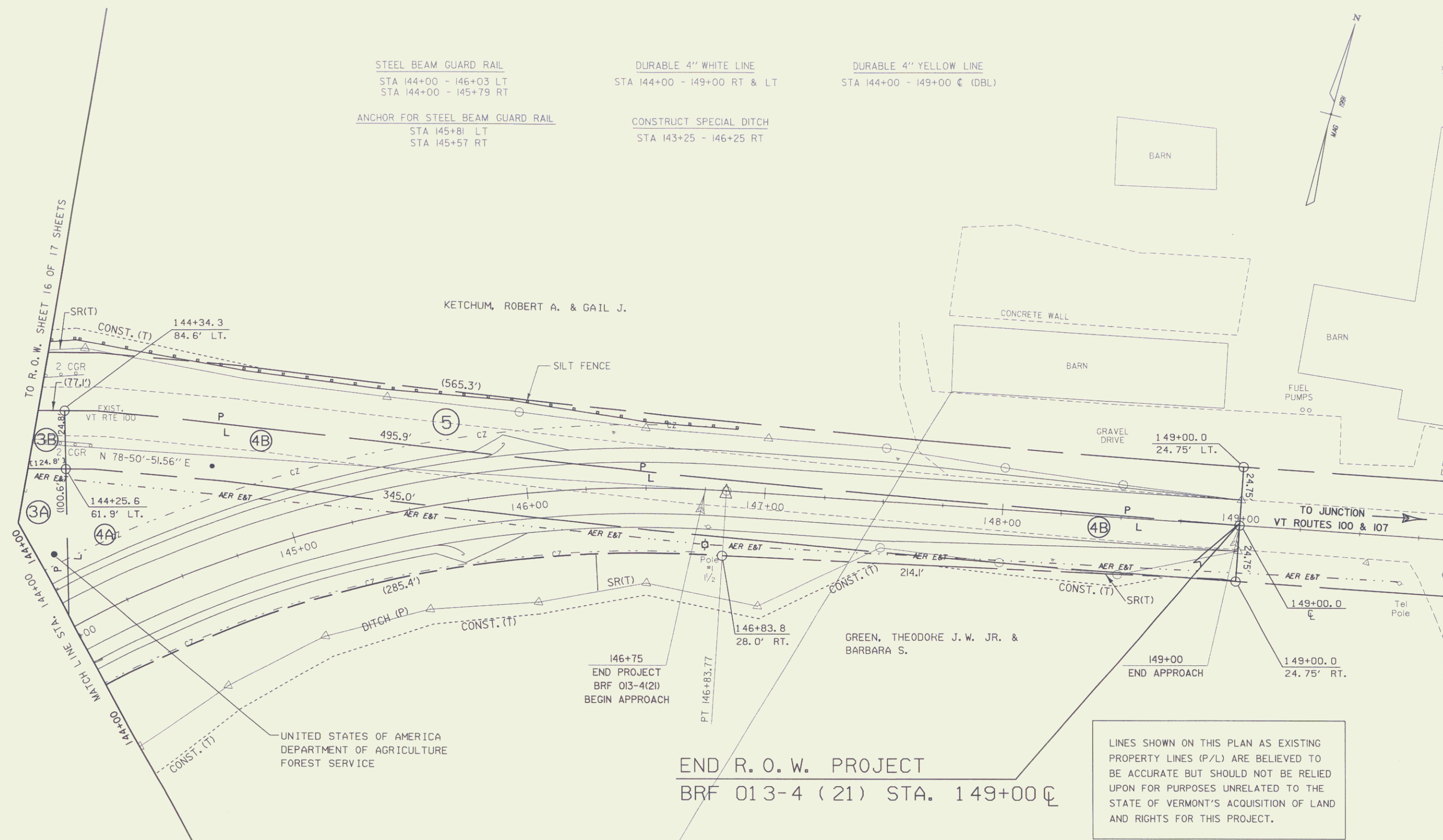
STEEL BEAM GUARD RAIL
 STA 144+00 - 146+03 LT
 STA 144+00 - 145+79 RT

DURABLE 4" WHITE LINE
 STA 144+00 - 149+00 RT & LT

DURABLE 4" YELLOW LINE
 STA 144+00 - 149+00 C (DBL)

ANCHOR FOR STEEL BEAM GUARD RAIL
 STA 145+81 LT
 STA 145+57 RT

CONSTRUCT SPECIAL DITCH
 STA 143+25 - 146+25 RT



LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

END R. O. W. PROJECT
 BRF 013-4 (21) STA. 149+00 C

LAYOUT SHEET (4)

PROJECT NAME:	STOCKBRIDGE
PROJECT NUMBER:	BRF 013-4 (21)
FILE NAME:	/78f238/sr/sf238bdr.dgn
PROJECT LEADER:	X
DESIGNED BY:	B. NYQUIST
R. O. W. SHEET:	17 OF 17 SHEETS
PLOT DATE:	23-JUL-2007
DRAWN BY:	STRS
CHECKED BY:	J. REED

