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PROJECT NAME & NUMBER TYPE PAVEMENT AREA
 MT. HOLLY F 025-1(III) BIT. CONC. PAVEMENT 58,558 SQ. Y.
 RECORD PLANS

MATERIALS

SUBBASE OF SAND -- MORRIS PIT -- MT. HOLLY, VERMONT.
 SUBBASE OF GRAVEL, GRAVEL BACKFILL & SHOULDERS -- BURTON PIT -- MT. HOLLY, VERMONT.
 SUBBASE OF CRUSHED ROCK, STONE BASE COURSE & PEATSTONE -- VT. MARBLE CO. FLORENCE, VT.
 REFINED TAR -- OLD COLONY TAR CO. -- WORCESTER, MASS.
 ASPHALT & CUTBACK ASPH. -- TEXAS CO. PROVIDENCE, R.I. -- & MOBIL OIL CO. -- PROVIDENCE, R.I.
 BITUMINOUS CONCRETE PAVEMENT -- VERMONT PAVING CO. -- E. CLARENDON, VERMONT.
 CONC. CLASS "B" AGGREGATES FOR CONC. & STONE CRITS -- JUS. E. BARBARA & SONS -- W. RUTLAND, VT.
 PORTLAND CEMENT -- GLENS FALLS PORTLAND CEMENT CO. -- GLENS FALLS, NEW YORK.
 REINFORCING STEEL -- VERMONT STRUCTURAL STEEL CO. -- BURLINGTON, VERMONT.
 THREE CABLE & PLANK GUARD RAIL, STEEL MARKER POSTS & BOUNDARY MARKERS --
 S.T. GRISWOLD CO. INC. -- F. SEEX JUNCTION, VERMONT.
 REINF. CONC. PIPE & PREC. REINF. CONC. PIPE DL W/COVER -- VT. CONC. PIPE CO. -- WINDSOR, VT.
 ASPH. CTD. CORR. GALV. MET. PIPE -- NEW ENGLAND METAL CULV. CO. -- WHITE RIVER JCT., VT.
 CAST IRON PIPE UND. FLUSHING BASINS W/C. COVERS -- LEBEROW FOUNDRY -- BROCKTON, MASS.
 TREES, SHRUBS & VINES -- GEORGE MITCHELL -- SO. BARRIE, VERMONT.
 CONTRACTOR -- S. V. ROSSI CONSTRUCTION Co. INC. -- TORRINGTON, CONN.
 CONTRACT DATED -- JUNE 23, 1959.
 CONTRACT STARTED -- JULY 13, 1959.
 CONTRACT COMPLETED -- SEPTEMBER 30, 1960.
 CONTRACT ACCEPTED -- SEPTEMBER 30, 1960.
 RESIDENT ENGINEER -- H. F. ELDER.
 INSPECTOR -- JOHN G. PHILBRICK.
 RECORD PLANS -- A. G. SPIDLE.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID
 PRIMARY PROJECT

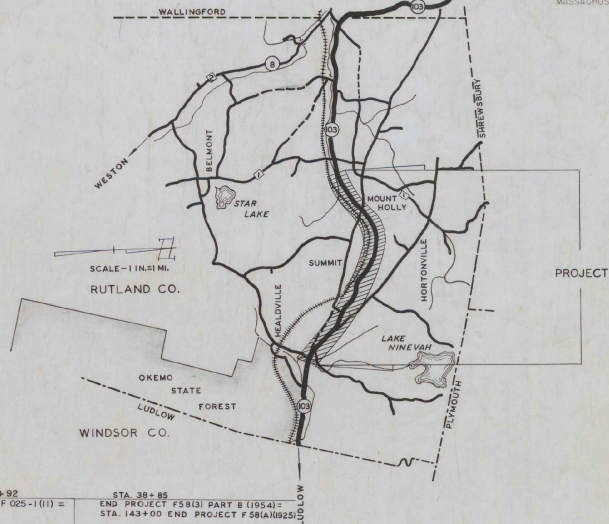
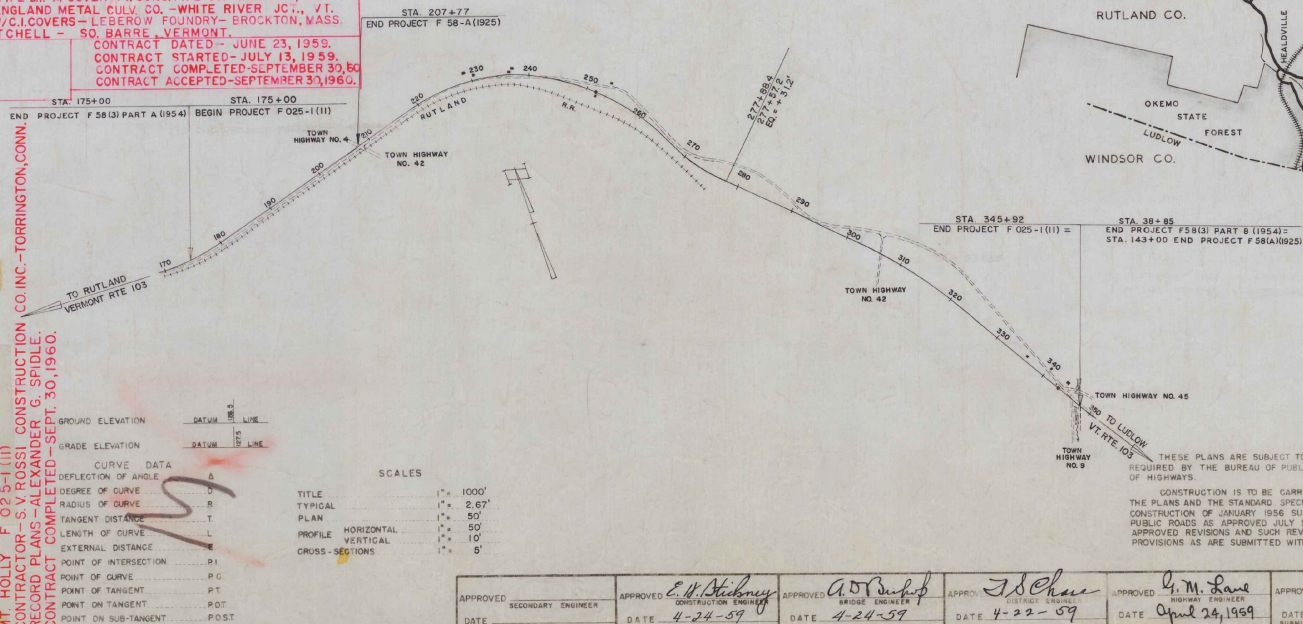
TOWN OF MOUNT HOLLY COUNTY OF RUTLAND VERMONT ROUTE 103 RUTLAND-LUDLOW ROAD

BEGINNING AT A POINT APPROXIMATELY 4.92 MILES
 WESTERLY OF THE MT. HOLLY-LUDLOW TOWN LINE AND EXTENDING
 EASTERLY 17,123.2 FEET.

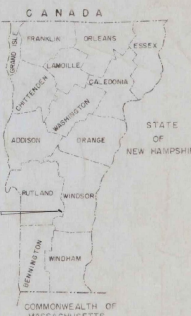
LENGTH OF PROJECT 17,123.2 FEET = 3.243 MILES

DESIGN SPEED -- 50 M.P.H.

1959 ADT	1975
1980 ADT	3150
D.H.V.	440
DIRECTIONAL	60%
TRUCK	9%



REGION NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	V.T.	F 025-1(III)	1	110



NOTES: ANY FURTHER INFORMATION CONCERNING
 FINAL QUANTITIES, AMOUNTS OR OTHER MATTERS
 RELATIVE TO THIS PROJECT MAY BE FOUND IN
 EITHER THE FIELD BOOKS OR THE ESTIMATE
 FILE.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
 REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER
 OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH
 THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE
 CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF
 PUBLIC ROADS AS APPROVED JULY 5, 1956, INCLUDING ALL SUBSEQUENT
 APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL
 PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

DIVISION		ENGINEER	DATE
PROJECT		F	NO. 025-1 (III)
SHEET		1	OF 110 SHEETS

APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE
SECONDARY ENGINEER	BRIDGE ENGINEER	CORROSION ENGINEER	HIGHWAY ENGINEER	CIVIL ENGINEER	CIVIL ENGINEER
4-24-59	4-24-59	4-22-59	April 24, 1959	4/24/59	4/24/59

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6 ITEM & DRAINAGE SHEET

7-10 EARTHWORK SHEETS

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36-106 CROSS-SECTIONS

107-108 CULVERT SECTIONS

109 APPROACH ROAD SECTIONS

110 CHANNEL SECTIONS

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID
PRIMARY PROJECT

TOWN OF MOUNT HOLLY COUNTY OF RUTLAND VERMONT ROUTE 103 RUTLAND-LUDLOW ROAD

BEGINNING AT A POINT APPROXIMATELY 4.92 MILES
WESTERLY OF THE MT. HOLLY-LUDLOW TOWN LINE AND EXTENDING
EASTERLY 17,123.2 FEET.

LENGTH OF PROJECT 17,123.2 FEET = 3.243 MILES

DESIGN SPEED - 50 M.P.H.

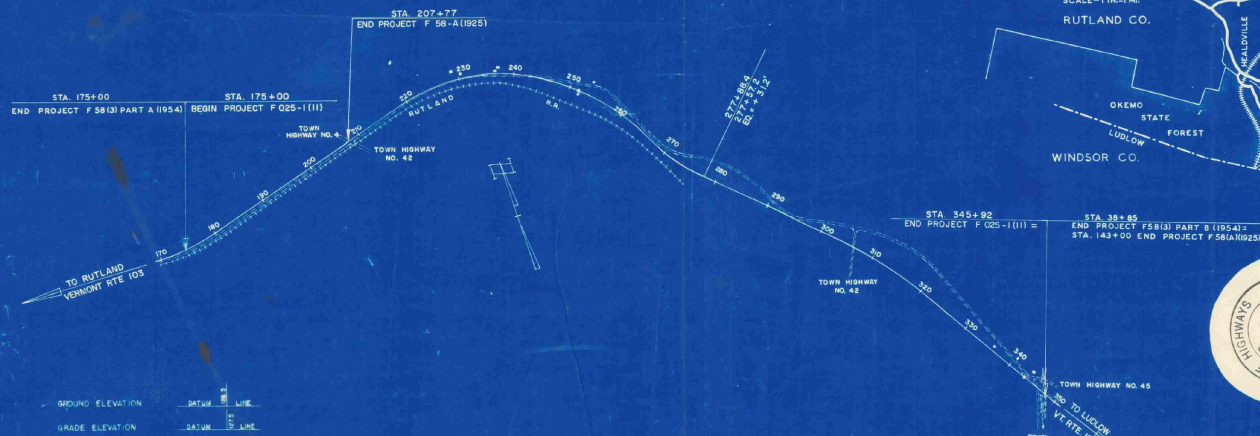
1959 ADT 1975

1980 ADT 3150

DHV 440

DIRECTIONAL 60%

TRUCK 9%



CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELER WAY
RAILROAD
RETAINING WALL
CENTER LINE
SURVEY LINE
CULVERT
DRAIN INLET
TADLEY POLE
POWER POLE
TELEPHONE POLE
TREES
HEDGE

GROUND ELEVATION
GRADE ELEVATION
CURVE DATA
DEFLECTION OF ANGLE
DEGREE OF CURVE
RADIUS OF CURVE
TANGENT DISTANCE
LENGTH OF CURVE
EXTERNAL DISTANCE
POINT OF INTERSECTION
POINT OF CURVE
POINT OF TANGENT
POINT ON TANGENT
POINT ON SUB-TANGENT

SCALES
TITLE
TYPICAL
PLAN
PROFILE
HORIZONTAL
VERTICAL
CROSS-SECTIONS

1" = 1000'
1" = 2.87'
1" = 50'
1" = 10'
1" = 5'

APPROVED
SECONDARY ENGINEER
DATE

APPROVED
DATE 4-24-59

APPROVED
DATE 4-24-59

APPROVED
DATE 4-22-59

APPROVED
DATE April 24, 1959

APPROVED
DATE 4/24/59

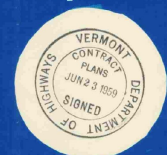
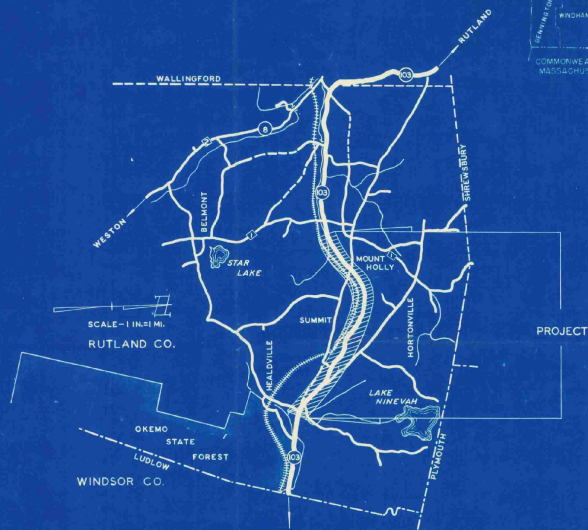
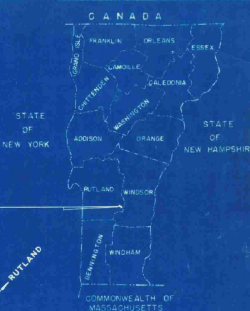
APPROVED
DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

PROJECT F NO. 025-1 (11)

SHEET 1 OF 110 SHEETS

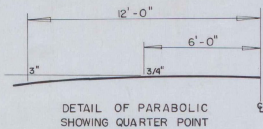
REGION NO. 1 STATE PROJECT NO. 103 SHEET NO. 110



Dated June 23, 1959
Order of Commissioner of Highways
Commissioner of Highways
S. J. Rosier
Contractor

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER
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CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH
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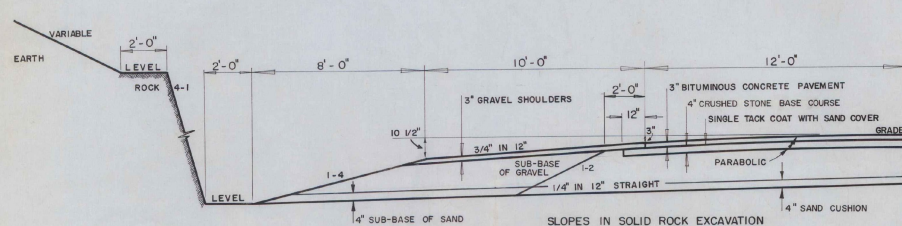
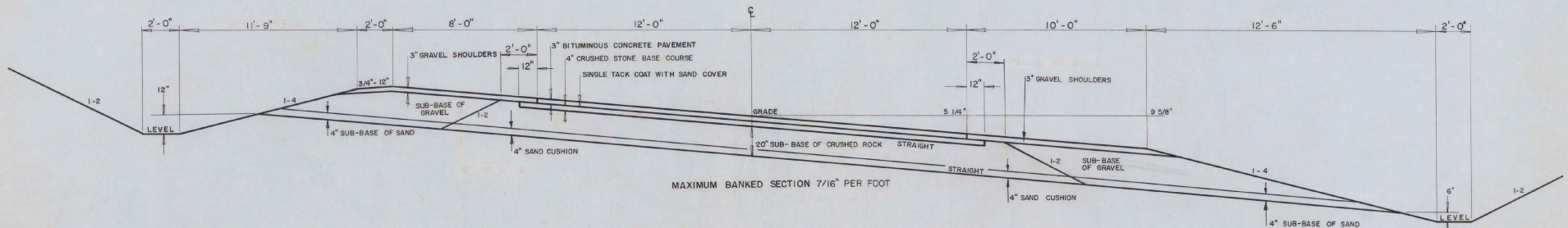
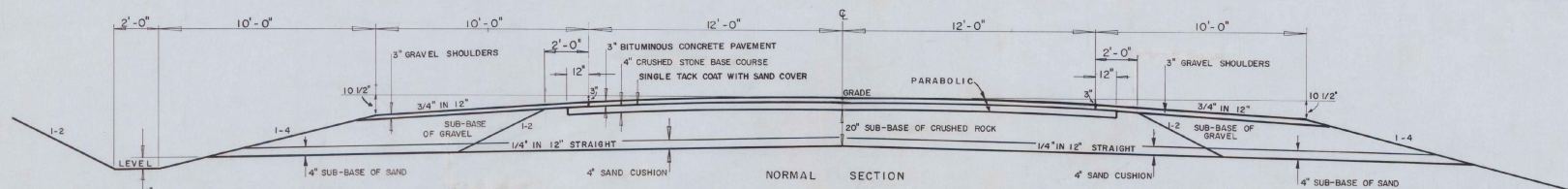
TYPICAL SECTIONS



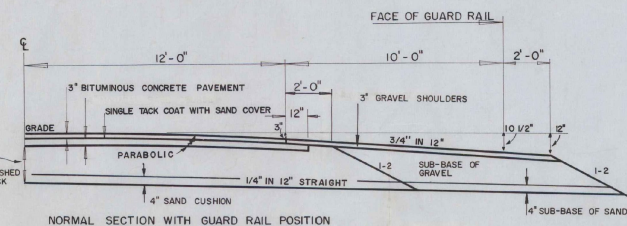
3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B (MODIFIED)
4" CRUSHED STONE BASE COURSE, ITEM 201
20" SUB-BASE OF CRUSHED ROCK, ITEM 204
3" GRAVEL SHOULDERS, ITEM 302
SINGLE TACK COAT OF CUTBACK ASPHALT WITH SAND COVER, ITEM 316-B
SUB-BASE OF GRAVEL, ITEM 201-A
SUB-BASE OF SAND, ITEM 202
CONSTRUCTED AS DESIGNED

THE COMMERCIAL FERTILIZER SHALL BE MIXED AS FOLLOWS:
NITROGEN 10 RATE OF APPLICATION
PHOSPHORUS 10 800 LBS PER ACRE
POTASH 10
ALL PHOSPHORUS ADD TO BE DERIVED FROM BONE
FERTILIZER SHALL BE DELIVERED IN BAGS OF NOT TO EXCEED 100 LBS. EACH.
THE SEED MIXTURE SHALL BE COMPOSED BY WEIGHT AS FOLLOWS:
RED TOP 5 LBS/ACRE RATE OF BROADCAST
CREPENS RED FESCUE 10 LBS/ACRE 55 LBS. PER ACRE.
DITCH WHITE CLOVER 5 LBS/ACRE
KENTUCKY BLUE GRASS 35 LBS/ACRE

SEEDING, ITEM 611, COMMERCIAL FERTILIZER FOR GRASSES, ITEM 615 AND TOPSOIL, ITEM 621 TO BE USED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
WINTER RYE, ITEM 610 TO BE USED BEFORE MULCH ON EARTH SLOPES 200 LBS. PER ACRE
MULCH, ITEM 622, TO BE PLACED ON ALL EARTH SLOPES
STEEL MARKER POSTS, ITEM 548-D TO BE PLACED AS DIRECTED BY THE ENGINEER
FOR ROUNDINGS OF SLOPES, SEE ROADWAY STANDARD RS 56-6



THE ROCK WILL BE SHATTERED TO A DEPTH OF FOUR (4) FEET BELOW SUBGRADE AS PER DRILLING AND BLASTING OF SOLID ROCK SUBGRADE ITEM 114, MODIFIED.
REFER TO ROADWAY STANDARD SHEET A-61



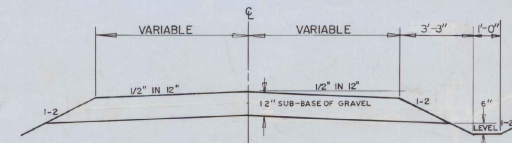
SCALE: 3/8" = 1'

MT. HOLLY

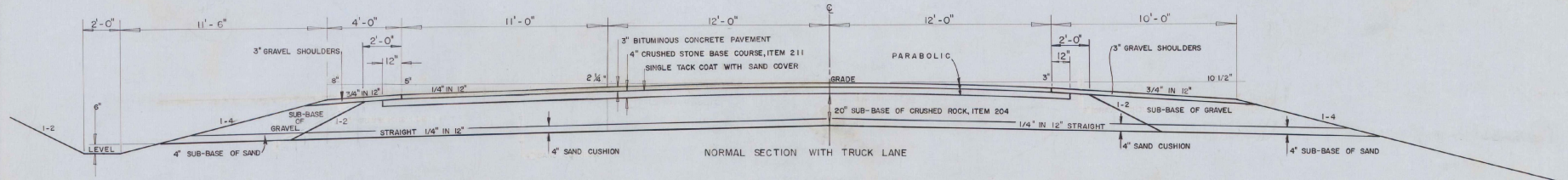
DRAWN BY H. YOUNG
TRACED BY H. YOUNG
PROJECT F NO. 025-1(11)
SHEET 2 OF 110

TYPICAL SECTIONS

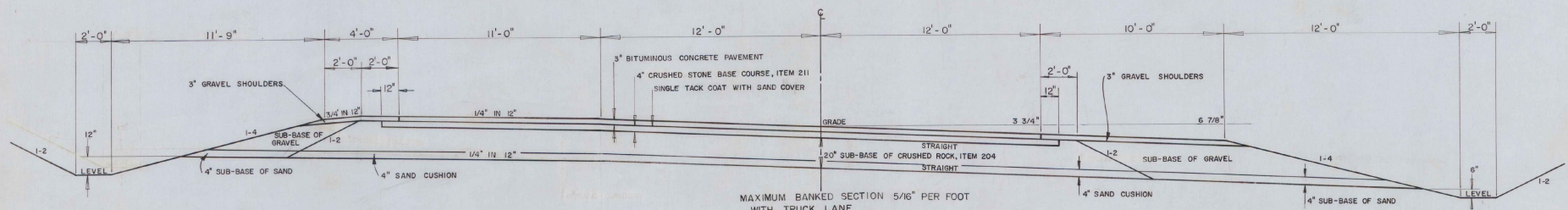
3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B (MODIFIED)
 4" CRUSHED STONE BASE COURSE, ITEM 211
 20" SUB-BASE OF CRUSHED ROCK, ITEM 204
 3" GRAVEL SHOULDERS, ITEM 302
 SINGLE TACK COAT OF CUTBACK ASPHALT WITH SAND COVER, ITEM 316-B
 SUB-BASE OF GRAVEL, ITEM 201-A
 SUB-BASE OF SAND, ITEM 202



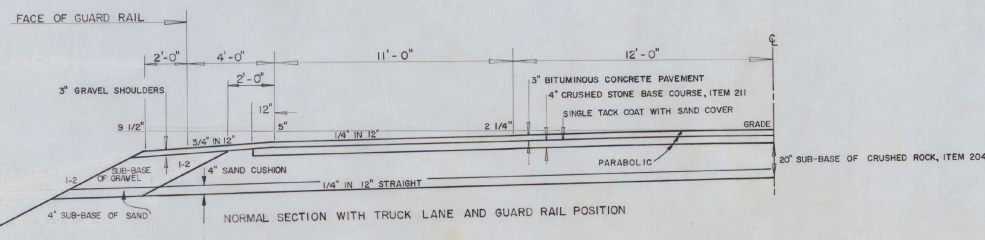
TYPICAL SECTION - DRIVES



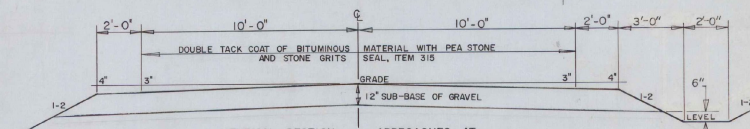
NORMAL SECTION WITH TRUCK LANE



MAXIMUM BANKED SECTION 5/16 PER FOOT WITH TRUCK LANE



NORMAL SECTION WITH TRUCK LANE AND GUARD RAIL POSITION



TYPICAL SECTION - APPROACHES AT 207+00 LT, 209+35 RT, 306+70 RT, 345+50 LT AND 346+09.5 RT

FOR APPROACHES AT 302+50 LT AND 341+00 LT
 TYPICAL SECTION IS IDENTICAL EXCEPT FOR SURFACE
 COURSE TO BE AS FOLLOWS:

SINGLE TACK COAT OF CUTBACK ASPHALT WITH SAND COVER, ITEM 316-B AND
 3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B (MOD.) TO RADIUS POINTS

SCALE: 3/8" = 1'

MT. HOLLY

DRAWN-TRACED BY: W. RADZSKI

PROJECT F NO. 025-1(11)

SHEET 3 OF 110

QUANTITY SHEET

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

MT. HOLLY

PROJECT NO. F 025 - 1 (11)

SUMMARY SHEET NO. ____ OF _____ 19 ____

APPROXIMATE SUMMARY OF QUANTITIES

R.O.W.	BRIDGE	ROADWAY	QUANTITIES GRADE TOTAL	UNIT	I T E M S	ITEM NO.
		237800	237800	C.Y.	COMMON EXCAVATION	101-
		4000	4000	C.Y.	SOLID ROCK EXCAVATION	101-B
		22000	22000	C.Y.	BORROW INCL. 25% C.Y. OVERRUN	102-A
		6200	6200	C.Y.	TRENCH EXCAVATION OF EARTH	103-A
		480	480	C.Y.	TRENCH EXCAVATION OF ROCK	103-B
		123100	123100	S.V.	CLEANING AND GRUBBING	104
		3900	3900	C.Y.	UNCLASSIFIED CHANNEL EXCAVATION	106-C
		975	975	C.Y.	STRUCTURE EXCAVATION	107
		82	82	DAY	ROADWAY PATROL MAINTENANCE	108
		300	300	MISAL	DUST CONTROL	109
		1900	1900	S.V.	DRILLING & BLASTING OF SOLID ROCK SUBGRADE (MODIFIED) INCL. 15% S.V. OVERRUN	114
		3500	3500	C.Y.	MUCK EXCAVATION INCL. 30% C.Y. OVERRUN	116
		2700	2700	C.Y.	EXCAVATION & REMOVAL OF ROAD SURFACE ON ROADWAYS INCL. 31% C.Y. OVERRUN	118-A
		50	50	HR.	BULLDOZER RENTAL	111
		19500	19500	C.Y.	SUB-BASE OF GRAVEL	201-A
		41500	41500	C.Y.	SUB-BASE OF CRUSHED ROCK	204
		332400	332400	CY/M	GRAVEL OVERHAUL (MODIFIED)	221
		280	280	C.Y.	GRAVEL BACKFILL INCL. 5% C.Y. OVERRUN	223
		4860	4860	C.Y.	STRIPPING OF GRAVEL PITS	223
		3400	3400	C.Y.	GRAVEL SHOULDERS INCL. 180 C.Y. OVERRUN	302
		2500	2500	GAL.	DOUBLE TRACK COAT OF BITUMINOUS MATERIAL WITH PEA STONE AND STONE BRICKS SEAL, PRIME COAT OF REFINED TAR AND DOUBLE SEAL COAT OF OUTBACK ASPHALT (INCL. 240 GAL. OVERRUN)	319
		31400	31400	GAL.	SINGLE TRACK COAT OF OUTBACK ASPHALT WITH SAND COVER	316-B
		10100	10100	TON	BITUMINOUS CONCRETE PAVEMENT (MODIFIED)	361-B
		53	53	C.Y.	CONCRETE, CLASS B MOD (INCL. 3 CY OVERRUN)	401-8
		4400	4400	L.B.	REINFORCING STEEL	402-B
		144	144	C.Y.	CEMENT RUBBLE MASONRY	411
		1200	1200	L.F.	18" REIN. CONC. PIPE INCL. 11% L.F. OVERRUN	421-B
		170	170	L.F.	" " " " " "	421-X
		80	80	L.F.	30" " " " " "	421-L
		104	104	L.F.	36" " " " " "	421-A
		8	8	L.F.	48" " " " " "	421-C
		124	124	L.F.	60" " " " " "	421-G
		24	24	L.F.	18" SPEC. ELIOM CTD. CORR. GALV. METAL PIPE ALLOY	422-B
		1100	1100	L.F.	18" ASPH. CTD. CORR. GALV. METAL PIPE UNDERDRAIN	425-B
		538	538	L.F.	24" " " " " " "	424-A
		204	204	L.F.	30" " " " " " "	425-B
		260	260	L.F.	36" " " " " " "	424-B
		172	172	L.F.	60" " " " " " "	424-C
		80	80	L.F.	60"x31" ASPH. CTD. CORR. GALV. METAL PIPE (10 GAUGE)	425-S
		100	100	L.F.	65"x40" " " " " " " (10 GAUGE)	425-F
		68	68	L.F.	RELAYING PIPE CULVERTS	428
		300	300	L.F.	BLEEVES FOR WATER PIPES (ESTIMATED)	431
		50	50	C.Y.	STONE FILL FOR SLOPE PROTECTION UNDERDRAIN	502
		4300	4300	L.F.	6" PERP. ASPH. CTD. CORR. GALV. METAL UNDERDRAIN (MODIFIED) INCL. 400 L.F. OVERRUN	531-A
		200	200	L.F.	6" PERP. ASPH. CTD. CORR. GALV. METAL UNDERDRAIN (MODIFIED) INCL. 90 L.F. OVERRUN	531-B
		8	8	E.A.	CAST IRON PIPE UNDERDRAIN FLUSHING BASINS WITH CAST IRON COVER INCL. 2 EA. OVERRUN	532
		4	4	E.A.	PREFAB. REINFC. CONC. PIPE DROP INLET WITH COVER	537-B
		200	200	L.F.	16" CABLE GUARD RAIL WITH PRESERVATIVE TREATMENT (INCL. 24 L.F. OVERRUN)	541-A
		7392	7392	L.F.	THREE CABLE GUARD RAIL WITH STEEL POSTS	543
		44	44	E.A.	WINKERS FOR THREE CABLE GUARD RAIL W/STEEL POSTS	546
		70	70	E.A.	STEEL MARKER POSTS (INCL. 7 EA. OVERRUN)	548
		2	2	E.A.	ERECTION OF PROJECT MARKERS	566
		40	40	E.A.	BOUNDARY MARKERS, EST.	567
		1	1	L.S.	" " " " STA. 232+00 RT	515-B
		1	1	L.S.	" " " " STA. 237+00 LT	586
		1	1	L.S.	" " " " STA. 241+00 RT	586
		1	1	L.S.	" " " " STA. 252+50 RT	586
		1	1	L.S.	" " " " STA. 252+50 RT	586
		1	1	L.S.	" " " " STA. 343+00 LT	586
		1	1	L.S.	" " " " STA. 344+00 C	586
		4200	4200	L.B.	WINTER RYE (INCL. 312 LBS OVERRUN)	610
		30	30	L.B.	SEEDING (EST.)	611
		250	250	S.Y.	SODDING (EST.)	612
		250	250	L.B.	COMMERCIAL FERTILIZER FOR GRASSES (EST.)	615
		100	100	CY.	TOPSOIL (EST.)	621
		63	63	TON	MULCH (MOD) INCL. 6 TONS OVERRUN	622
		62	62	L.F.	56"x36" ASPH. CTD. CORR. GALV. METAL PIPE (10 GAUGE)	A25-B
		50	50	C.Y.	RIPRAP FOR BANK PROTECTION MOD. FOR CULVERT ENDS (INCL. 10 CY OVERRUN)	B26
		4800	4800	C.Y.	SUB-BASE OF SAND (INCL. 25% CY OVERRUN)	205
		6500	6500	C.Y.	CRUSHED STONE BASE COURSE	211
		1240	1240	E.A.	PLANTING TREES, SHRUBS AND VINES	631

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
COMMON EXCAVATION		
228000	CY	ROADWAY AS PER SECTIONS (INCL 4833 CY OVRERRUN)
4470	CY	APPROACHES (INCL 316 CY OVRERRUN)
2300	CY	DRIVES (INCL 141 CY OVRERRUN)
3100	CY	SPECIAL DITCH 250+550 RT (INCL 199 CY OVRERRUN)
237800	CY	TOTAL
SOLID ROCK EXCAVATION		
2458	CY	ROADWAY AS PER SECTIONS
304	CY	5% UNAVOIDABLE OVERBREAKAGE +7% OVRERRUN
1238	CY	BULDERS (ESTIMATED)
4000	CY	TOTAL
TRENCH EXCAVATION OF EARTH		
3400	CY	PIPE CULVERTS (INCL 221 CY OVRERRUN)
2300	CY	UNDERDRAIN (DESIGNED) (INCL 184 CY OVRERRUN)
300	CY	UNDERDRAIN (EST)
54	CY	EXCAV FOR SPEC. DITCH 257+300-300+00 LT
146	G.Y.	RELOCATING WATER (EST)
6200	CY	TOTAL
TRENCH EXCAVATION OF ROCK		
250	CY	PIPE CULVERTS (INCL 18 CY OVRERRUN)
200	G.Y.	UNDERDRAIN (EST)
450	CY	TOTAL
FINE GRADING - SUBGRADE		
118600	S.Y.	ROADWAY AS PER SECTIONS (INCL 2300 SY OVRERRUN)
4300	S.Y.	APPROACHES (INCL 90 SY OVRERRUN)
123100	S.Y.	TOTAL
UNCLASSIFIED CHANNEL EXCAVATION		
2886	CY	ROADWAY AS PER SECTIONS (INCL 275 CY OVRERRUN)
750	CY	PIPE CULVERTS (INCL 51 CY OVRERRUN)
264	CY	R.E. BOX CULVERT-APPROACH (INCL 64 CY OVRERRUN)
3900	CY	TOTAL
STRUCTURE EXCAVATION		
933	CY	PIPE CULVERTS (INCL 7 CY OVRERRUN)
72	CY	R.E. BOX CULVERT-APPROACH (INCL 7 CY OVRERRUN)
975	CY	TOTAL
SUB-SIDE OF GRAVEL		
17100	CY	ROADWAY AS PER SECTIONS (INCL 712 CY OVRERRUN)
1650	CY	APPROACHES (INCL 90 CY OVRERRUN)
750	CY	DRIVES (INCL 53 CY OVRERRUN)
19500	CY	TOTAL
SINGLE TACK COAT OF CUTBACK ASPHALT WITH SAND COVER		
30000	GAL	ROADWAY AS PER SECTIONS (INCL 2693 GAL OVRERRUN)
1400	GAL	APPROACHES - 302+50 LT, 341+00 LT, 345+92-347+50, 171+00-175+00 (INCL 182 GAL OVRERRUN)
31400	GAL	TOTAL
BITUMINOUS CONCRETE PAVEMENT (MOD. 100)		
9415	TON	ROADWAY AS PER SECTIONS (INCL 9415 TONS OVRERRUN)
485	TON	APPROACHES 302+50 LT, 341+00 LT, 345+92-347+50, 171+00-175+00 (INCL 65 TONS OVRERRUN)
10100	TON	TOTAL
CEMENT RUBBLE MASONRY		
140	CY	PIPE CULVERTS (INCL 64 CY OVRERRUN)
2	CY	UNDERDRAIN (DESIGNED)
2	CY	UNDERDRAIN (EST)
144	CY	TOTAL

DETAILED SUMMARY OF QUANTITIES

[illegible]

TYPE OF CONSTRUCTION	BITUMINOUS CONCRETE PAVEMENT ITEM 361-B
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[illegible]

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

FED. ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	F 025-14(1)	POST WAR	6	110

[illegible][illegible]

STEEL MARKER POSTS		
STA.	LT.	RT.
175+50	I	I
179+97	I	I
183+75	I	I
186+17		I
186+42	I	
204+32		I
204+45	I	
206+65	I	
207+35	I	
211+78	I	
212+00	I	
218+75	I	
221+39	I	
223+00		I
226+59	I	I
234+00	I	I
235+90	I	
239+00	I	I
240+50	I	I
256+50	I	
264+27	I	
266+19	I	
272+50	I	
275+00	I	
279+12	I	
279+40	I	
285+31	I	
288+32	I	
293+00	I	I
300+00	I	I
306+34	I	
307+06	I	
309+23	I	I
309+25	I	
313+73	I	I
314+50	I	
317+70	I	I
322+20	I	I
326+68		I
336+22	I	
340+63	I	
341+57	I	
177+00		I
190+00		I
250+50		I
268+50	I	I

DRAINAGE STRUCTURES																					
STA	STA	POS.	OLD CULV.	TYPE IN OUT	R C P D L	ACC GMP D L	ACCOMP ARCH D L	ACC R MP ELBOW IN/COVER	P R CP DI W/COVER	DRAIN EXCAV. CRM	DEPTH DI	TRENCH E	EXCAV R	RELAY PIPE	ASKEW LT RT	STRUC EXCAV	GRAVEL BACKFILL	CONSTR INLET DITCH	CONSTR OUTLET DITCH	REPAIR STAKE	REMARKS
176+54		C	NONE	S.H. CH.	18" 80'			18"			2.6	32							X		
179+97		C	18" CMP	S.H. CH.	18" 84'						2.6	53	1		88°15'				X		
184+75		C	NONE	S.H. CH.		18" 110'					2.6	68					14		X		REMOVE
184+09.5		RT.	18" CLP									16	3		88°00'						REMOVE
185+97		RT.	4'X3' RCB					NO X 30' TO 100'			56	30	14		63°30'		116		X	X	DRIVE CULVERT
186+50		C	NONE	CH. CH.																	
191+00		LT.			18" 8'													19	X		
193+38		C	2'X2' RCB	S.H. CH.		36" 104'					62										
203+63.5		RT.	18" CMP									12	3		87°30'						REMOVE
203+60		LT.		L.H. CH.	24" 90'	18" 80'					3.1	18			79°00'			X	X		
208+77		RT.	18" CMP									20	2		41°30'						REMOVE
211+78.5		C	2'X3' RCB	S.H. CH.	36" 104'						6.3	110	15					X	X		
218+75		C	18" CMP	S.H. CH.	18" 72'						2.6	49	2					X			
221+39		C	3'X3' S.B.	S.H. CH.	30" 80'						4.7	67	10		80°20'			X			
226+59		C	3'X3' C.R.	S.H. CH.				NO X 30' TO 80'			9.8	43			70°00'		95		X	X	DRIVE CULVERT
227+39	227+81	LT.	NONE	S.H. CH.	18" 22'						1.1										
234+00		C	NONE	S.H. CH.	30" 96'						5.8										
234+31		RT.	2'X2' RCB								100						19	X			
236+90		C	NONE	S.H. CH.	24" 80'						3.7				78°30'						REMOVE
237+52		RT.	2'X2' RCB									46						X			
239+00		C	NONE	S.H. CH.	24" 96'						3.7	70	14		88°10'			7	X		REMOVE
239+15		RT.	18" ACCOMP									19	1		62°10'						REMOVE
240+33		RT.	12" CMP									8	1								REMOVE
240+50		C	NONE	S.H. CH.	18" 100'						2.6	50						X			
242+95		RT.	4'X5' RCB									90	34		81°00'						REMOVE
242+05		C	NONE	CH. CH.	60" 124'						4.8				61°00'		198		X		14 42
243+01	253+29	LT.	NONE											28	79°00'						DRIVE CULVERT - RELAY
255+90		C	2'X2' RCB									14	22		79°00'						REMOVE
256+60		C	NONE	S.H. CH.	36" 156'						6.3	189					28		X	X	
260+94		LT.	4'X5' RCB								12.3	43			79°30'						REMOVE
260+94		C	NONE	CH. CH.	60" 172'					4.8 664					77°30'		323	44	X		26
264+27		LT.	18" CMP									16	1		84°00'						REMOVE
264+27		C	S.H. CH.		18" 98'						2.6	78			88°00'				X		
266+19		LT.	18" CMP								22	1									REMOVE
266+19		C	NONE	S.H. CH.	18" 116'				12		2.6	76							X		
272+20		LT.	18" CMP								34	1			70°00'						REMOVE
272+50		C	NONE	D.L. CH.	18" 84'					1	0.8	4'	49								P RCP DI. W/COVER
275+00		C	NONE	S.H. CH.		18" 112'					1.8	58						X			RETAIN
275+25		LT.	15" CMP																		
278+12		C	NONE	S.H. CH.		18" 96'					2.6	41			74°00'				X		
278+93		LT.	16" CMP								15	2			70°00'						REMOVE
279+40		C	NONE	S.H. CH.	24" 122'						3.7	87			70°00'			17	X		
285+31		C	NONE	S.H. CH.	24" 132'						3.7	86						17	X		
289+32		C	NONE	S.H. CH.	18" 114'				12		2.6	92			60°30'				X		
289+32		LT.	18" CMP									13	2		60°30'						REMOVE
292+89		LT.	15" CMP												61°37'						REMOVE
293+00		C	NONE	D.L. CH.	18" 84'					1	0.8	4'	60							X	P RCP DI. W/COVER
297+30		LT.	2'X15 RCB									30	9								REMOVE
300+00		C	NONE	S.H. CH.		24" 88'					3.7	55									
306+34		RT.	NONE	S.H. CH.		18" 72'					2.6	9						13		X	
306+55		LT.	18" CMP									6									REMOVE
309+23		C	NONE	S.H. CH.	18" 116'						2.6	57			60°00'				X		
313+75		C	NONE	L.H. CH.	18" 100'						2.9	52			59°00'				X		
317+70		C	NONE	L.H. CH.	18" 104'						2.9	52			61°00'				X		
322+20		C	NONE	S.H. CH.	18" 92'						2.6	21	18		60°00'				X		
326+68		C	NONE	S.H. CH.		18" 110					2.6	50			62°00'				X		
336+22		C	NONE	S.H. CH.		30" 109'					3.5	78			63°30'			15	X		
340+63	341+37	NONE	S.H. CH.		18" 74'					1.8		11			39°00'						
341+81		LT.	2'X15 SB								7	7			82°00'						REMOVE
343+41		RT.	18" RCB								145	2									REMOVE - CONSTR. SPECIAL DITCH
223+50		LT.												24							DRIVE CULVERT
250+50		C	NONE	D.L. CH.	18" 76'				1	0.8	4'	52							X		P RCP DI. W/COVER
269+50		C	NONE	D.L. CH.	18" 94'				1	0.8	4'	47.5	54						X		P RCP DI. W/COVER
297+30	300+00	LT.			48" 8'																SPECIAL DITCH
309+87		RT.																			
346+82.7	346+82.7	RT.	18" RCB							264											DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
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346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		DRIVE CULVERT
346+82.7	346+82.7	RT.	NONE																		

THREE CABLE GUARD RAIL				
WITH STU		POSTS		
STA	STA	LT	RT	ANCH
1744.48	1774.36		288	2
195.450	203.498		848	4
198.650	203.54	704		4
210.9	211.94		144	2
219.50	220.5		448	2
222.00	243.12		2	2
242.50	245.106	256		2
256.10	268.158		112	6
260.70	261.18	48		2
272.40	276.72		432	2
277.60	280.448		288	2
283.50	291.98		848	4
324.60	334.12	1152		6
331.46	336.610		112	2
3464.95	3474.80		464	2
		7392		44

PLANK GUARD RAIL			
STA	STA	LT.	RT.
277+90		24'	
278+20		24'	
302+35		24'	
341+10		24'	
345+10		32'	
233+00			24'
244+00			24'
		128'	48'
			176'

6" P.A.C.C.G.M. UNDERDRAIN							
STA.	STA.	STA.	LF	POS	TR E	TR R	CR
212+00	212+50	850	LT	53			0.3
212+50	221+00	850	LT	519			
223+00	223+50	80	RT-LT	55			
223+50	232+50	250	LT	153			
234+50	302+00	450	LT	275			
304+50	308+50	400	RT	244			
177+00	177+50	80	RT-LT	38			0.3
177+50	183+00	550	LT	289			
186+50	194+50	820	LT	2,21			
311+50	314+50	250	RT	145			
314+00	314+50	100	RT-LT	47			0.3
TOTAL		3500					1.5

[illegible]

8" PACCGM UNDERDRAIN					
308+50	309+25	110	RT-LT	43	0.3
TOTAL		110		43	0.3

PROJECT MT. HOLLY NO. F 025-1(11)

[illegible]

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	F 025-1(11)	POST WAR	8	110

GRADES													TOTAL EXCAVATION EARTH AND ROCK			EMBANKMENT			BASE			GRADES													TOTAL EXCAVATION EARTH AND ROCK			EMBANKMENT			BASE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
VC	% GRADE	STATION	ELEVATION		CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK		CHANNEL EXCAVATION		EMBANKMENT		BASE		VC	% GRADE	STATION	ELEVATION		CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK		EMBANKMENT		BASE		VC	% GRADE	STATION	ELEVATION		CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK		CHANNEL EXCAVATION		EMBANKMENT		BASE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			ON TANGENT	ON V. CURVES			AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.				AREA	CU YDS.			AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.				AREA	CU YDS.			AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.	AREA	CU YDS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		233+50	1467.27													252													271+50	1522.41																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS[illegible]

STATE OF VERMONT
DEPARTMENT OF
HIGHWAYS

GRADES										TOTAL EXCAVATION EARTH AND ROCK				EMBANKMENT				BASE				SUMMARY OF BALANCES										B A S E							
V.C.	STATION	ELEVATION		CORR. V.C.	DIST.	TOTAL EXCAVATION EARTH AND ROCK		EMBANKMENT		BASE		V.C.	STATION	ELEVATION		CORR. V.C.	DIST.	TOTAL EXCAVATION EARTH AND ROCK		EMBANKMENT		BASE		STATION	TO STATION	TOTAL EXCAVATION EARTH AND ROCK		TOTAL EXCAVATION EARTH AND ROCK		TOTAL EXCAVATION EARTH AND ROCK		TOTAL EXCAVATION EARTH AND ROCK		CHANNEL EXCAV.	CUTS YARDS				
		ON TANGENT	ON V. CURVES			AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.			AREA	CU. YDS.			AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.			AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.			AREA	CU. YDS.	AREA	CU. YDS.
	297				0		32																		175+00	180+00	34.31		268		3112		3112		1841				
																									180+00	185+00	3858		2375		1008		4120		1670				
																									185+00	190+00	785		2683		2435		1665		1650				
																									190+00	195+00	13961		134		13800		15485		1650				
																									195+00	200+00	47		14736		17636		2151		1602				
																									200+00	205+00	155		10593		12557		14708		1605				
																									205+00	210+00	5165		715		4307		10401		1650				
																									210+00	215+00	8865		3744		2392		8009		1638				
																									215+00	220+00	14834		512		14220		6211		1654				
																									220+00	225+00	4054		1798		1896		21074		178				
																									225+00	230+00	16087		2		18085		24192		1830				
																									230+00	235+00	13043		3556		9776		32968		1830				
																									235+00	240+00	187		3055		5079		21369		1830				
																									240+00	245+00	83		11108		13277		13812		412				
																									245+00	250+00	18672		398		18194		32006		83				
																									250+00	255+00	29769		0		29769		61775		1828				
																									255+00	260+00	836		17349		20698		41077		1804				
																									260+00	265+00	115		25669		30688		10389		1788				
																									265+00	270+00	19848		6289		12325		22714		1687				
																									270+00	275+00	211323		6173		13915		36629		1239				
																									275+00	280+00	4828		12557		10240		26389		1898				
																									280+00	285+00	6861		6675		1149		25240		1639				
																									285+00	290+00	118		16706		19929		5311		1630				
																									290+00	295+00	9444		1334		7843		13154		1618				
																									295+00	300+00	2032		3378		2022		11132		1850				
																									300+00	305+00	225		3199		3614		17518		1875				
																									305+00	310+00	4992		1545		3138		10686		1960				
																									310+00	315+00	1894		4411		3399		7257		1960				
																									315+00	320+00	4380		2036		4897		132		1934				
																									320+00	325+00	3927		422		1526		2433		1830				
																									325+00	330+00	4		11387				14236		4				
																									330+00	335+00	0		16815		20178		24592		733				
																									335+00	340+00	301		5948		6837		31429		1161				
																									340+00	345+00	1088		12		858		30571		198				
																									345+00	345+92	244		63		168		30403		208				
																									APPROACH DRIVES	4082 2159		360 593		3650 1447		26753 23006				1550 697			
																									MUCK EXCAVATION			3291		3949		29255							
																									SPECIAL DITCH 250+50 RT	2901				2901		26354							
																									TRANSITIONS CUT TO FILL	2179		2179		436		26790							
																									THE BASE QUANTITY SHOWN ON EARTHWORK SUMMARY INCLUDE THE FOLLOWING ITEMS: ITEM 201-A SUB-BASE OF GRAVEL ITEM 202 SUB-BASE OF SAND ITEM 204 SUB-BASE OF CRUSHED ROCK														
																									SEE QUANTITY SHEET FOR THE TOTAL AMOUNTS OF ITEMS 201-A, 202 AND 204														
																									224767	2458	211267							2611	62641				
																									SHEET NO.	COL. NO.	SUMMARY	BY	COLUMNS	REMARKS									

LANDSCAPE MATERIAL

NORWAY SPRUCE - PICEA ABIES	248
CANADA SPRUCE - TSUGA CANADENSIS	248
WHITE CEDAR - THUJA OCCIDENTALIS	744

GENERAL PLANTING INSTRUCTIONS

THE TWO ROWS SHOULD BE STAGGERED AND 12 FEET APART, WITH TREES 3 FEET APART.

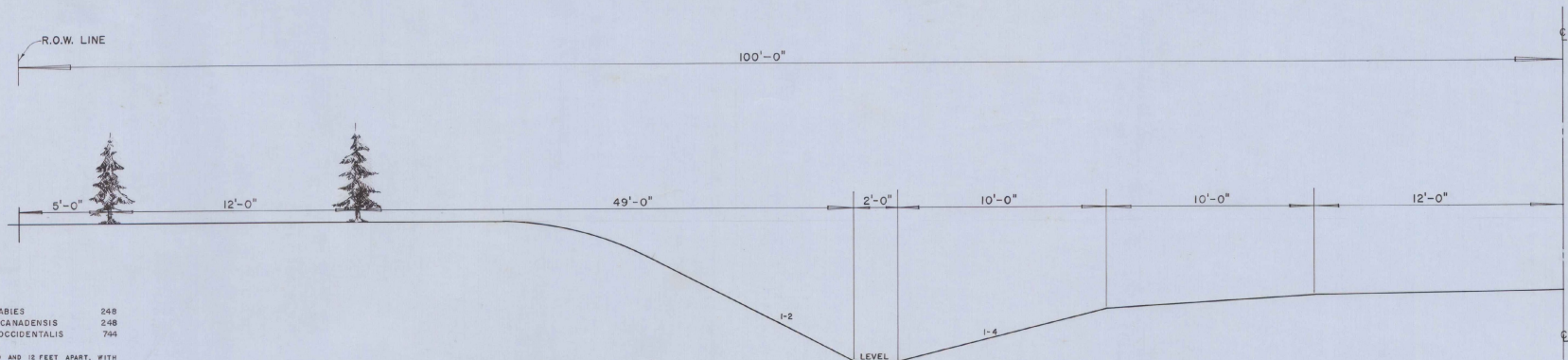
THE FIRST ROW SHOULD BE 5 FEET INSIDE RIGHT OF WAY LINE.

TREES SHOULD BE 2 1/2 TO 3 1/2 FEET IN HEIGHT.

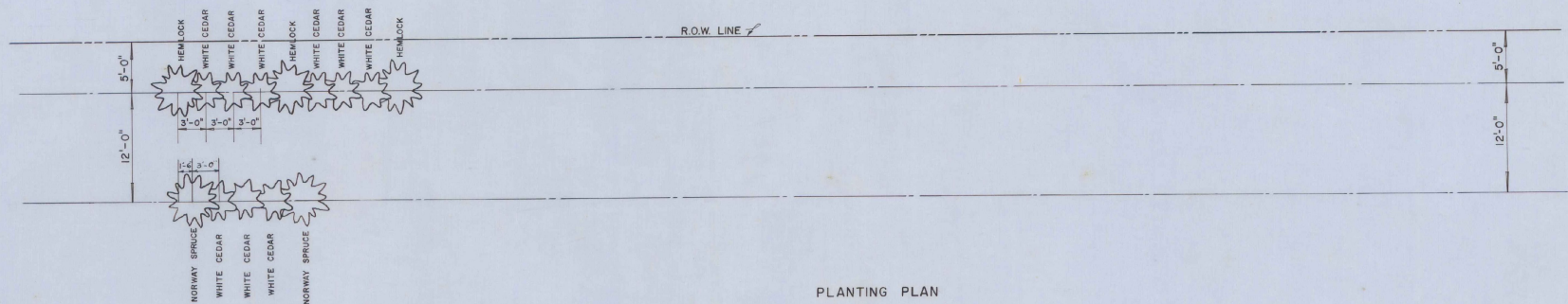
ALL TREES MUST HAVE DORMANT BUDS AND SECONDARY NEEDLES.

ALL TREES SHOULD BE GRADED ACCORDING TO AMERICAN STANDARDS FOR NURSERY STOCK.

PLANTING TO BE DONE ONLY IN THE SPRING.



TYPICAL CROSS SECTION



PLANTING PLAN

STATE OF VERMONT			
DEPARTMENT OF HIGHWAYS			
MONTPELIER, VERMONT			
LANDSCAPE DIVISION			
MOUNT HOLLY			
RTE. 103 PROJECT F025-1(11)			
DESIGNED BY	W.J.G.	SCALE	3/8" = 1'-0"
RECOMMENDED BY	R. L. E.	(NOT TO SCALE)	APR 29, 1959
APPROVED BY	W.J.G.		

BM #1
Elev. 1424.22

#1 JOHN E. & ROSANA G. HOLDEN
(A 0161) STA 174+00-177+38
MDOE 4/11/59
RECORDED: MT HOLLY-BK 27-PG 383
4/17/59

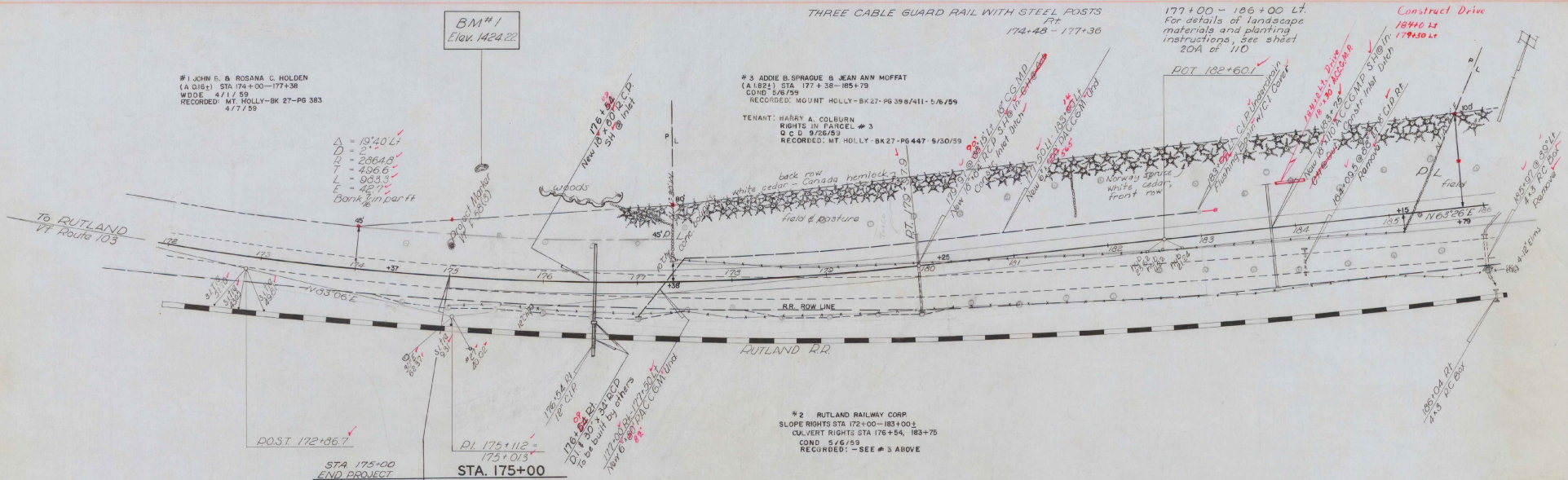
$\Delta = 19'40" \text{ LT}$
 $D = 214'$
 $T = 236'43"$
 $L = 436.6'$
 $E = 993.3'$
Bank 2 in per ft

THREE CABLE GUARD RAIL WITH STEEL POSTS
RT
174+45 - 177+35

#3 ADDIE B. SPRAGUE & JEAN ANN MOFFAT
(A 1821) STA 177+38-185+79
COND 5/6/59
RECORDED: MOUNT HOLLY-BK 27-PG 39 & 411-5/6/59
TENANT: HARRY A. COLEBURN
RIGHTS IN PARCEL # 3
O C D 5/75/59
RECORDED: MT HOLLY-BK 27-PG 447-5/30/59

177+00 - 186+00 LT
For details of landscape
materials and planting
instructions, see sheet
20A of 110

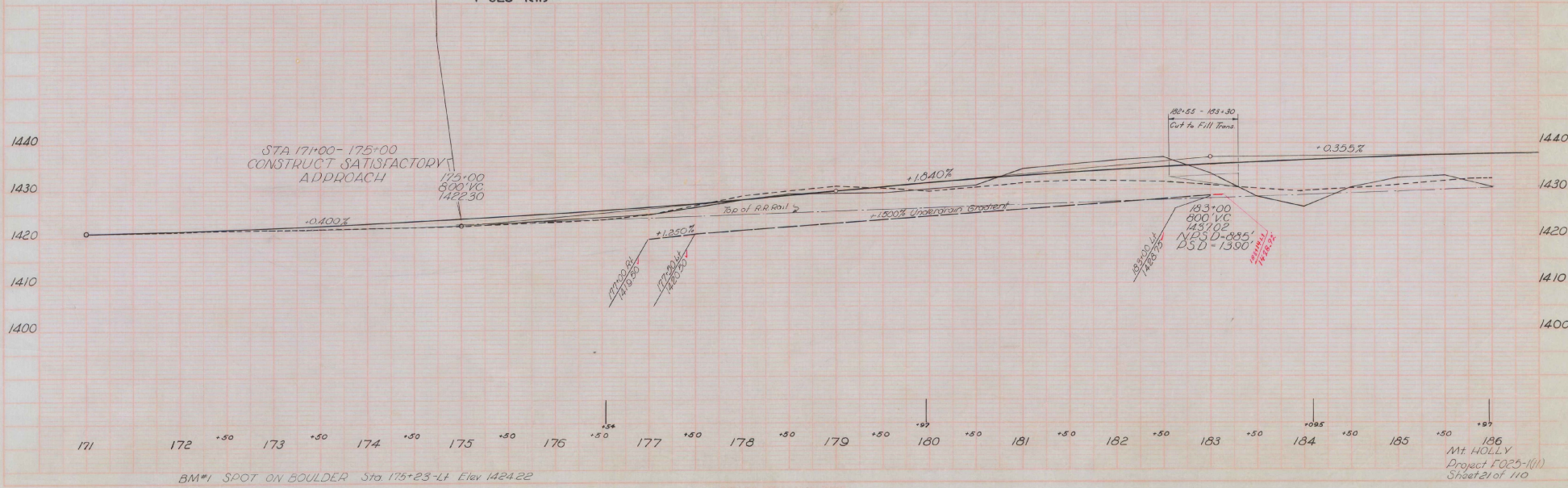
Construct Drive
184+00 LT
179+30 LT



STA 175+00
END PROJECT
F 55(3) PART A (1954)

STA 175+00
BEGIN PROJECT
F 025-K(11)

#2 RUTLAND RAILWAY CORP.
SLOPE RIGHTS STA 172+00-183+00
CL. VERT RIGHTS STA 176+54, 183+75
COND 5/16/59
RECORDED: -SEE #3 ABOVE



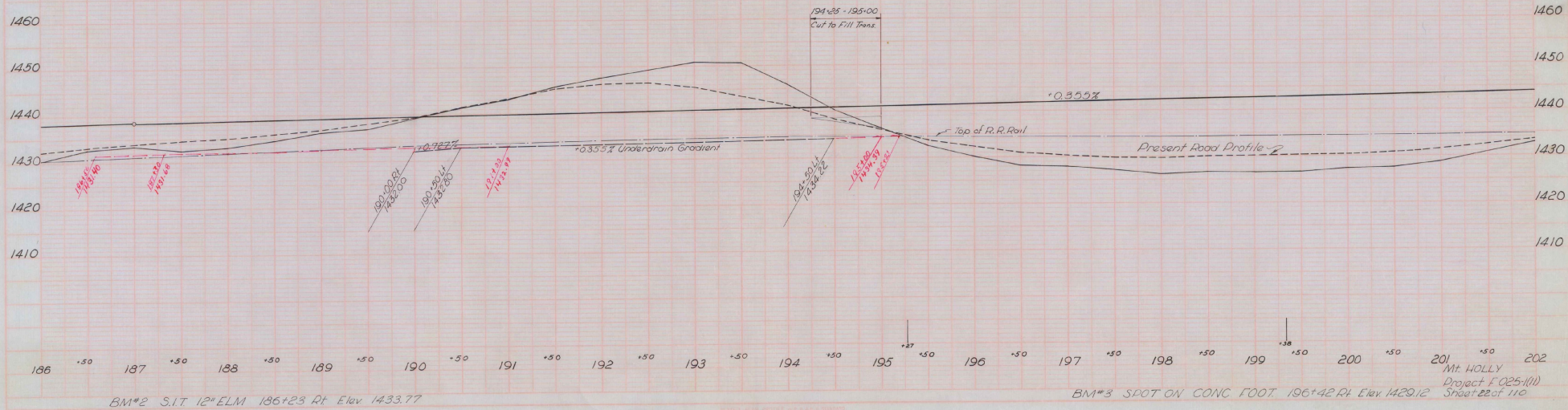
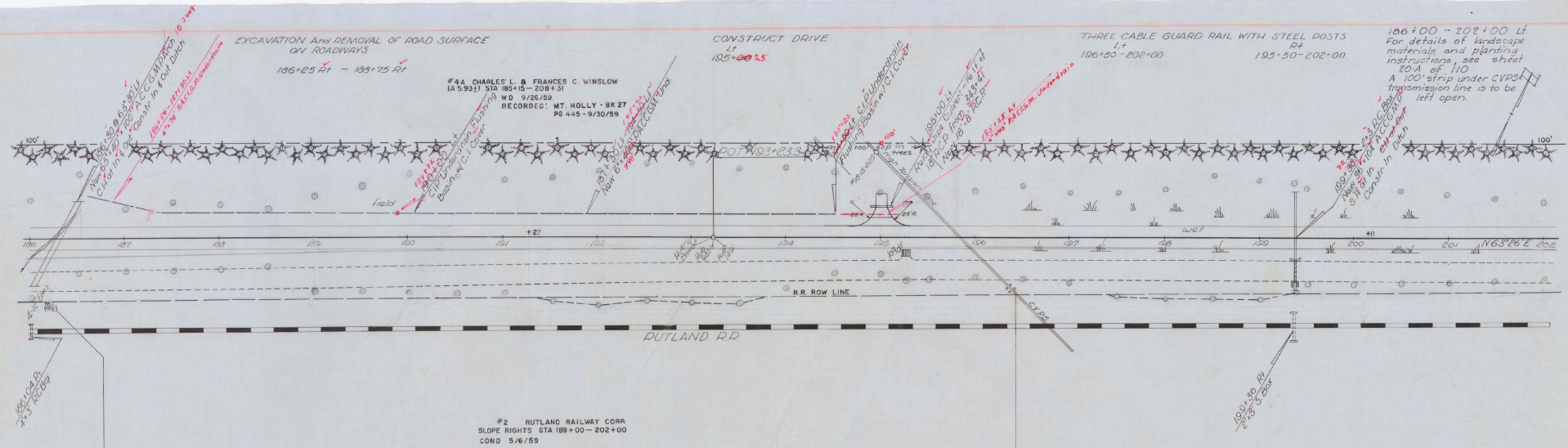
BM #1 SPOT ON BOULDER Sta 175+23-Lt Elev 1424.22

MT HOLLY
Project F025-K(11)
Sheet 21 of 110

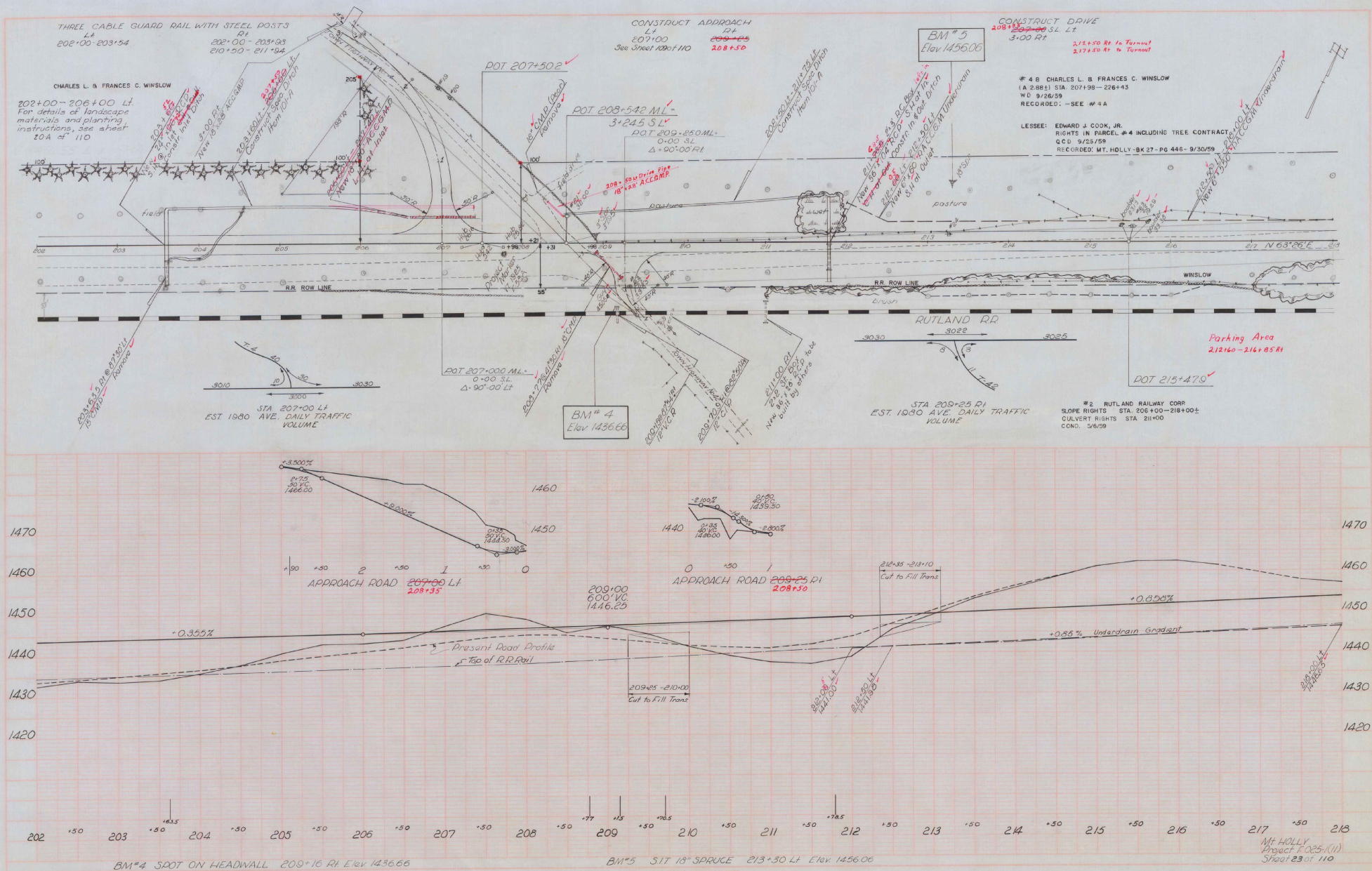
HY NY-NR

100'

100'



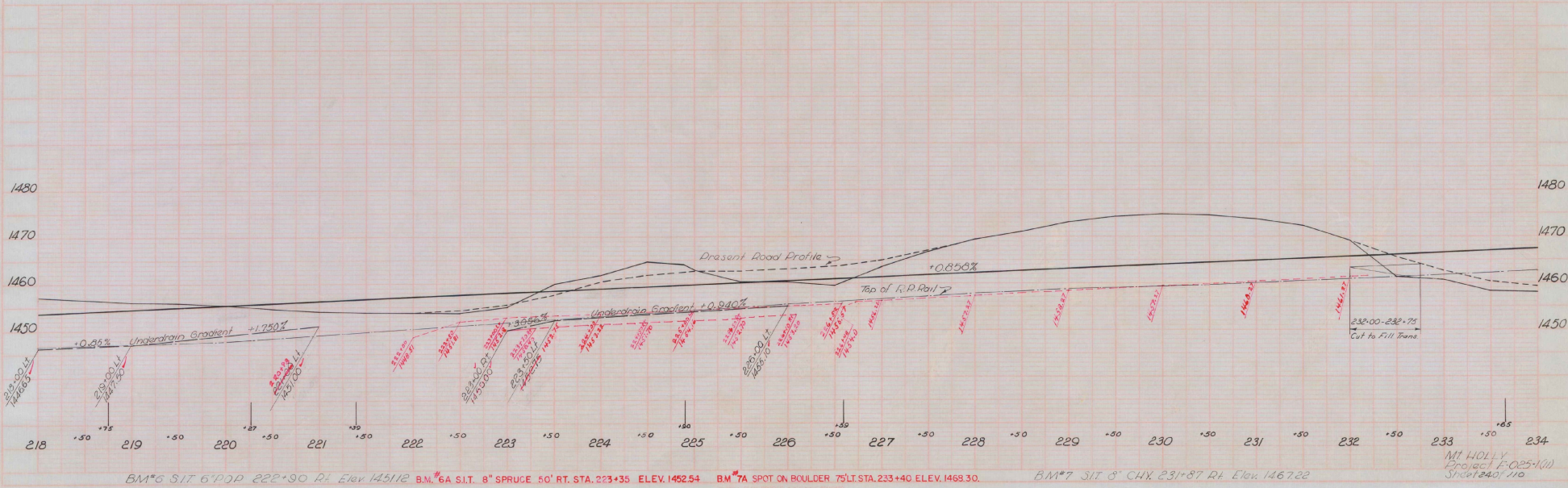
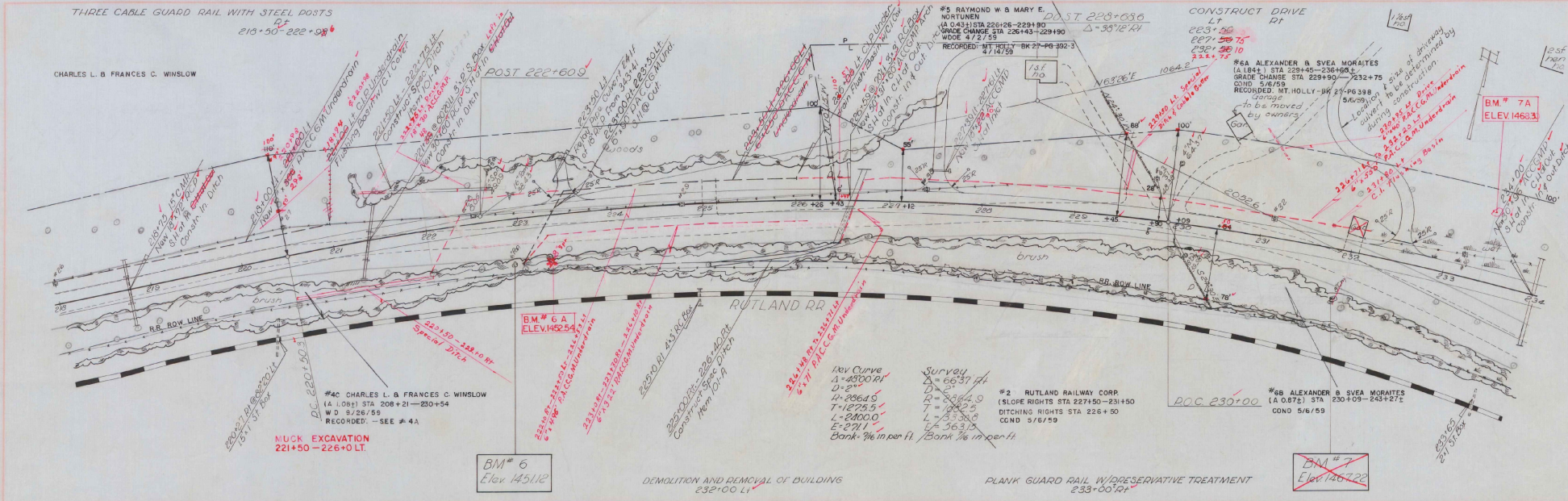
Kallio
H.Y.
W.R.



HY NY-NYR

2-5-58
2-5-58
2-5-58

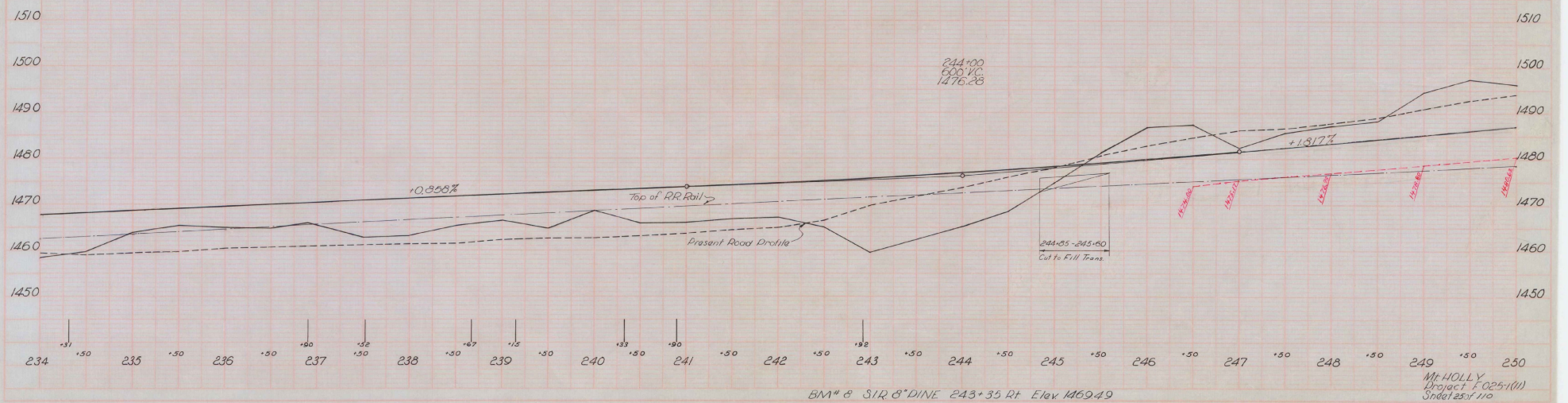
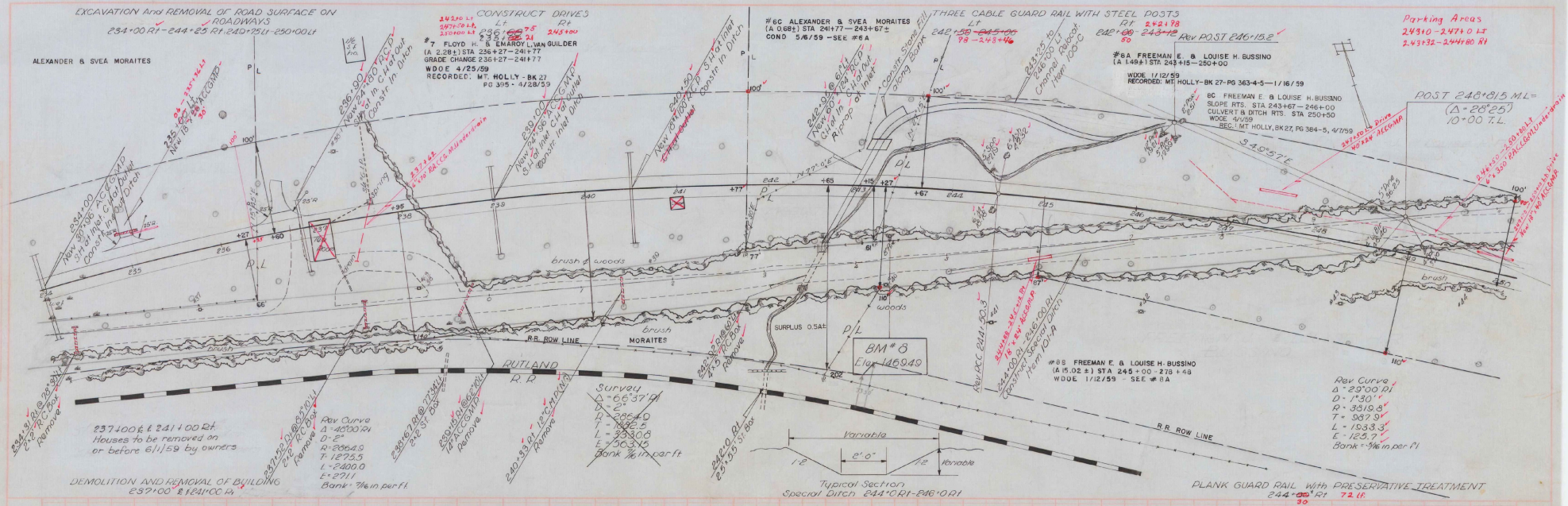
2-5-58
2-5-58
2-5-58

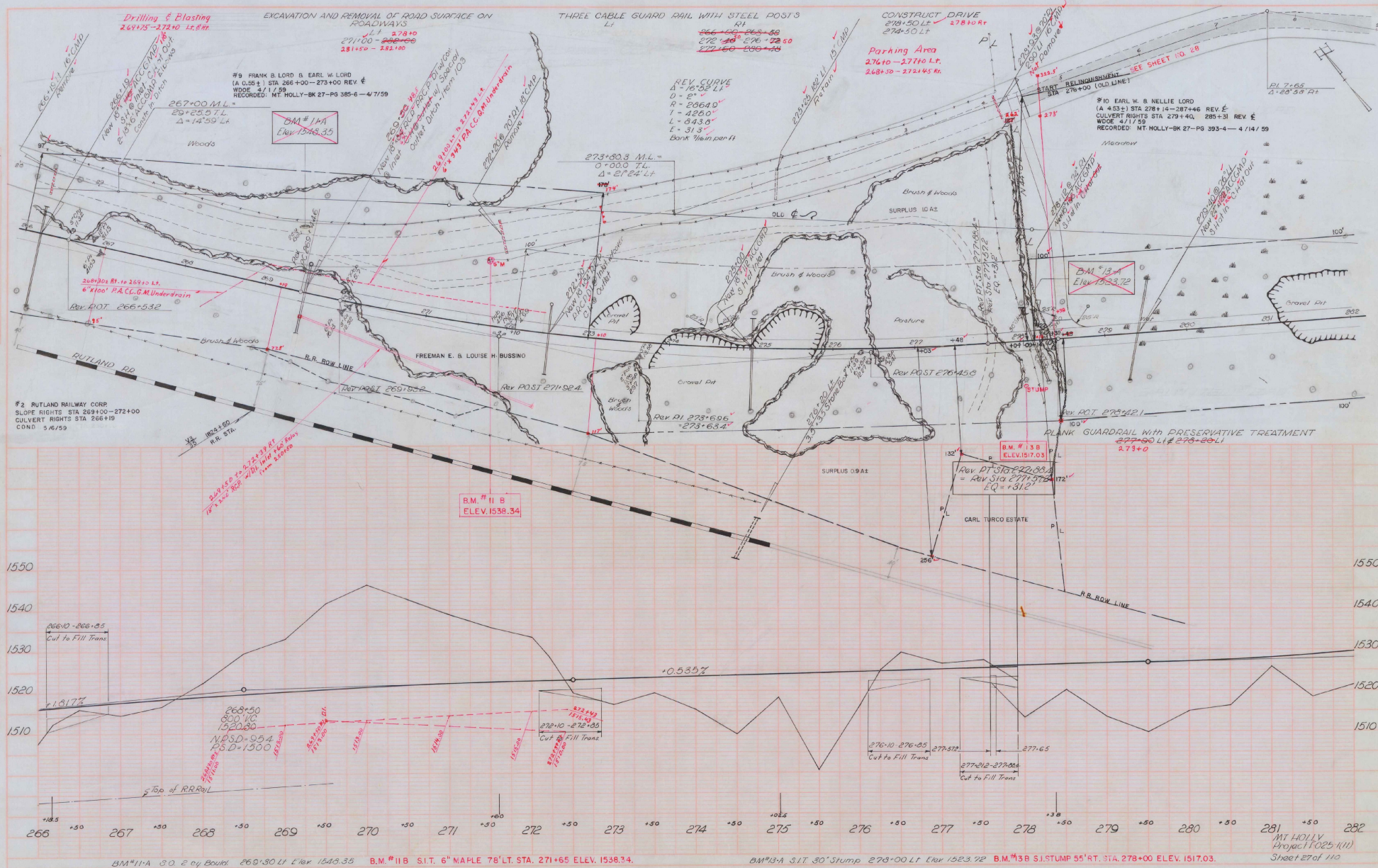


HY 11-112

5-50
5-50
5-50

5-50
5-50
5-50





Drilling & Blasting
266+75-272+10 15.5m

EXCAVATION AND REMOVAL OF ROAD SURFACE ON
ROADWAYS
P.L. 270+10
271+00 - 266+00
281+50 - 282+80

THREE CABLE GUARD RAIL WITH STEEL POSTS
P.L.
266+00 - 266+55
272+50 - 276+72.50
277+50 - 280+45

CONSTRUCT DRIVE
278+50 L.T. - 278+10 R.T.
274+50 L.T.

Parking Area
276+10 - 277+10 L.T.
268+30 - 273+45 R.T.

SEE SHEET 10.28
START RELINQUISHMENT
STA 276+00 (OLD LINE)

#10 EARL W. & NELLIE LORD
(A 4.53±) STA 278+14-287+46 REV. E.
CULVERT RIGHTS STA 279+40, 285+51 REV. E.
WOOD 4/1/59
RECORDED: MT. HOLLY-BK 27-PG 393-4 - 4/14/59

#9 FRANK B. LORD & EARL W. LORD
(A 0.55±) STA 266+00-273+00 REV. E.
WOOD 4/1/59
RECORDED: MT. HOLLY-BK 27-PG 385-6 - 4/7/59

REV. CURVE
Δ = 16°58' L.T.
D = 6°
R = 2664.0
T = 420.0
L = 643.0
E = 31.3
Bank 11m per ft

273+00.3 M.L. =
0+00.0 T.L.
Δ = 2°24' L.T.

BM #13
Elev 1533.72

BM #11B
Elev 1538.34

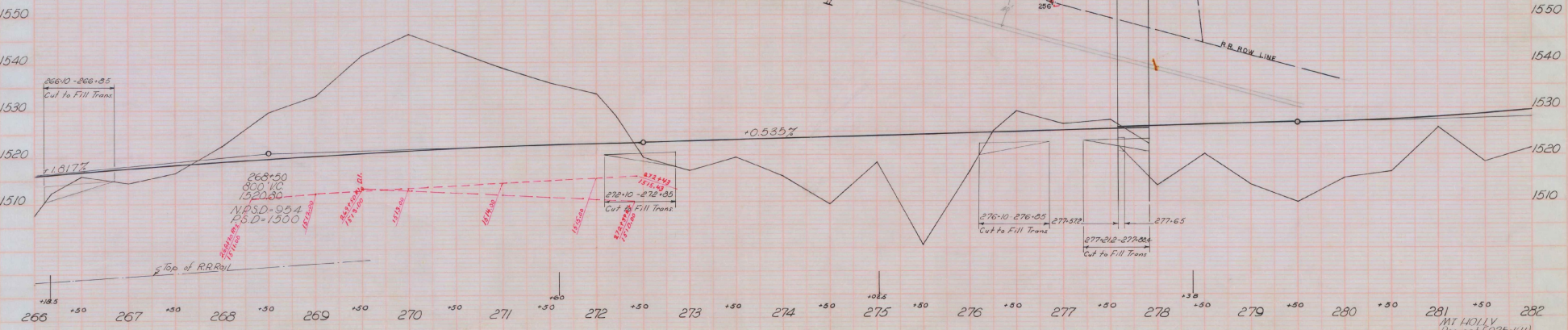
BM #13B
Elev 1517.03

Rev DT Sta 277+83.4
= Rev Sta 277+97.5
Elev = 1512'

PLANK GUARDRAIL WITH PRESERVATIVE TREATMENT
277+00 L.T. (278+20 L.T.)
273+0

#2 RUTLAND RAILWAY CORP
SLOPE RIGHTS STA 269+00-272+00
CULVERT RIGHTS STA 266+10
COND 5/6/59

FREEMAN E. & LOUISE H. BUSSING
Rev POST 271+92.4
Rev POST 269+50.0



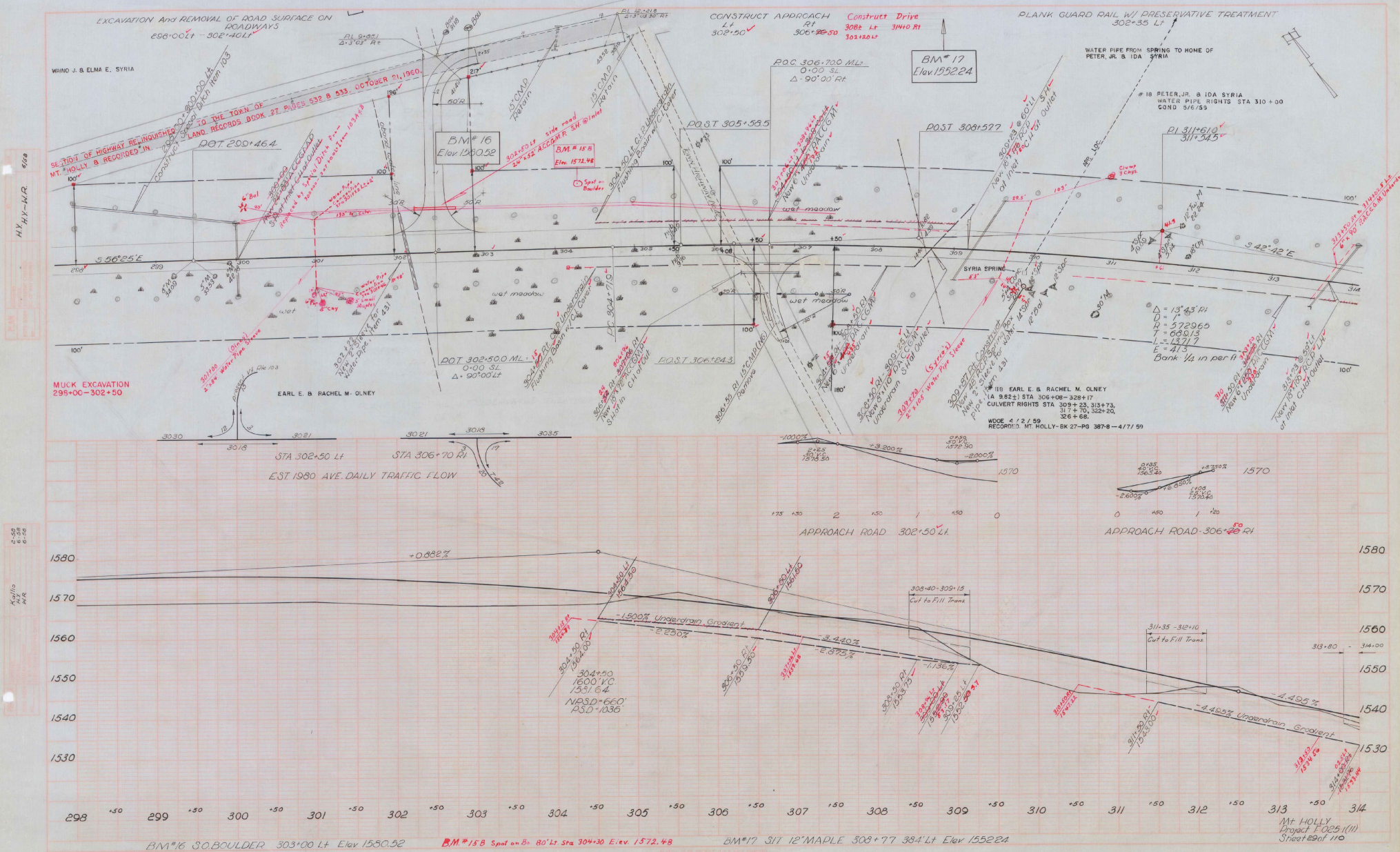
BM #11A 3' 2" by 6" Bould 269+30 L.T. Elev 1546.35

BM #11B S.I.T. 6" MAPLE 78" L.T. STA. 271+65 ELEV. 1538.34

BM #13A S.I.T. 30" Stump 278+00 L.T. Elev 1533.72

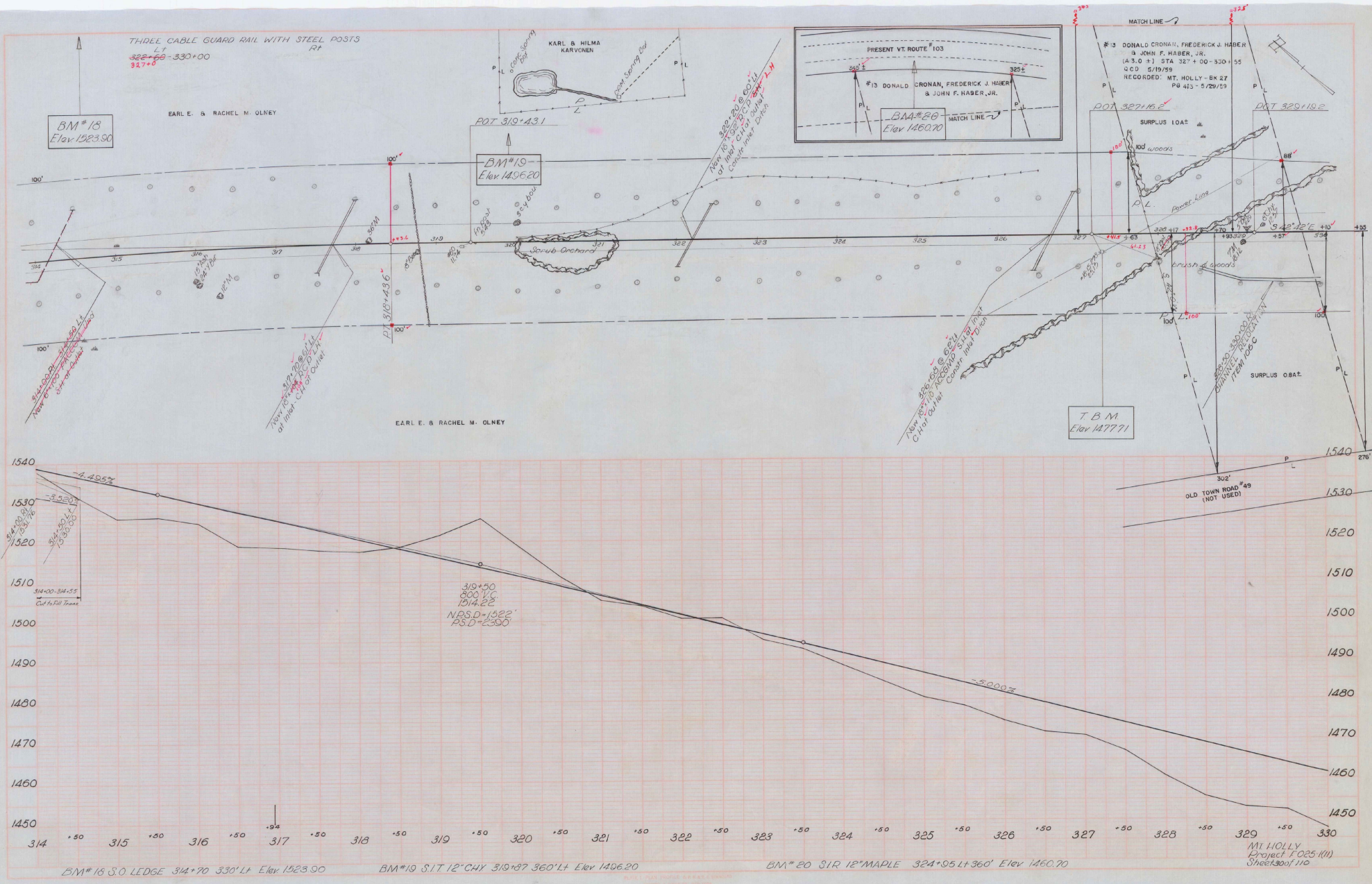
BM #13B S.I.T. 55" RT. STA. 278+00 ELEV. 1517.03

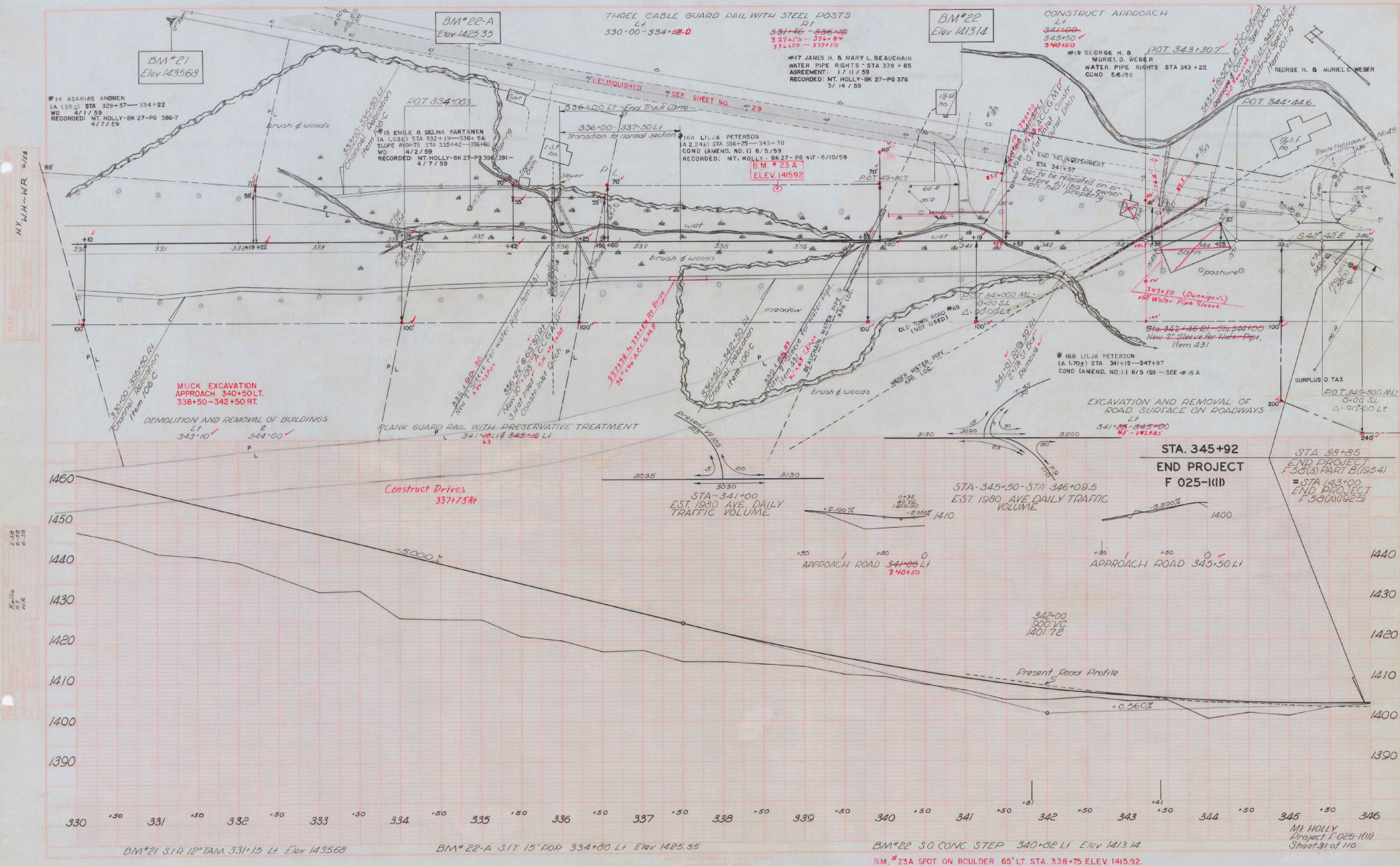
MT HOLLY
Project 1025 (111)
Sheet 27 of 110

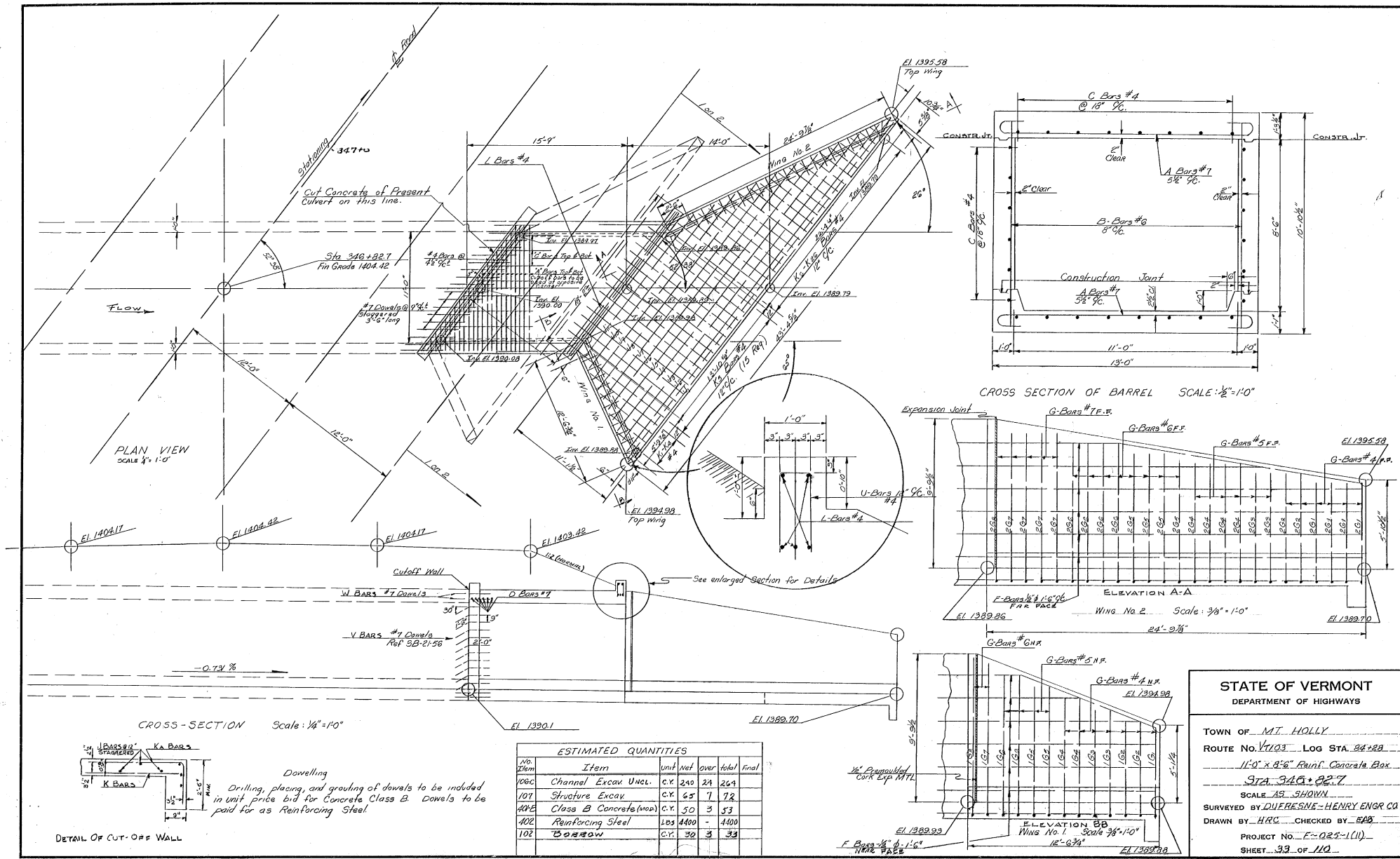


FILE
H.V. H.V.-H.R. 6/59

6-58
6-59
6-59
H.V.
H.V.
H.V.







Vermont Agency of
Transportation
PHASE 2-INTERSTATE
#122302-01
INITIALS ☐
Hanger 2771 DONE

(M)

1960

MT. HOLLY F-025-1(11)
(Vt. Rte. 103)

(M)

1960