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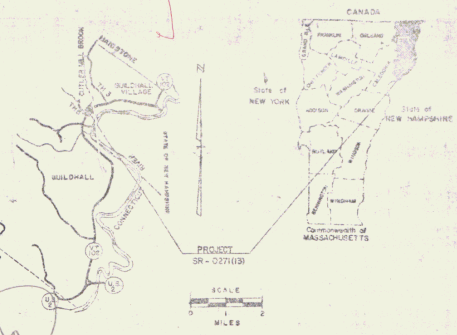
STATE OF VERMONT
AGENCY OF TRANSPORTATION

FEDERAL AID SECONDARY HIGHWAY PROJECT
PROPOSED IMPROVEMENT
TOWN OF GUILDHALL
COUNTY OF ESSEX
VERMONT ROUTE 102

R.O.W. PLANS

VT 102



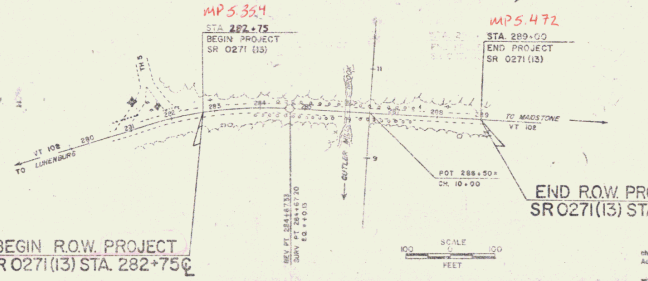
DC 3/14/00

TRAFFIC DATA:
1980 AADT = 550
1980 DHV = 105
D = 65%
T = 3%
V = 50 MPH

PROJECT LOCATION: BEGINNING AT A POINT 2.393 MILES SOUTH OF THE GUILDHALL-MAIDSTONE TOWN LINE AND PROCEEDING NORTHEASTERLY 625.13 FEET ON VT. ROUTE 102.

PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF CONSTRUCTING NEW CONCRETE HEADWALLS, NEW CONCRETE INVERT CURBS, AND INSTALLATION OF GUARD RAIL.

LENGTH OF ROADWAY = 625.13 FT. = 0.118 MI.
LENGTH OF BRIDGE
LENGTH OF PROJECT = 625.13 FT. = 0.118 MI.
LENGTH OF R.O.W. PROJECT = 625.13 FT. = 0.118 MI.



mp 5.36 - mp 5.47

BEGIN R.O.W. PROJECT
SR 0271 (13) STA. 282+75℄

END R.O.W. PROJECT
SR 0271 (13) STA. 289+00℄

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 POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

DATUM
VERTICAL
HORIZONTAL

These plans are subject to such engineering changes as may be required by the Federal Highway Admin. or the Director of Engineering and Construction.

Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction, dated March, 1976, as revised by the Federal Highway Administration on October 27, 1978. Work on this project including all improvement projects and such revised specifications and special provisions as are incorporated in these plans.

Pin# 76E088

SUBMITTED BY MEMBER OF THE STATE TRANSPORTATION BOARD
APPROVED: 1 Aug 1980 DATE
DIRECTOR OF ENGINEERING AND CONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED: DATE
DIVISION ADMINISTRATOR

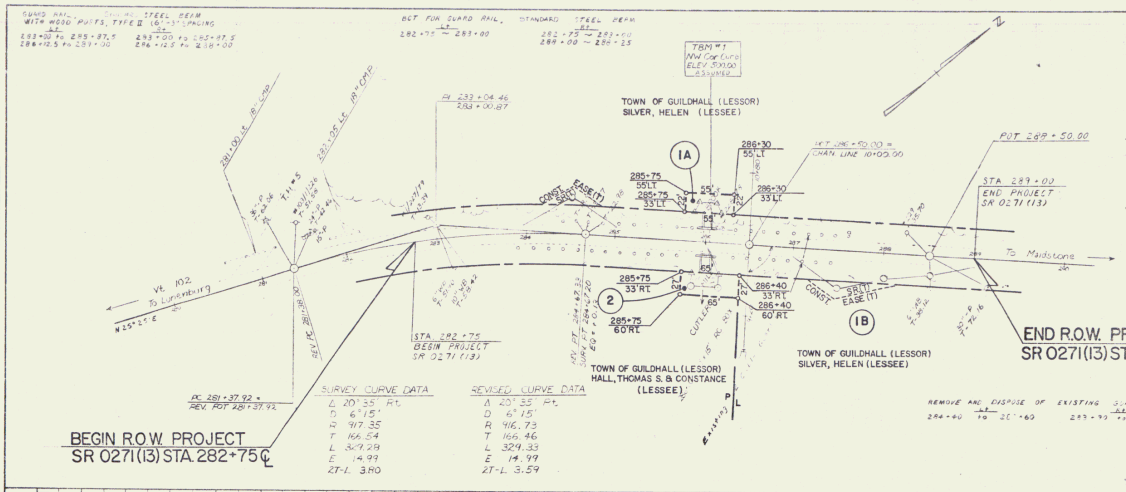
APPROVED: 3-28-80
DIVISION ADMINISTRATOR

PROJECT: GUILDHALL
AT: SR 0271 (13)
1 / 3

GUARD RAIL, TYPE III STEEL BEAM WITH WOOD POSTS, TYPE II (6'-3" SPACING)
LT: 283+00 to 285+87.5; 286+12.5 to 287+00
RT: 283+00 to 285+97.5; 286+12.5 to 288+00

BGT FOR GUARD RAIL, STANDARD STEEL BEAM
LT: 282+75 ~ 283+00
RT: 282+75 ~ 283+00; 286+00 ~ 286+25

TBM #1
NW Cor Culv
ELEV. 510.00
ASSUMED



SURVEY CURVE DATA	
Δ	20°35' Rt.
D	6°15'
R	917.35
T	166.64
L	329.29
E	14.99
2T-L	3.80

REVISED CURVE DATA	
Δ	20°35' Rt.
D	6°15'
R	916.73
T	166.46
L	329.33
E	14.99
2T-L	3.59

REMOVE AND DISPOSE OF EXISTING GUARD RAIL
LT: 284+40 to 287+60
RT: 283+99 to 287+45

GENERAL NOTES

SEED, ITEM 651.10
TO BE APPLIED AS DIRECTED BY THE ENGINEER

% WT	LBS/A	NAME	PUR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREEPING RED FESCUE	98	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	5	BIRDSFOOT TREFOIL (VAR. EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60 LBS/ACRE			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE FROM ALL NOXIOUS WEED SEED

MARKER POSTS, (WOOD OR STEEL AS SPECIFIED)
TO BE PLACED AS DIRECTED BY THE ENGINEER

FERTILIZER, ITEM 651.15
FORMULA 10-20-10 TO BE USED WITH SEED, ITEM 651.10 APPLIED AT THE RATE OF 500 LBS/ACRE

AGRICULTURAL LIMESTONE, ITEM 651.20
TO BE APPLIED AT RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER

HAY MULCH, ITEM 651.25
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE

TOPSOIL, ITEM 653.10
TO BE USED WITH SEED, ITEM 651.10 IN RESIDENTIAL AREAS, AS DIRECTED BY THE ENGINEER

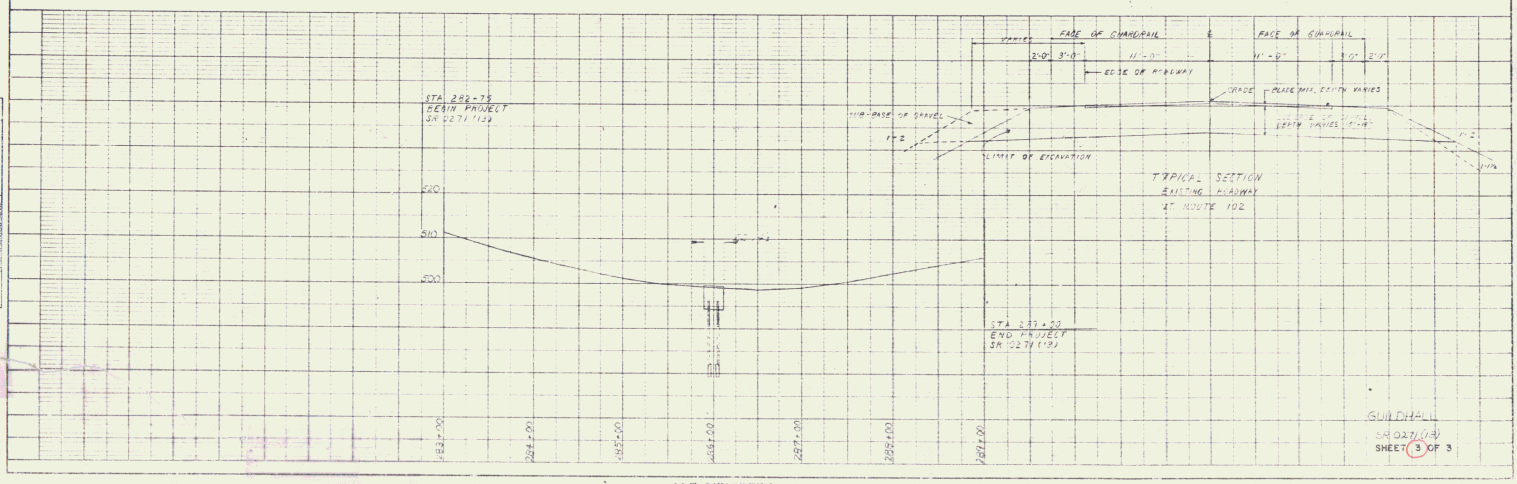
SEE STANDARD SHEET B-5 FOR TYPICAL SLOPE ROUNDING

SEE STANDARD SHEET D-2 FOR PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN

ALLOWABLE THICKNESS TOLERANCES

SUB-BASE	± 1"
CONTROLLED MATERIAL	± 1"
PAVEMENT	± 1/4"
BASE COURSE	± 1/2"

SCALE
0 50 100
FEET



GUILDHALL
SR 0271(13)
SHEET 3 OF 3

K+E PLATE 1 PLAN-PROFILE
KEUFFEL & ESSER CO.

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