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JAN. 8, '76
 APRIL 3, '78 (R)
 MAY 29, '78 (R)

STATE OF VERMONT
 AGENCY OF TRANSPORTATION



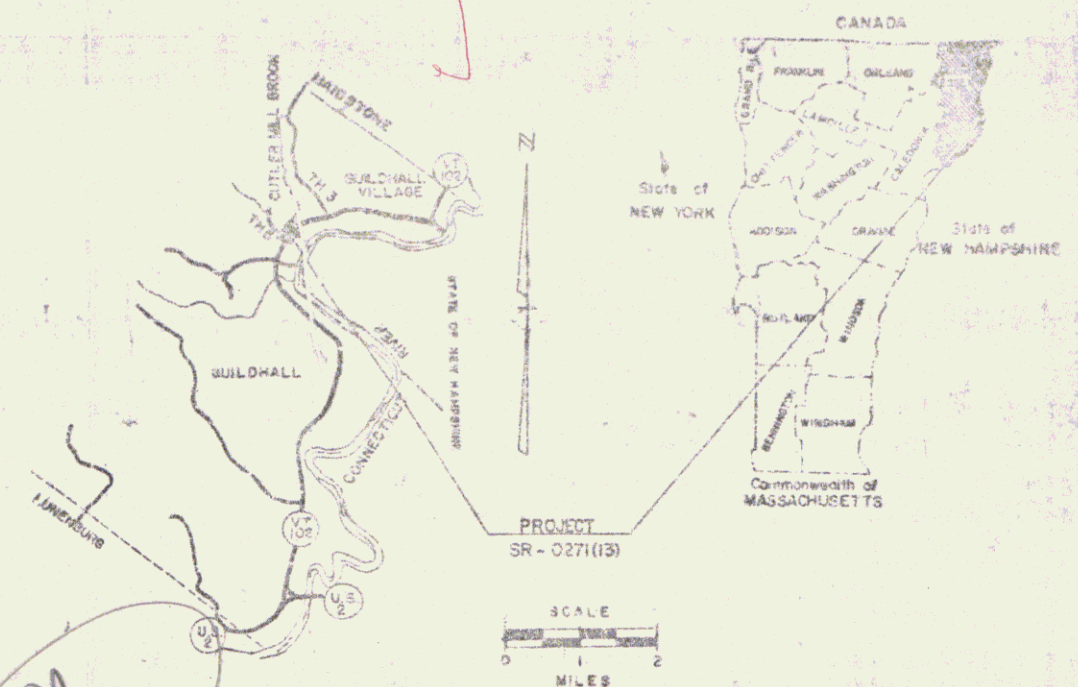
FEDERAL AID SECONDARY HIGHWAY PROJECT
 PROPOSED IMPROVEMENT
TOWN OF GUILDHALL
 COUNTY OF ESSEX
VERMONT ROUTE 102

R.O.W. PLANS

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.

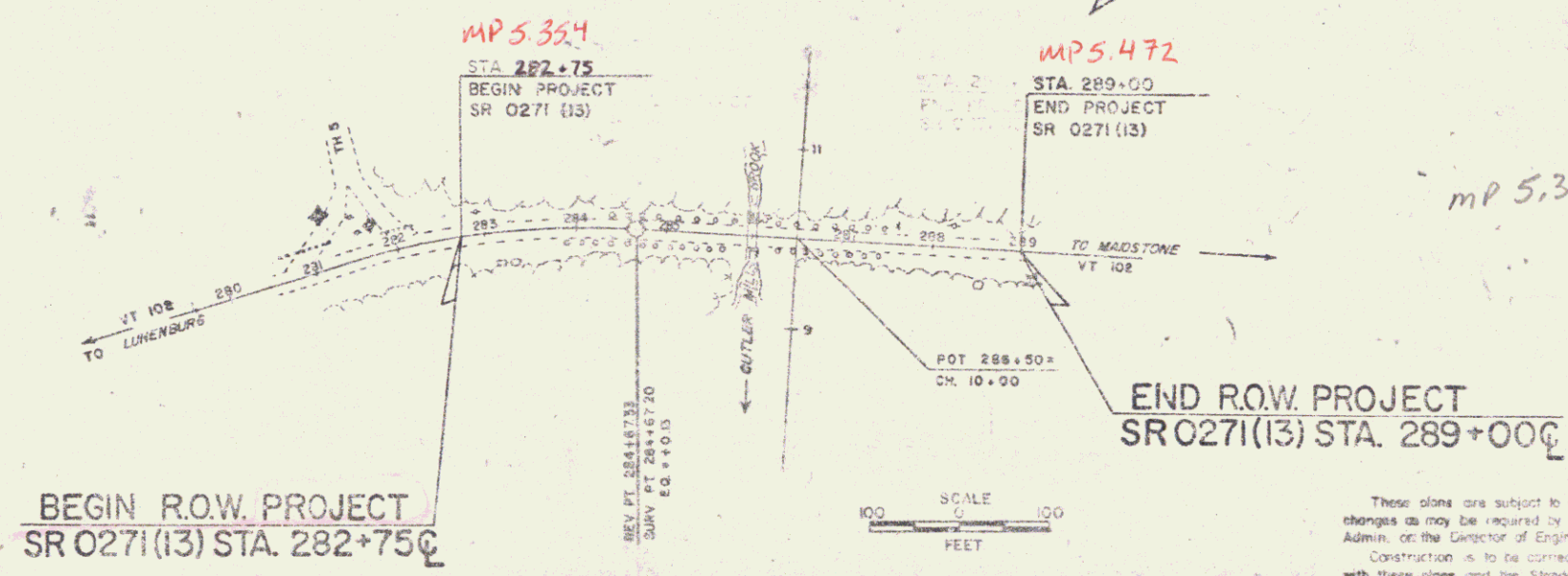
LENGTH OF ROADWAY = 625.13 FT = 0.118 MI.
 LENGTH OF BRIDGE
 LENGTH OF PROJECT = 625.13 FT = 0.118 MI.
 LENGTH OF R.O.W. PROJECT = 625.13 FT = 0.118 MI.



TRAFFIC DATA
 1980 AADT = 580
 1980 DHV = 105
 D = 65%
 T = 3%
 V = 50 MPH

VT 102

- 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



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, July, March, 1976, as approved by the Federal Highway Administration on October 27, 1975, for the use of this project including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

Pin # 76E088

APPROVED: [Signature] DATE: [Blank]
 DIRECTOR OF ENGINEERING AND CONSTRUCTION
 DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED: [Signature] DATE: [Blank]
 DIVISION ADMINISTRATOR

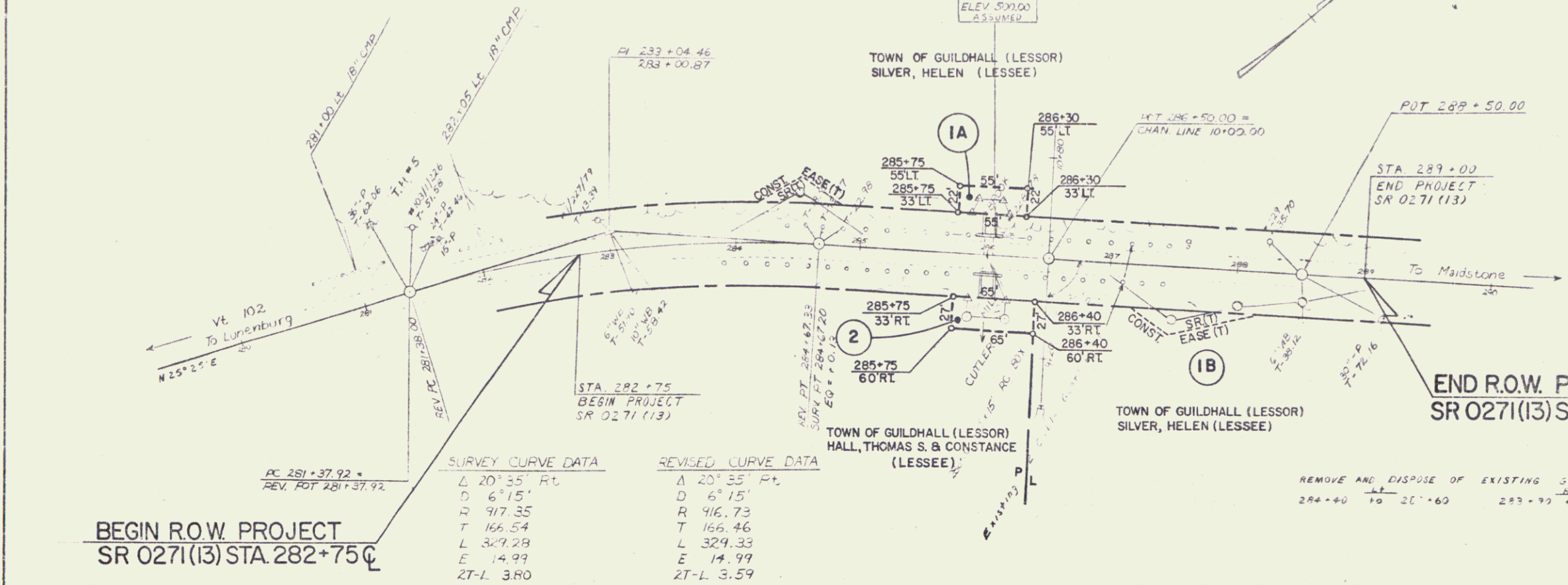
PROJECT: GUILDHALL
 SR 0271(13)
 3

GUARD RAIL - 4" X 4" STEEL BEAM
WITH WOOD POSTS, TYPE E (6" x 3" SPRING
283+00 TO 285+97.5 283+00 TO 285+97.5
286+02.5 TO 287+00 286+02.5 TO 287+00

BCT FOR GUARD RAIL, STANDARD STEEL BEAM
282+75 TO 283+00 282+75 TO 283+00
288+00 TO 288+25 288+00 TO 288+25

PLAN

DATE	NOV 19 1988
BY	J. J. GIBSON
CHECKED BY	J. J. GIBSON
SCALE	AS SHOWN
PROJECT	SR 0271(13)
SHEET	3 OF 3



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

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

SURVEY CURVE DATA		REVISED CURVE DATA	
Δ	20° 35' RT	Δ	20° 35' RT
D	6° 15'	D	6° 15'
R	917.35	R	916.73
T	166.54	T	166.46
L	329.28	L	329.33
E	14.99	E	14.99
ZT-L	3.80	ZT-L	3.59

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
13.34	5	ALFALFA (VAR. SARAVAC)	99	85
4.33	5	BIOSPOOT TREFOIL (VAR. EMPIRE)	98	85
1.00	3	HIGHLAND BENT GRASS	92	85
100.00	60	LBS/ACRE		

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.00% 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

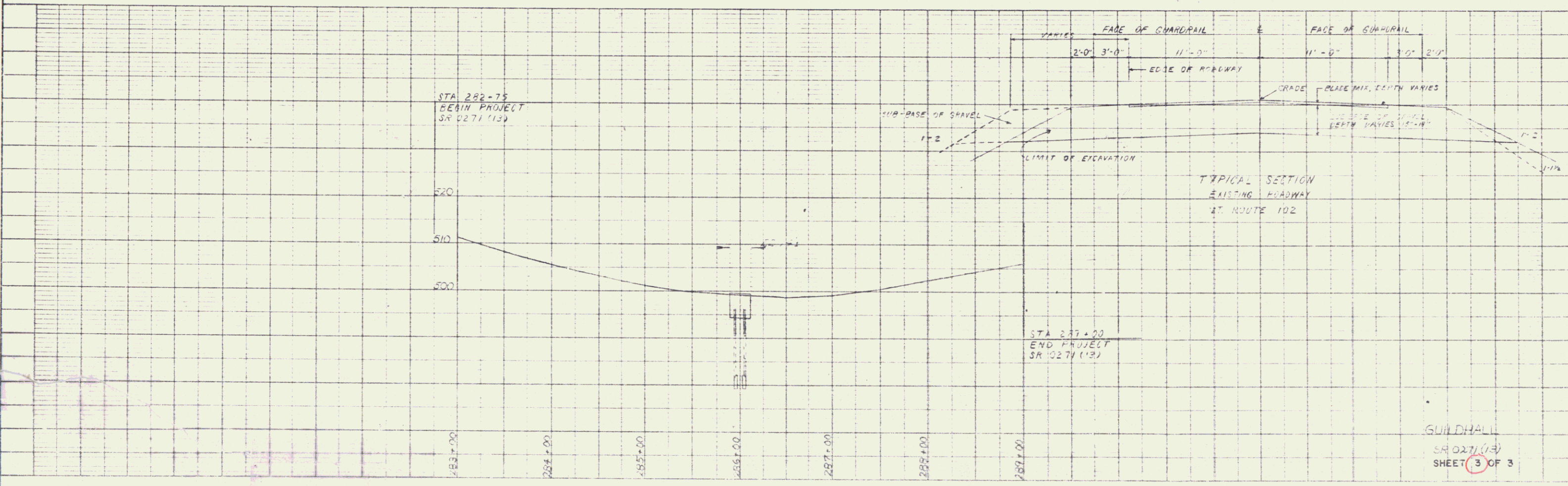
ALLOWABLE THICKNESS TOLERANCES

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



PROFILE

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TYPICAL SECTION
EXISTING ROADWAY
AT ROUTE 102

GUILDHALL
SR 0271(13)
SHEET 3 OF 3