

Under Town Control

INDEX OF SHEETS

1	TITLE SHEET
2	TYPICAL CROSS SECTION OF IMPROVEMENT (1 1/2" Bit. Conc. Pav't.)
3-4	DETAILS OF DIVISIONAL ISLANDS
5	QUANTITY SHEET (ITEMS)
6	QUANTITY SHEET (DRAINAGE)
7-8	EARTHWORK SHEETS
9	STANDARD SHEET E-1 (BANKING TABLES)
10	STANDARD SHEET E-5 (TYPICAL SLOPE GRACING)
11	STANDARD SHEET E-6 (MUCK EXCAVATION)
12	STANDARD SHEET E-11 (SLOPE STABILIZATION)
13	STANDARD SHEET C-1 (CURBS & BIT. CONC. SIDEWALK)
14	STANDARD SHEET D-2 (CPM & HEADWALLS)
15	STANDARD SHEET D-3 (JUTE MATTING)
16	STANDARD SHEET D-4 (FLUSHING BASINS, ACCOMP. ELBOWS)
17	STANDARD SHEET D-8 (R.C.C.I.)
18	STANDARD SHEET D-9 (PCDI TOP W/GRANITE CURB)
19	STANDARD SHEET D-10 (PCDI TOP W/GRAN. SLOPE EDGING)
20	STANDARD SHEET D-11 (GRATES)
21	STANDARD SHEET E-1 (BARRICADES, SIGNS & LIGHTS)
22	STANDARD SHEET E-3 (FEDERAL AID CONSTRUCTION SIGNS)
23	STANDARD SHEET C-3 (THREE CABLE GUARD RAIL)
24	STANDARD SHEET G-4 (MARKER POSTS, GUIDE POSTS)
25	STANDARD SHEET J-1 (PROJECT MARKERS, BOUNDARY MARKERS)
26-31	PLAN AND PROFILE SHEETS
32-51	CROSS SECTION SHEETS
49	CURVE BANKING TRANSITION DIAGRAMS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT
TOWN OF SOUTH BURLINGTON
COUNTY OF CHITTENDEN
U.S. #2 SPUR
SHELBURNE-SO. BURLINGTON ROAD

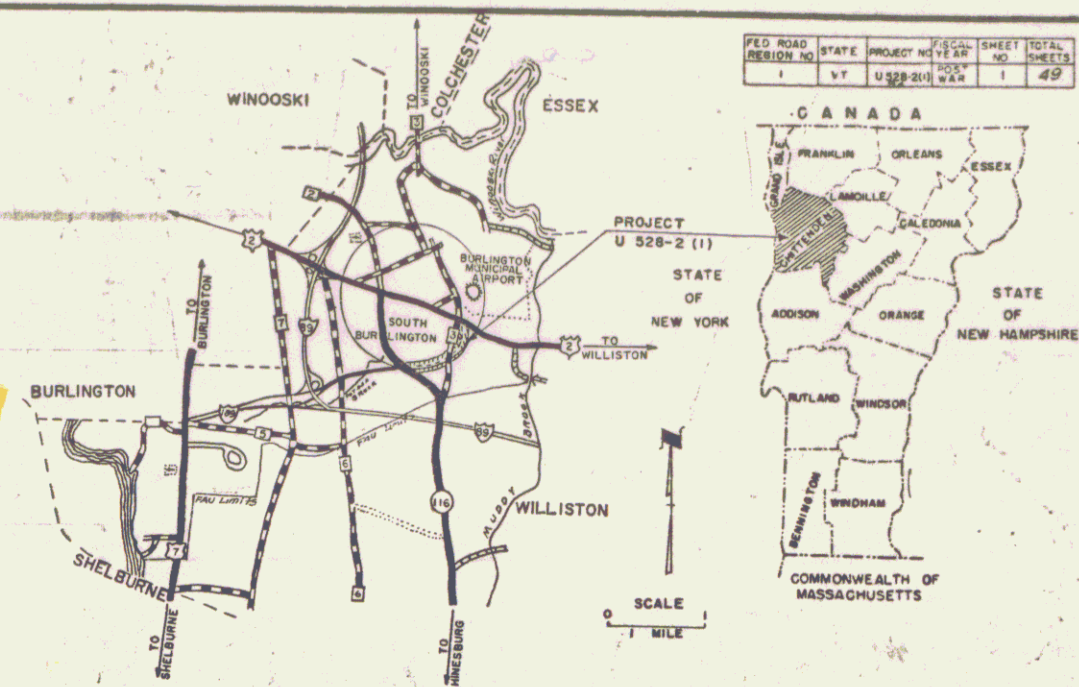
BEGINNING AT A POINT APPROXIMATELY 3.3 MILES
NORTHERLY OF THE SOUTH BURLINGTON-
WILLISTON TOWN LINE, AT THE INTERSECTION OF
VT. RTE # 116 AND U.S. RTE. # 2 SPUR, AND
EXTENDING NORTHEASTERLY 0.820 MILES.

LENGTH OF PROJECT 4,332.2 FEET 0.820 MILES

1963 A.D.T.	900
1965 A.D.T.	2000
1965 D.V.V.	240
V	50 M.P.H.
D	6.4%
T	5%

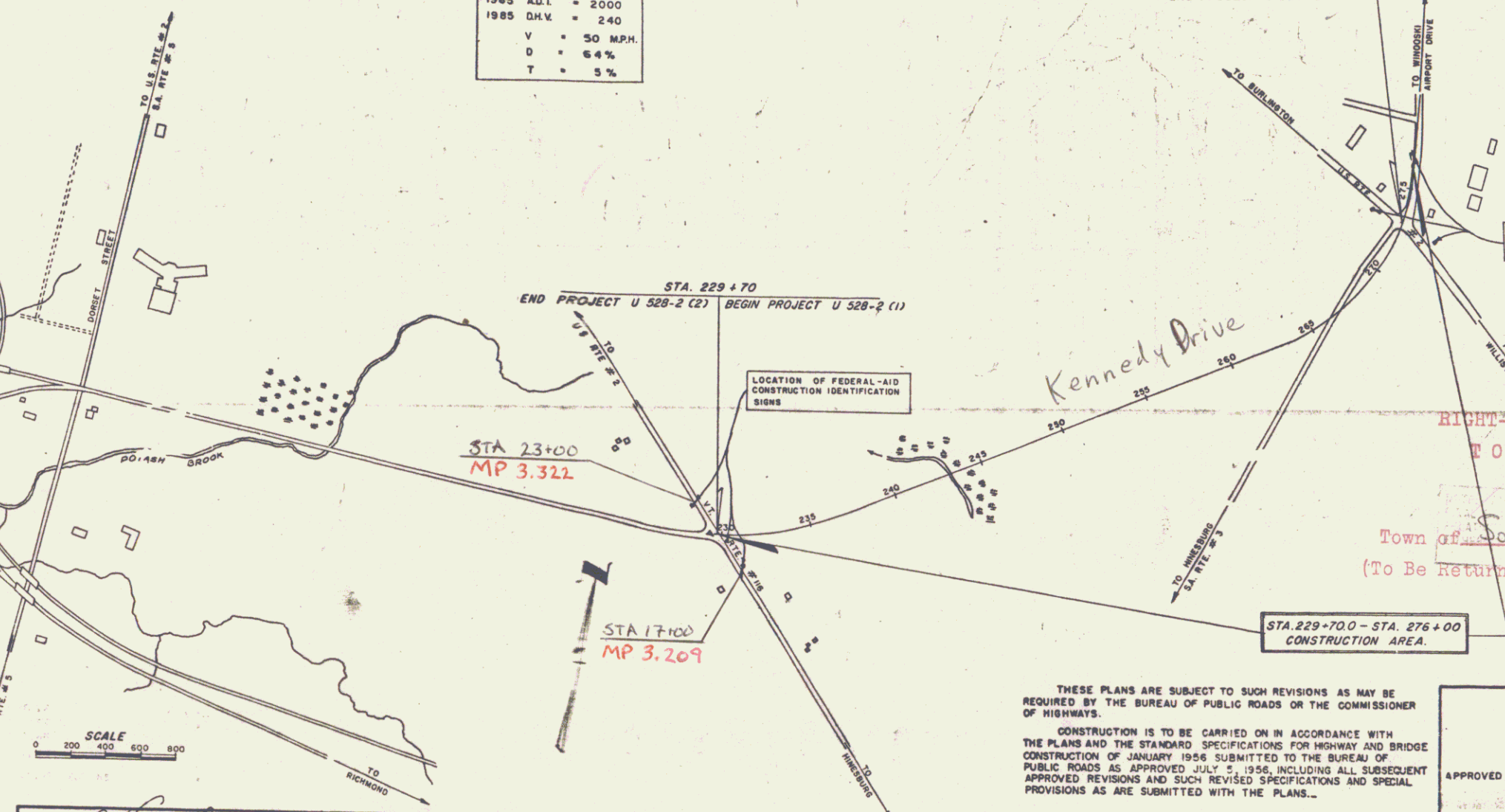
PROJECT NAME & NUMBER TYPE PAVEMENT AREA.
SOUTH BURLINGTON U528-2(1) SA. BIT. CONC. PAVT. 19,254 S.Y.
RECORD PLANS
MATERIALS

- SUBBASE OF SAND - S.T. GRISWOLD PIT - SOUTH BURLINGTON, VT.
- SUBBASE OF GRAVEL - DRISCOLL PIT - HINESBURG, VT.
- BITUMINOUS CONCRETE - L.M. PIKE & SON (PLANT) - WILLISTON, VT.
- PEN. MACADAM CRUSHED STONE BASE COURSE - DEMERS QUARRY - WINDOOSKI, VT.
- ASPHALT CEMENT - HUMBLE OIL CO. - EVERETT, MASS.
- CONCRETE CLASS "B", R.C. PIPE, THREE CABLE GUARD RAIL, STEEL MARKER POSTS, BOUNDARY MARKERS & JUTE MATTING - S.T. GRISWOLD & CO., INC. - WILLISTON, VT.
- REINFORCING STEEL - BETHLEHEM STEEL CO. - BETHLEHEM, PA.
- CAST IRON GRATES - SMITH, WHITCOMB & COOK CO. - BARRE, VT.
- A.C.C.G. MET. PIPE - NEW ENGLAND METAL CULVERT CO. - WHITE RIVER JUNCTION, VT.
- C.I. FL. BASIN COVERS - E.L. LEBARON FDRY. - BROCKTON, MASS.
- GRANITE CURB - ROCK OF AGES CORP. - BARRE, VT.
- CONTRACTOR - ROGERS BROS. RANDOLPH, VT.
- RES. ENG. - STEPHEN R. PIRO.
- INSPECTOR - HUGH STROBEL.
- RECORD PLANS - S. R. PIRO.
- CONTRACT DATED - OCTOBER 14, 1964.
- STARTED - OCTOBER 20, 1964.
- COMPLETED - JULY 21, 1965.
- ACCEPTED - JULY 21, 1965.



PROJECT	NO.	U528-2(1)
NUMBER	DATE	7/21/65
TYPE	SA. BIT. CONC. PAVT.	
CONTRACTOR	ROGERS BROS.	
LOCATION	SOUTH BURLINGTON	

RIGHT-OF-WAY LINE
SLOPE RIGHTS
GROUND ELEVATION
GRADE ELEVATION
CURVE DATA
DEFLECTION OF ANGLE	A
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	P.O.T.
POINT ON SUB-TANGENT	POST



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.

APPROVED <i>[Signature]</i> ASST. CHIEF ENGINEER DATE 8/24/64	APPROVED <i>[Signature]</i> SECONDARY ENGINEER DATE 8/20/64	APPROVED <i>[Signature]</i> SUPERVISOR ENGINEER DATE 8/20/64	APPROVED BRIDGE ENGINEER DATE	APPROVED <i>[Signature]</i> DISTRICT ENGINEER DATE 8/20/64	APPROVED <i>[Signature]</i> HIGHWAY ENGINEER DATE 8/20/64	APPROVED <i>[Signature]</i> CHIEF ENGINEER DATE 8/21/65
---	---	--	-------------------------------------	--	---	---

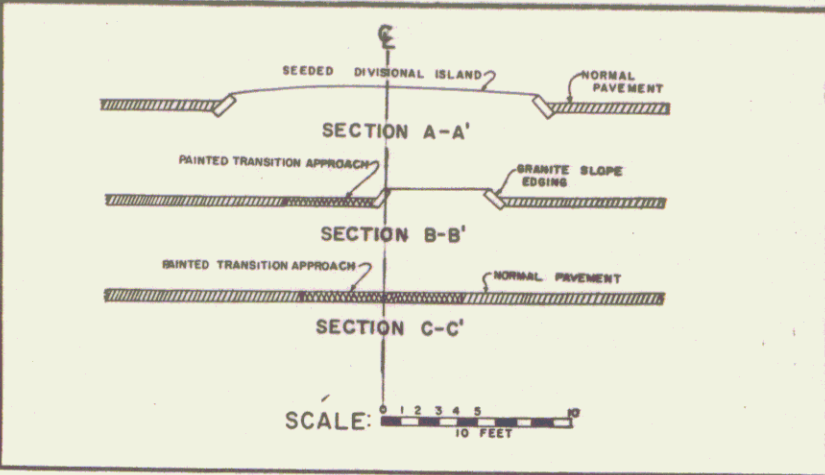
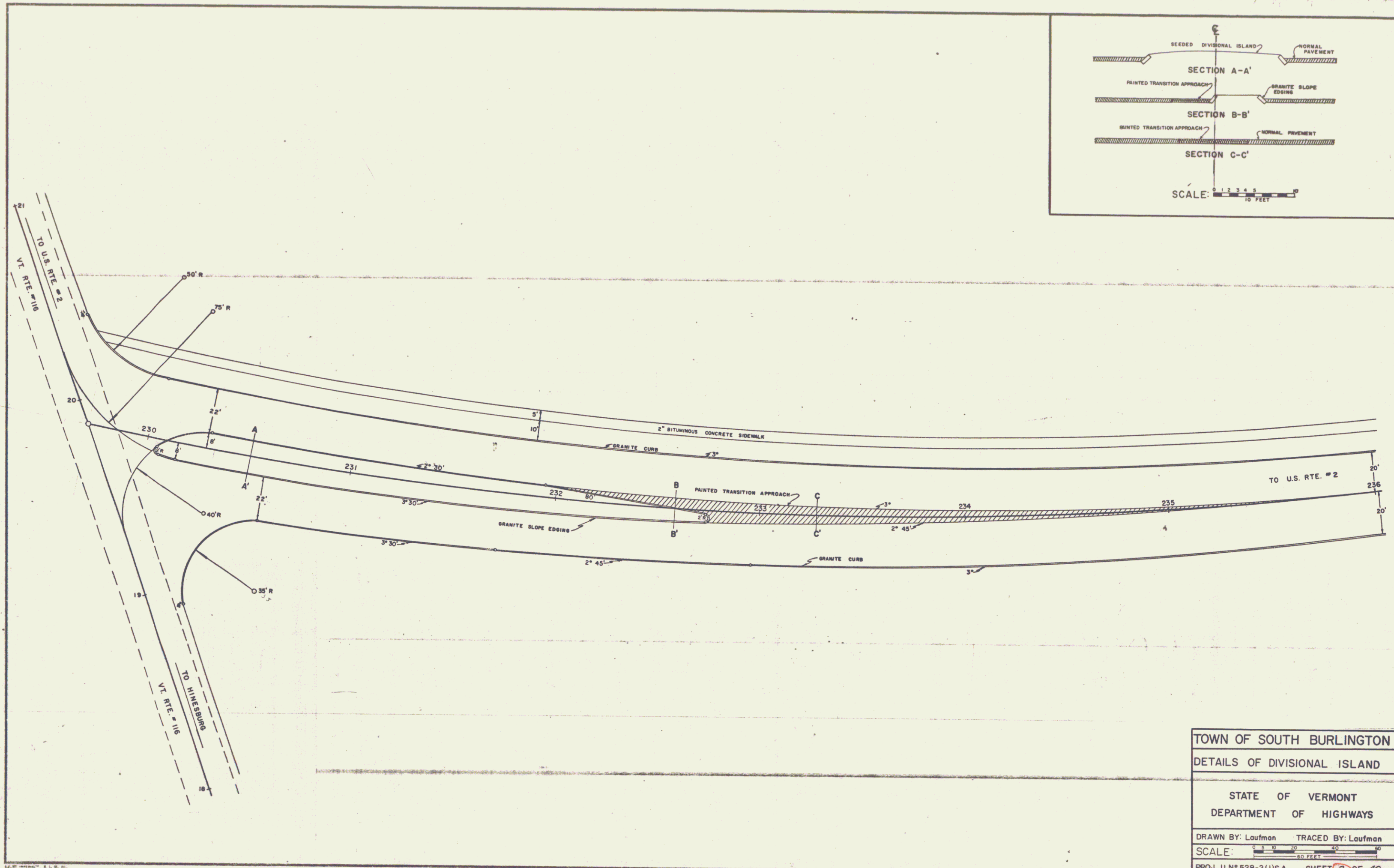
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED _____
DIVISION ENGINEER DATE _____

PROJECT U NO. 528-2(1) SA
SHEET 1 OF 40 SHEETS

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of South Burlington 1989
(To Be Returned To R.O.W. Division)

Pin # 99R021
Route: VT 116



TOWN OF SOUTH BURLINGTON
 DETAILS OF DIVISIONAL ISLAND

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

DRAWN BY: Laufman TRACED BY: Laufman
 SCALE: 1" = 40 FEET
 PROJ. U N° 528-2(1) S.A. SHEET 3 OF 40

BITUMINOUS CONCRETE SIDEWALK
Lt
229+60-233+00

GRANITE CURB
Lt
229+60-233+00

GRANITE SLOPE EDGING
E
230+08-232+78

THREE CABLE GUARD RAIL
WITH STEEL POSTS
Lt
230+78-231+90
230+86-231+82
234+54-235+66

MUCK EXCAVATION
231+00-232+00
232+00-236+00

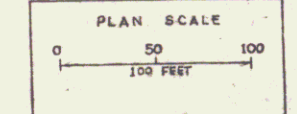
STA 229+70.0-Vt 116 10+001
PROJECT U 528-2(1)SA ENDS BEGIN PROJECT U 528-2(1)SA

CURVE DATA
Δ 36° 20' Lt
D 31'
T 190.99'
L 121.56'
E 100.9'
Bank 3/8" per ft

Pte 116 Curve Data
Δ 1° 45' Lt
D 0' 15"
R 230.68'
T 78.00'
L 78.00'
E 2.0'

B.M. # 6-B
S.I.R. 12" Pine
Elev. 323.36

NOTE: For details of divisional island
see sheet 5 of 49 sheets.



SOUTH BURLINGTON
Proj U. N° 528-2(1)S.A.
Sheet 26 of 49