

1995
SOUTH BURLINGTON
MEGC 5200 (16)S
DORSET ST.
SIDEWALK, BIKE PATH
LANDSCAPING

INDEX OF SHEETS

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2. DETAILS OF PLANK RAIL & PLANTINGS
3. QUANTITY SHEET
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RECORD PLANS

CONTRACTOR: Munson Earth Corp. South Burlington, VT
RESIDENT ENGINEER: R. Brady
CONSTRUCTION BEGAN: May 22, 1995
CONSTRUCTION COMPLETED: August 17, 1995
RECORD PLANS BY: R. Stancliff
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.
BY: *[Signature]* RESIDENT ENGINEER
DATE: 3/10/97

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found on microfiche in Central Files.

STATE OF VERMONT
AGENCY OF TRANSPORTATION



URBAN PROJECT

PROPOSED IMPROVEMENT
CITY OF SOUTH BURLINGTON
COUNTY OF CHITTENDEN

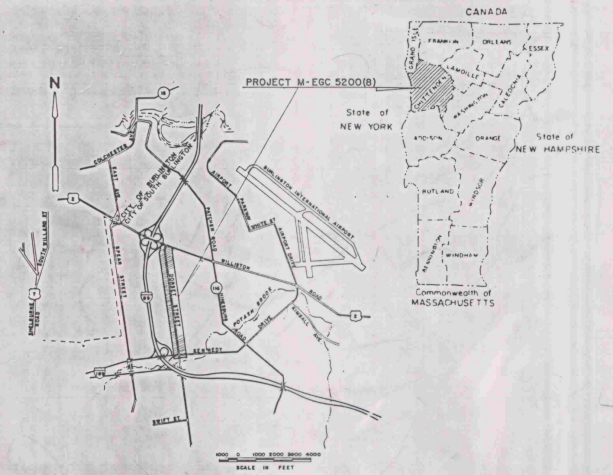
DORSET STREET T.H. #5, CL. 2 (FAU)
(KENNEDY DR. TO WILLISTON RD.)

BEGINNING AT A POINT 1916 FEET NORTH OF KENNEDY DRIVE AND
DORSET STREET INTERSECTION AND EXTENDING NORTHERLY 308' ALONG
DORSET STREET.

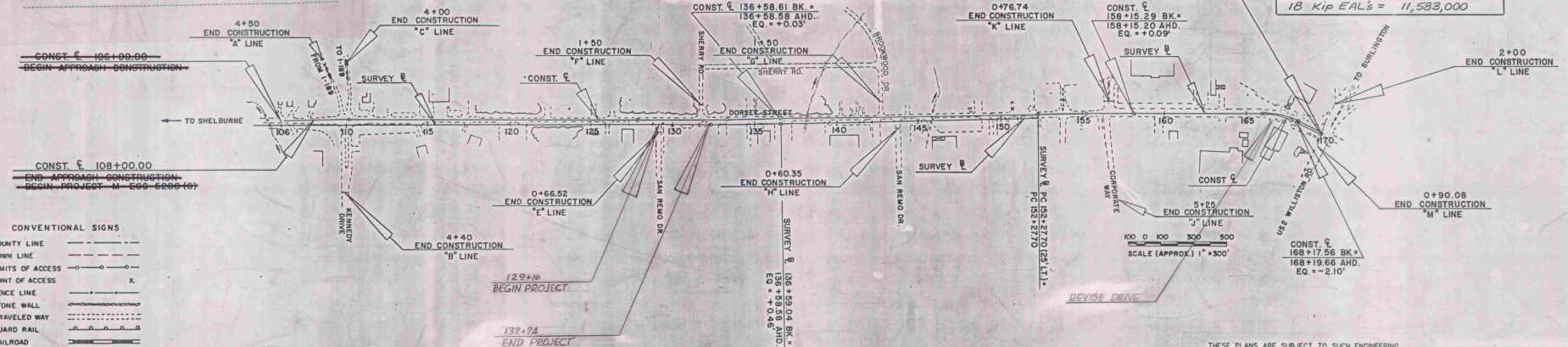
LENGTH OF ROADWAY = 308 FT. ± 0.058 MI.
LENGTH OF PROJECT = 308 FT. ± 0.058 MI.

PROJECT CONSISTS OF EXCAVATING FOR AND CONSTRUCTING
A CEMENT CONCRETE SIDEWALK, A BITUMINOUS CONCRETE
BIKEPATH, APPROPRIATELY HAND PAVING ASSOCIATED TOPSOILING,
SEEDING, TREE PLANTING AND ONE DRIVE REVISION.

VT. STATE PLANE GRID



TRAFFIC DATA	
EST. 1991 ADT	23010
EST. 2011 ADT	36350
EST. 2011 DHV	3635
D	50 %
T	2 %
V	35 MPH
18 Kip EALs = 11,583,000	



CONVENTIONAL SIGNS	
COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
GUARD RAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	○
TELEPHONE POLE	○
TREES	○
CONTROL OF ACCESS	---
PROPERTY LINE	---
ROW TAKING LINE	---
SLOPE RIGHTS	---
TOP OF CUT	---
TOE OF SLOPE	---

DATUM: NATIONAL GEODETIC
VERTICAL DATUM 1929
HORIZONTAL VT. STATE COORDINATE
SYSTEM.

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.

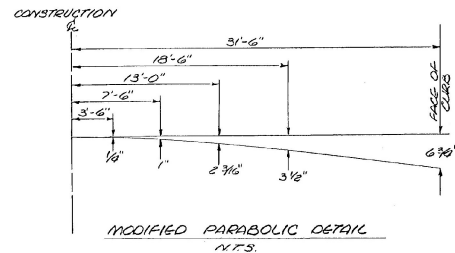
APPROVED: *[Signature]* DATE: 2/10/95
DIRECTOR OF CONSTRUCTION MAINTENANCE
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED: *[Signature]* DATE: *[Blank]*
DIVISION ADMINISTRATOR
SOUTH BURLINGTON
MEGC 5200 (16)S
SHEET 1 OF 14 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES											
R.O.W.					BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						180	180	CY	COMMON EXCAVATION	203.15	EST.
						105	105	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.95	EST.
									NOT A BID ITEM		
						1	1	HR	ALL PURPOSE EXCAVATOR RENTAL TYPE I (MOD)	608.25	EST.
						1	1	HR	TRUCK RENTAL	608.37	EST.
									NOT A BID ITEM		
						26	26	TON	BIT. CONC. GUTTERS & TRAF. ISLANDS (MOD)	616.47	EST.
						143	143	SY	PORTLAND CEMENT CONCRETE SIDEWALK (5')	618.10	EST.
						16	16	TON	BITUMINOUS CONCRETE SIDEWALK	618.15	EST.
						246	246	LF	PLANK RAIL (MOD)	621.15	EST.
						1	1	LS	MOBILIZATION	635.10	EST.
						300	300	HR	TRAFFIC OFFICER W/FLASHING LIGHT	641.35	EST.
						30	30	SY	GEOTEXTILE FOR ROADBED SUBGRADE SEPARATOR (MOD)	649.11	EST.
						5	5	LB	SEED	651.15	EST.
						20	20	LB	FERTILIZER	651.18	EST.
						0.05	0.05	TON	AGRICULTURAL LIMESTONE	651.20	EST.
						0.05	0.05	TON	HAY MULCH	651.25	EST.
						1	1	CY	CEDAR BARK MULCH	651.27	EST.
						135	135	SY	SODDING	651.30	EST.
						15	15	CY	TOPSOIL	651.35	EST.
						4	4	EA	DECIDUOUS TREES TILA CORDATA 'GREENSPIRE' 'LITTLE LEAF LINDEN' (3.0'-3.5" B & B)	656.30	EST.
									</		

[illegible][illegible][illegible]



TYPICAL SECTIONS

HSM=HIGH STABILITY MIX

ALTERNATE 'A'

4" BITUMINOUS CONC. PAV'T., TYPE I - HSM (TWO LIFTS)
6" BITUMINOUS CONC. PAV'T., TYPE I - HSM (TWO LIFTS)
30" SUBBASE OF DENSE GRADED CRUSHED STONE

ALTERNATE 'B'

5" BITUMINOUS CONC. PAV'T., TYPE I - HSM (TWO LIFTS)
6" BITUMINOUS CONC. PAV'T., TYPE I - HSM (TWO LIFTS)
29" SUBBASE OF CRUSHED GRAVEL, COARSE GRADED

GEOTEXTILE FABRIC TO BE INSTALLED AS A SEPARATOR
BETWEEN OLD GROUND AND SUBBASE LAYER FOR
EITHER ALTERNATE.

* FOR PAVEMENT TRANSITION DETAIL, SEE SHEET 8 OF 420.

GENERAL NOTES

SEED, ITEM 651.15
TO BE APPLIED AS DIRECTED BY THE ENGINEER

% WT	LBS/A	NAME	PUR %	GERM %
37.50	30	CREeping RED FESCUE (VAR PENNLAWN)	98	85
31.25	25	KENTUCKY BLUE GRASS (COMMON)	85	75
31.25	25	PERENNIAL RYE GRASS (VAR PENNFIRE)	95	90
100	80	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

FERTILIZER, ITEM 651.18

FORMULA 10-20-10 TO BE USED WITH SEED,
ITEM 651.18 APPLIED AT THE RATE OF 500 LBS/ACRE

AGRICULTURAL LIMESTONE, ITEM 651.20
TO BE APPLIED AT A 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 651.35

TO BE USED WITH SEED, ITEM 651.15 IN RESIDENTIAL
AREAS, AS DIRECTED BY THE ENGINEER

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

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SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

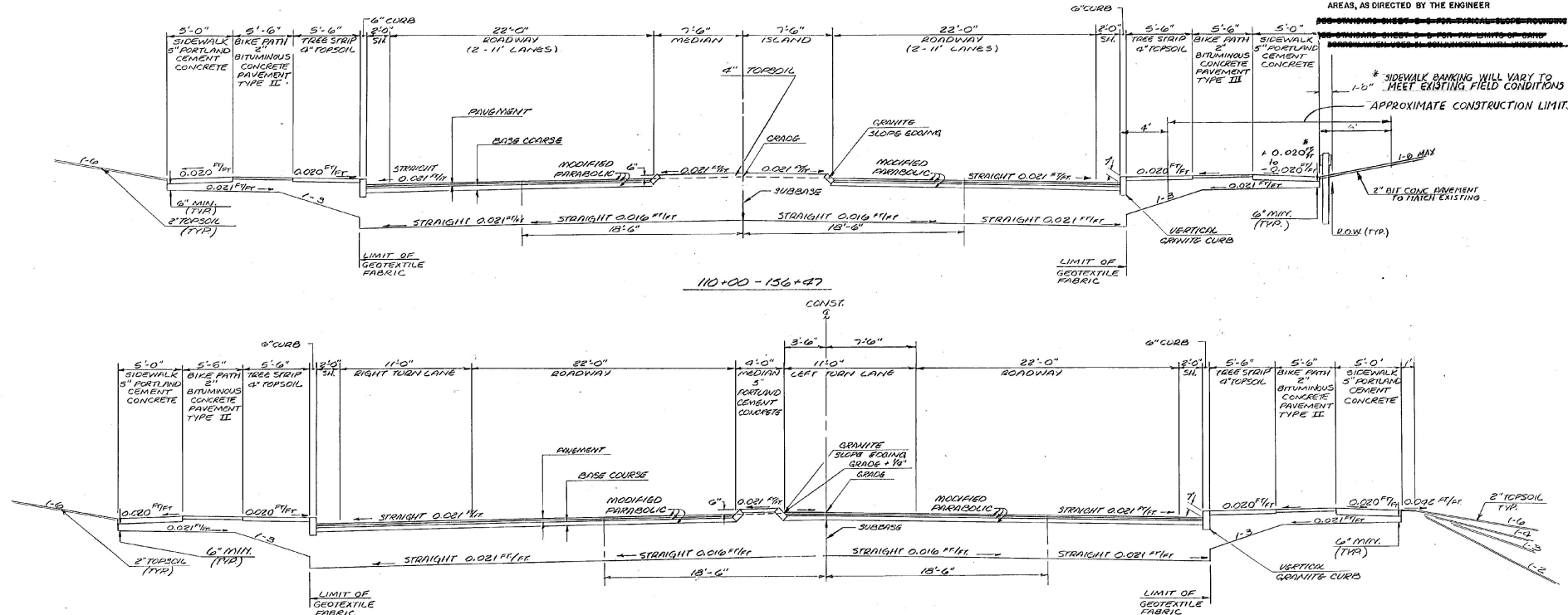
SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

SEEDING METHOD - SEE SHEET 8 OF 420

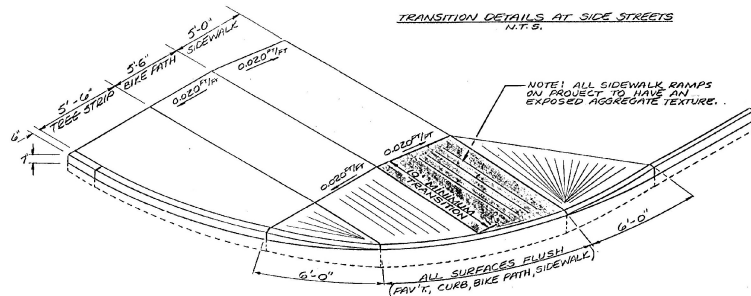


156+47 - 168+77

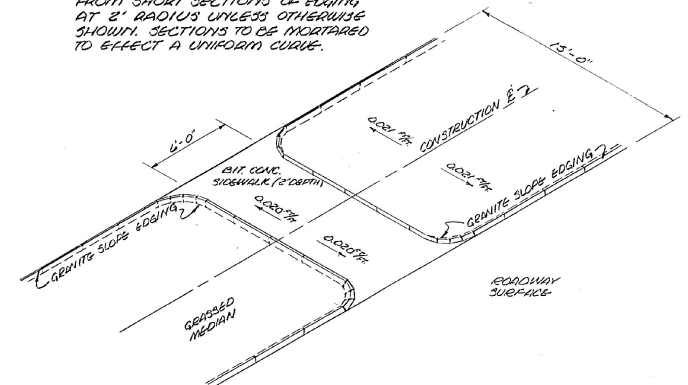
DORSET STREET

SCALE: 1"=10'

SURVEYED BY: DATE: 7/13
DRAWN BY: DATE: 08/26
TRACED BY: DATE: 07/21
CITY OF SOUTH BURLINGTON
DORSET STREET
PROJ. M-800 NO. 0200 (M)5
SHEET 4 OF 14

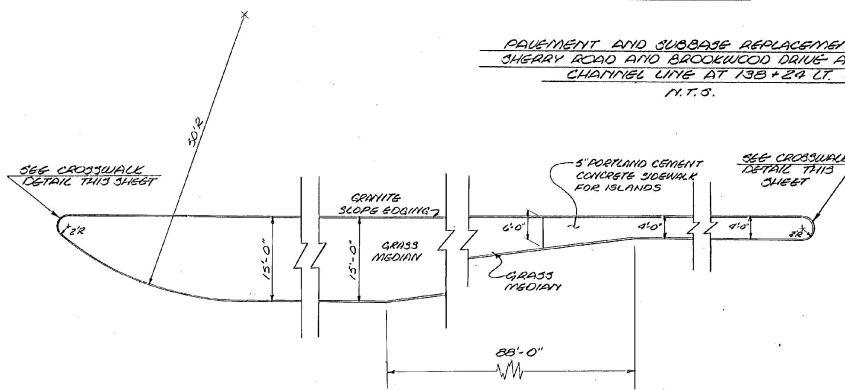
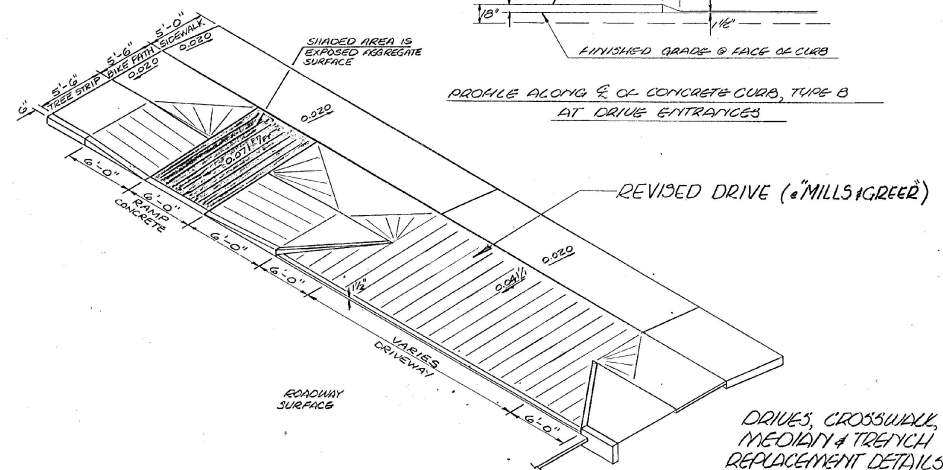
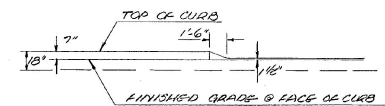
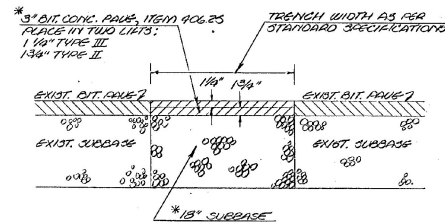


NOTE: CURVED GRANITE SLOPE EDGING AT ISLANDS, BULL NOSES AND MEDIAN OPENINGS TO BE FORMED FROM SHORT SECTIONS OF EDGING AT 2' RADIUS UNLESS OTHERWISE SHOWN. SECTIONS TO BE MODIFIED TO EFFECT A UNIFORM CURVE.



* OR AS DIRECTED BY THE ENGINEER

GENERAL DRIVE NOTES:
MATERIAL DEPTHS AT DRIVES
CONCRETE SIDEWALK
RESIDENTIAL : 3" DEPTH
COMMERCIAL : 8" DEPTH
BIKE PATH
RESIDENTIAL : 2" DEPTH
COMMERCIAL : 3" DEPTH
SUBBASE
RESIDENTIAL : 12" DEPTH
COMMERCIAL : 15" DEPTH



CROSSWALK - RAMP
N.T.S.

SCALE: 1" = 5'-0"
UNLESS NOTED
OTHERWISE

DRIVES, CROSSWALK,
MEDIAN & TRENCH
REPLACEMENT DETAILS

SURVEYED BY TJS/GAS DATE 02-26
DRAWN BY TJS/GAS DATE 02-26
TRACED BY GDS/REM DATE 02-26
CITY OF SOUTH BURLINGTON
DORSET STREET
PROJ. M-EGC NO. 0200 (A) 5
SHEET 5 OF 14 OF

STATION	LOCATION	TYPE	WIDTH
125+12	LEFT	BITUM.	25 FT.
125+96	RIGHT	BITUM.	25 FT.
126+25	LEFT	CONCRETE	35 FT.
127+77	RIGHT	BITUM.	30 FT.
129+00	LEFT	BITUM.	40 FT.
E LINE 0+85	LEFT	BITUM.	20 FT.

STATION	STATION	LOCATION
124+00	128+81	LEFT
124+00	130+00	RIGHT
129+22	130+00	LT.-RT.

STATION	STATION	LOCATION
126+00	125+03	LEFT
126+00	125+06	RIGHT
125+25	126+06	LEFT
126+06	127+58	RIGHT
126+41	128+46	LEFT
127+96	129+46	RIGHT
128+52	129+75	LEFT
128+52	129+77	RIGHT
129+27	129+52	RIGHT
129+30	129+52	LEFT
129+58	130+00	LEFT
129+58	129+97	RIGHT

STATION	STATION	LOCATION	LENGTH
126+06	126+92	LEFT	36'

STATION	LOCATION	TYPE	WIDTH
126+25	LEFT	II	36

NO.	STATION	LOCATION	DESCRIPTION
1	127+19	RIGHT	STEPS

49	EXIST. 125+50 ET. NEW 125+42 RD. CLASS III
50	125+50 NEW 125+50 RD. CLASS III
51	125+50 NEW 125+50 RD. CLASS III
52	125+50 NEW 125+50 RD. CLASS III
53	125+50 NEW 125+50 RD. CLASS III
54	125+50 NEW 125+50 RD. CLASS III
55	125+50 NEW 125+50 RD. CLASS III
56	125+50 NEW 125+50 RD. CLASS III
57	125+50 NEW 125+50 RD. CLASS III
58	125+50 NEW 125+50 RD. CLASS III
59	125+50 NEW 125+50 RD. CLASS III
60	125+50 NEW 125+50 RD. CLASS III
61	125+50 NEW 125+50 RD. CLASS III
62	125+50 NEW 125+50 RD. CLASS III
63	125+50 NEW 125+50 RD. CLASS III
64	125+50 NEW 125+50 RD. CLASS III
65	125+50 NEW 125+50 RD. CLASS III
66	125+50 NEW 125+50 RD. CLASS III
67	125+50 NEW 125+50 RD. CLASS III
68	125+50 NEW 125+50 RD. CLASS III
69	125+50 NEW 125+50 RD. CLASS III
70	125+50 NEW 125+50 RD. CLASS III
71	125+50 NEW 125+50 RD. CLASS III
72	125+50 NEW 125+50 RD. CLASS III
73	125+50 NEW 125+50 RD. CLASS III
74	125+50 NEW 125+50 RD. CLASS III
75	125+50 NEW 125+50 RD. CLASS III
76	125+50 NEW 125+50 RD. CLASS III
77	125+50 NEW 125+50 RD. CLASS III
78	125+50 NEW 125+50 RD. CLASS III
79	125+50 NEW 125+50 RD. CLASS III
80	125+50 NEW 125+50 RD. CLASS III
81	125+50 NEW 125+50 RD. CLASS III
82	125+50 NEW 125+50 RD. CLASS III
83	125+50 NEW 125+50 RD. CLASS III
84	125+50 NEW 125+50 RD. CLASS III
85	125+50 NEW 125+50 RD. CLASS III
86	125+50 NEW 125+50 RD. CLASS III
87	125+50 NEW 125+50 RD. CLASS III
88	125+50 NEW 125+50 RD. CLASS III
89	125+50 NEW 125+50 RD. CLASS III
90	125+50 NEW 125+50 RD. CLASS III
91	125+50 NEW 125+50 RD. CLASS III
92	125+50 NEW 125+50 RD. CLASS III
93	125+50 NEW 125+50 RD. CLASS III
94	125+50 NEW 125+50 RD. CLASS III
95	125+50 NEW 125+50 RD. CLASS III
96	125+50 NEW 125+50 RD. CLASS III
97	125+50 NEW 125+50 RD. CLASS III
98	125+50 NEW 125+50 RD. CLASS III
99	125+50 NEW 125+50 RD. CLASS III
100	125+50 NEW 125+50 RD. CLASS III

STATION	STATION	LOCATION
124+96	125+02	LEFT
125+25	125+31	LEFT
125+82	125+86	RIGHT
126+06	126+12	RIGHT
126+41	126+47	LEFT
127+52	127+58	RIGHT
127+76	127+82	RIGHT
129+85	129+96	RIGHT

P.O.T. 125+96.00 SURVEY E =
P.O.T. 00+25.00 "D" LINE

STATION	STATION	LOCATION
129+00	129+63	LEFT
129+58	130+00	RIGHT

STATION	LOCATION	TYPE	WIDTH
124+42	RIGHT	2' BITUM.	5 FT.
125+29	RIGHT	5' CONCRETE	3 FT.

STATION	STATION	LOCATION
124+00	124+98	LEFT
124+00	125+31	RIGHT
125+80	126+01	LEFT
126+11	127+57	RIGHT
126+46	128+78	LEFT
127+25	130+00	LEFT
127+97	128+80	RIGHT
127+25	129+96	RIGHT

STATION	STATION	LOCATION
124+00	124+98	LEFT
124+00	125+31	RIGHT
125+80	126+01	LEFT
126+11	127+57	RIGHT
126+46	128+78	LEFT
127+25	130+00	LEFT
127+97	128+80	RIGHT
127+25	129+96	RIGHT

STATION	LOCATION	TYPE
125+49	LEFT	2
125+49	RIGHT	2
125+80	RIGHT	1
129+26	RIGHT	1
129+55	LEFT	2
129+75	LEFT	1
129+28	LEFT	1

STATION	LOCATION
128+99	E

STATION	STATION	POSITION
125+03	125+25	LEFT
125+86	126+06	RIGHT
126+06	126+41	LEFT
127+58	127+76	RIGHT

STATION	STATION	POSITION
124+67	124+75	LEFT
124+75	124+80	LEFT

DATUM NATIONAL GEODETIC
VERTICAL DATUM 1929
HORIZONTAL VT. STATE
COORDINATE SYSTEM

SURVEYED BY D.C. DATE 12-53
DRAWN BY C.H.T. DATE 12-53
CHECKED BY D.C. DATE 12-53
TRACED BY D.C. DATE 12-53
CITY OF SOUTH BURLINGTON
DORSET STREET
PROJ. M-EGG NO. 5200 (45)
SHEET 6 OF 14

SCALE: 1" = 20 FEET

GRANITE SLOPE EDGING

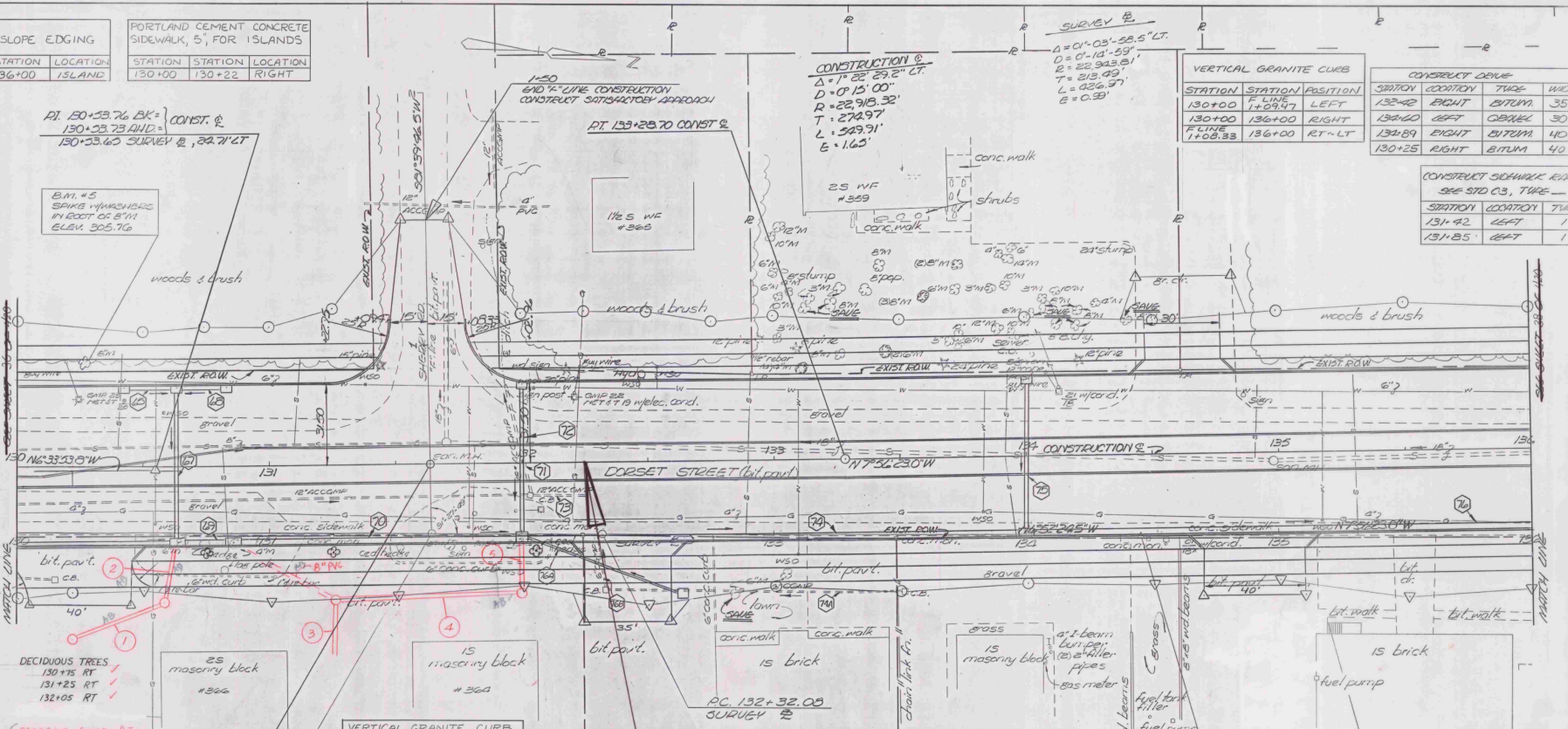
STATION	STATION	LOCATION
130+00	136+00	ISLAND

PORTLAND CEMENT CONCRETE SIDEWALK, 5' FOR ISLANDS

STATION	STATION	LOCATION
130+00	130+22	RIGHT

AL 130+33.76 BK = CONST. E
130+33.73 AND 130+33.45 SURVEY E, 22.71' LT

B.M. #5
SAND W/ W/SHEDS
IN FOOT OF 5' M
ELEV. 305.76



DECIDUOUS TREES
130+75 RT
131+25 RT
132+05 RT

PRECAST CONC. O.I.
130+22 RT
PLANK RAIL, 1100
130+50 = 131+00 RT

ROC 134+36.64 CONST. E
ROC 0+52.36 F.C. (COMPUTED)

P.O.T. 131+64.25 SURVEY E =
P.O.T. 00+25.00 1" LINE

STATION	STATION	LOCATION
130+45	130+51	RIGHT
132+18	132+24	RIGHT
132+59	132+65	RIGHT
134+42	134+48	LEFT
134+78	134+84	LEFT
134+64	134+70	RIGHT
135+10	135+16	RIGHT

END PROJECT

STATION	STATION	LOCATION
130+00	131+43	LEFT
130+54	132+24	RIGHT
131+23	134+63	LEFT
132+59	134+70	RIGHT
132+78	136+00	LEFT
135+10	136+00	RIGHT

ADJUST ELEV OF SEWER MH
131+70 LT
134+98 RT

STATION	STATION	LOCATION
130+00	131+43	LEFT
130+54	132+24	RIGHT
131+23	134+63	LEFT
132+59	134+70	RIGHT
132+78	136+00	LEFT
135+10	136+00	RIGHT

NOTE: NO CLEARING & GRUBBING
ALLOWANCE WILL BE PERMITTED
OUTSIDE THE CONSTRUCTION
LIMITS FROM STATION
130+00 - 136+00 LT.

SCALE: 20 FEET

STATION	STATION	POSITION
130+00	130+00	LEFT
130+00	136+00	RIGHT
130+00	136+00	RT-LT

STATION	STATION	TYPE	WIDTH
130+00	130+22	RIGHT	35 FT
130+00	136+00	LEFT	30 FT
130+00	136+00	RT-LT	40 FT

STATION	STATION	TYPE
131+42	131+42	LEFT
131+45	131+45	LEFT

DATUM NATIONAL GEODETIC
VERTICAL DATUM 1929
HORIZONTAL VT. STATE
COORDINATE SYSTEM

SURVEYED BY JSC DATE 02-93
DRAWN BY JET/JS DATE 02-93
TRACED BY JSC DATE 02-93
CITY OF SOUTH BURLINGTON
DORSET STREET
PROJ. M-600 NO. 5200 (415)
SHEET 7 OF 14

