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NOTE: THE SPECIFIC LOCATION OF EACH SHRUB AND TREE WILL BE MADE BY THE STATE LANDSCAPE ENGINEER IN THE FIELD PRIOR TO ANY PLANTING BEING PERFORMED BY THE CONTRACTOR. SUCH LOCATIONS WILL BE IN ACCORDANCE WITH THE 1959 GUIDE FOR SHOWING ROADSIDE IMPROVEMENTS ON PROJECT PLANS. THE 1961 A.A.S.M.O. PUBLICATION "A POLICY ON LANDSCAPE DEVELOPMENT FOR THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS," AND ANY OTHER SUPPLEMENTARY LOCATION REQUIREMENTS WHICH ARE NOW OR MAY BECOME EFFECTIVE.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS PROPOSED IMPROVEMENT

INTERSTATE LANDSCAPE PROJECT

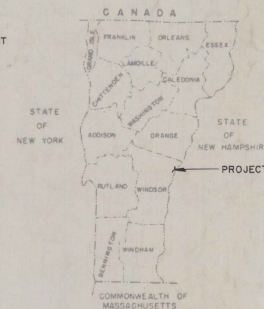
TOWN OF HARTFORD COUNTY OF WINDSOR INTERSTATE ROUTE 91 WHITE RIVER JCT. - BRADFORD ROAD

BEGINNING AT A POINT 2.500 MILES NORTHERLY OF THE
HARTLAND-HARTFORD TOWN LINE AND EXTENDING
NORTHERLY 3.234 MILES

LENGTH OF PROJECT 17,076.630 FEET = 3.234 MILES



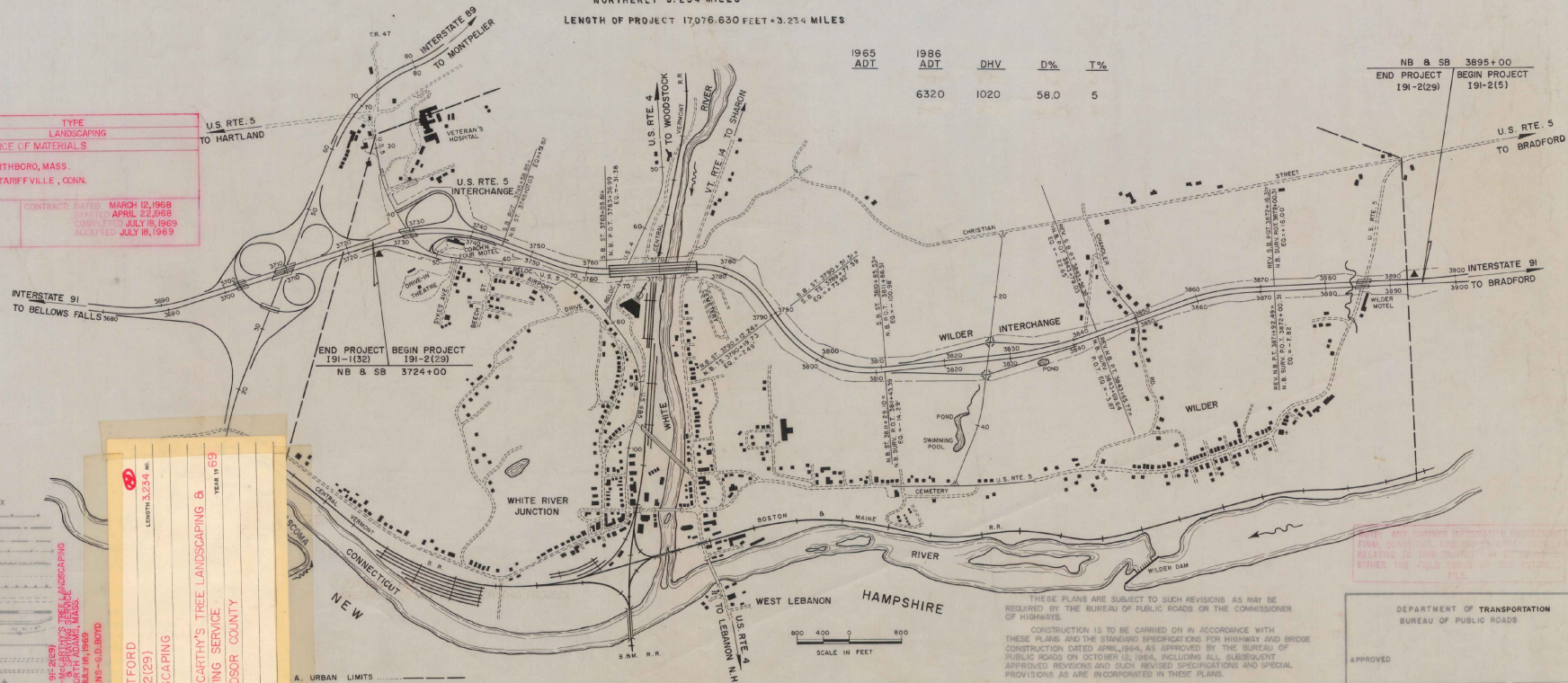
SCALE IN MILES



PROJECT NAME & NUMBER HARTFORD I 91-2(29)	TYPE LANDSCAPING
RECORD PLANS - SOURCE OF MATERIALS	
RIGELAND NURSERY, NORTHBORO, MASS. ATLANTIC TREE SERVICE, TARRIFVILLE, CONN.	
CONTRACTOR - MCCARTHY'S TREE LANDSCAPING & SPRAYING SERVICE CONTRACT NO. 19-2(29) INSPECTOR - L.R. MASURE RECORD PLANS - G.D. BOND	CONTRACT DATED MARCH 12, 1968 STARTED APRIL 22, 1968 COMPLETED JULY 18, 1969 ACCEPTED JULY 18, 1969

1965 ADT	1986 ADT	DHV	D%	T%
	6320	1020	58.0	5

NB & SB	3895+00
END PROJECT 191-2(29)	BEGIN PROJECT 191-2(15)



CONVENTIONAL SIGNS

POINT OF ACCESS	---
LIMITS OF ACCESS	---
COUNTY LINE	---
TOWN LINE	---
FENCE LINE	---
STONE WALL	---
UNFENCED PROPERTY	---
GUARD RAIL	---
TRAVELED WAY	---
RAILROAD	---
RETAINING WALL	---
CENTER LINE	---
SURVEY LINE	---
DAWNT	---
DROP WLET	---
TROLLEY	---
POWER POLE	---
TELEPHONE	---
TREES	---
HEDGE	---
F.A. CONSTRUCTION IDENTIFICATION SIGNS	---

HARTFORD I 91-2(29)	CONTRACTOR - MCCARTHY'S TREE LANDSCAPING & SPRAYING SERVICE
CONTRACT NO. 19-2(29)	CONTRACT DATED MARCH 12, 1968
INSPECTOR - L.R. MASURE	STARTED APRIL 22, 1968
RECORD PLANS - G.D. BOND	COMPLETED JULY 18, 1969
	ACCEPTED JULY 18, 1969

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 THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL, 1964, AS APPROVED BY THE BUREAU OF PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

ANY AND ALL REVISIONS TO THESE PLANS MUST BE APPROVED BY THE BUREAU OF PUBLIC ROADS AND THE COMMISSIONER OF HIGHWAYS. ANY REVISIONS TO THESE PLANS MUST BE APPROVED BY THE BUREAU OF PUBLIC ROADS AND THE COMMISSIONER OF HIGHWAYS. ANY REVISIONS TO THESE PLANS MUST BE APPROVED BY THE BUREAU OF PUBLIC ROADS AND THE COMMISSIONER OF HIGHWAYS.

DEPARTMENT OF TRANSPORTATION BUREAU OF PUBLIC ROADS	
APPROVED	
DIVISION ENGINEER	DATE
PROJECT I	NO. 91-2(29)
SHEET 1 OF 9 SHEETS	

APPROVED DATE June 30, 1967	APPROVED DATE June 19, 1967	APPROVED DATE 6/19/67	APPROVED DATE 11/2/67	APPROVED DATE 11/2/67
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2. CONSTRUCTION WARNING SIGNS
3. E-3 FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS
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5. J-6 TRACING OF TREES
6. QUANTITY SHEET
7-9. PLAN SHEETS



NOTE: THE SPECIFIC LOCATION OF EACH SHRUB AND TREE WILL BE MADE BY THE STATE LANDSCAPE ENGINEER IN THE FIELD PRIOR TO ANY PLANTING BEING PERFORMED BY THE CONTRACTOR. SUCH LOCATIONS WILL BE IN ACCORDANCE WITH THE 1959 "GUIDE FOR SHOWING ROADSIDE IMPROVEMENTS ON PROJECT PLANS," THE 1961 A.A.S.H.O. PUBLICATION "A POLICY ON LANDSCAPE DEVELOPMENT FOR THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS," AND ANY OTHER SUPPLEMENTARY LOCATION REQUIREMENTS WHICH ARE NOW OR MAY BECOME EFFECTIVE.

Dated 4 April 1967
790 Paddy Lane, Montpelier, Vt.
530 Paddy Lane
Walter Adams, Jr.
COMMISSIONER OF HIGHWAYS

STATE OF VERMONT DEPARTMENT OF HIGHWAYS PROPOSED IMPROVEMENT

INTERSTATE LANDSCAPE PROJECT

TOWN OF HARTFORD COUNTY OF WINDSOR INTERSTATE ROUTE 91 WHITE RIVER JCT. - BRADFORD ROAD

BEGINNING AT A POINT 2.500 MILES NORTHERLY OF THE
HARTLAND - HARTFORD TOWN LINE AND EXTENDING
NORTHERLY 3.234 MILES

LENGTH OF PROJECT 17,076.630 FEET = 3.234 MILES

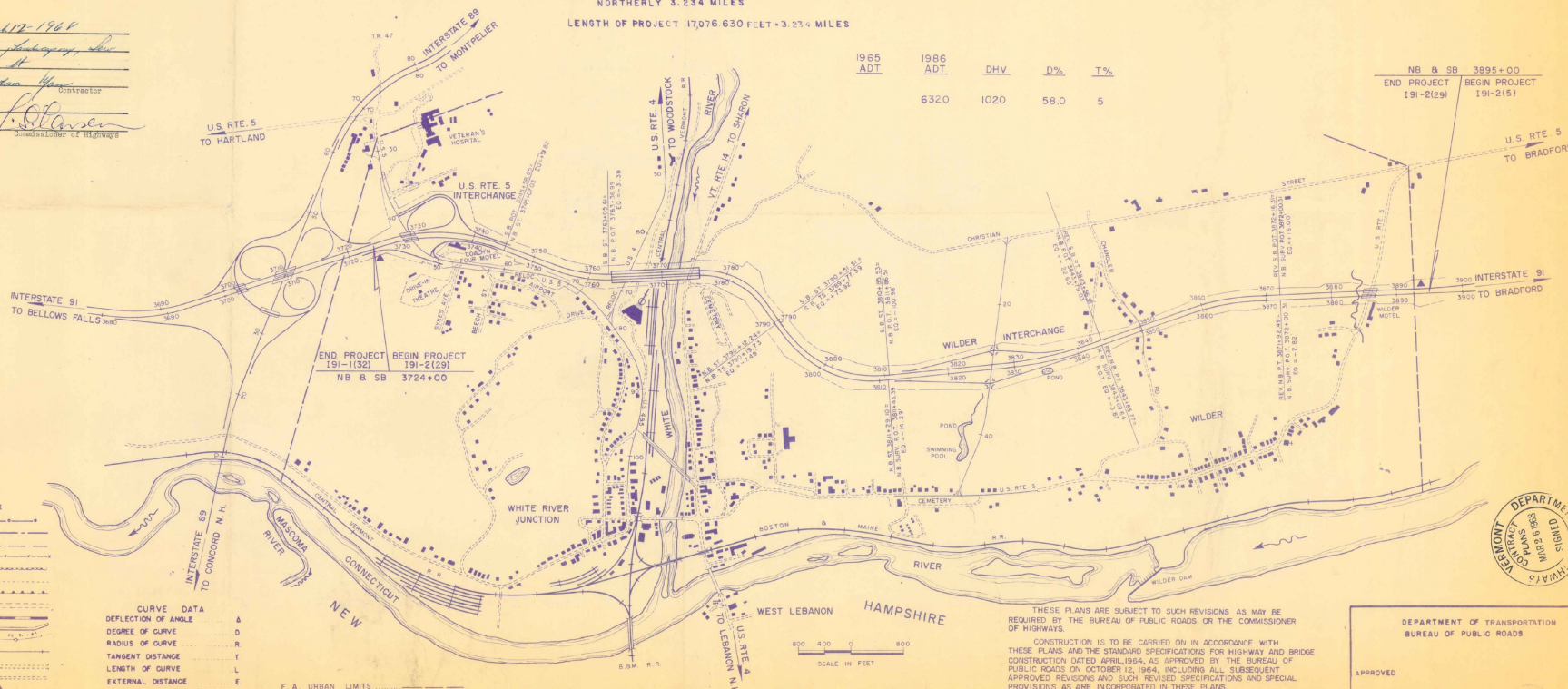
1965 ADT	1966 ADT	DHV	D%	T%
6320	1020	58.0	5	

NB & SB	3995+00
END PROJECT	BEGIN PROJECT
191-2(29)	191-2(5)

CONVENTIONAL SIGNS

- POINT OF ACCESS
LIMITS OF ACCESS
COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNWEEDED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
CENTER LINE
SURVEY LINE
CULVERT
DROP INLET
TROLLEY POLE
POWER POLE
TELEPHONE POLE
TREES
MEDIAN
F.A. CONSTRUCTION IDENTIFICATION SIGNS

- 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
ROW LIMITS

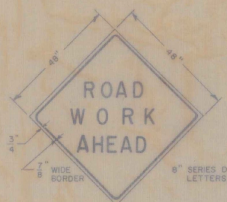


THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

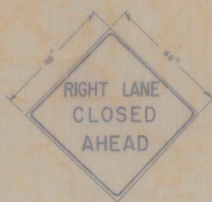
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL 1964, AS APPROVED BY THE BUREAU OF PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED <u>[Signature]</u> DATE <u>June 20, 1967</u>	APPROVED <u>[Signature]</u> DATE <u>June 12, 1967</u>	APPROVED <u>[Signature]</u> DATE <u>6/20/67</u>	APPROVED <u>[Signature]</u> DATE <u>11/2/67</u>	APPROVED <u>[Signature]</u> DATE <u>11/2/67</u>
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DEPARTMENT OF TRANSPORTATION BUREAU OF PUBLIC ROADS	
APPROVED	DATE
DIVISION ENGINEER	DATE
PROJECT 2	NO. 91-2(29)
SHEET 1 OF 9 SHEETS	



SIGN A
BLACK ON YELLOW
NON-REFLECTORIZED



SIGN B
BLACK ON YELLOW
NON-REFLECTORIZED



SIGN C
BLACK ON YELLOW
NON-REFLECTORIZED



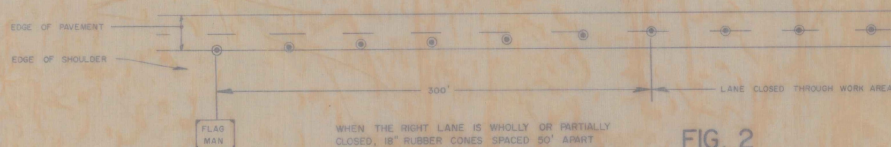
THESE SIGNS CONFORM WITH THE NATIONAL STANDARDS SET FORTH IN THE UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES (1961 EDITION) FOR CONSTRUCTION AND MAINTENANCE OPERATIONS. THEY ARE INTENDED FOR THE PROTECTION OF THE TRAVELING PUBLIC AS WELL AS THE CONTRACTOR'S FORCES. ON HIGH-SPEED EXPRESSWAYS IT IS ESSENTIAL THAT THE CONDITION OF THE SIGNS AND THE METHOD OF DISPLAYING THEM BE GIVEN MAXIMUM CONSIDERATION.

BECAUSE THE PLANTING OF LANDSCAPE MATERIAL IS A PROGRESSIVE OPERATION, THE SIGNS MUST BE MOVED PERIODICALLY IN ACCORDANCE WITH THE REQUIREMENTS NOTED ON THE PLANS OR ORDERED BY THE ENGINEER.

△ SIGNS SHALL BE MOUNTED ON MOVEABLE STANDARDS.

△ WHEN IN USE THEY SHALL BE LOCATED ON THE SHOULDER 4 FEET OUT FROM THE EDGE OF THE PAVEMENT.

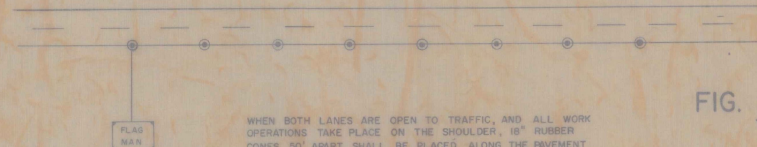
△ SIGNS AND CONES SHALL NOT BE LEFT IN PLACE ON THE SHOULDER OR PAVEMENT DURING PERIODS WHEN WORK IS NOT UNDER WAY.



WHEN THE RIGHT LANE IS WHOLLY OR PARTIALLY CLOSED, 16" RUBBER CONES SPACED 50' APART SHALL BE USED IN ADVANCE OF AND THROUGH THE WORK AREA AS SHOWN ABOVE. THE CONES SHALL BE MOVED ALONG WITH THE FLAGMAN AS THE WORK PROGRESSES.

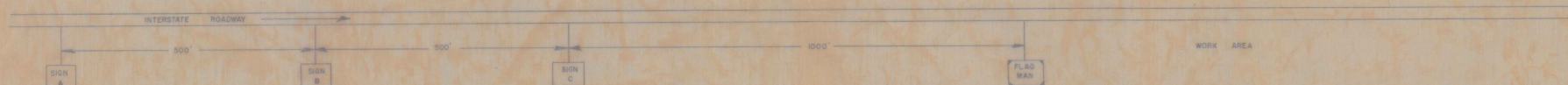
FIG. 2

THE SAME APPLIES TO THE LEFT HAND LANE WHEN IT IS WHOLLY OR PARTIALLY CLOSED.



WHEN BOTH LANES ARE OPEN TO TRAFFIC, AND ALL WORK OPERATIONS TAKE PLACE ON THE SHOULDER, 16" RUBBER CONES 50' APART SHALL BE PLACED ALONG THE PAVEMENT EDGE THROUGH THE WORK AREA AS SHOWN ABOVE. THE CONES SHALL BE MOVED ALONG WITH THE FLAGMAN AS THE WORK PROGRESSES.

FIG. 3



SIGN "B" TO BE USED ONLY IF THE RIGHT LANE IS WHOLLY OR PARTIALLY CLOSED. (SEE FIG. 2 ABOVE) WHEN NOT USED, THE DISTANCE BETWEEN SIGNS "A" AND "C" SHALL BE 1000 FT.

THE SAME APPLIES TO THE LEFT HAND LANE WHEN IT IS WHOLLY OR PARTIALLY CLOSED.

FIG. 1

AS THE WORK PROGRESSES ALONG THE HIGHWAY, THE FLAGMAN WILL MOVE WITH IT. WHEN THE DISTANCE BETWEEN SIGN "C" AND THE FLAGMAN BECOMES 1 MILE, ALL THE SIGNS SHALL BE MOVED FORWARD.

STATE OF VERMONT
VERMONT DEPARTMENT OF HIGHWAYS

HARTFORD

CONSTRUCTION
WARNING
SIGNS

SURVEYED BY: DATE: _____
DRAWN BY: DATE: _____
TRACED BY: DATE: 6/23/56

PROJ. 1 NO. 91-2(29)
SHEET 2 OF 9

SHEET

HARTFORD

AS PER PLANS		LOCATION
QUANTITY	NAME	STA. TO STA.
GENERAL NOTES		
A. Size of Material	1. Evergreen seedlings shall be 9" - 12" in height and free of all insects, diseases or mechanical injuries. 2. Evergreen trees 2' - 3' in height shall have a spread of 21 - 30 in. 3. Evergreen trees 4' - 5' in height shall have a spread of 24 - 31 ft. 4. Evergreen trees 5' - 6' in height shall have a spread of 3 - 4 ft. 5. Evergreen trees 6' - 8' in height shall have a spread of 4 - 5 ft. 6. Deciduous shrubs 11' - 2' in height shall have 10" min. root length and should have not less than 3 canes. 7. Deciduous shrubs 2' - 3' in height shall have 12" min. root length and should have 3 canes. 8. Deciduous trees 5' - 8' in height shall be 7/8 inches in caliber with 6 or more branches. 9. Deciduous trees 10' - 12' in height shall be 1 1/2 inches in caliber branched at 6 to 7 ft. with a maximum height of 16 ft. 10. Vines shall have 3 runners 12 inches and up and a root system commensurate with the Esp.	
B. Planting Instructions	1. Specimen seedlings shall be planted 5th ft. in staggered rows. 2. See Standard J-3 for minimum planting distances. 3. Shrubs must planted shall be on 5 ft. centers.	
C. Miscellaneous	1. "B & B" denotes "Balled and Burlapped". 2. "B.R." denotes "Bare Root." 3. "SP" denotes "Seedling". 4. All evergreens shall have dormant buds and secondary needles. 5. All measurements shall conform to the "American Standard for Nursery Stock" dated March 1956, for height, spread and caliper for each type, kind or size of plant material. 6. Trees which will have an ultimate trunk diameter in excess of 4" shall be placed at least 35 ft. from edge of pavement.	
LEGEND		
NATURAL REVEGETATION AREA		
LEDGE		
MOVING LIMITS		
EXISTING VEGETATION		

EVERGREEN SEEDLINGS 9'-12"
RED PINE - 1050

EVERGREEN TREES 4'-5"
RED PINE - 40
HEMLOCK - 46

EVERGREEN TREES 5'-6"
ARBORVITAE - 100

EVERGREEN SHRUBS 2'-3"
HICK'S YEW - 15
MUGHO PINE - 3

DECIDUOUS TREES 10'-12"
SUGAR MAPLE - 11

DECIDUOUS TREES 6'-8"
HOPA CRABAPPLE - 5

DECIDUOUS SHRUBS 2'-3"
PINK TATARIAN HONEYSUCKLE - 10
LILAC - 200
RUSSIAN OLIVE - 20

DECIDUOUS SHRUBS 10'-12"
CORALBERRY - 900

VINES
WOODBINE - 100

EVERGREEN TREES 6'-8"
WHITE PINE - 6

RED PINE SEEDLINGS
RAMP "B" Sta. 3450-10+50 Rt. - 500
RAMP "A" Sta. 3400 Lt. - 50

Sta. 3724+00 - 3726+00 - 500
RED PINE 4'-5"

Sta. 3726+00 - 3734+00 Lt. - 15
RAMP "A" Sta. 3400 Lt. - 5
Sta. 3708+00 Rt. - 5
Sta. 3718+00 Lt. - 5
Sta. 3725+50 Rt. - 5

HEMLOCK
Sta. 3745+00 Rt. - 10
3755+00 Rt. - 86

ARBORVITAE
Ramp "D" Sta. 3400 - 8+00 Rt. - 100

HICK'S YEW
U.S. 5 Sta. 49+50 - 52+50 Lt. - 15

MUGHO PINE
U.S. 5 Sta. 49+00 Lt. - 3

SUGAR MAPLE
Ramp "D" Sta. 14+50 Lt. - 5
Sta. 3728+00 Lt. - 3

HOPA CRABAPPLE
Sta. 3728+00 - 3730+00 Rt. - 5

PINK TATARIAN HONEYSUCKLE
Sta. 3727+00 Rt. - 10

LILAC
Sta. 3741+00 - 3757+00 Rt. - 200

RUSSIAN OLIVE
Sta. 3730+00 Med. - 10
Sta. 3731+00 Med. - 10

CORALBERRY
Sta. 3727+00 Lt. - 100
Sta. 3731+00 Lt. - 200
Sta. 3734+00 Rt. - 100
Sta. 3731+50 Rt. - 100
Sta. 3725+50 Rt. - 100
Sta. 3729+00 Rt. - 100
Sta. 3774+00 Lt. - 100

WOODBINE
Sta. 3774+00 Med. - 100

WHITE PINE 6'-8"
Sta. 3721+00 - 3729+00 Lt. - 6

END PROJECT 191-1 (32)
BEGIN PROJECT 191-2 (29)
NB & SB 3724+00



RED PINE 4'-5'
Sta. 3829+00 Lt. -5

HOPA CRABAPPLE
Ramp "C" Sta 1+50 Lt. - 5

EVERGREEN TREES 4'-5'
RED PINE - 2

EVERGREEN TREES 5'-6'
RED PINE 50
WHITE PINE 55

DECIDUOUS TREES 10'-12'
SUGAR MAPLE - 3

DECIDUOUS TREES 6'-8'
DOLGO CRABAPPLE - 15

DECIDUOUS SHRUBS 2'-3'
LILAC - 20

DECIDUOUS SHRUBS 1W'-2'
CORALBERRY - 850

RED PINE 4'-5'
Sta. 3885+00 L4 - 2

RED PINE 5'-6'
Sta. 3847+00 - 3850+00 L4 - 15
Sta. 3848+00 - 3850+00 R4 - 10
Sta. 3854+00 L4 - 5
Sta. 3874+00 - 3877+00 R4 - 20

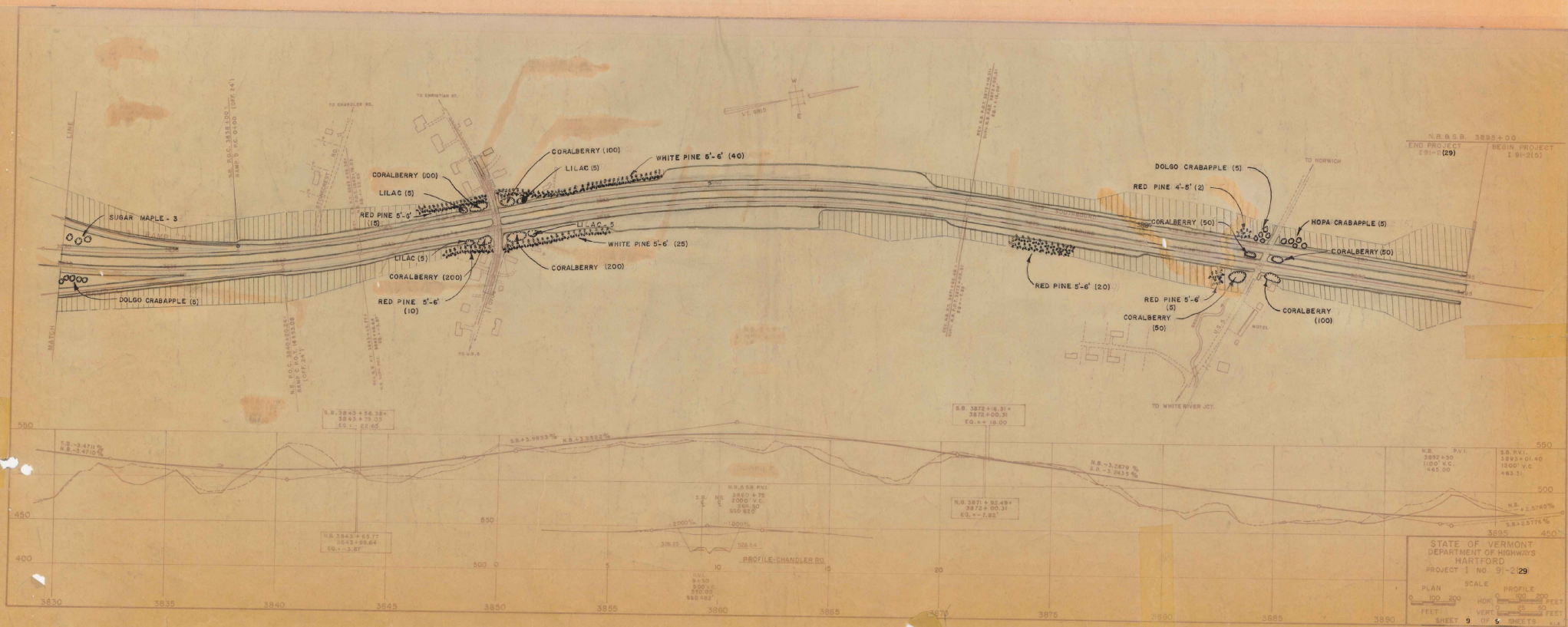
WHITE PINE 5'-6'
Sta. 3850+50 - 3853+50 L4 - 40
Sta. 3850+50 - 3855+50 R4 - 25

SUGAR MAPLE
Sta. 3831+00 L4 - 3

HOPA CRABAPPLE
Sta. 3831+00 R4 - 5
Sta. 3885+50 L4 - 5
Sta. 3857+00 L4 - 5

LILAC
Sta. 3847+00 R4 - 5
Sta. 3851+00 R4 - 5
Sta. 3851+50 L4 - 5

CORALBERRY
Sta. 3847+50 R4 - 200
Sta. 3847+50 L4 - 100
Sta. 3857+00 R4 - 200
Sta. 3851+00 L4 - 100
Sta. 3886+00 R4 - 100
Sta. 3886+00 Med. - 50
Sta. 3855+00 L4 - 50
Sta. 3885+00 Med. - 50



Vermont Agency of
Transportation
PHASE 1-INTERSTATE
#122302-01
INITIALS ☐
HANGER 603

HARTFORD I-91-2(29)

LANDSCAPING

1969

1969