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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

TOWNS OF ROCKINGHAM-SPRINGFIELD

COUNTIES OF WINDHAM-WINDSOR

INTERSTATE ROUTE 91

BELLOWS FALLS-WHITE RIVER JCT. ROAD



STAGE 2 CONSTRUCTION
BEGINNING AT A POINT 3.747 MILES SOUTH OF THE ROCKINGHAM-SPRINGFIELD TOWN LINE AND EXTENDING NORTHERLY 6.3893 MILES

LENGTH OF ROADWAY 10,117.79 FEET-3.0698 MILES
LENGTH OF BRIDGES 1,717.42 FEET-0.5283 MILE
LENGTH OF CONTRA 3,572.21 FEET-1.0941 MILE

PROJECT NAME & NUMBER
ROCKINGHAM-SPRINGFIELD 191 (25) BITUMINOUS CONCRETE 179,800 S.Y.

RECORD PLANS
MATERIALS

- SUB-BASE OF GRAVEL - HASK. PIT - CHARLESTOWN, N.H.
- SUB-BASE OF CRUSHED ROCK - PENETRATION MODIUM CRUSHED STONE BASE COURSE & CRUSHED STONE FROM WERTS
- STONE BRIDGE - GATE-RODOLPHSON'S QUARRY (PERIN) CUMBERLAND, VT.
- JOINT SEALER - HOT POLYMER - SPREADDED PRODUCTS CO., INC. - CHICAGO HEIGHTS, ILL.
- CONCRETE PAVEMENT - L.M. PIKE & SON PAVEMENT - SPRINGFIELD, VT.
- CONCRETE CLASS II - CHARLESTOWN READY MIX CO. - CHARLESTOWN, VT.
- GRASS RAILROAD PROPERTY LINE - CONCRETE W/STEEL PILING - BELMONT, VT.
- PAV. EMULSION - BORDEN CHEMICAL CO. - NEW YORK, N.Y.
- REINFORCING STEEL - BETHLEHEM STEEL CO. - BETHLEHEM, PA.
- METAL CULVERT PIPE - NORTHEASTERN CULVERT CO. - WINDSOR, VT.
- LAST ROW GRADES - FLOUNDER BROS. - WINDSOR, VT.
- CAST IRON GRATES - GILLESPIE FOUNDRY CO. - BROOKTON, N.H.
- GRANITE SLOPE EDGING - NATIONAL FENCE & GRANITE CO., WINDSOR, N.H.



POOR ORIGINAL COPY

RIGHT-OF-WAY
and Construction Plans

CONTRACTOR: LAW, CORN - FRANKINGHAM, VERMONT
CHIEF: R.S. DONN, ENGINEER - BERRAND, CHESTER,
RESIDENT ENGINEER - WINDSOR, VERMONT
INSPECTOR: H. J. LINDSAY, A. F. WOODS, J. F. BOND & R. BURLAY.

DESIGNED BY: R.S. DONN, ENGINEER - BERRAND, CHESTER,
COMPLETED - WINDSOR, VERMONT, 1940.
APPROVED - WINDSOR, VERMONT, 1940.

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

CONSTRUCTION IS TO BE ACCORDING TO THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES AND THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF PUBLIC ROADS AS REVISED AND SUPPLEMENTED BY THE VERMONT DEPARTMENT OF HIGHWAYS AND BRIDGES.

DEPARTMENT OF HIGHWAYS
STATE OF VERMONT

MP 35-41-41.32

91-1-91.026

APPROVED: [Signature]	DESIGNED BY: [Signature]	COMPLETED: [Signature]	INSPECTOR: [Signature]	DATE: [Date]
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SHEET 1 OF 17 SHEETS

BITUMINOUS CONCRETE DRIVE
1872-1874
BITUMINOUS CONCRETE DRIVE
1874-1875

THREE CORNER GUARD 492
W. STEEL 10315
1873-1874
1874-1875

CONTRACT 1872-1874

MR. ORSWALD

Rev. N.O.
P.I. 1871 + 15.69
1871 + 12.63

Rev. S.D.
P.I. 1871 + 2.14
1871 + 20.10

POOR ORIGINAL COPY

Circular Curve Data
Rev. N.O.
Rev. S.D.
 Δ 8° 28' 21"
D 1° 30'
R 3819.72'
T 282.74'
L 564.48'
E 10.45'
Bank 1/2 per 100'

Fin. Grade elev. @ st. 1870 + 00
N.B. + 33 486.00
Fin. Grade @ 1875 + 00
N.B. + 33 461.00
(Grades are carried along
edge of pavement adjacent
to Meridian)

Spiral Curve Data

S.D.		N.O.	
Δ 8° 28' 21"	3819.72'	Δ 8° 28' 21"	3819.72'
D 1° 30'	1875	D 1° 30'	1875
L 564.48'	124.95	L 564.48'	124.95
E 10.45'	240.97	E 10.45'	240.97
Bank 1/2 per 100'	275	Bank 1/2 per 100'	275
	407.75		427.79
	514.45		514.45
	11.2		11.2
	166.68		166.68
	83.34		83.34
	243.95		243.95
	1867 + 13.55		1867 + 07.87
	1869 + 13.55		1869 + 07.87
	1872 + 07.87		1872 + 07.87
	1875 + 27.94		1875 + 27.94
	1875 + 27.94		1875 + 27.94

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

Staged Construction

ROCKINGHAM
Road 1216 (20)
Sheet 12 of 178

STEEL BRIDGE TOWER
 1876+00
 1876+10
 1876+20
 1876+30
 1876+40
 1876+50
 1876+60
 1876+70
 1876+80
 1876+90
 1877+00
 1877+10
 1877+20
 1877+30
 1877+40
 1877+50
 1877+60
 1877+70
 1877+80
 1877+90
 1878+00

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

NOTE: The area under the structures from Sta. 1876+00 to Sta. 1884+00 is to be cleared and grubbed in accordance with the appropriate requirements set forth in paragraph 101.02, Construction Methods of the Specifications for Clearing & Grubbing, Item 104. This area shall be confined by the limits of the lines of fill slabs for Abutments #1 & #2. Thereafter and the T.O.W. limits to the right, all shall be considered subsidiary work to the Original Excavation, Item 104, in this area.

MUCK EXCAVATION

SB 1883+03 - 1888+00
 NB 1884+32 - 1891+00
 SB 1885+17 - 1891+00
 NB 1885+17 - 1891+00

BITUMINOUS CONCRETE CURB

SB 1885+03 - 1891+00
 NB 1885+03 - 1891+00

BITUMINOUS CONCRETE CURB

SB 1885+03 - 1891+00
 NB 1885+03 - 1891+00

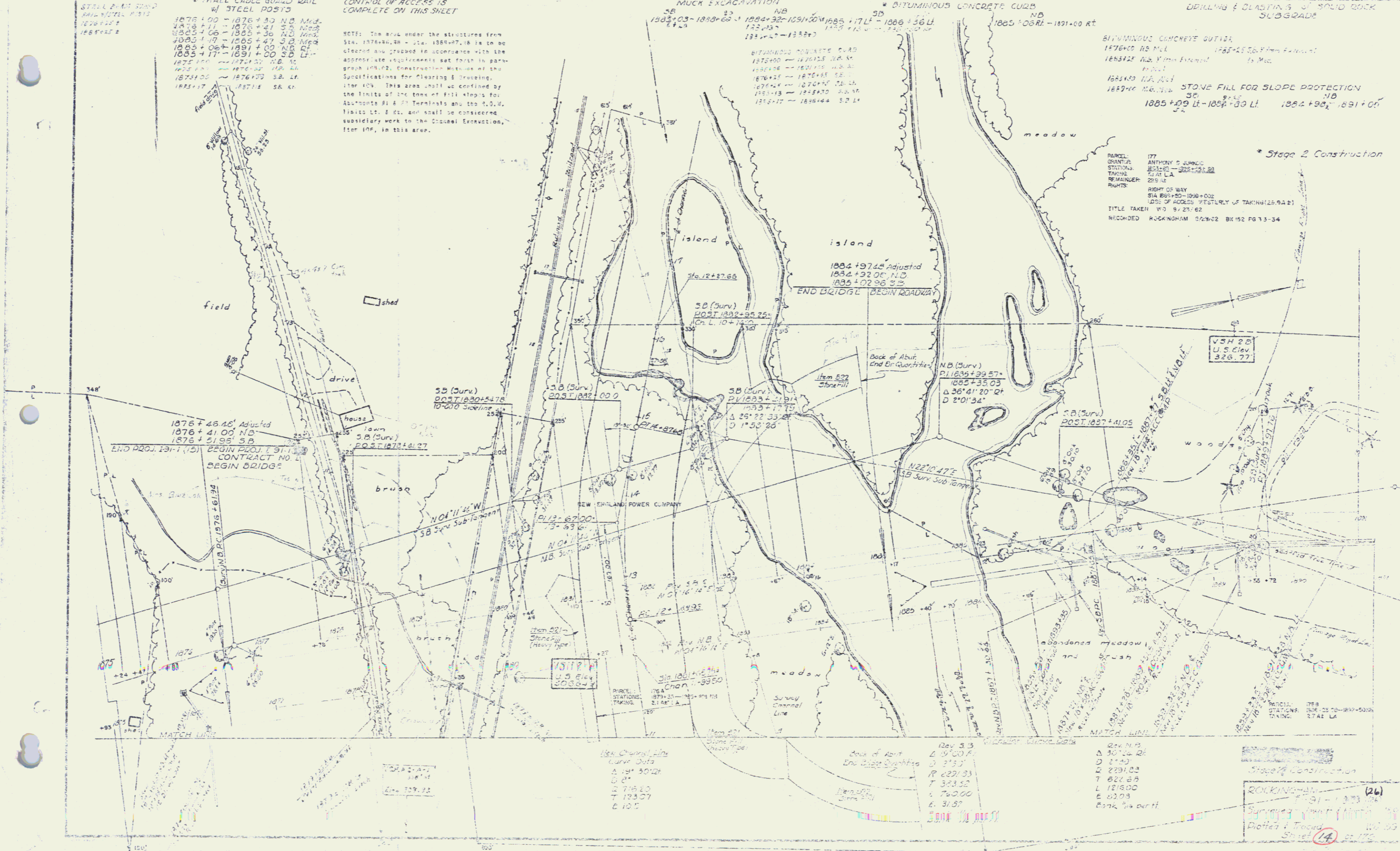
DRILLING & BLASTING OF SOLID ROCK SUBGRADE

BITUMINOUS CONCRETE CURB

SB 1885+03 - 1891+00
 NB 1885+03 - 1891+00

STONE FILL FOR SLOPE PROTECTION

SB 1885+03 - 1891+00
 NB 1885+03 - 1891+00



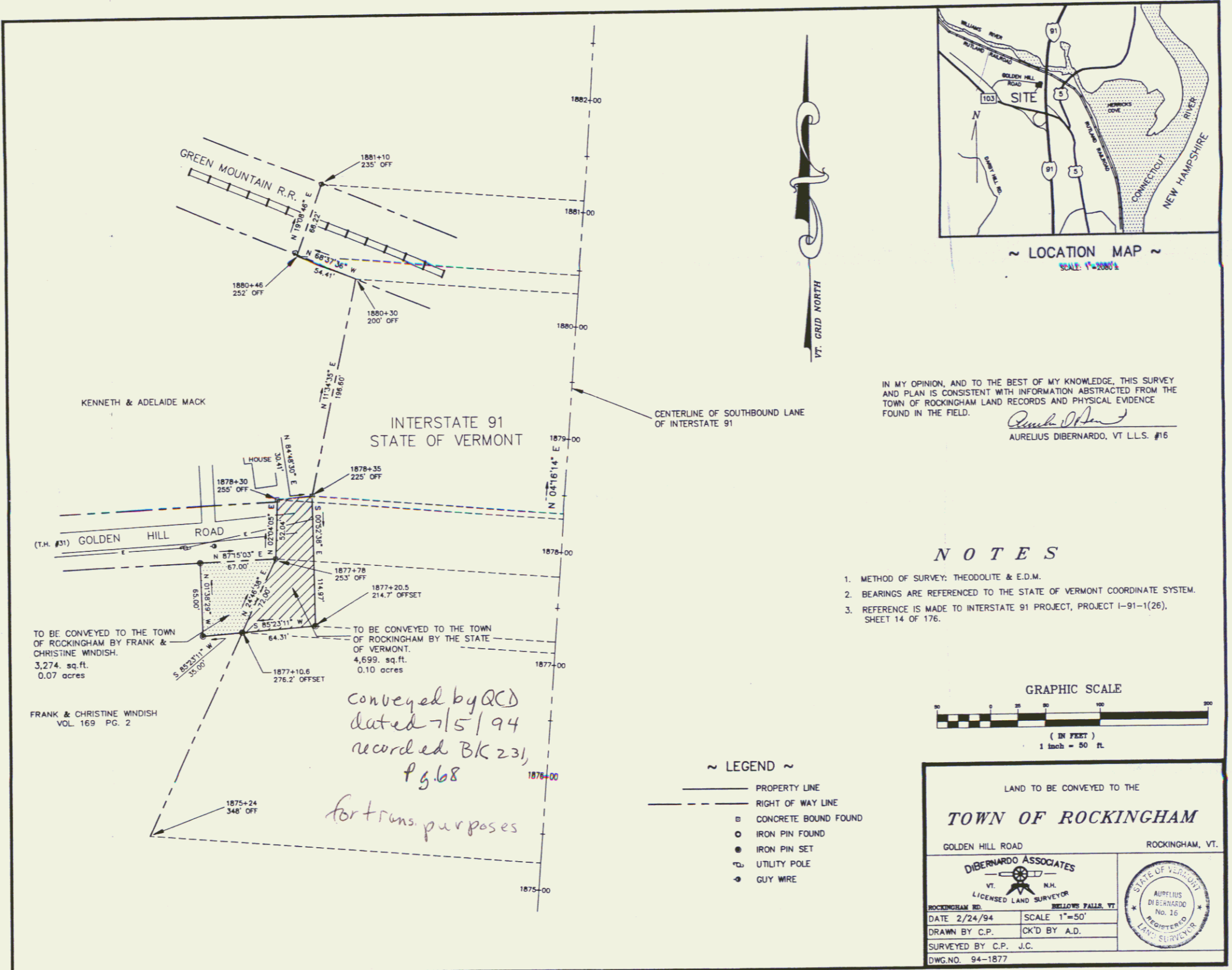
Parcel 177
 Grant: ANTHONY S. JUREK
 Station: 1831-18 - 202+10.50
 Town: 724 LA
 Remainder: 219 LA
 Right of Way: 814 88+00 - 890+00
 Loss of Access: VESTIBULE TAKING 121.94 21
 Title Taken: 10/9/27/62
 Recorded: ROCKINGHAM 02/20/02 BK 152 PG 13-34

Stage 2 Construction

V.S.N. 28
 U.S. Elev.
 326.77

Parcel 178
 Station: 186-25.00 - 189+50.00
 Town: 274E LA

ROCKINGHAM (26)
 Surveyed from 1891 to 1893
 Plotted & Taped 10/05
 Sheet 14 of 176



14A



PARCEL 162
 GRANTOR: KENNETH G. CLAYTON
 STATIONS: 1873+55 - 1875+15 NBL
 TAKING: 0.9 A & L.A.
 REMAINDER: 2.0 A &
 RIGHTS: SPRING - STA. 1873+85 NB RT.

PARCEL 170
 GRANTOR: NUTLAND RAILWAY CORP
 STATIONS: 1875+25 NBL - 1890+75 SBL
 CROSSING E-WENTH
 SLOPE - STA. 1874+03 - 1879+21
 1.8 L.F.T.

PARCEL 176 A.B.
 GRANTOR: NEW ENGLAND POWER COMPANY
 STATIONS: 1871+15 - 1891+20 NB
 TAKING: 7.8 A &
 REMAINDER: 10.2 A &
 RIGHTS: CHANNEL - STA. 1861+20 SB - 1862+25 NB
 FLOWAGE - STA. 1884+00 SB - 1895+00 NB
 TITLE TAKEN C&D 1/21/43
 RECORDED: ROCKINGHAM BK. 113 P. 102 - 195 6/20/43

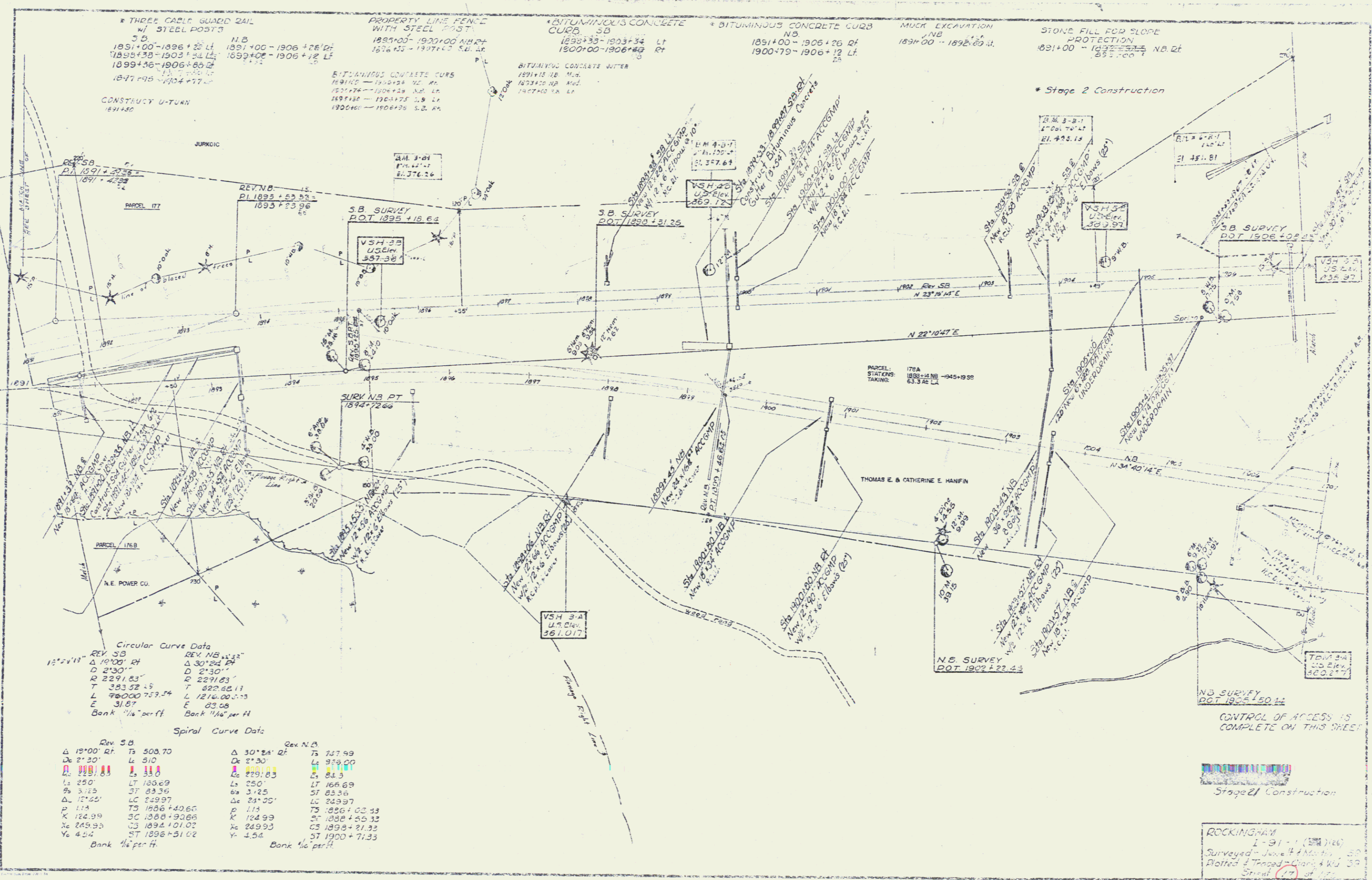
Three water lines in place by employees or agents of N.E.P.P. Co. cables to be lowered in place by employees or agents of N.E.P.P. Co. to positions shown on plan. See points 1 to 7. Channel directed to contact Contractor's Engineers personnel regarding underground cable location DO NOT DAMAGE.

NEW CHANNEL LINE
 CURVE DATA
 Δ 49° 00' Lt.
 D 5'
 T 716.20
 E 70.9

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

Staquo Construction

ROCKINGHAM
 E-31-1 (26)
 Sheet 18 of 18
 10/1/43



* THREE CABLE GUARD RAIL
W/ STEEL POSTS
S.B.
1851+00-1896+25 LT
1899+38-1903+34 LT
1899+36-1906+66 LT
1897+98-1904+77 LT

PROPERTY LINE FENCE
WITH STEEL POSTS
1895+00-1900+00 NB RT
1896+35-1907+00 S.B. LT
BITUMINOUS CONCRETE CURB
1891+15 NB M.B.
1893+20 NB M.B.
1897+40 NB LT

* BITUMINOUS CONCRETE
CURB S.B.
1898+35-1903+34 LT
1800+00-1906+66 RT

* BITUMINOUS CONCRETE CURB
NB
1851+00-1906+26 RT
1900+79-1906+12 LT

MUCK EXCAVATION
1891+00-1892+80 LT

STONE FILL FOR SLOPE
PROTECTION
1831+00-1832+00 NB LT
1852+00 LT

CONSTRUCT U-TURN
201450

* Stage 2 Construction

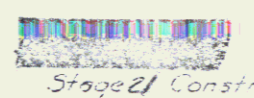
Circular Curve Data

REV. S.B.	REV. NB
Δ 18°13'	Δ 30°24'
D 2'30"	D 2'30"
R 2291.83	R 2291.83
T 393.52	T 822.62
L 786.00	L 1216.00
E 31.87	E 83.68
Bank 1/4" per ft	Bank 1/4" per ft

Spiral Curve Data

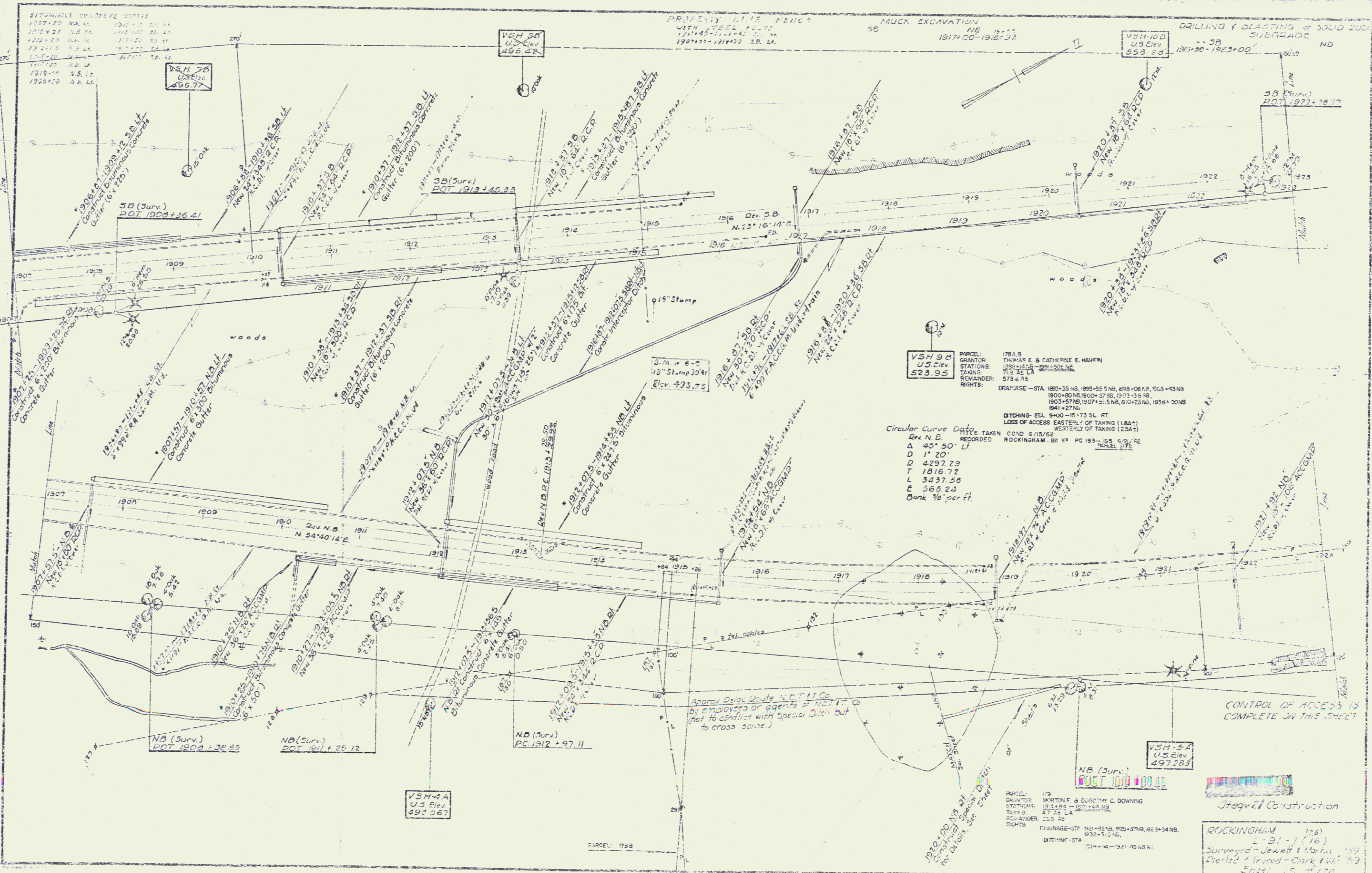
REV. S.B.	REV. NB
Δ 18°00'	Δ 30°24'
D 2'30"	D 2'30"
L 250'	L 250'
TS 500.70	TS 747.99
LC 249.97	LC 249.97
SC 1368+40.65	SC 1368+40.65
CS 1894+101.02	CS 1894+101.02
ST 1896+51.02	ST 1900+71.33
Bank 1/4" per ft	Bank 1/4" per ft

NO SURVEY
DOT 1905+60.14
CONTROL OF ACCESS IS
COMPLETE ON THIS SHEET



Stage 1 Construction

ROCKINGHAM
1-91-1 (100)
Surveyed - June 14, 1990
Plotted & Traced - Clark & Wu 30
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SITING/BLK CONCRETE CUTS

1307+50	N.B. L.L.	1310+10	N.B. L.L.
1310+25	N.B. L.L.	1312+50	N.B. L.L.
1312+10	N.B. L.L.	1315+20	N.B. L.L.
1315+10	N.B. L.L.	1317+50	N.B. L.L.
1317+25	N.B. L.L.	1320+00	N.B. L.L.
1320+10	N.B. L.L.	1322+50	N.B. L.L.

PROPERTY LINE FENCE WITH STEEL POSTS 1911+45 TO 1917+00 S.B. L.L. 1924+00 TO 1924+00 S.B. L.L.

MUCK EXCAVATION NE 1917+00-1918+32

DRILLING & BLASTING OF SOLID ROCK SUBGRADE ND 1917+00-1923+00

VSH-9B
U.S. Elev.
523.95

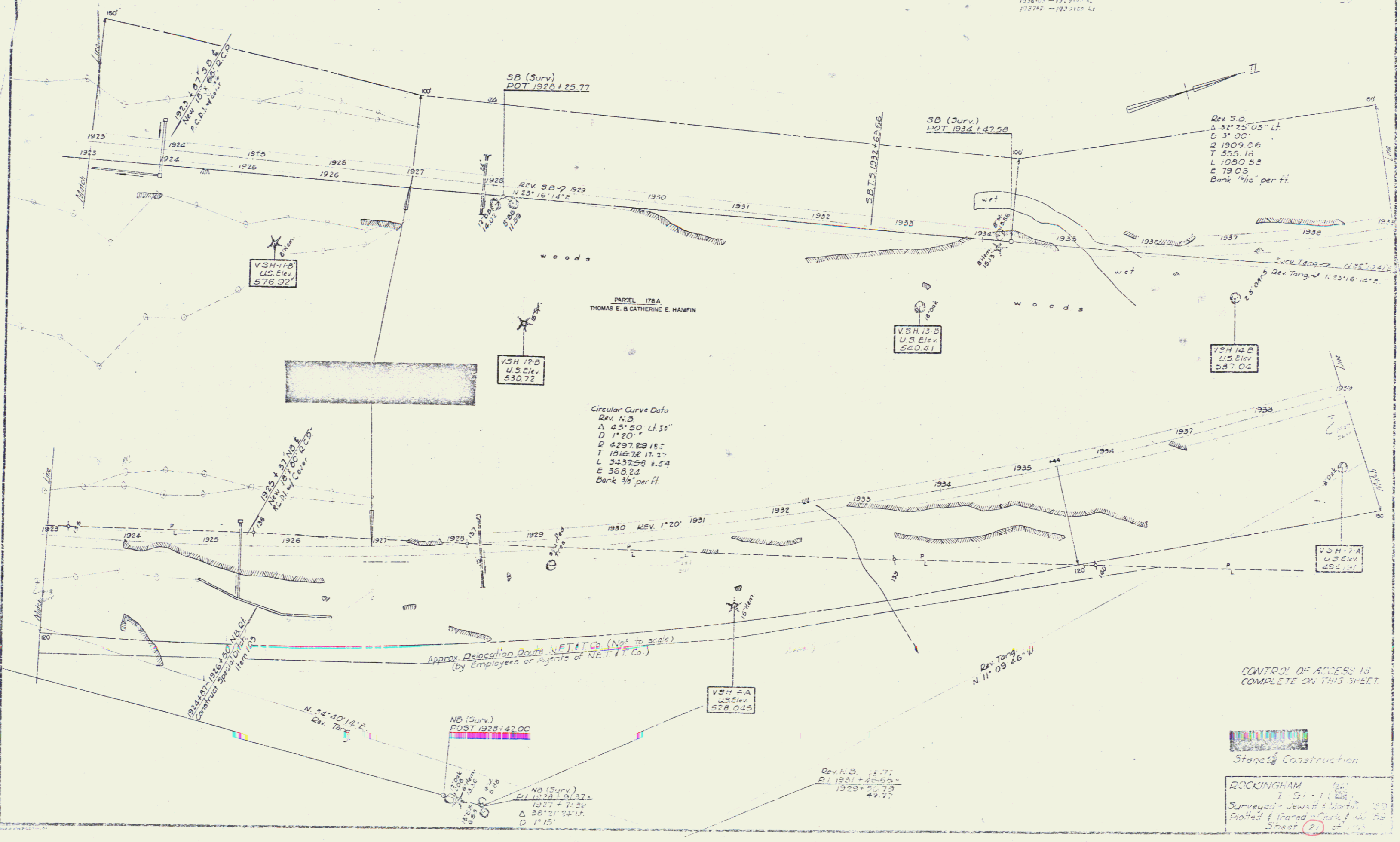
Circular Curve Data
Rcv N.E.
RITE TAKEN COND 5/15/52
RECORDED ROCKINGHAM BK 87 PG 193-195, 9/2/52
D 4297.23
T 1816.72
L 3037.99
E 363.24
Bank 1/2' per ft.

VSH-5A
U.S. Elev.
497.85

PARCEL 179
GRANTOR: MARTIN F. & DOROTHY C. DOWNING
STATIONS: 1911+82 - 1924+00
TAKEN: 47-12-54
RECORDED: 23-0-54
RIGHTS: DRAINAGE-ST. 1911+82-1924+00, 1924+00-1924+00, 1924+00-1924+00
DITCHING-ST. 1911+82-1924+00

ROCKINGHAM (26)
1-31-16
Surveyed - Jewett & Martin '59
Plotted - Truitt - Clark & Co. '59
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Sheet 19

TRIPPLE CREEK RAILROAD
 DRILLING & BLASTING OF SOLID ROCK
 SUBGRADE



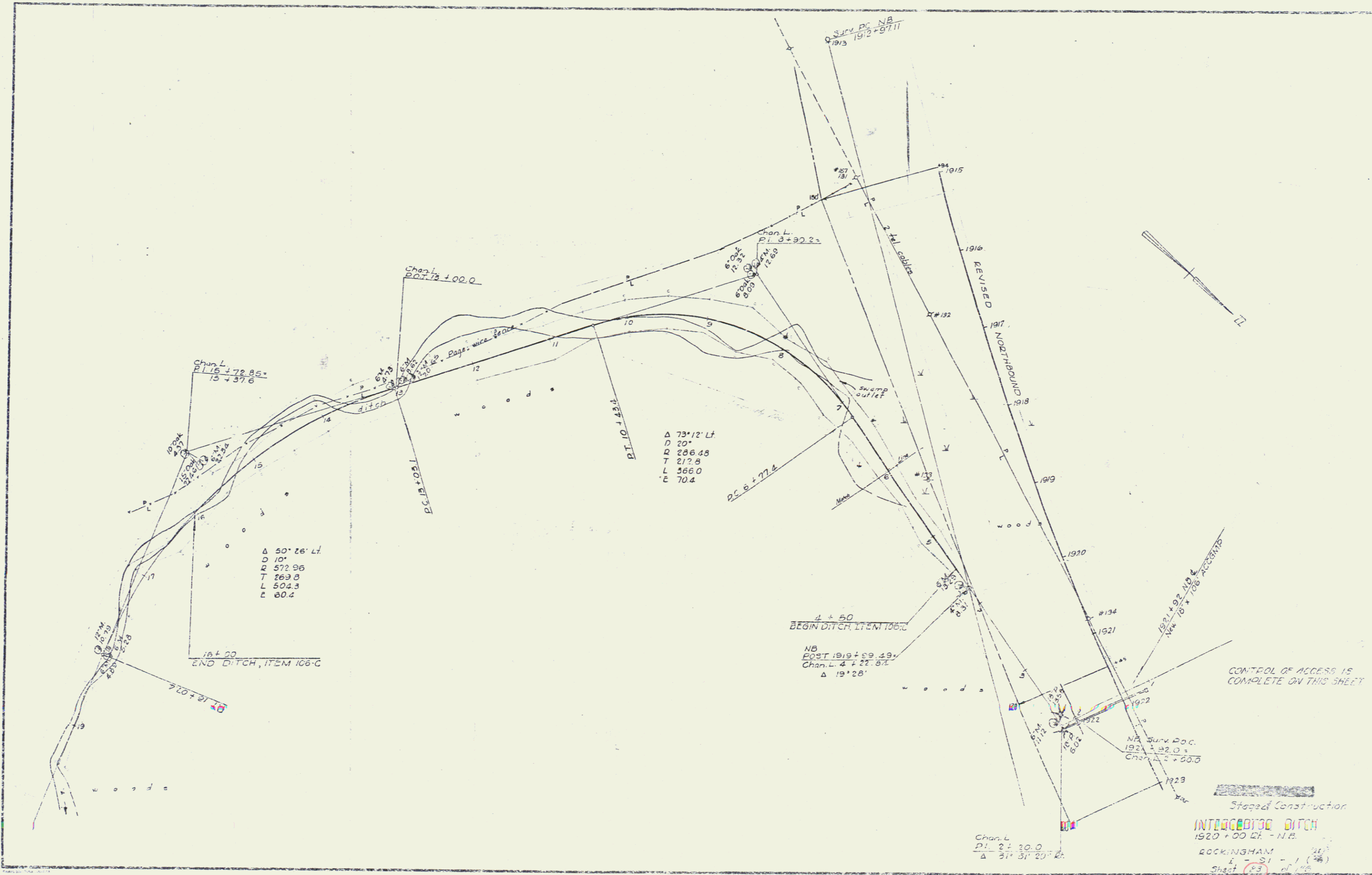
Rev. S.B.
 Δ 31° 25' 05" Lt.
 C 31' 00"
 T 1909.86
 L 1080.52
 E 79.05
 Bank 1/10' per ft.

Circular Curve Data
 Rev. N.B.
 Δ 45° 50' Lt. 51"
 D 1° 20"
 T 4297.29 18.5
 L 1018.38 17.1
 E 368.24
 Bank 3/8' per ft.

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

Stages Construction

ROCKINGHAM
 I 91-1-184
 Surveyed by Jewett Martin
 Plotted & Inset by Carl Paul
 Sheet 21 of 22



Chan. L.
P.I. 15 + 72.86
L 537.6

Chan. L.
P.C. 73 + 00.0

Chan. L.
P.I. 9 + 90.23
L 280

Chan. L.
P.I. 2 + 30.0
L 500.0

Chan. L.
P.I. 2 + 30.0
L 500.0

Chan. L.
P.I. 2 + 30.0
L 500.0

Δ 73° 12' Lt
D 20'
R 206.48
T 212.8
L 566.0
E 70.4

Δ 50° 26' Lt
D 10'
R 572.96
T 269.8
L 502.3
E 60.4

4 + 50
BEGIN DITCH ITEM 106-C

NB
POST 1919 + 69.49
Chan. L. 2 + 22.87
Δ 19° 28'

NA Surv. Doc.
1921 + 32.0 =
Chan. L. 2 + 50.0

Chan. L.
P.I. 2 + 30.0
L 500.0
Δ 31° 31' 20" Rt

Staged Construction

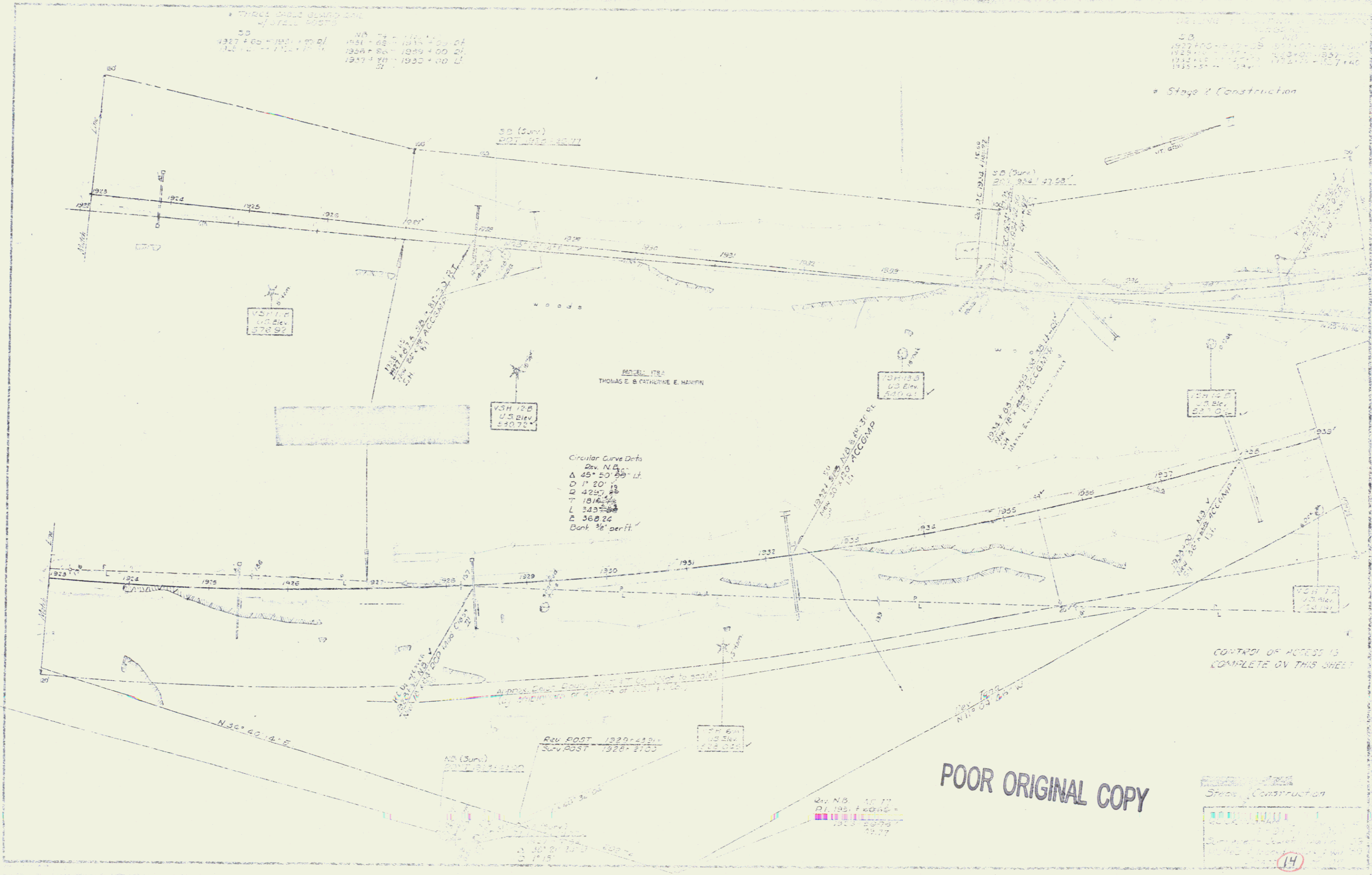
INTERCONNECTED DITCH
1920 + 00 ST. - N.B.

ROCKINGHAM
L - 31 - 1 (28)
Sheet 23 of 106

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DIRECT CORNER BEARING AND DISTANCE
 1927 + 00 - 1931 + 00 OF
 1931 + 00 - 1935 + 00 OF
 1935 + 00 - 1939 + 00 OF
 1939 + 00 - 1943 + 00 OF

* STAGE 2 CONSTRUCTION
 1927 + 00 - 1931 + 00 OF
 1931 + 00 - 1935 + 00 OF
 1935 + 00 - 1939 + 00 OF
 1939 + 00 - 1943 + 00 OF



Circular Curve Data
 Dev. N. G. 1/4
 Δ 45° 50' 00" Lt.
 D 17 20' 18"
 T 18 14' 28"
 L 343' 28"
 E 360' 24"
 Bank 3/4' per ft.

MODEL 1782
 THOMAS E. B. CATHERINE E. NANNIN

CONTROL OF ACCESS IS
 COMPLETE ON THIS SHEET

POOR ORIGINAL COPY

Q. N. B. 10 17
 D. I. 198. 10000
 1923 2075
 25.77

* STAGE 2 CONSTRUCTION
 [Color-coded legend for Stage 2 Construction]
 14

THREE CABLE GUARD RAIL w/ STEEL POSTS

SPECIAL DITCH - 1939-76-1941-27 NB LT.

DRILLING & BLASTING OF SOLID ROCK SUBGRADE

SB 1939+23-1943+23 St
1940 P.O. - 1941+27 St
NB 1939+00-1945+00 St
1942 P.O. - 1954+00 St
1939+00-1945+00 Lt
1942 P.O. - 1954+00 Lt

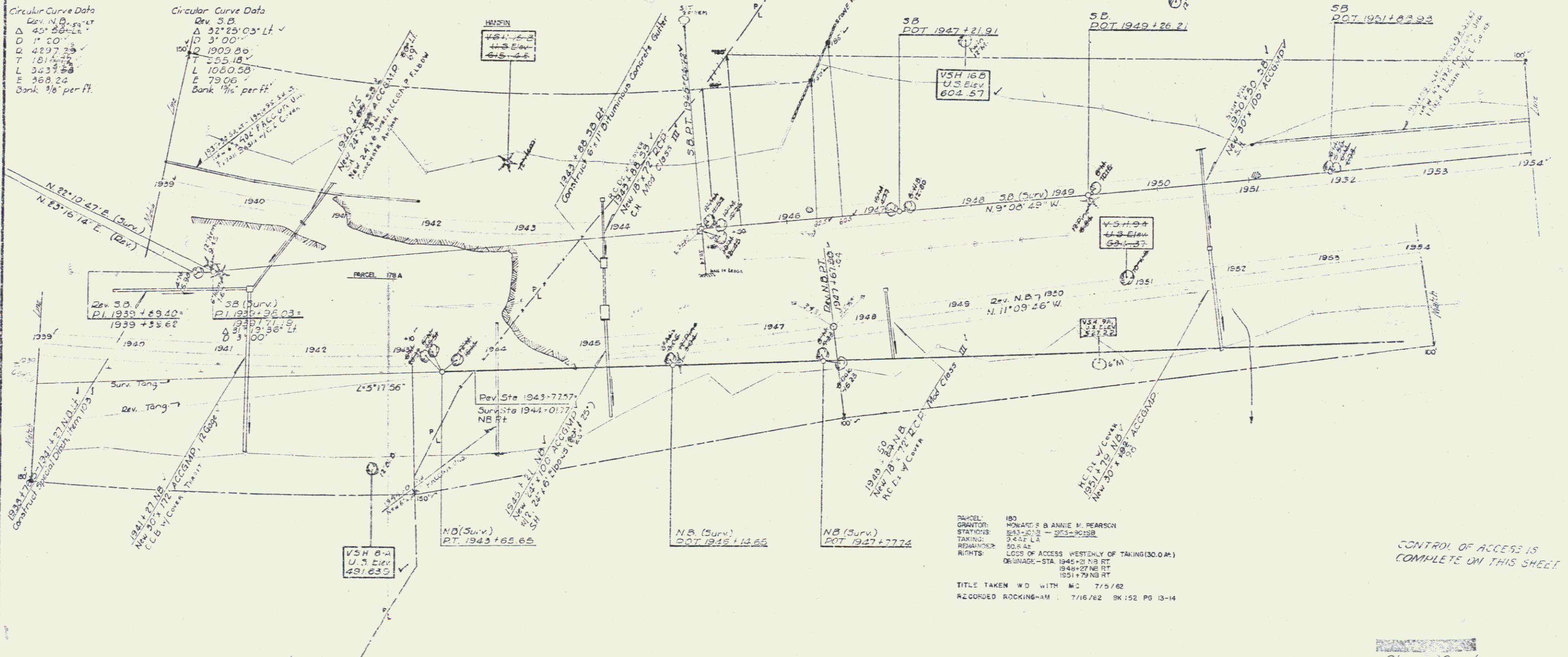
SB 1949+00-1951+00 St
1947 P.O. - 1949+00 St
ND 1945+00-1951+00 St
1947 P.O. - 1949+00 St

• Stage 2 Construction

S.B. Spiral Curve Data
 Δ 32° 25' 03" Lt Ls 780.58
 D_c 3' Lt 811.3
 R_c 1909.86 Lt 200.06
 L_s 300' St 100.06
 Δ_c 6.5 Lt 199.92
 Δ_c 23° 25' 03" T3 1932 + 63.66
 A 196 SC 1935 + 63.66
 K 149.97 CS 1943 + 44.24
 X_c 299.81 ST 1945 + 56.16
 Y_c 7.85 Bank 1/2% per ft.
 T_3 705.74

Circular Curve Data
 Δ 45° 58' 11" Lt
 D 1' 20" Lt
 T 1814.29
 L 3437.58
 E 268.24
 Bank 3/8% per ft.

Dev. S.B.
 Δ 32° 25' 03" Lt
 D_c 3' Lt
 R_c 1909.86 Lt
 L_s 300' Lt
 Δ_c 6.5 Lt
 Δ_c 23° 25' 03" Lt
 A 196 Lt
 K 149.97 Lt
 X_c 299.81 Lt
 Y_c 7.85 Lt
 T_3 705.74 Lt
 Bank 1/2% per ft.



PARCEL: 183
 GRANTOR: HOWARD S & ANNIE M. PEARSON
 STATION: 843-272 - 205-90198
 TAXING: 0422 LA
 REMAINS: 50.8 AC
 RIGHTS: LOSS OF ACCESS WESTERLY OF TAKING (30.0 AC)
 DEUNAGE - STA. 1945+21 NB RT
 1948+27 NB RT
 1951+79 NB RT

TITLE TAKEN W.D. WITH M.C. 7/5/62
 RECORDED ROCKINGHAM 7/16/62 SK 152 PG 13-14

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

Stage 2 Construction

ROCKINGHAM
 I-91-1 (100) 100
 Surveyed - Jewell & Associates
 Plotted & Printed - Jewell & Associates
 Sheet 13 of 107

* THREE CABLE GUARD RAIL w/ STEEL POSTS
1954 + 00 - 1961 + 33 Lt NB.

* STANDARD STEEL BEAM GUARD RAIL
1960 + 24 - 1960 + 76 Lt S.B.

* BITUMINOUS CONCRETE CURB, TYPE II, ITEM 555
1958 + 00 - 1961 + 33 Lt NB. RT

OUTLET CHANNEL - 1959 + 80 - 1961 + 41 Lt NB. RT

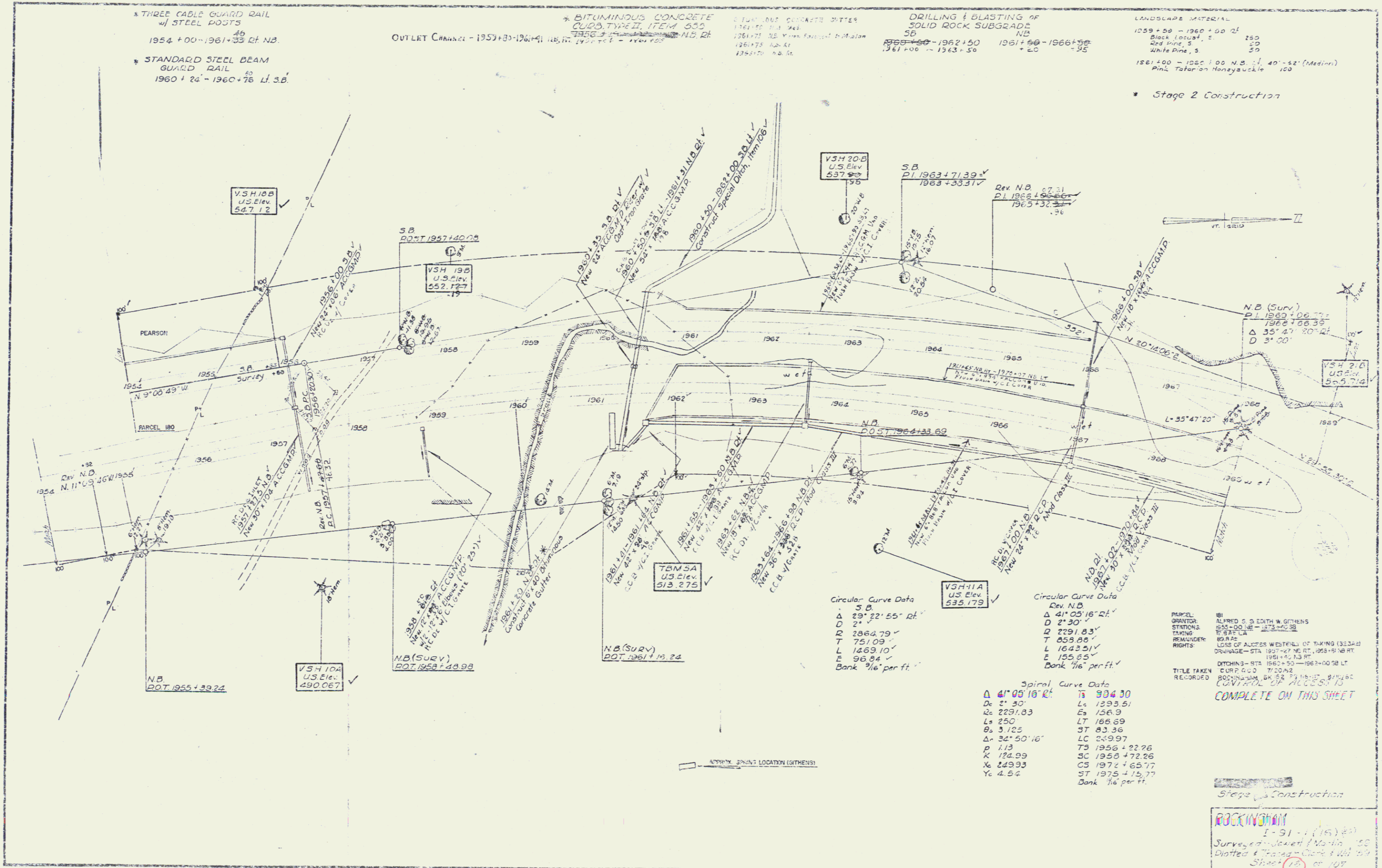
STURROCK CONCRETE BITTER
1961 + 71 Lt NB. RT
1961 + 71 Lt NB. RT
1961 + 71 Lt NB. RT

DRILLING & BLASTING OF SOLID ROCK SUBGRADE
SB
1958 + 00 - 1962 + 50
1961 + 00 - 1963 + 50

LANDSCAPE MATERIAL
1959 + 00 - 1960 + 50 Lt
Black Locust, 5
2nd Pine, 5
White Pine, 5

1961 + 00 - 1962 + 00 Lt NB. RT
40' - 42' (Medium)
Pink Tatorion Honeyuckle 100

* Stage 2 Construction



Circular Curve Data
S.B.
Δ 29° 22' 55" Rt
D 2'
R 2864.79'
T 751.09'
L 1469.10'
E 96.84'
Bank 3/16' per ft.

Circular Curve Data
Rev. NB.
Δ 41° 05' 16" Lt
D 2' 30"
R 2291.83'
T 859.88'
L 1643.51'
E 155.85'
Bank 3/16' per ft.

Spiral Curve Data
Δ 41° 09' 16" Rt
Dc 2' 30"
Lc 1295.51'
Ls 2291.83'
L 156.89'
Bs 3.125'
Δ 34° 50' 16"
p 1.13
K 124.99
Xc 249.93
Yc 4.54

Ts 904.30
Ls 1295.51
Ls 156.89
Ls 156.89
St 83.36
Lc 249.97
Ts 1956 + 22.26
Sc 1950 + 72.26
Cs 1972 + 65.77
St 1975 + 15.77
Bank 3/16' per ft.

PARCEL: S1
OWNER: ALFRED S. G. EDITH W. GITHENS
STATION: S&S-00-18-1-273-200-38
TAKING: P 93' LA
REMARKS: LOSS OF ACCESS WESTFALL OF TAKING (32.34)
DITCHING - STA 1957 + 47 NE RT, 1958 + 91 NB RT, 1961 + 42 NB RT
TITLE TAKEN: CORP 400 720042
RECORDED: BOONVILLE, BK 52 P 115-117 91/160
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

Stage 2 Construction

ROCKWORTHY
I-91-1 (16) 80
Surveyed by Janet Martin 100
Dotted & Dashed Lines 100
Sheet 100 of 100

*THREE CABLE GUARD RAIL
w/ STEEL POSTS
SB
1974 + 96 - 1979 + 50.21
NB
1975 + 86 - 1981 + 24.21

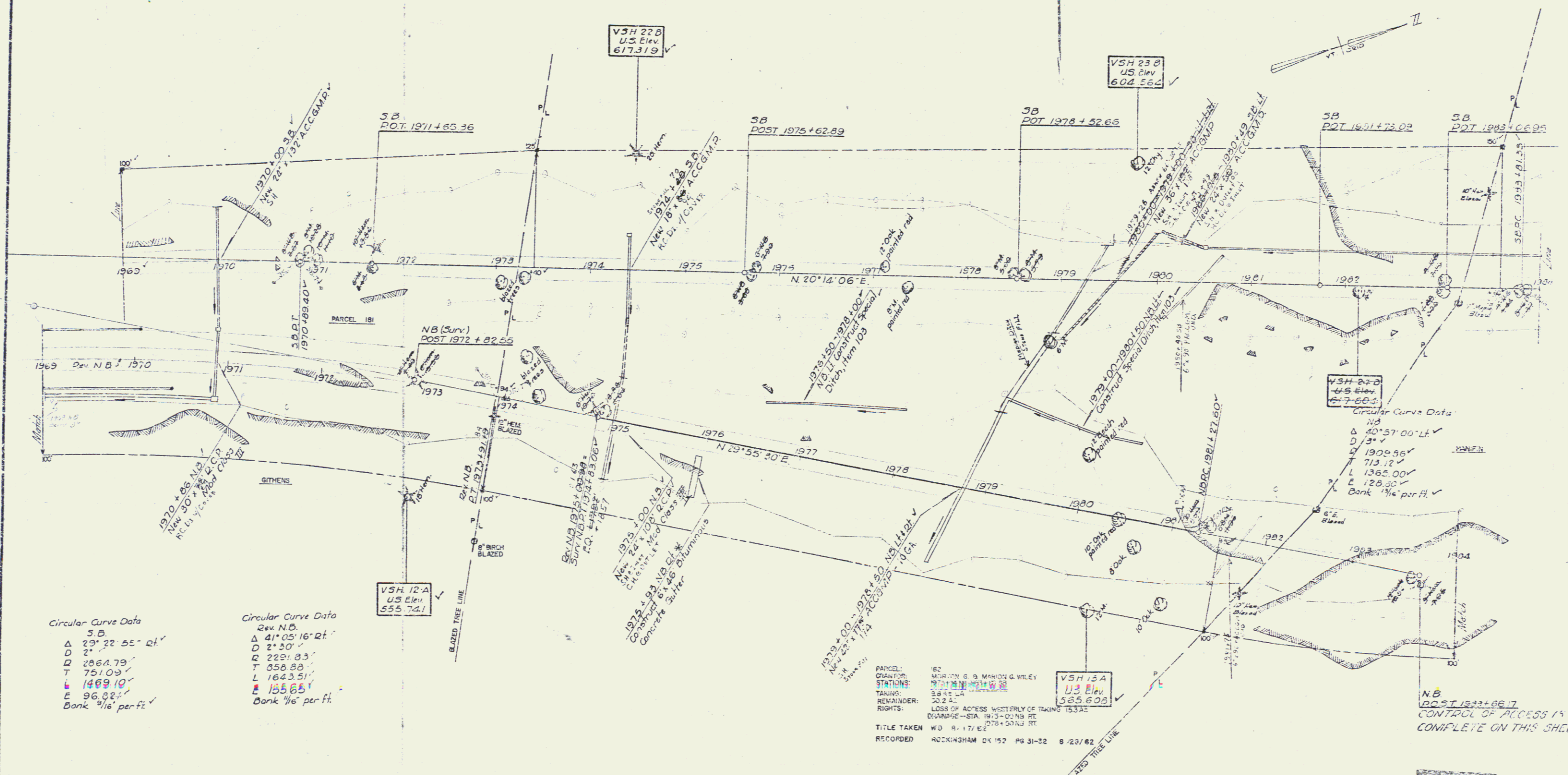
* BITUMINOUS CONCRETE CURB
1974 + 50 - 1979 + 54 NB RT

SPECIAL DITCHES
1976 + 50 - 1978 + 50 NB RT
1979 + 00 - 1980 + 50 NB RT

BITUMINOUS CONCRETE GUTTER
1979 + 00 - 1980 + 50 NB RT

DRILLING & BLASTING OF SOLID ROCK
SUBGRADE
SB
1971 + 00 - 1973 + 00
1980 + 00 - 1984 + 00
NB
1974 + 96 - 1978 + 00
1984 + 00 - 1984 + 00
1984 + 96

* Stage 2 Construction



Circular Curve Data
SB
Δ 29° 22' 55" Rt.
D 2'
D 2066.79'
T 751.09'
E 1469.10'
Bank 1/16" per ft.

Circular Curve Data
Rev. N.D.
Δ 41° 05' 16" Rt.
D 2' 30"
D 2281.83'
T 856.88'
L 1643.51'
Bank 1/16" per ft.

PARCEL: 182
GRANTOR: MURPHY G. & MURPHY G. WILEY
STATIONS: 1974 + 50 - 1979 + 54 NB RT
TRAVEL: 38.44' L
REMAINDER: 20.2' L
RIGHTS: LOSS OF ADDRESS WESTERLY OF TAKING 15.33E
CORRECTION - STA. 1973 + 00 NB RT
TITLE TAKEN: WD. 8. 17. 62
RECORDED: ROCKINGHAM DE 152 PG 31-32 8/23/62

Circular Curve Data
NB
Δ 40° 57' 00" Lt.
D 3' 3"
D 1900.96'
T 713.12'
L 1365.00'
Bank 1/16" per ft.

NB
POST 1981 + 66.7
CONTROL OF ACCESS IS
COMPLETE ON THIS SHEET

Stage 2 Construction

ROCKINGHAM
I-91-1(18)125
Surveyed - James J. Smith, '62
Plotted - Legend - Clark, W.D. '60
Sheet 17 of 107

THREE CABLE GUARD RAIL
w/ STEEL POSTS
SB 1995+46 - 1999+00 DI
NB 1991+58 - 1994+46 DI
1998+02 - 1999+00 DI
1997+99 - 1997+00 DI

BITUMINOUS CONCRETE CURB
NB 1998+42 - 1999+00 RT

DRILLING & BLASTING OF SOLID ROCK
SUBGRADE
SB 1984+00 - 1995+00
NB 1984+00 - 1995+00

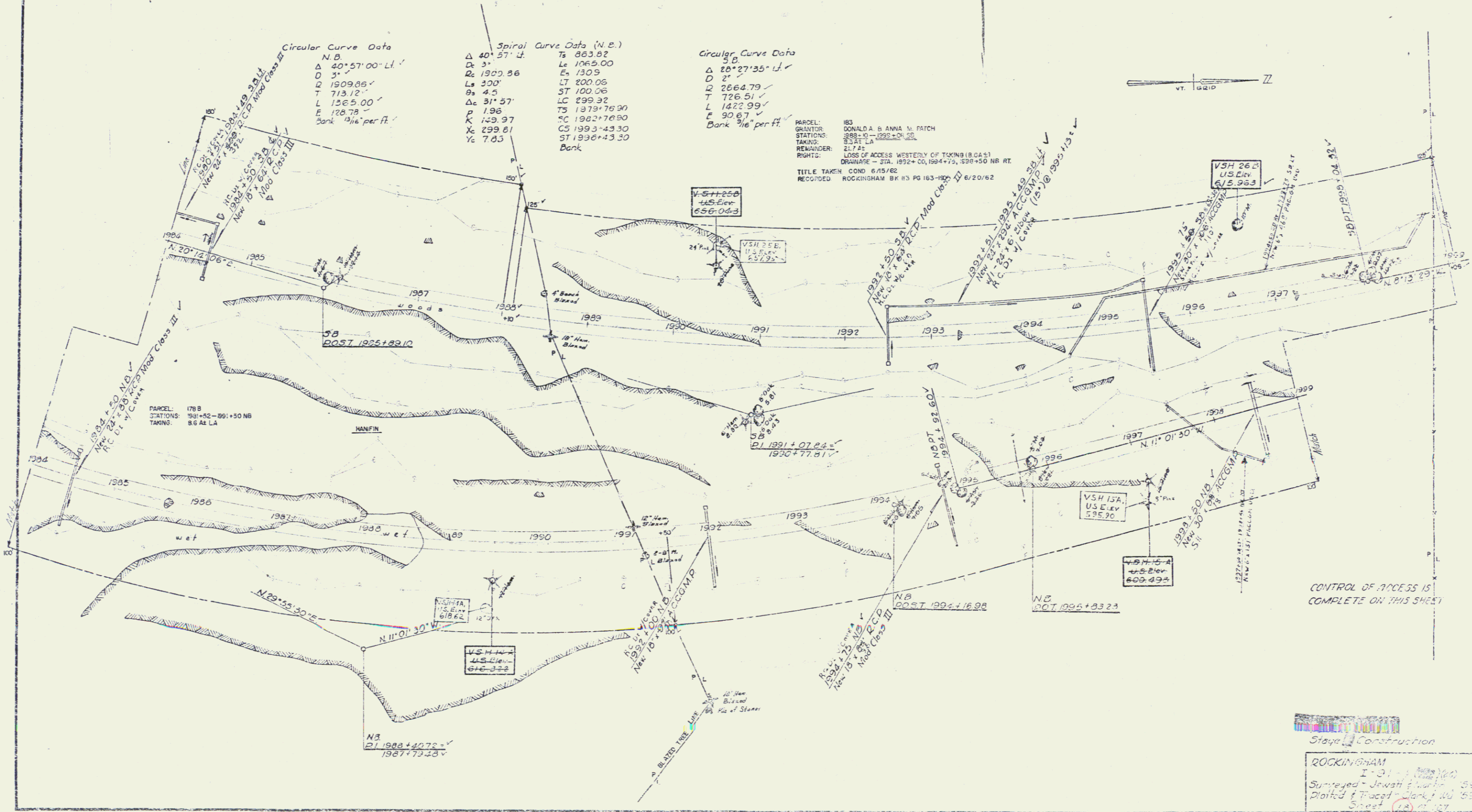
Stage 2 Construction

Circular Curve Data
N.B.
Δ 40° 57' 00" L
D 3'
L 1909.85'
T 713.12'
L 1365.00'
E 128.78'
P 196'
K 143.97'
Xc 299.81'
Yc 7.83'

Spiral Curve Data (N.E.)
Δ 40° 57' L
Ds 3'
Ls 1909.86'
Ls 300'
Ls 4.5'
Δc 31° 57'
P 196'
K 143.97'
Xc 299.81'
Yc 7.83'

Circular Curve Data
S.B.
Δ 28° 27' 35" L
D 2'
L 2864.79'
T 726.51'
L 1422.99'
E 90.67'
Bank 3/16 per ft.

PARCEL: 183
GRANTOR: DONALD A. & ANNA M. PATCH
STATIONS: 1988+01 - 1992+01
TAKING: 3-3-51 LA
REMAINDER: 21.7 ft
RIGHTS: LOSS OF ACCESS WESTERLY OF TAKING (8.04-1)
DRAINAGE - STA. 1992+00, 1994+73, 1998+50 NB RT.
TITLE TAKEN COND 6/15/62
RECORDED ROCKINGHAM BK 15 PG 163-164 6/20/62



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

Stage 2 Construction
ROCKINGHAM
I-81-1-100 (60)
Surveyed - Justin F. Clark
Plotted & Traced - Justin F. Clark
Sheet 14 of 17

THREE CABLE GUARD RAIL
w/ STEEL POSTS
SB
1999+00-2000+70

NB
1999+00-2001+52.01
2006+90-2011+00 RT
2007+22

PROPERTY LINE FENCE
SB
2005+77-2010+95 LF

BITUMINOUS CONCRETE CURB
NB
1990+00 - 2001+52 NB RT
2003+70 - 2011+00 LF

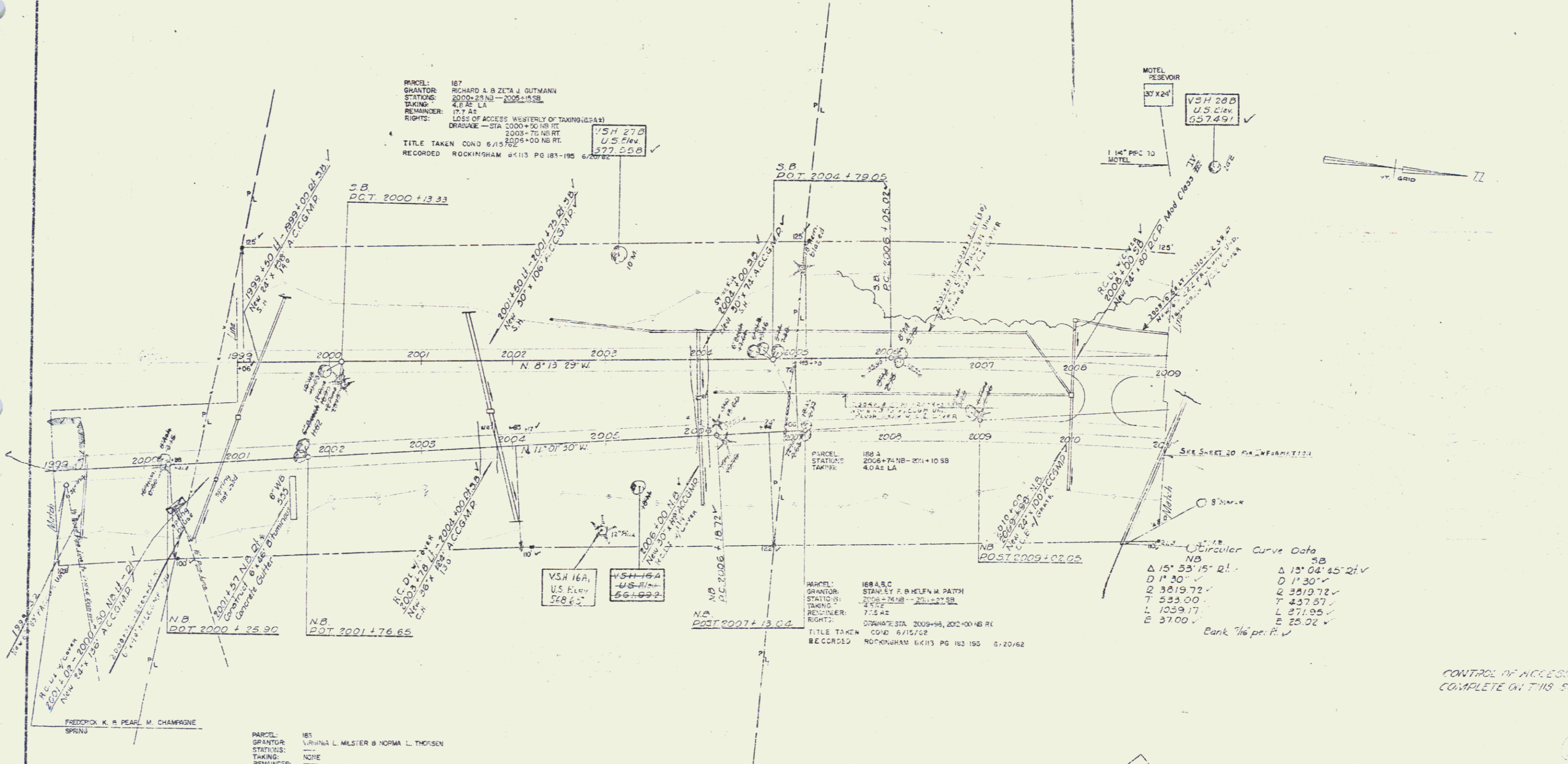
CONSTRUCT U-TURN
2008+30:55
(See Standard B-17)

CONSTRUCT GRANITE BUTTER
2008+30:55

DRILLING & PLASTING OF
SOLID ROCK SUBGRADE
NB
1999+00-1999+100
2001+50-2003+60

DEMOLITION & REMOVAL OF BUILDING
NB
2000+30 RT
Note: To be removed after drilling of well is complete.

* Stage 2 Construction



PARCEL: 187
GRANTOR: RICHARD A. & ZETA J. GUTMANN
STATION: 2000+23 NB - 2005+15 SB
TAKING: 4.75 LA
REMAINER: 17.7 A
RIGHTS: LOSS OF ACCESS WESTERLY OF TAKING (25.5A)
BRIDGE - STA 2000+30 NB RT
2003+70 NB RT
2009+00 NB RT
TITLE TAKEN COND 6/15/62
RECORDED ROCKINGHAM BK 113 PG 183-195 6/20/62

MOTEL RESERVOIR
37' X 24'
VSH 20B
U.S. Elev.
657.491

PARCEL: 188 A
STATION: 2006+76 NB - 2011+10 SB
TAKING: 4.02 LA

Circular Curve Data

SB	NB
$\Delta 15^{\circ} 53' 15''$ R.L.	$\Delta 13^{\circ} 04' 45''$ R.L.
$D 1^{\circ} 30'$	$D 1^{\circ} 30'$
$Q 3819.72'$	$Q 3819.72'$
$T 533.00'$	$T 437.67'$
$L 1259.17'$	$L 871.95'$
$E 37.00'$	$E 25.02'$

Bank 1/6 per ft.

PARCEL: 184
GRANTOR: FREDERICK K. & PEARL M. CHAMPAGNE
STATION: -
TAKING: NONE
REMAINER: -
RIGHTS: SPENC STA 2000+30 NB RT
TITLE TAKEN COND 7/13/62
RECORDED ROCKINGHAM RK 102 PG 12 7/16/62

PARCEL: 185
GRANTOR: VIRGINIA L. MILSTER & NORMA L. THORSEN
STATION: -
TAKING: NONE
REMAINER: -
RIGHTS: SPENC STA 2000+30 NB RT
TITLE TAKEN COND 6/15/62
RECORDED ROCKINGHAM BK 113 PG 183-195 6/20/62

PARCEL: 189 A, B, C
GRANTOR: STANLEY F. & HELEN M. PATY
STATION: 2006+76 NB - 2011+27 SB
TAKING: 4.75 LA
REMAINER: 7.25 A
RIGHTS: SPENC STA 2009+96, 2010+00 NB RT
TITLE TAKEN COND 6/15/62
RECORDED ROCKINGHAM BK 113 PG 183-195 6/20/62

CONTROL OF ACCESS IS
COMPLETE ON THIS SHEET

189A FENCE NOTE

ROCKINGHAM
Surveyed - Jewell & Martin 1955
Plotted & Traced 11/19/62
Sheet 19 of 101

NOTE: FOR SIDE LINE DETAILS, REFER TO SHEETS OF

1960 Surv
N.B.P.I. 2011 + 31.72
2011 + 44.85

1960 Surv
S.B.P.I. 2011 + 33.69
2011 + 33.70

1960 Surv
S.B.P.I. 2011 + 33.69
2011 + 33.70

1960 Surv
S.B.P.I. 2011 + 33.69
2011 + 33.70

1960 Surv
S.B.P.I. 2011 + 33.69
2011 + 33.70

1960 Surv
S.B.P.I. 2011 + 33.69
2011 + 33.70

1960 Surv
S.B.P.I. 2011 + 33.69
2011 + 33.70

THREE CABLE GUARD RAIL *
w/ STEEL POSTS
SB 2010 + 50 - 2017 + 10.4
NB 2011 + 00 - 2018 + 50.21

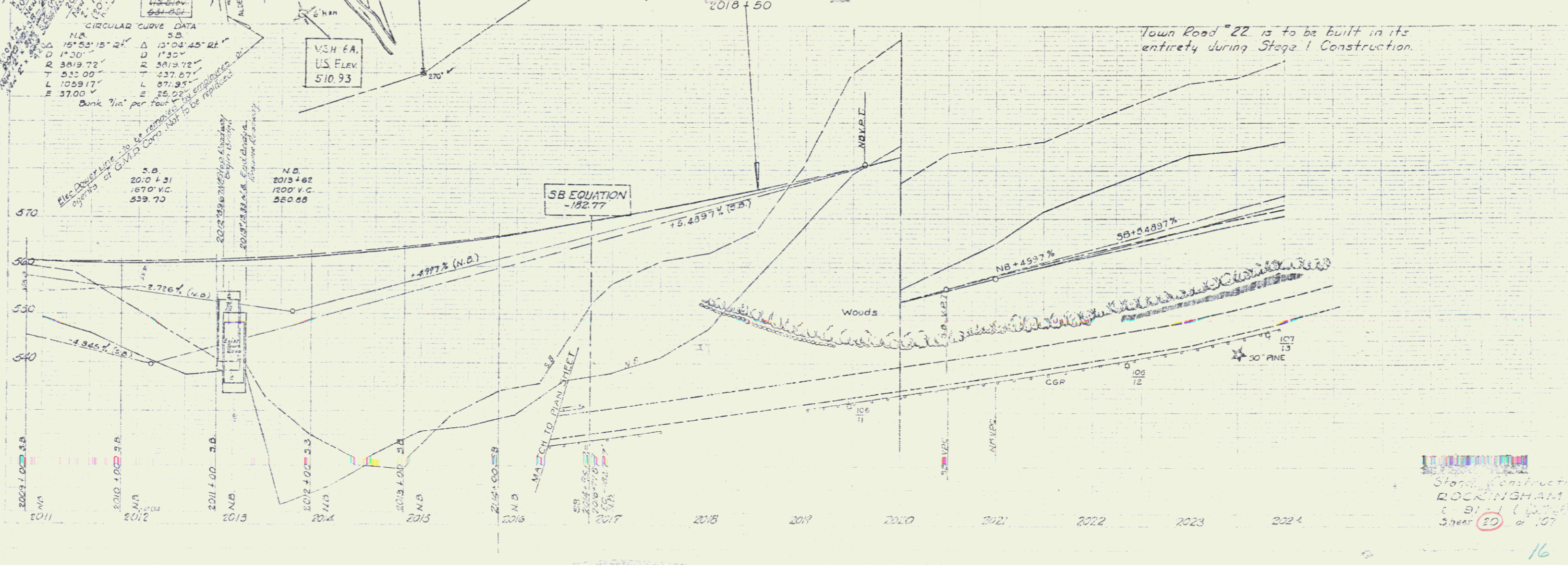
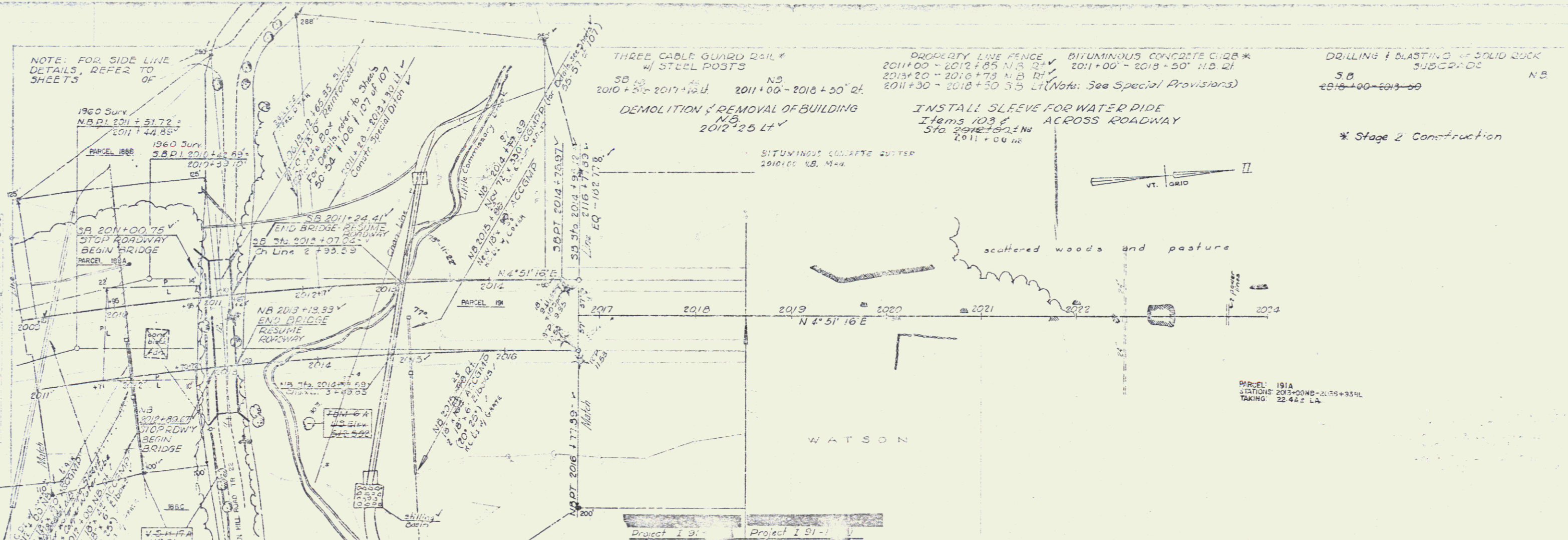
DEMOLITION & REMOVAL OF BUILDING
2012.25 Lt

PROPERTY LINE FENCE
2011 + 00 - 2012 + 85 N.B. 9.4
2013 + 20 - 2016 + 79 N.B. 11.4
2011 + 30 - 2018 + 50.55 Lt (Note: See Special Provisions)

INSTALL SLEEVE FOR WATER PIPE
Items 103 & 104
Sta. 2011 + 00 to 2011 + 00.12

DRILLING & BLASTING OF SOLID ROCK
SUBGRADE
SB
2011 + 00 - 2011 + 00

* Stage 2 Construction



CIRCULAR CURVE DATA
N.B.
D 15.53
R 3819.72
L 1059.17
E 37.00

V.S.H. 6A
U.S. Elev.
510.93

V.S.H. 7A
U.S. Elev.
525.67

S.B. EQUATION
-182.77

WATSON

scattered woods and pasture

Down Road 22 is to be built in its entirety during Stage 1 Construction.

Stage 1 Construction
ROCKINGHAM
Sheet 20 of 107

STANDARD STEEL BEAM GUARD RAIL
w/ STEEL POSTS
10+52 -11+00 Lt & Rt
12+66 -13+20 Lt & Rt

CONSTRUCT DRIVE
8+95 Lt
14+75 Lt
15+00 Lt

FLUSH BASINS w/ E COVER
14+50 Lt

* Stage 2 Construction

PARCEL: 189
GRANTOR: CATHERINE JOHNSON
STATIONS: 200+71.8 - 200+85.8
TAKING: 0.2 AC LA
REMAINDER: NONE
RIGHTS: WATER
TITLE TAKEN: 1/23/62
ROCKINGHAM BK162 PG 21-23

8+50
BEGIN SIDE LINE
CONSTRUCTION

16+00
END SIDE
LINE CONST

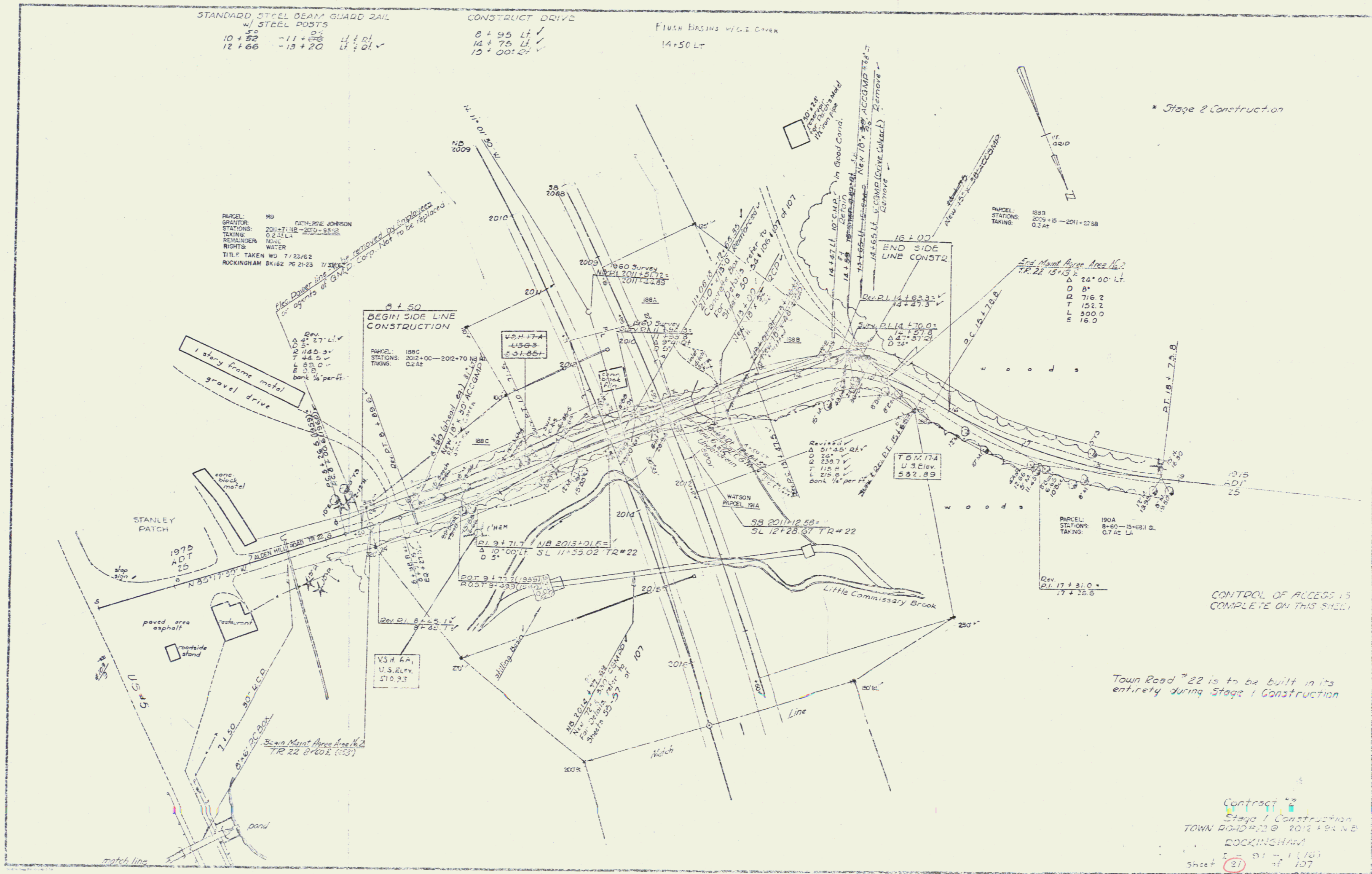
End Mount Area Area No. 2
TR 22 15+35
Δ 24° 00' Lt
D 8'
T 152.2
L 500.0
S 16.0

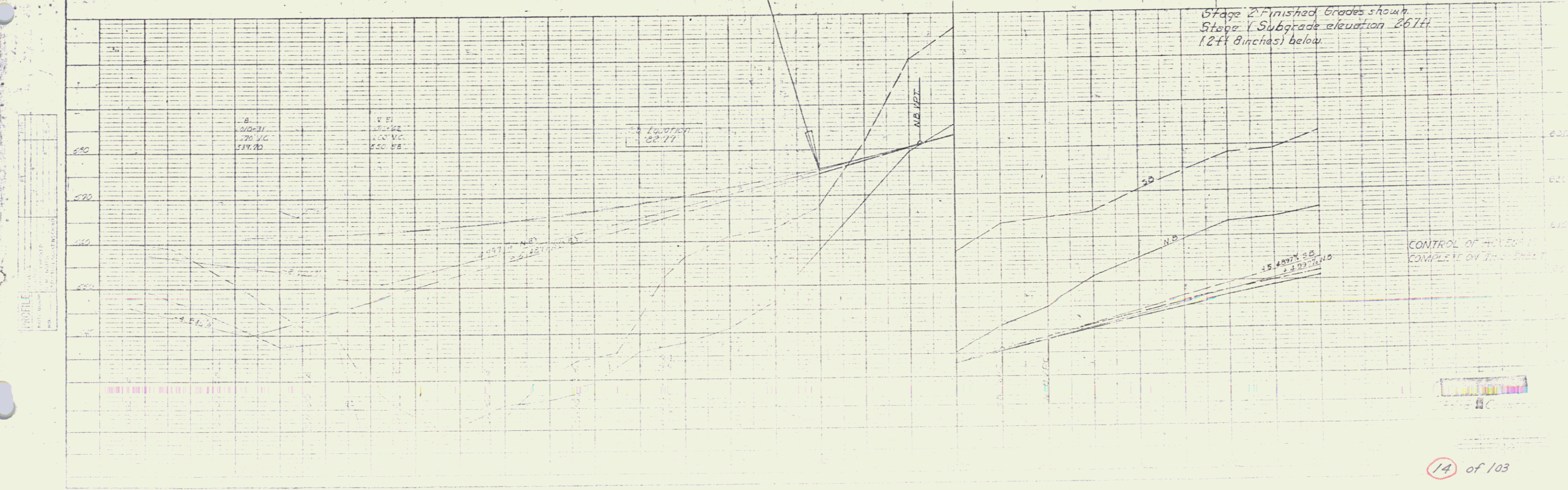
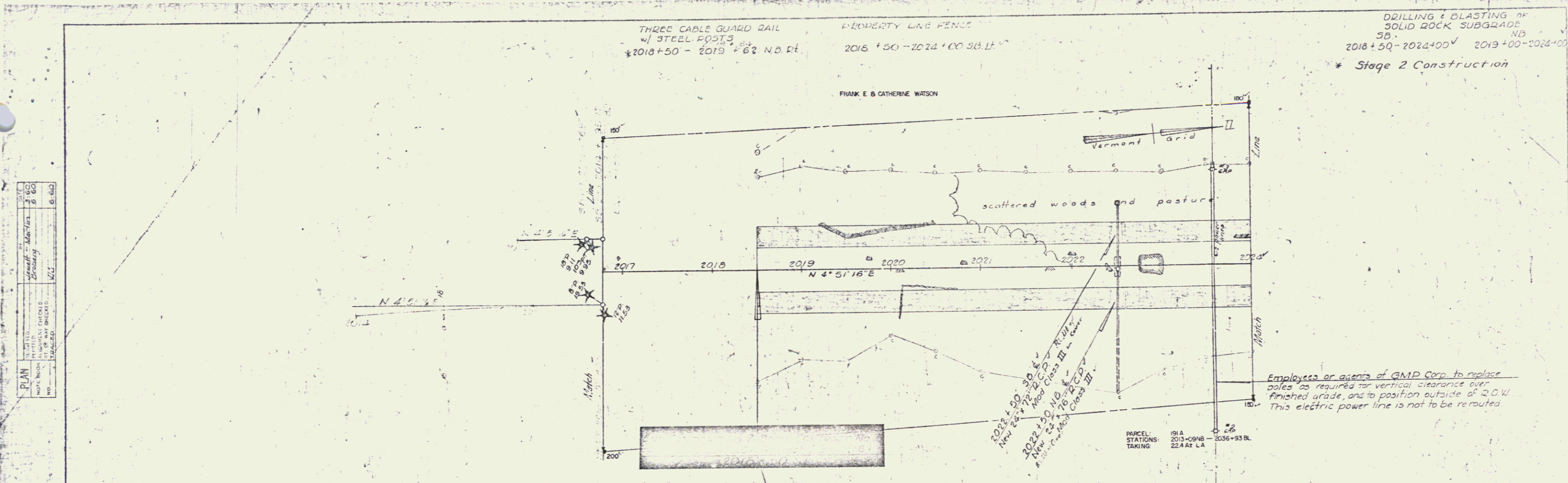
PARCEL: 190A
STATIONS: 8+60 - 15+68.1 SL
TAKING: 0.7 AC LA
REV. PL 17+31.0
17+26.5

CONTROL OF ACCESS IS
COMPLETE ON THIS SHEET

Town Road #22 is to be built in its
entirety during Stage 1 Construction

Contract #
Stage 1 Construction
TOWN ROAD #22 @ 1012+84 NB
ROCKINGHAM
1 - 91 - 1 (18)
Sheet 21 of 107



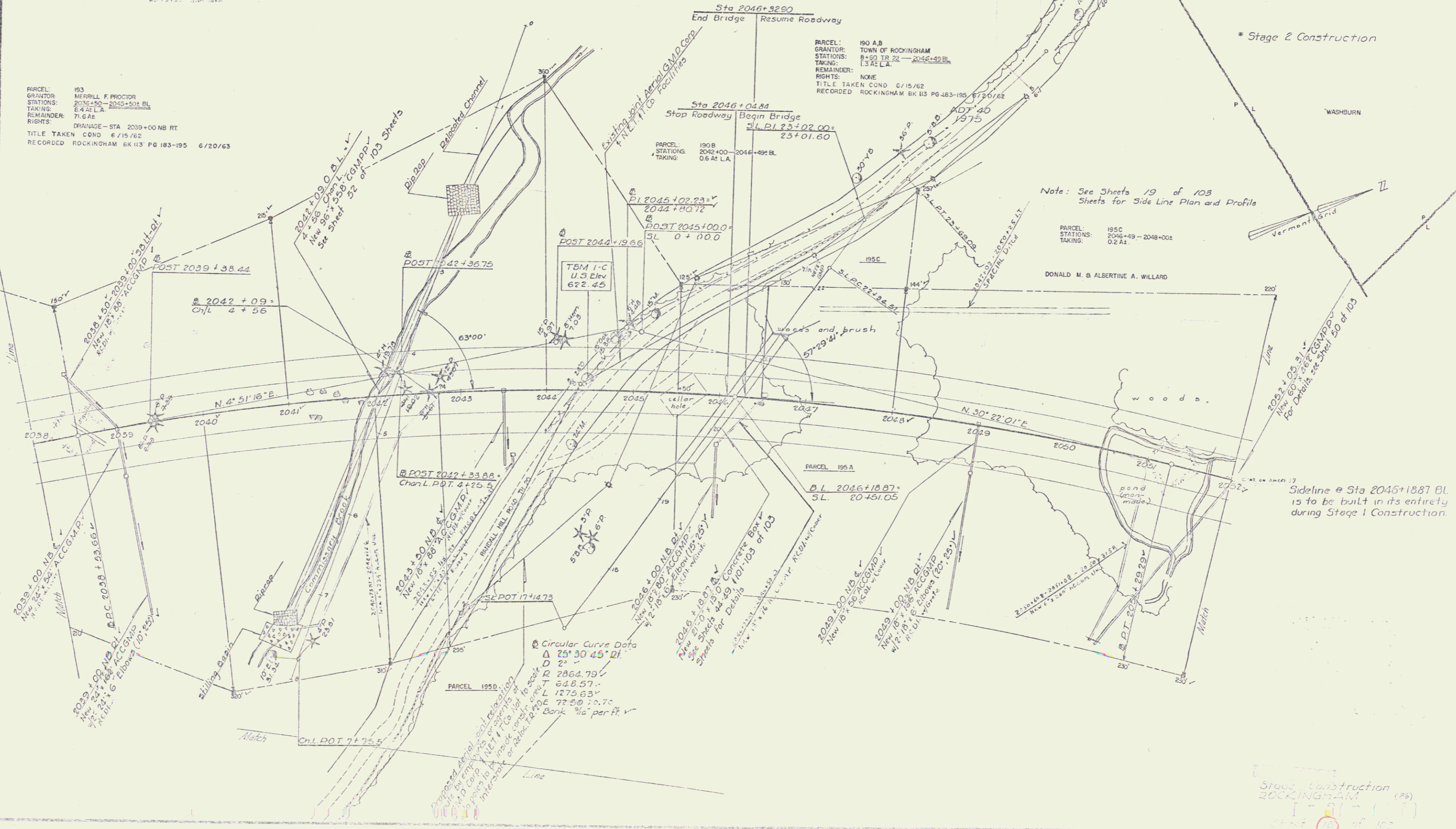


PLAN	DATE	BY
DESIGNED	2/10	WJ
CHECKED	2/10	WJ
DATE	2/10	WJ
NO.	219	WJ
BY	WJ	WJ
DATE	2/10	WJ
NO.	219	WJ

PARCEL 193
 GRANTOR: MERRILL F. PROCTOR
 STATIONS: 2038+50 - 2040+50 BL
 TAKING: 6.42 L.A.
 REMAINDER: 71.6 A.E.
 RIGHTS: FRANCHISE - STA. 2039+00 NB RT
 TITLE TAKEN COND. 6/15/62
 RECORDED: ROCKINGHAM BK 113 PG 183-195 6/20/63

PROPERTY LINE FENCE
 2042+00 - 2043+00 LT
 2043+00 - 2044+00 RT
 Exact location to be determined
 by the Engineer
 2042+00 - 2044+00 Hr.
 2043+00 - 2044+00 Hr.

* BITUMINOUS CONCRETE CURB, Type II
 N.B.
 2034+00 - 2032+00 L.V.



Stage 2 Construction
 ROCKINGHAM (26)

STANDARD STEEL BEAM
C/4x3 RAIL w/ STEEL POSTS
2064+00 NB LT.

* THREE CABLE GUARD RAIL
w/ STEEL POSTS
2052+00-2063+00 SB LT.
2052+00-2063+00 NB RT.
2063+00

PROPERTY LINE FENCE
2063+00-2068+00 NB RT.
53

STONE FILL FOR SLOPE PROTECTION
2059+50 - 2060+12.5 RT (15% OF SLOPE)

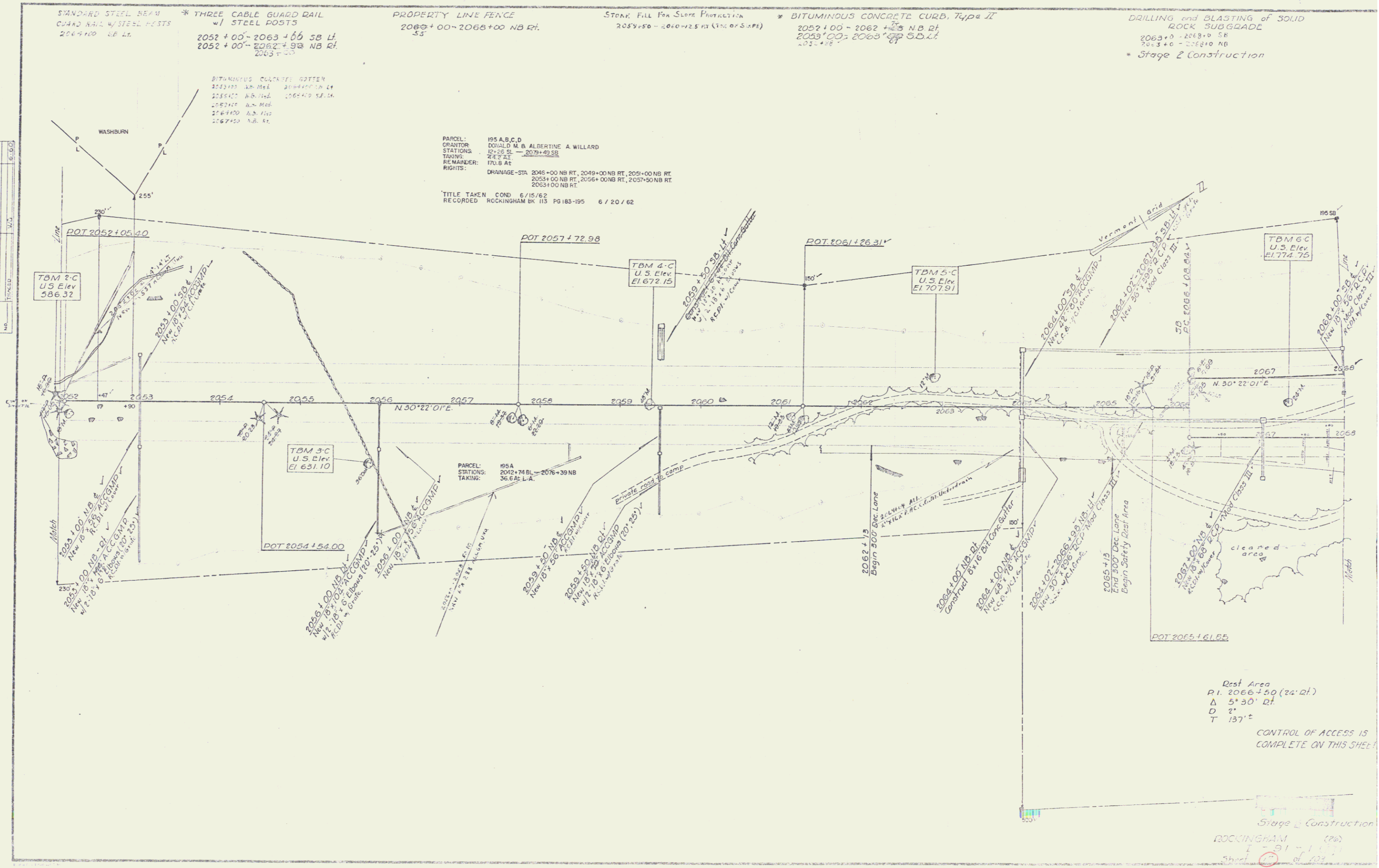
* BITUMINOUS CONCRETE CURB, Type II
2057+00 - 2062+00 NB RT.
2053+00 - 2063+00 SB LT.
205+00

DRILLING and BLASTING of SOLID
ROCK SUBGRADE
2063+0 - 2068+0 SB
2063+0 - 2068+0 NB
* Stage 2 Construction

BITUMINOUS CONCRETE COTTER
2053+00 NB RT. 2054+00 RT. LT.
2054+00 NB RT. 2055+00 SB LT.
2054+00 NB RT.
2064+00 NB RT.
2067+00 NB RT.

PARCEL: 195 A,B,C,D
CREATOR: DONALD M.B. ALBERTINE A WILLARD
STATIONS: 12+56 SL - 3079+42 SB
TAKING: 743' 23"
REMAINDER: 170.8 AT
RIGHTS: DRAINAGE - STA 2046+00 NB RT, 2049+00 NB RT, 2051+00 NB RT, 2053+00 NB RT, 2056+00 NB RT, 2057+50 NB RT, 2053+00 NB RT.
TITLE TAKEN COND. 6/15/62
RECORDED ROCKINGHAM BK 113 PG 183-195 6/20/62

PLAN	DATE	BY
REVISED		
NO. 1	11/15/62	W.S.
NO. 2	11/15/62	W.S.
NO. 3	11/15/62	W.S.
NO. 4	11/15/62	W.S.
NO. 5	11/15/62	W.S.
NO. 6	11/15/62	W.S.
NO. 7	11/15/62	W.S.
NO. 8	11/15/62	W.S.
NO. 9	11/15/62	W.S.
NO. 10	11/15/62	W.S.



Rest Area
P.I. 2066+50 (24' RT.)
Δ 5' 30' RT.
0' 2'
T 137'

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

Stage 2 Construction
ROCKINGHAM (26)
1-91-1171
Sheet 21 of 22
DIDGE LINE

860
B 60
Martin
Kunyon
11/13
TRACED

TWO CABLE GUARD RAIL
w/ STEEL POSTS, ITEM 542 V
12+00 - 15+60 RL

STANDARD STEEL BEAM GUARD
RAIL w/ STEEL POSTS, ITEM 547-A
16+30 - 19+44 RL
19+02 - 19+56 RL
21+35 - 21+39 RL
21+45 - 21+99 RL

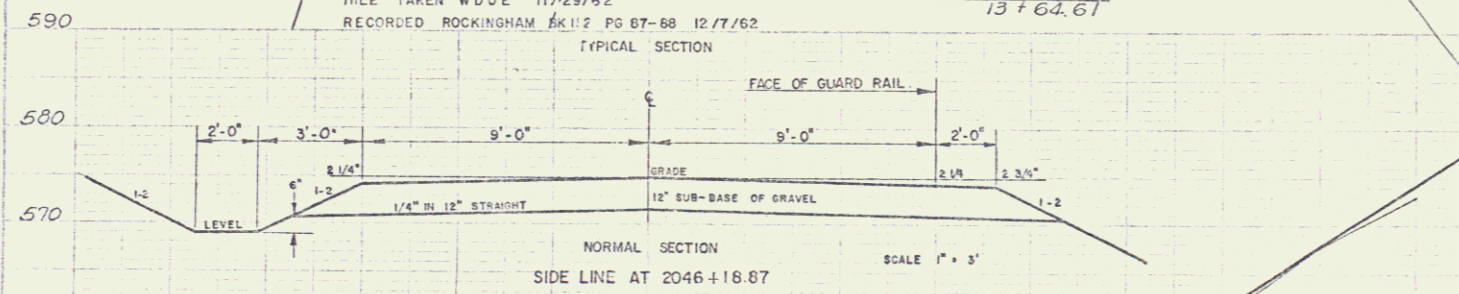
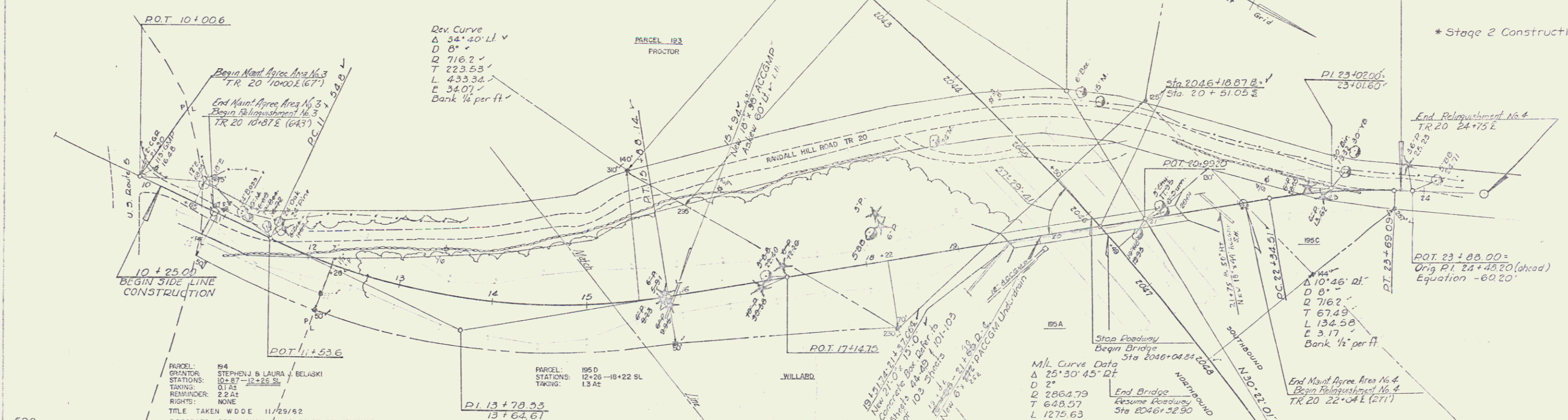
Type of Instrument
Agreement

Town
Rockingham

Date
August 29 1974

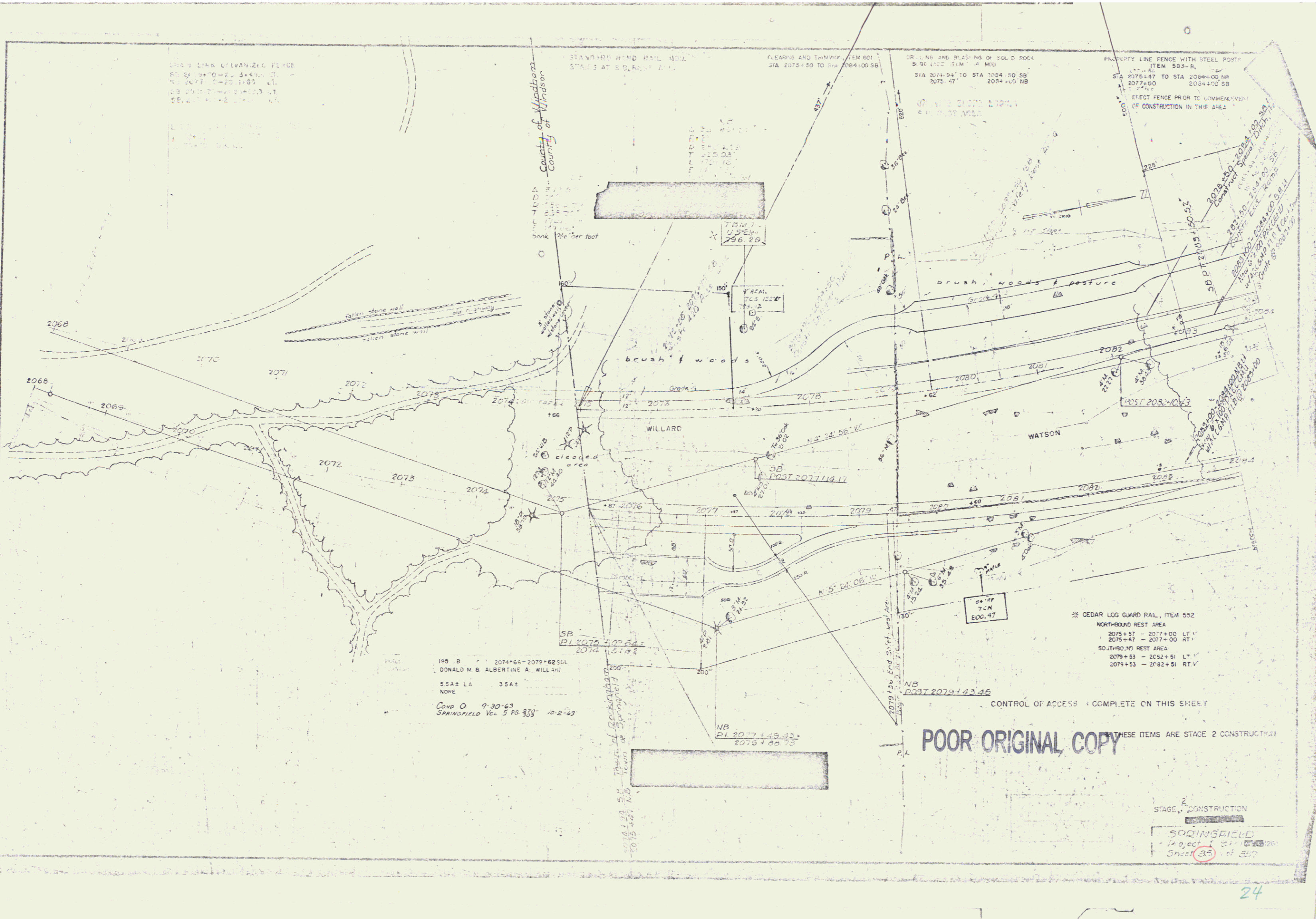
Book & Page
113 369-15

Dev. Curve
Δ 34° 40' Lt
D 8°
Q 716.2
T 223.53
L 433.34
E 34.07
Bank 1/2 per ft



CONTRACT No. 3
Stage 1 Construction
24
ROCKINGHAM
I 91 - 1(16)
@ M.L. 2046+18.87 Mid
Sheet 19 of 103

PLAN
 DATE
 DRAWN BY
 CHECKED BY
 SCALE
 SHEET NO. 32 OF 307



DRILLING AND BLASTING OF SOLID ROCK
 5' x 6' (20' x 14' MC)
 STA 2074+50 TO STA 2084+00 SB

County of Windsor

STANDARD RAIL ROAD
 STAYS AT S. D. RAIL A. L.

CLEARING AND TRIMMING ITEM 601
 STA 2075+50 TO STA 2084+00 SB

DRILLING AND BLASTING OF SOLID ROCK
 5' x 6' (20' x 14' MC)
 STA 2074+50 TO STA 2084+00 SB

PROPERTY LINE FENCE WITH STEEL POSTS
 ITEM 503-B,
 STA 2075+47 TO STA 2084+00 NB
 2074+00
 EFFECT FENCE PRIOR TO COMMENCEMENT
 OF CONSTRUCTION IN THIS AREA.

195 B 2074+66-2079+62 S&L
 DONALD M. B. ALBERTINE & WILLARD
 55A LA 35A
 NONE
 Copy O 9-30-63
 SPRINGFIELD Vol 5 Ps 333 10-2-63

* CEDAR LOG GUARD RAIL, ITEM 552
 NORTHBOUND REST AREA
 2075+57 - 2077+00 LT V
 2075+67 - 2077+00 RT V
 SOUTHBOUND REST AREA
 2079+53 - 2082+51 LT V
 2079+53 - 2082+51 RT V

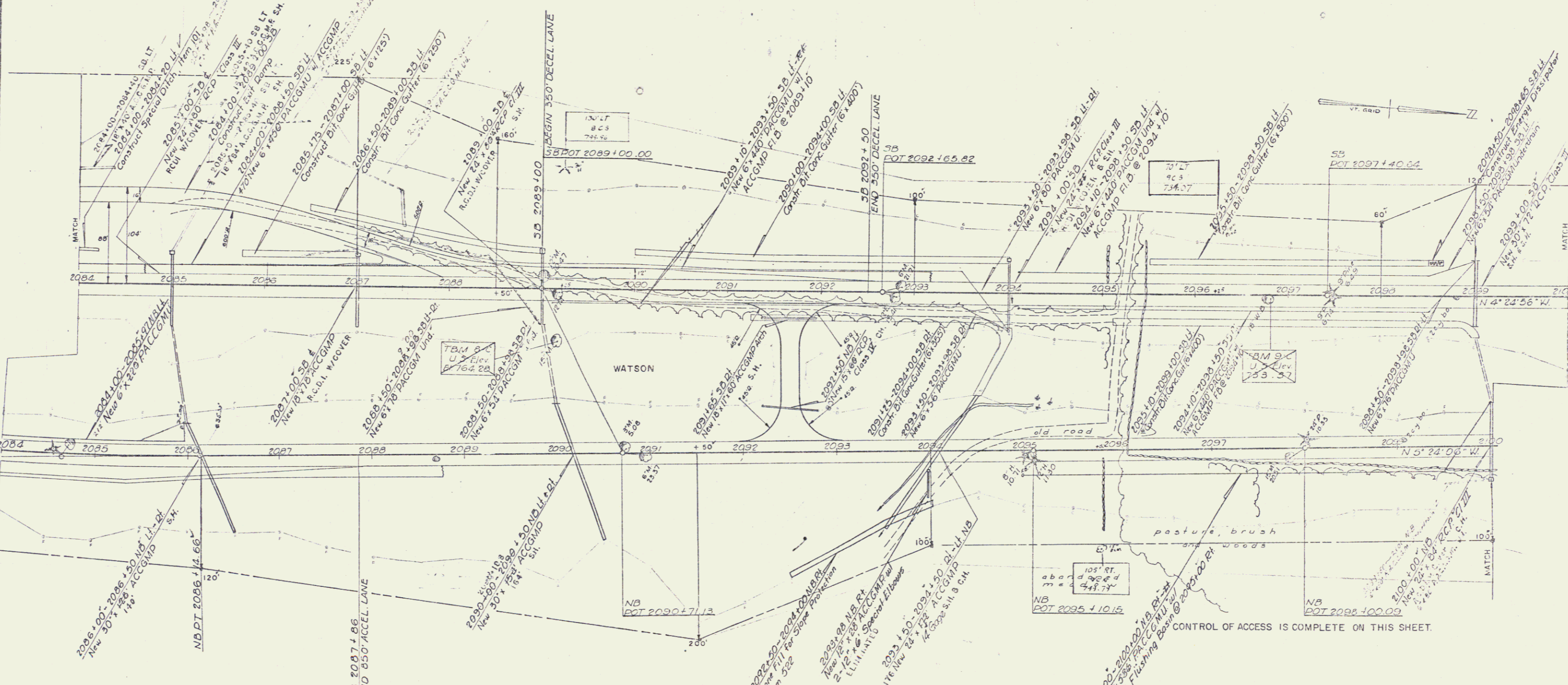
CONTROL OF ACCESS - COMPLETE ON THIS SHEET

POOR ORIGINAL COPY THESE ITEMS ARE STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION
 SPRINGFIELD
 Project 1011-200-261
 Sheet 32 of 307

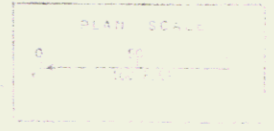
* GRANITE SLOPE EDGING, ITEM 556-A
 SB STA. 2086+75 TO STA 2087+55 LT. /
 PROPERTY LINE FENCE WITH STEEL POSTS
 ITEM 583-B,
 STA. 2084+00 TO STA. 2100+00 SB
 2084+00 TO STA. 2100+00 NB
 ERECT FENCE PRIOR TO COMMENCEMENT
 OF CONSTRUCTION IN THE AREA.
 * THREE CABLE GUARD RAIL WITH STEEL POSTS
 ITEM 543
 STA. 2085+00 TO STA. 2084+29 RT, NB.
 * BITUMINOUS CONCRETE CURB, ITEM 555
 STA. 2087+50 TO STA. 2093+97 RT, NB
 95
 73
 * BITUMINOUS CONCRETE GUTTER
 2088+00 S.E. LT.
 2094+00 N.E. RT.
 2089+00 S.E. LT.
 2100+00 N.B. RT.
 * CONSTRUCT "U" TURN
 STA. 2092+50 NB (2091+65 SB)
 CLEARING AND TRIMMING, ITEM 601
 STA. 2064+00 TO STA. 2100+00 SB
 * STONE FILL FOR SLOPE
 PROTECTION
 2091+30 - 2094+25 NB RT.
 2085+00 - 2090+50 SB LT.
 2094+25 - 2100+00 RT

PLAN	REVISED	DATE	BY
	APPROVED		
	CHECKED		
	DESIGNED		



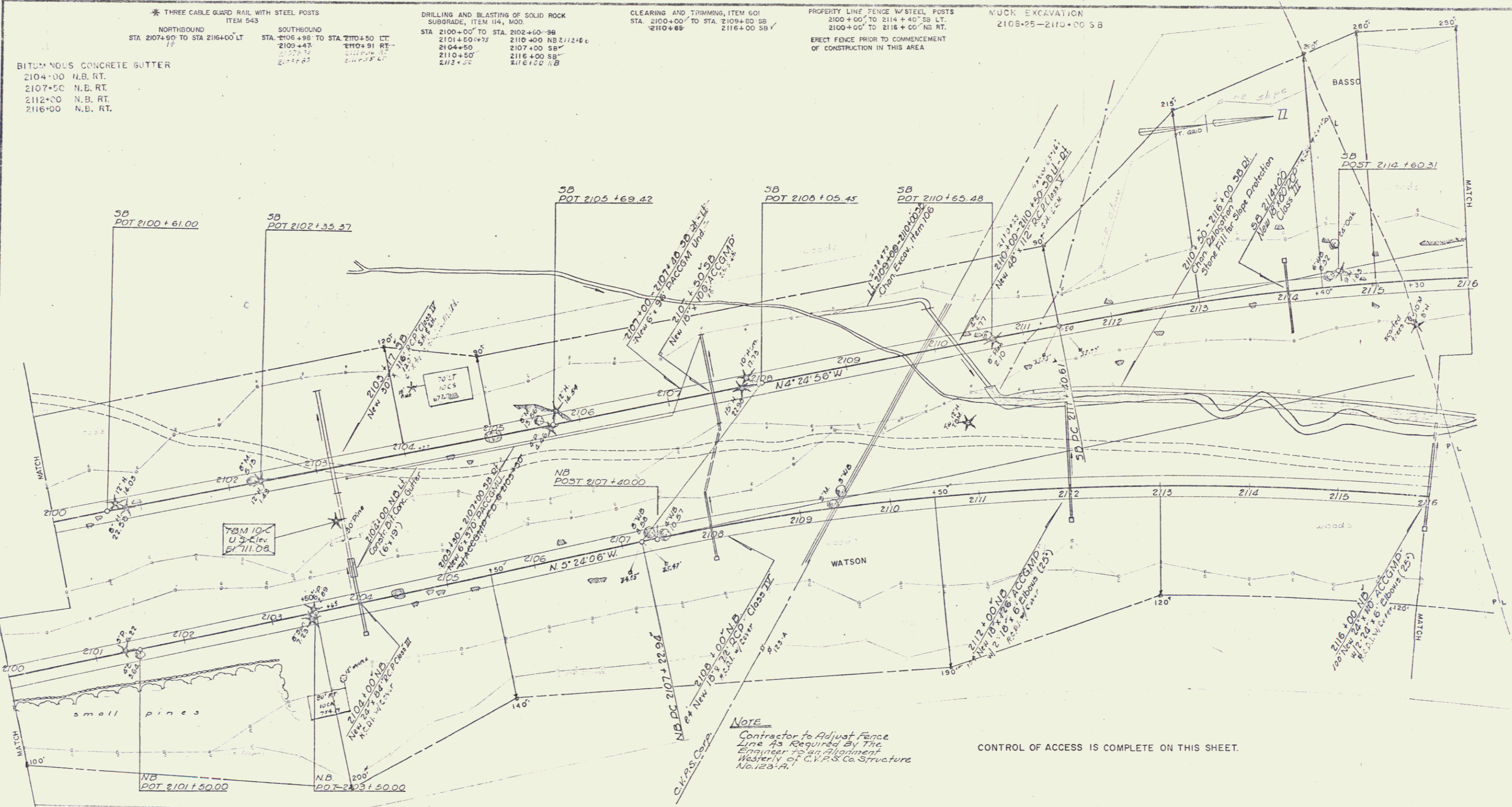
* THESE ITEMS ARE STAGE 2 CONSTRUCTION

MODEL	191 B	17 2079+45 - 217+03 NBL
DATE	FRANK E. & KATHERINE WATSON	
DRAINAGE	2086+00 DRT	2090+50 RT
	2101+20 LT	2107+50 LT
COND. O.	7-30-63	515
SPRINGFIELD VOL. 5	303	10-2-63



STAGE 2 CONSTRUCTION
 SPRINGFIELD
 Proj. 191-1-128
 Sheet 59 of 357

PLAN	DESIGNED	BY	DATE
	APPROVED	DATE	
	CHECKED	DATE	
	REVISION	DATE	
	REVISION	DATE	



BITUMINOUS CONCRETE GUTTER
 2104+00 N.B. RT.
 2107+50 N.B. RT.
 2112+00 N.B. RT.
 2116+00 N.B. RT.

* THREE CABLE GUARD RAIL WITH STEEL POSTS
 ITEM 543
 NORTHBOUND STA 2107+90 TO STA 2116+00 LT
 SOUTHBOUND STA 2108+98 TO STA 2110+50 LT
 STA 2103+47 TO STA 2110+91 RT
 STA 2100+00 TO STA 2102+50 SB
 2101+50+75 2107+00 SB
 2104+50 2107+00 SB
 2110+50 2116+00 SB
 2112+50 2116+00 SB

DRILLING AND BLASTING OF SOLID ROCK
 SUBGRADE, ITEM 114, MOD.
 STA 2100+00 TO STA 2102+50 SB
 2101+50+75 2107+00 SB
 2104+50 2107+00 SB
 2110+50 2116+00 SB
 2112+50 2116+00 SB

CLEARING AND TRIMMING, ITEM 601
 STA 2100+00 TO STA 2109+80 SB
 2110+85 2116+00 SB

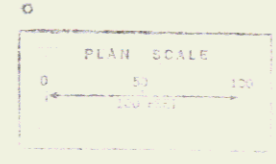
PROPERTY LINE FENCE W/ STEEL POSTS
 2100+00 TO 2114+40 SB LT.
 2100+00 TO 2116+00 NB RT.
 ERECT FENCE PRIOR TO COMMENCEMENT
 OF CONSTRUCTION IN THIS AREA

MUCK EXCAVATION
 2108+25-2110+00 SB

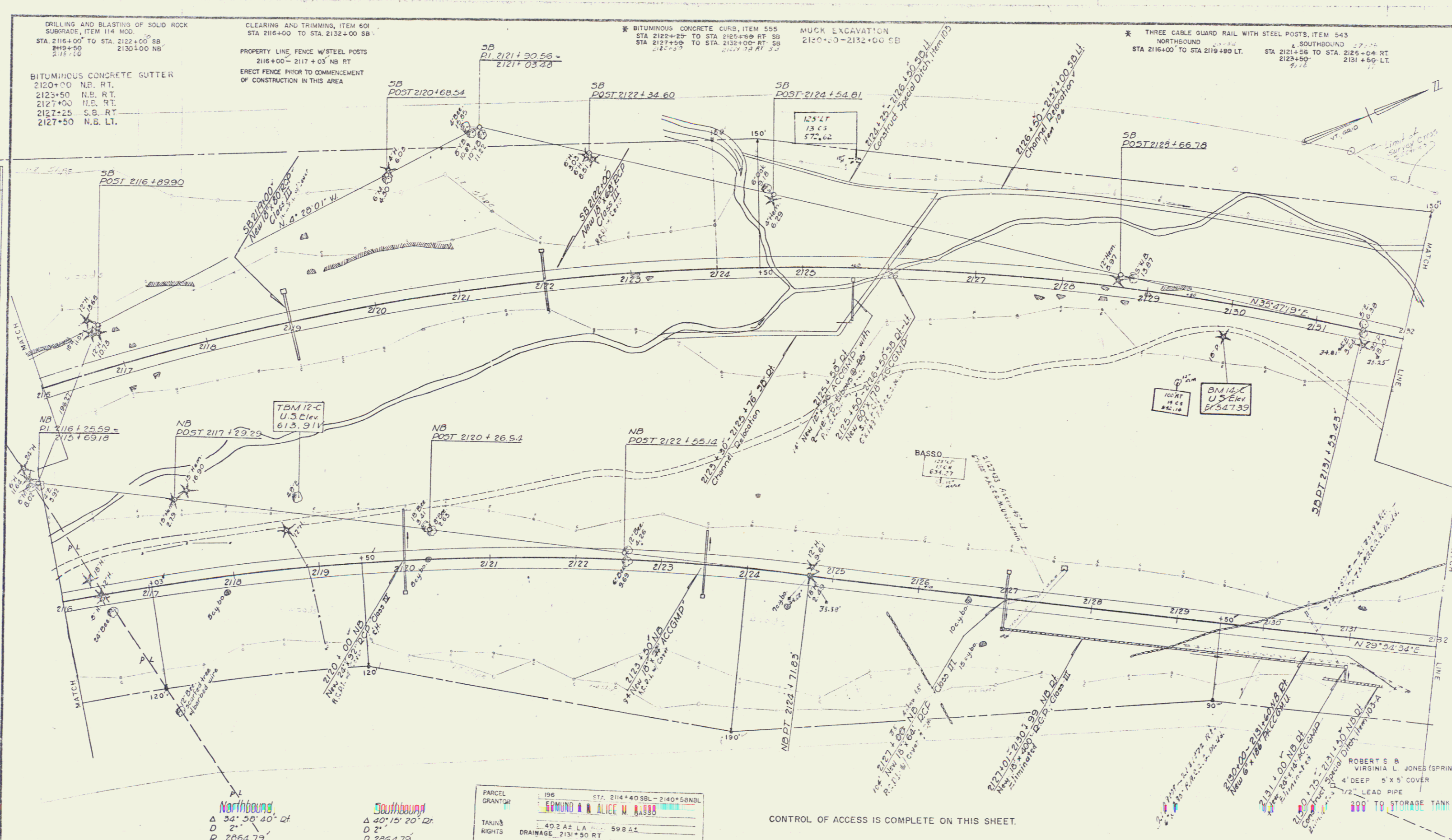
NOTE
 Contractor to Adjust Fence
 Line As Required By The
 Engineer To an Alignment
 Westerly of C.V.P.S. Co. Structure
 No. 123-A.

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* THESE ITEMS ARE STAGE 2 CONSTRUCTION



STAGE 2 CONSTRUCTION
 SPRINGFIELD
 Proj 191-10 (1999)
 Sheet 41 of 557



PLAN	REVISED	BY	DATE
	1	J. BASSO	11/12/63
	2	J. BASSO	11/12/63
	3	J. BASSO	11/12/63
	4	J. BASSO	11/12/63
	5	J. BASSO	11/12/63
	6	J. BASSO	11/12/63
	7	J. BASSO	11/12/63
	8	J. BASSO	11/12/63
	9	J. BASSO	11/12/63
	10	J. BASSO	11/12/63

Northbound
 Δ 31° 58' 20" Dr.
 D 2'
 R 2864.79'
 T 902.65'
 L 1748.69'
 E 138.84'
 bank 1/2" per foot

Southbound
 Δ 40° 15' 20" Dr.
 D 2'
 R 2864.79'
 T 1049.95'
 L 2012.82'
 E 186.34'
 bank 1/2" per foot

PARCEL GRANTOR	196	STA. 2114+40 SBL - 2140+58 NBL
TAKING RIGHTS	EDMUND & ALICE W. BASSO	
DRAINAGE	40.2 AC LA 598.42	
TITLE TAKEN	WD-10-30-63	
RECORDED	SPRINGFIELD 5	929 OCT. 11-12-63

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* THESE ITEMS ARE STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION

PLAN SCALE
 0 50 100
 1" = 50'

SPRINGFIELD
 I 91-1 (136)
 Sheet 43 of 357

PLAN	REV	BY	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

CLEARING AND TRIMMING, ITEM 601
STA. 2132+00 TO STA. 2148+00 SB

PARCEL	197 A, B	STA. 2137+75 SB - 2470+20 NB
TOWN OF	SPRINGFIELD	
TAXING RIGHTS	0.7 AC LA REM.	
TITLE TAKEN	COND. O. 9-30-63	
RECORDED	SPRINGFIELD Vol. 5 P. 378	

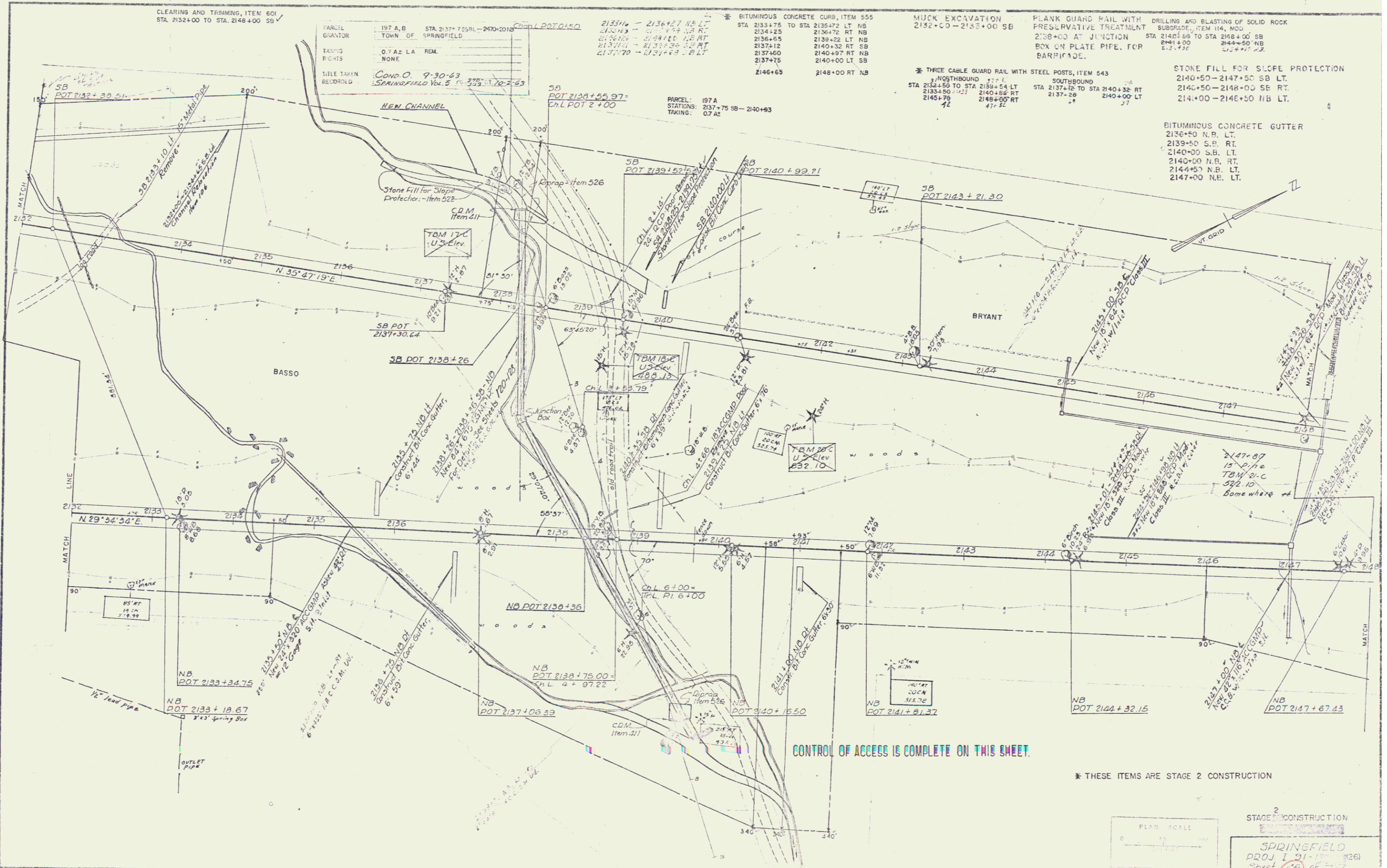
STATION	2133+75	2134+25	2136+65	2137+12	2137+40	2137+75	2146+65
TYPE	LT NB	RT NB	LT NB	RT SB	RT NB	LT SB	LT NB

MUCK EXCAVATION
2152+00 - 2156+00 SB

PLANK GUARD RAIL WITH PRESERVATIVE TREATMENT
2158+00 AT JUNCTION
BOX ON PLATE PIPE FOR BARRIAD.

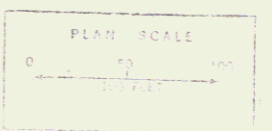
STONE FILL FOR SLOPE PROTECTION
2140+50 - 2147+50 SB LT.
2140+50 - 2148+00 SB RT.
2140+00 - 2146+50 NB LT.

BITUMINOUS CONCRETE GUTTER
2136+50 N.B. LT.
2139+50 S.B. RT.
2140+00 S.B. LT.
2140+00 N.B. RT.
2144+50 N.B. LT.
2147+00 N.B. LT.



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* THESE ITEMS ARE STAGE 2 CONSTRUCTION



2
STAGE 2 CONSTRUCTION
SPRINGFIELD
PROJ. 91-11 (226)
Sheet 45 of 50
GRAVEL BROOK

PLAN
 DATE
 DRAWN BY
 CHECKED BY
 DATE
 NO.
 SCALE

DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, ITEM 114, MOD. STA 2148+00 TO STA 2162+50 SB 2155+00' 2164+50 NB 6+00'

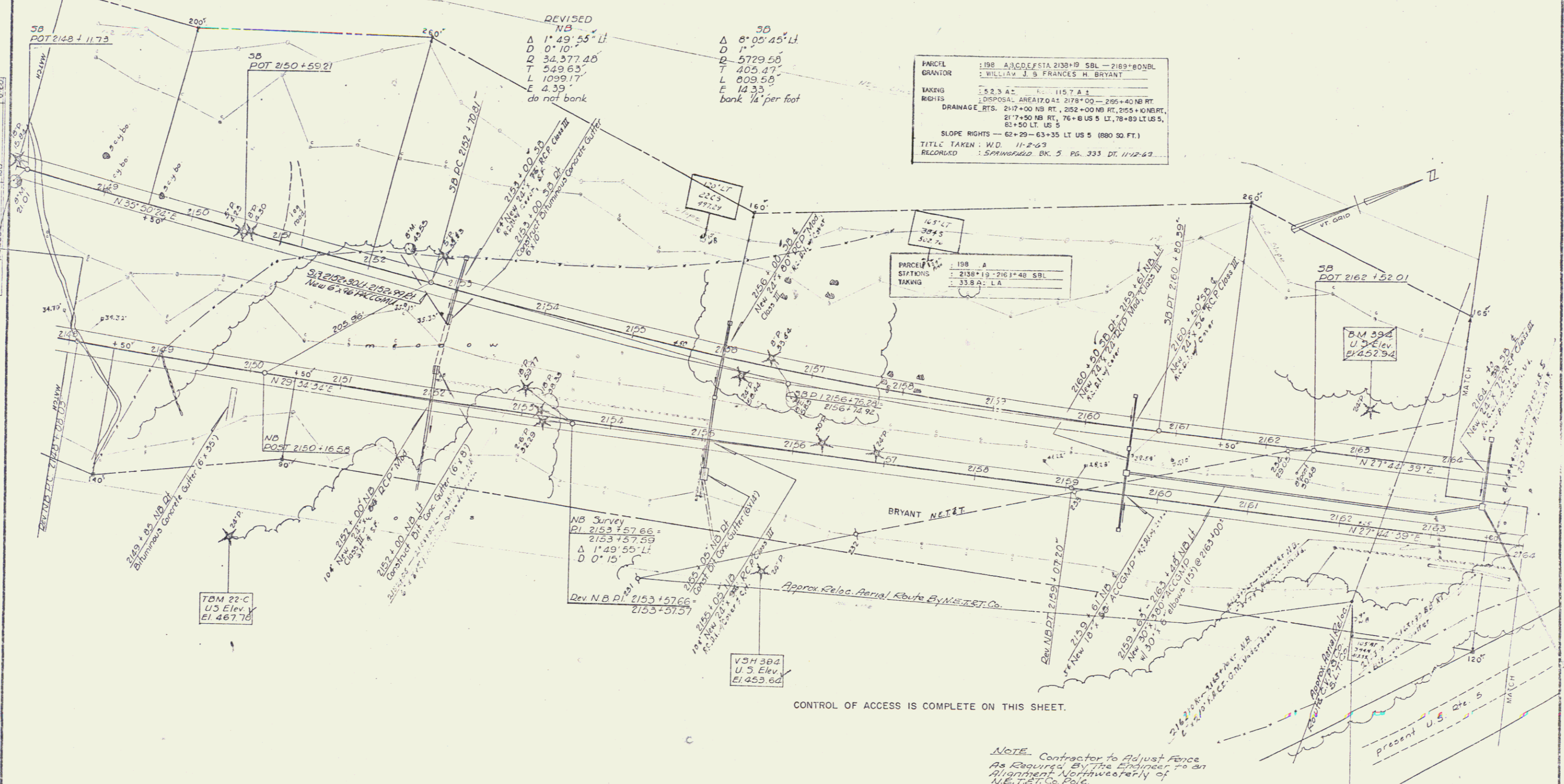
CLEARING AND TRIMMING, ITEM 501 STA 2144+00 TO STA 2154+00 SB*

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543 NORTHBOUND STA 2148+00 TO STA 2149+76 RT 2163+34 2164+00 RT LT 2148+76 2149+76

BITUMINOUS CONCRETE CUTTER STA 2149+50 N.B. RT 2153+50 S.B. RT 2159+50 N.E. RT 2159+50 N.W. LT 2163+50 N.B. MET. 2164+00 S.B. LT.

BITUMINOUS CONCRETE CURB, ITEM 558 STA. 2163+34 TO 2164+00 RT NB 2148+00'

PROPERTY LINE FENCE WITH STEEL POSTS 2155+50 - 2164+00 NP RT 2161+50 - 2164+00 SB LT



REVISED NB
 $\Delta 1^\circ 29' 55''$ LT
 $D 0^\circ 10'$
 $Q 34,377.40'$
 $T 549.63'$
 $L 1099.17'$
 $E 4.39'$
 do not bank

SB
 $\Delta 8^\circ 05' 45''$ LT
 $D 1'$
 $Q 5729.50'$
 $T 405.47'$
 $L 809.50'$
 $E 14.35'$
 bank 1/4" per foot

PARCEL 198 A, C, D, E, F, STA 2138+19 SBL - 2169+80 NBL
 GRANTEE WILLIAM J. & FRANCES H. BRYANT

TAKING 35.23 A.C. No. 1157 A.1

RIGHTS DISPOSAL AREA 170 A.L. 2178+00 - 295+40 NB RT
 DRAINAGE RTS. 217+00 NB RT, 252+00 NB RT, 255+00 NB RT,
 217+50 NB RT, 76+00 S LT, 78+00 S LT, 81+50 LT, US 5

SLOPE RIGHTS - 62+29 - 63+35 LT US 5 (880 SQ. FT.)

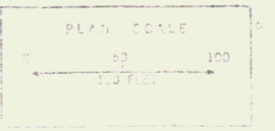
TITLE TAKEN: W.D. 11-2-43
 RECORDED: SPRINGFIELD, BK. 5 PG. 333 DT. 11-2-43

NB Survey
 PI 2153+57.66
 2153+57.59
 $\Delta 1^\circ 49' 55''$ LT
 $D 0^\circ 15'$
 Rev N.B. PI. 2153+57.66
 2153+57.59

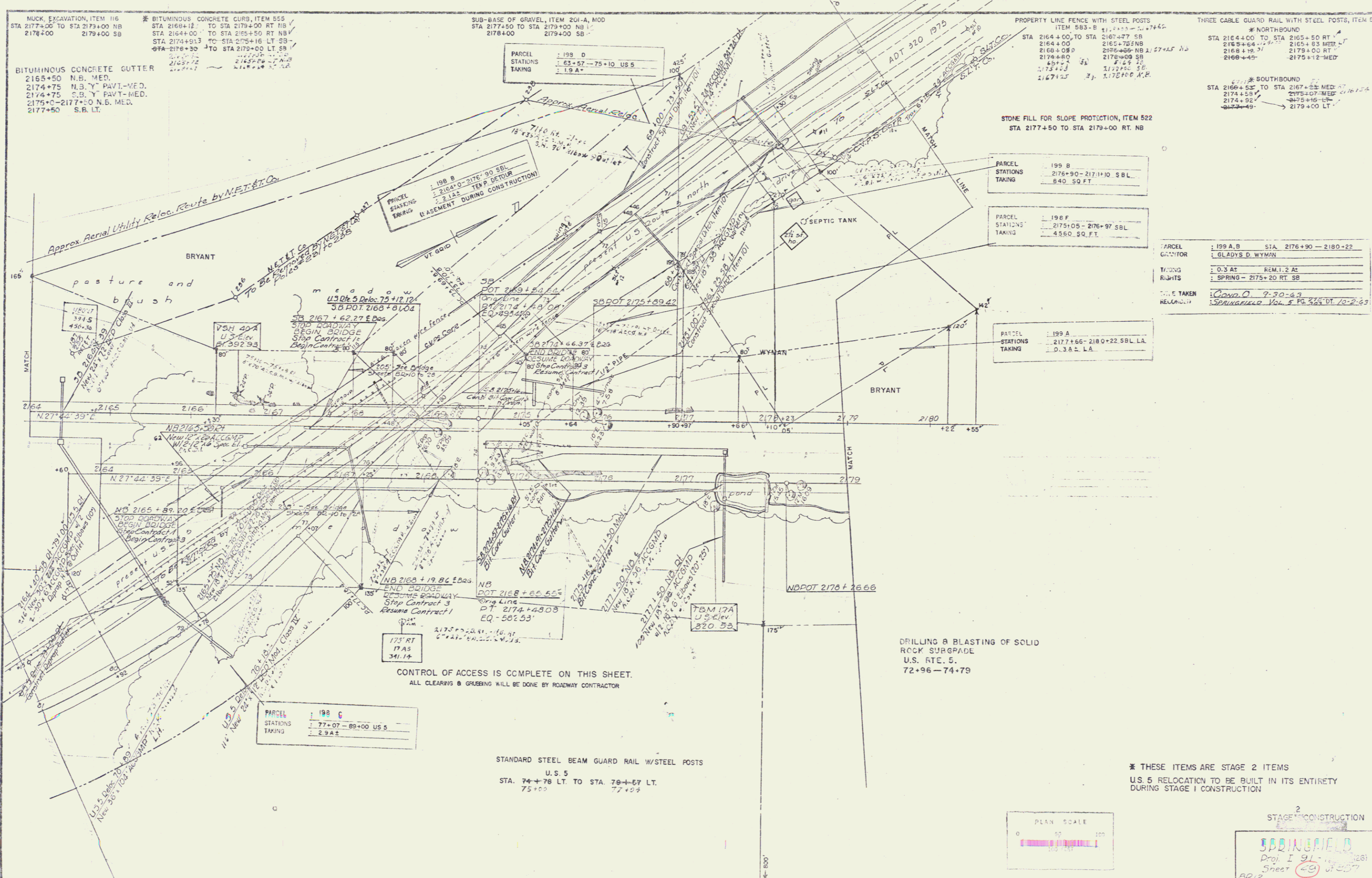
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

NOTE: Contractor to Adjust Fence As Required By The Engineer To an Alignment Northwest of N.E.T. Co. Pole.

* THESE ITEMS ARE STAGE 2 CONSTRUCTION



STAGE 2 CONSTRUCTION
 SPRINGFIELD
 Proj. I-91 (123)
 Sheet 47 of 307



MUCK, EXCAVATION, ITEM 116
 STA 2174+00 TO STA 2179+00 NB
 2174+00 2179+00 SB

BITUMINOUS CONCRETE CURB, ITEM 555
 STA 2166+12 TO STA 2174+00 RT NB
 STA 2164+00 TO STA 2165+50 RT NB
 STA 2174+91.3 TO STA 2175+16 LT SB
 STA 2178+30 TO STA 2179+00 LT SB

SUB-BASE OF GRAVEL, ITEM 201-A, MOD
 STA 2177+50 TO STA 2179+00 NB
 2174+00 2179+00 SB

PROPERTY LINE FENCE WITH STEEL POSTS
 ITEM 583-B
 STA 2164+00 TO STA 2167+77 SB
 2164+00 2165+70 NB
 2168+08.9 2170+00 SB
 2173+53 2175+50 SB
 2167+57 2170+00 A.C.R.

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
 NORTHBOUND
 STA 2164+00 TO STA 2165+50 RT
 2165+64 2165+83 MED
 2168+19.71 2179+00 RT
 2168+45 2175+12 MED

BITUMINOUS CONCRETE GUTTER
 2155+50 N.B. MED.
 2174+75 N.B. Y' PAVT.-MED.
 2174+75 S.B. Y' PAVT.-MED.
 2175+0-2177+0 N.B. MED.
 2177+50 S.B. LT.

PARCEL : 198 D
 STATIONS : 63+57 - 75+10 U.S. 5
 TAKING : 1.9 A*

STONE FILL FOR SLOPE PROTECTION, ITEM 522
 STA 2177+50 TO STA 2179+00 RT. NB

PARCEL : 199 B
 STATIONS : 2176+90 - 2177+10 S.B.L.
 TAKING : 840. SQ. FT.

PARCEL : 198 F
 STATIONS : 2175+05 - 2176+97 S.B.L.
 TAKING : 4560. SQ. FT.

PARCEL : 199 A, B STA. 2176+90 - 2180+22
 OWNER : GLADYS D. WYMAN
 TAKING : 0.3 AC. REM. 1.2 AC.
 RIGHTS : SPRING - 2175+20 RT. SB
 DATE TAKEN : COND. 9-90-69
 RELATION : SPRINGFIELD Vol. 5 P. 265 DT. 10-2-69

PARCEL : 199 A
 STATIONS : 2177+66 - 2180+22 S.B.L. LA.
 TAKING : 0.3 A.S. LA.

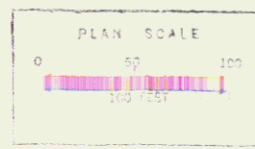
PLAN
 REVISIONS
 DATE
 BY
 CHECKED
 NO. OF SHEETS
 NO. OF PARCELS
 NO. OF STATIONS
 NO. OF POINTS

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.
 ALL CLEARING & GRUBBING WILL BE DONE BY ROADWAY CONTRACTOR

DRILLING & BLASTING OF SOLID
 ROCK SUBGRADE
 U.S. RTE. 5.
 72+96 - 74+79

STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS
 U.S. 5
 STA. 74+78 LT. TO STA. 76+67 LT.
 75+00 77+00

* THESE ITEMS ARE STAGE 2 ITEMS
 U.S. 5 RELOCATION TO BE BUILT IN ITS ENTIRETY
 DURING STAGE 1 CONSTRUCTION



STAGE 2 CONSTRUCTION
 SPRINGFIELD
 Proj. I 91-1-10-268
 Sheet 29 of 27
 8/2/69

PLAN	REVISED	DATE
NOTE BOOK	BY	8-1-60
NO.	Martin	31-F
	Kurzman	
	DATE CHECKED	7-10-60
	BY	
	SCALE	1"=50'

BITUMINOUS CONCRETE SURFACE FOR
GUTTERS & TRAFFIC ISLANDS
69+40-69+66 LT
75+14-76+00 LT
75+25-76+40 LT
76+00-76+80 RT
73+40-74+40 LT
79+00-79+73 RT

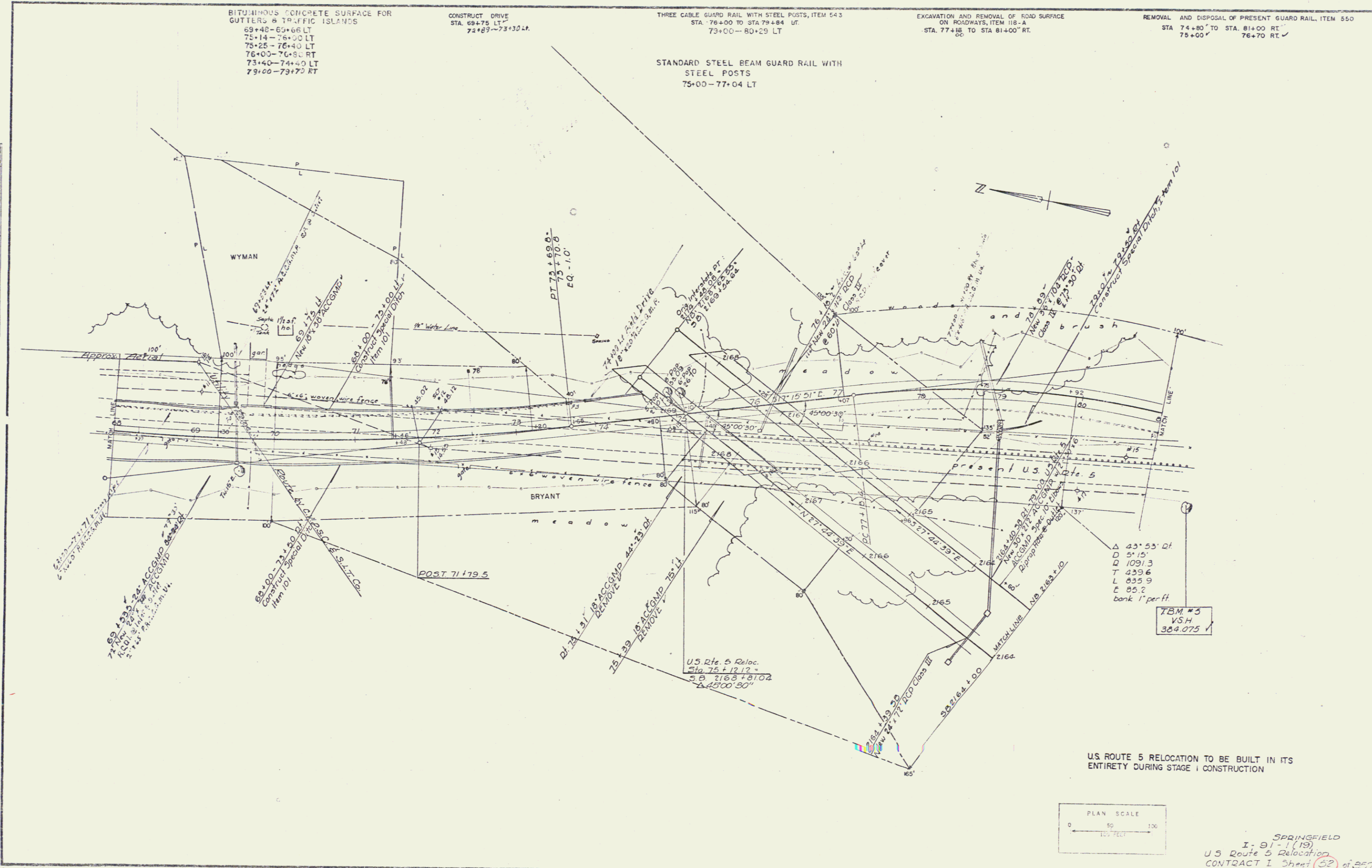
CONSTRUCT DRIVE
STA. 69+75 LT
73+89-73+30 LT

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
STA. 76+00 TO STA 79+84 LT
73+00-80+29 LT

EXCAVATION AND REMOVAL OF ROAD SURFACE
ON ROADWAYS, ITEM 118-A
STA. 77+18 TO STA 81+00 RT

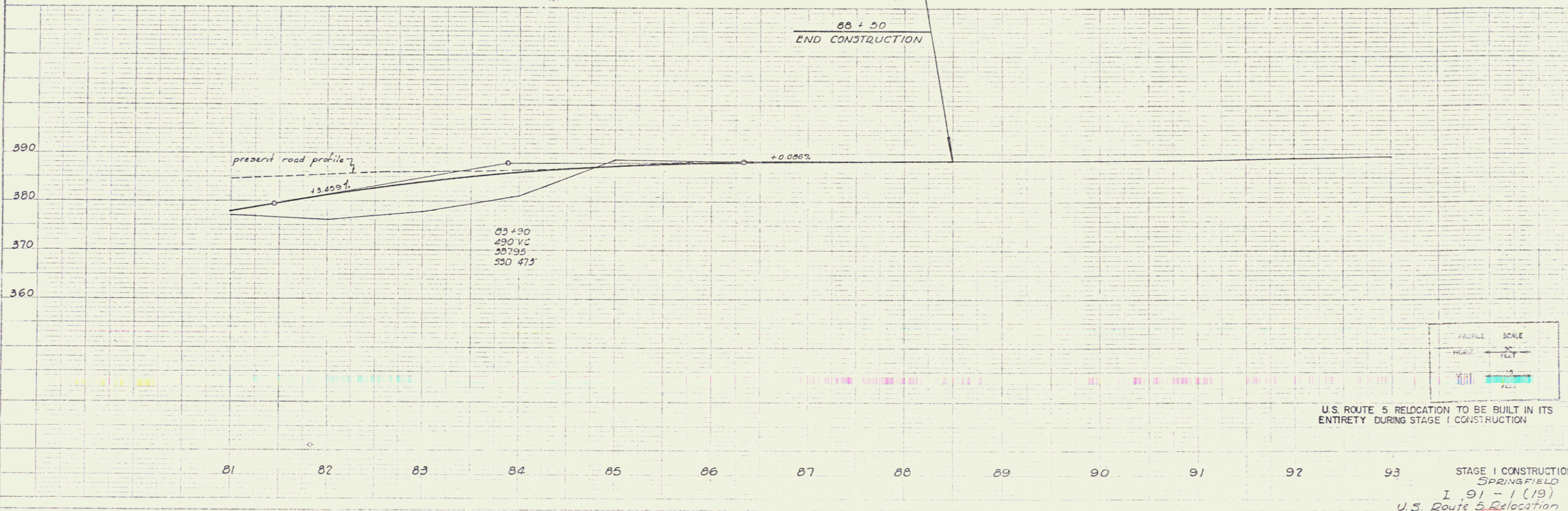
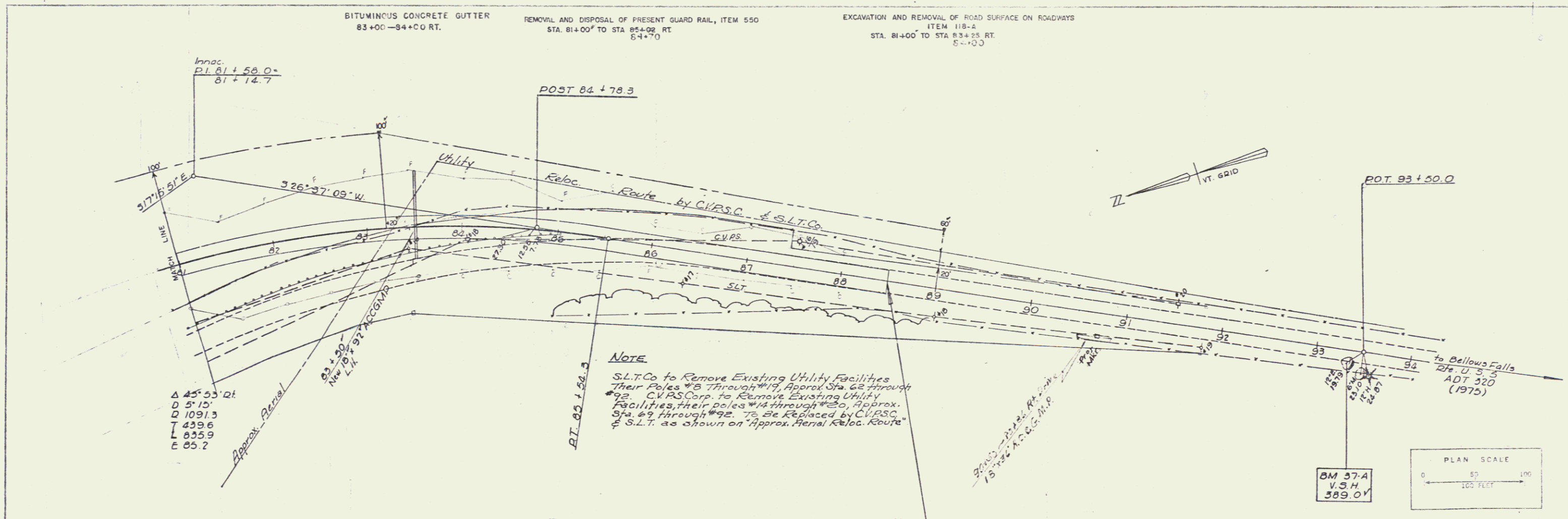
REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL, ITEM 550
STA 74+80 TO STA. 81+00 RT
75+00 " 76+70 RT ✓

STANDARD STEEL BEAM GUARD RAIL WITH
STEEL POSTS
75+00-77+04 LT



PLAN
 8-60
 Martin
 1412
 9-60

PROFILE
 8-60
 Sigfroy
 1412



* BITUMINOUS CONCRETE CURB, ITEM 555
 STA 2179+00 TO STA 2185+52 RT NB ✓
 2179+00 2184+00 LT SB ✓

MUCK EXCAVATION, ITEM 116
 STA 2179+00 TO STA 2187+00 NB
 2179+00 2187+00 SB

SUB-BASE OF GRAVEL, ITEM 201-A MOD
 STA 2179+00 TO STA 2187+00 NB ✓
 2179+00 2187+00 NB ✓

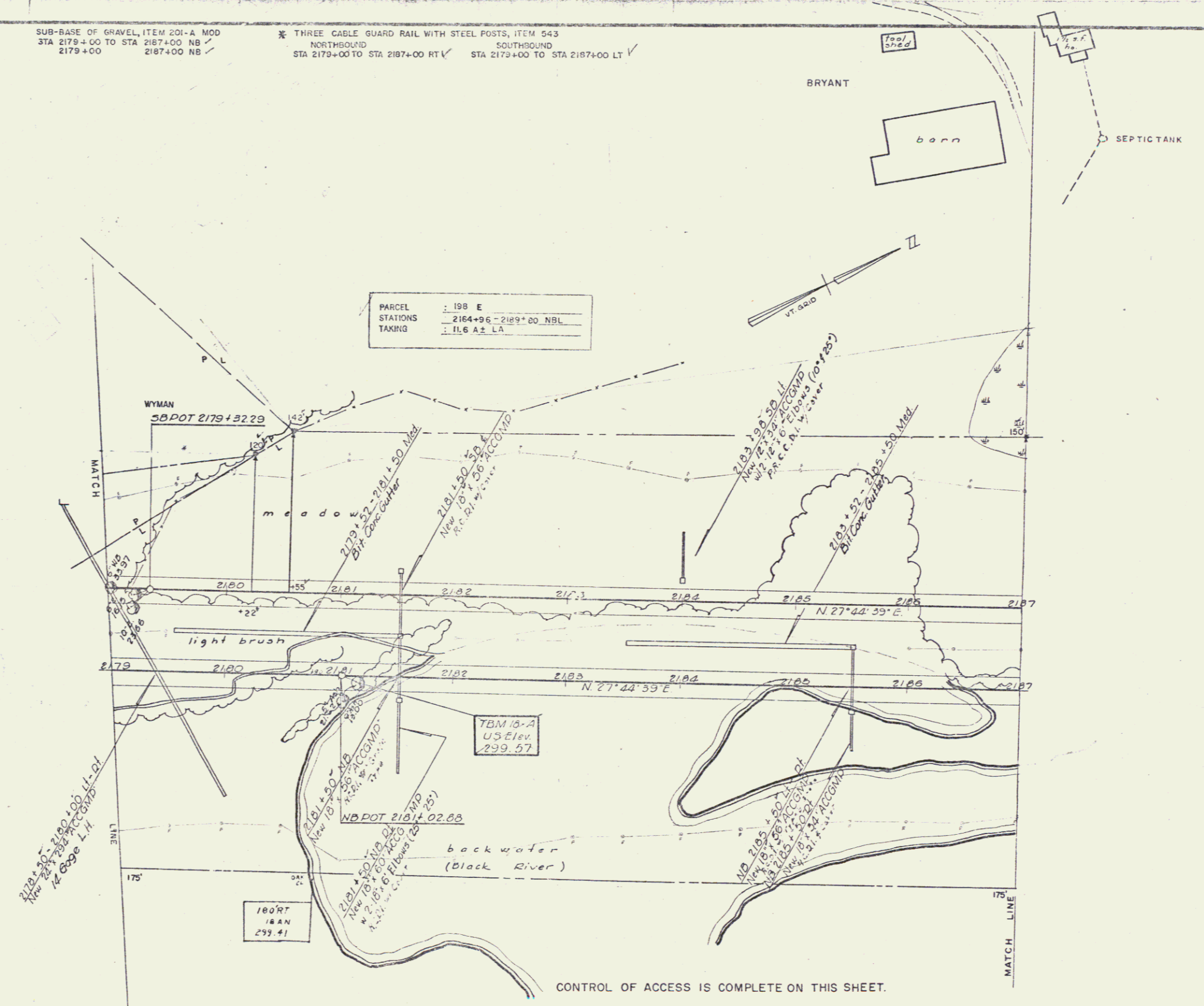
* THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
 NORTHBOUND
 STA 2179+00 TO STA 2187+00 RT ✓
 SOUTHBOUND
 STA 2179+00 TO STA 2187+00 LT ✓

STONE FILL FOR SLOPE PROTECTION, ITEM 522
 STA 2179+00 TO STA 2187+00 RT NB ✓
 2180+50 2187+00 LT SB ✓

BITUMINOUS CONCRETE GUTTER
 2180+00 N.B. I.F.D.
 2184+00 N.B. I.F.D.

PROPERTY LINE FENCE WITH
 STEEL POSTS
 2179+00—2186+22 SB

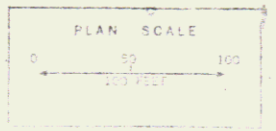
PLAN	BY	DATE
SURVEYED	REVISION	1-60
PLOTTED	S. E. E. B. C.	2-64
TRACED	P. M. J.	2-64



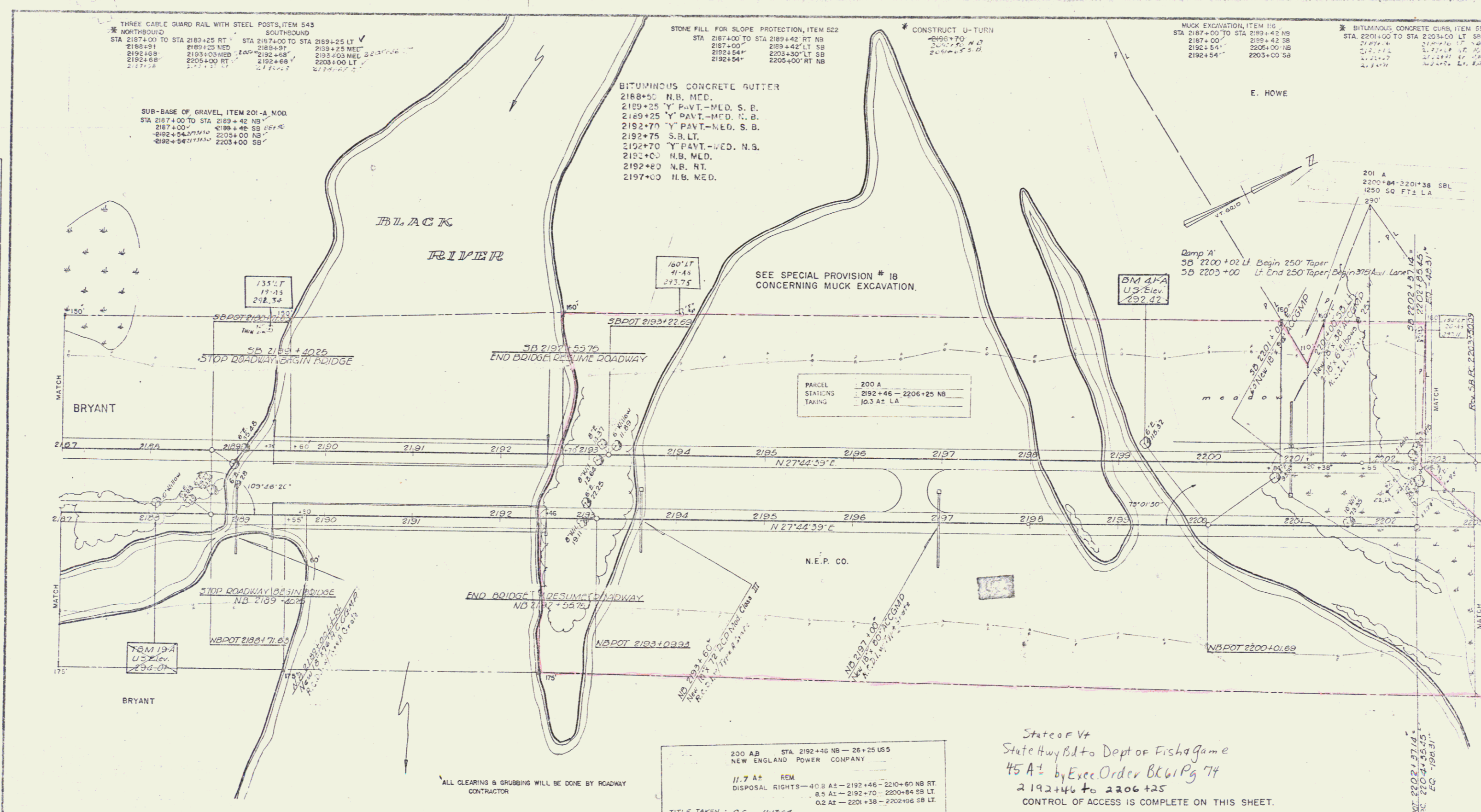
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* THESE ITEMS ARE STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION



SPRINGFIELD
 Proj. I 91-1128
 Sheet 55 of 357



PLAN
 SURVEYED
 PLOTTED
 ENGRAVED
 M.J.

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
 * NORTHBOUND
 STA 2187+00 TO STA 2189+25 RT ✓
 2188+91
 2192+68
 2192+68
 SOUTHBOUND
 STA 2187+00 TO STA 2189+25 LT ✓
 2188+91
 2192+68
 2192+68

SUB-BASE OF GRAVEL, ITEM 201-A, MOD
 STA 2187+00 TO STA 2189+42 NB
 2187+00
 2192+54
 2192+54

STONE FILL FOR SLOPE PROTECTION, ITEM 522
 STA 2187+00 TO STA 2189+42 RT NB
 2187+00
 2192+54
 2192+54

BITUMINOUS CONCRETE GUTTER
 2188+00 N.B. MED.
 2189+25 "Y" PAVT.-MED. S. B.
 2189+25 "Y" PAVT.-MED. N. B.
 2192+70 "Y" PAVT.-MED. S. B.
 2192+75 S.B. LT.
 2192+70 "Y" PAVT.-MED. N. B.
 2192+00 N.B. MED.
 2192+80 N.B. RT.
 2197+00 N.B. MED.

* CONSTRUCT U-TURN
 2192+00
 2192+54

MUCK EXCAVATION, ITEM 118
 STA 2187+00 TO STA 2189+42 NB
 2187+00
 2192+54
 2192+54

* BITUMINOUS CONCRETE CURB, ITEM 551
 STA 2201+00 TO STA 2203+00 LT SB
 2201+00
 2202+50
 2203+00

SEE SPECIAL PROVISION # 18
 CONCERNING MUCK EXCAVATION.

PARCEL 200 A
 STATIONS 2192+46 - 2206+25 NB
 TAKING 10.3 AC. LA.

200 AB STA 2192+46 NB - 26+25 US 5
 NEW ENGLAND POWER COMPANY
 11.7 A± REM
 DISPOSAL RIGHTS - 4.0 B A± - 2192+46 - 2210+60 NB RT.
 8.5 A± - 2192+70 - 2200+84 SB LT.
 0.2 A± - 2201+38 - 2202+96 SB LT.
 TITLE TAKEN: Q.C. 11-17-64
 RECORDED: SPRINGFIELD, Vt., S. Pg. 394, DT. 1-18-65

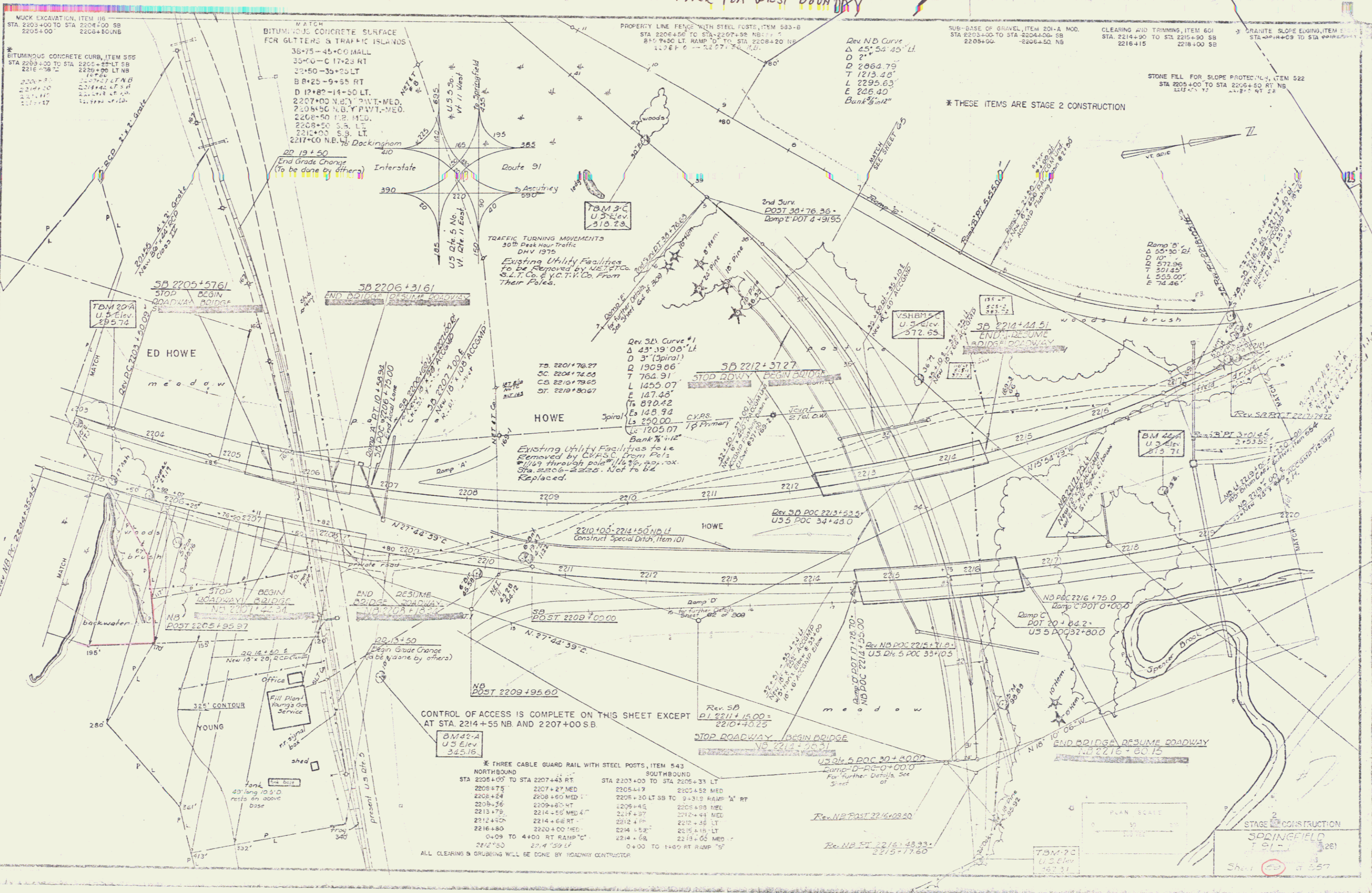
State of Vt
 State Hwy Bd to Dept of Fish & Game
 45 A± by Exec Order B.C. 61 Pg 74
 2192+46 to 2206+25
 CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* THESE ITEMS ARE STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION
 SPRINGFIELD
 Proj 131-1-1-65
 Sheet 37 of 57

SEE NEXT PAGE FOR WEST BOUNDARY

PLAN	BY
SURVEYED	Barabara
PLOTTED	Fisher
TRACED	W.L.
DATE	11/20/60



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET EXCEPT AT STA. 2214+55 NB AND 2207+00 SB.

* THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543

NORTHBOUND		SOUTHBOUND	
STA 2205+00 TO STA 2207+43 RT	STA 2203+00 TO STA 2205+33 LT	2205+47	2205+52 MED
2208+75	2207+27 MED	2205+30 LT SB TO 3+31.2 RAMP 'A' RT	2205+49 MED
2208+24	2208+60 MED	2205+43	2205+49 MED
2208+56	2209+60 RT	2205+44	2205+44 MED
2213+79	2214+65 MED 4"	2212+47	2212+47 LT
2212+50	2214+68 RT	2214+52	2215+19 LT
2216+80	2220+00 MED	2214+68	2218+05 MED
0+09 TO 4+00 RT RAMP 'C'	2212+50	0+00 TO 1+05 RT RAMP 'S'	

ALL CLEARING & GRUBBING WILL BE DONE BY ROADWAY CONTRACTOR

PLAN	BY	DATE
SURVEYED	PENNIMAN	85
ADJUSTED	FROST	86
TRACED	W. L. OTHERS	88

* BITUMINOUS CONCRETE CURB, ITEM 555
STA 2220+00 TO STA 2222+50

CLEARING AND TRIMMING, ITEM 601
STA 2219+00 TO STA 2220+00 S.B.

* THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
NORTHBOUND
STA 2220+00 TO STA 2221+68 LT
SOUTHBOUND
STA 2219+00 TO STA 2220+00 M.L.

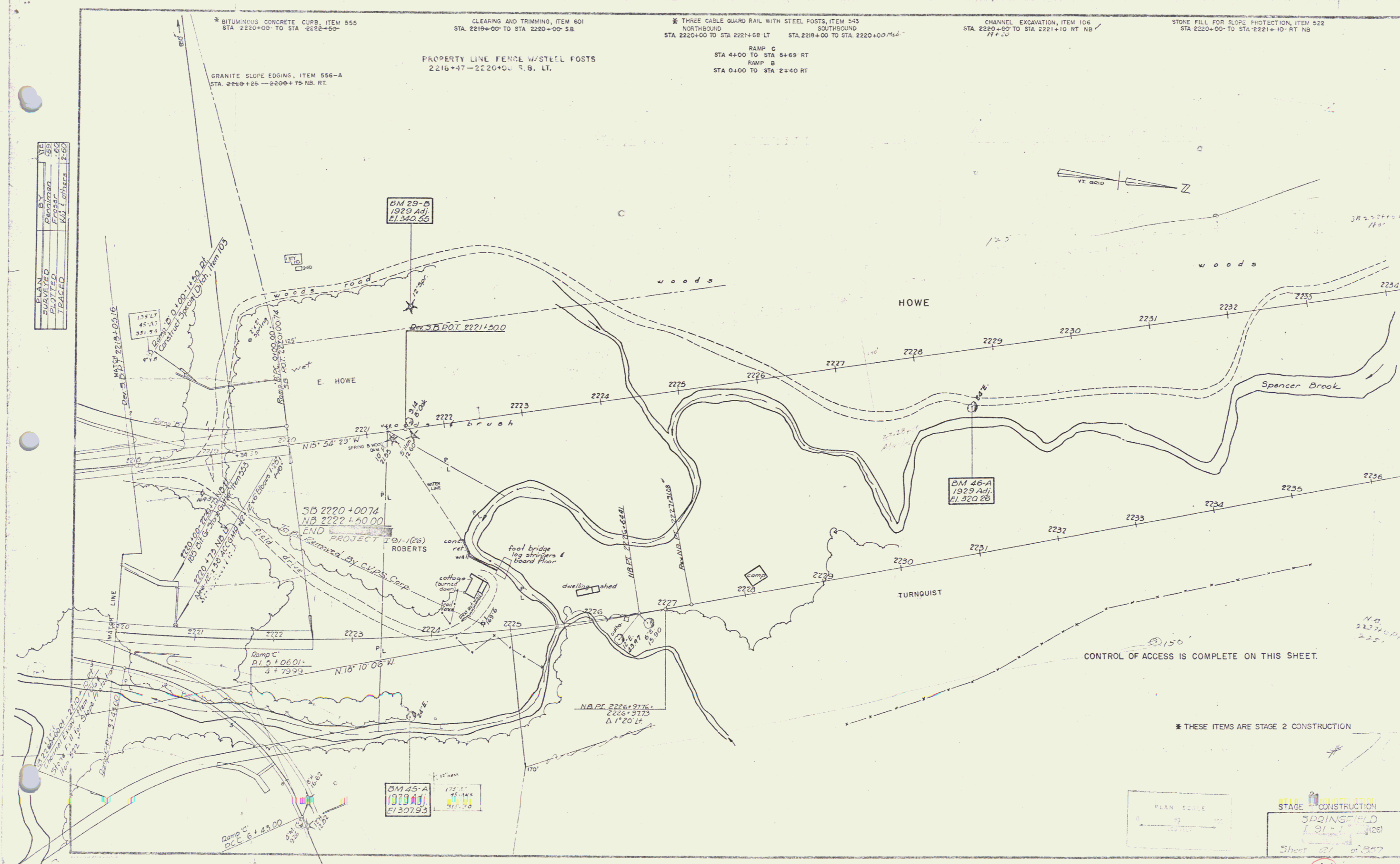
CHANNEL EXCAVATION, ITEM 106
STA 2220+00 TO STA 2221+10 RT NB
M.P. 5.0

STONE FILL FOR SLOPE PROTECTION, ITEM 522
STA 2220+00 TO STA 2221+10 RT NB

GRANITE SLOPE EDGINGS, ITEM 556-A
STA 2220+25 TO 2220+75 NB RT.

PROPERTY LINE FENCE W/STEEL POSTS
2216+47-2220+00 S.B. LT.

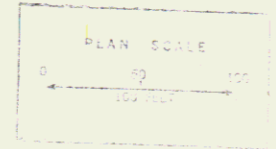
RAMP C
TO STA 5+69 RT
RAMP B
STA 0+00 TO STA 2+40 RT



BM 29-B
1929 Adj.
Elev 340.55

BM 46-A
1929 Adj.
Elev 320.25

BM 45-A
1929 Adj.
Elev 307.93



STAGE 2 CONSTRUCTION
SPRINGFIELD
I 91-1 (126)
Sheet 24 of 357

Sheet 61

GRANITE SLOPE EDGING, ITEM 556-A
 STA 25+25 TO STA 25+27 LT - US 5-B V.T. 11-
 CHANNEL EXCAVATION, ITEM 106
 STA 25+25 TO STA 25+65 RT V

STONE FILL FOR SLOPE PROTECTION, ITEM 522
 STA 25+25 TO STA 25+65 RT

BITUMINOUS CONCRETE SURFACE FOR
 GUTTERS & TRAFFIC ISLANDS
 35+00-17+28 RT.
 D 12+82-14+50 LT.
 D 2+50 RT.
 D 4+00 RT.
 D 6+50 RT.
 D 7+25-14+50 RT.
 D 7+25 RT.
 C 14+25
 C 6+00 RT.

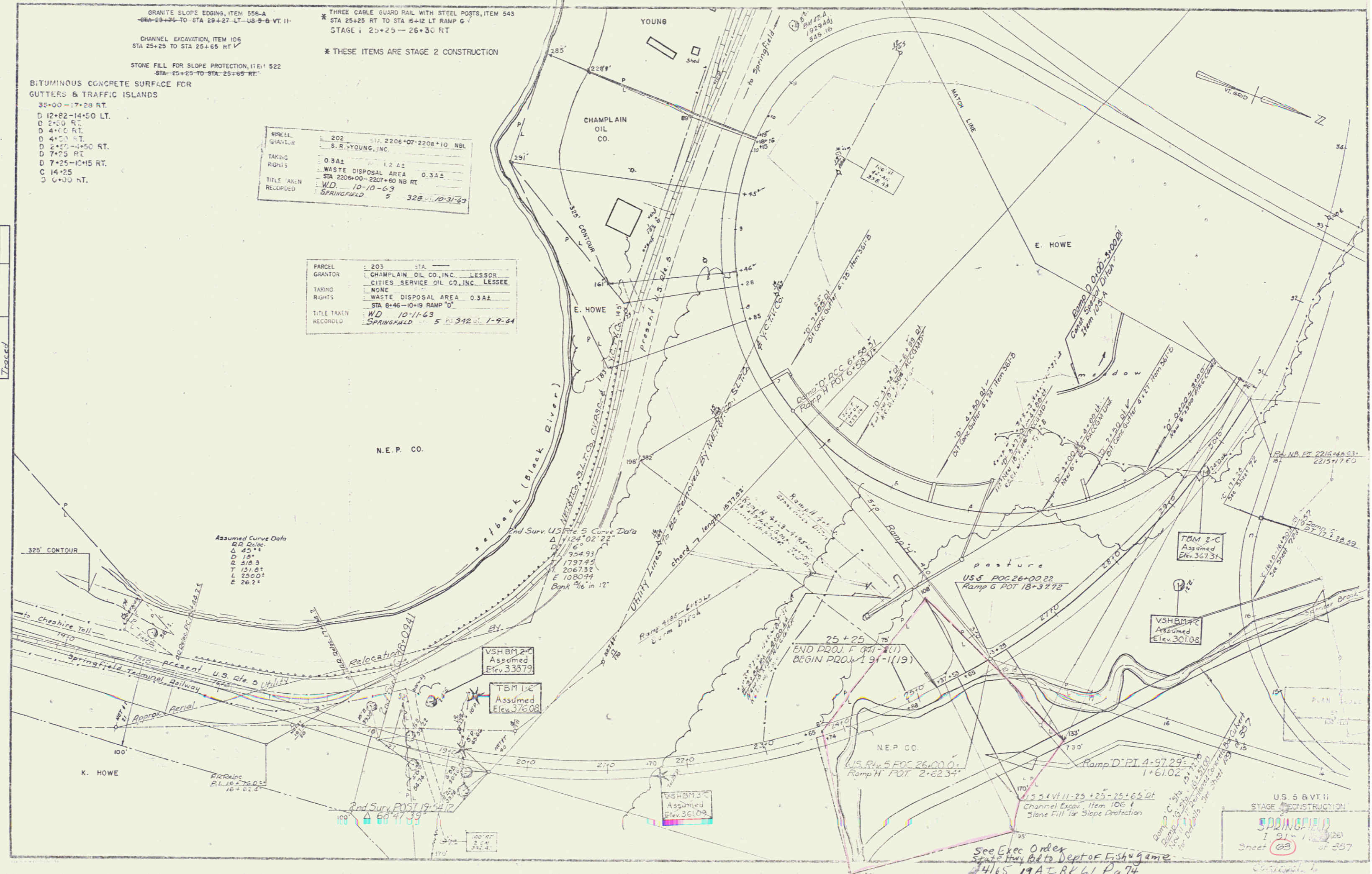
THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
 STA 25+25 RT TO STA 15+12 LT RAMP C /
 STAGE 1 25+25 - 26+30 RT

THESE ITEMS ARE STAGE 2 CONSTRUCTION

PLAN	BY	DATE
Surveyed	D. Brown	7-24-61
Plotted		
Traced		

PARCEL	202	STA.	2206+07-2208+10	NBL
GRANTOR	S. R. YOUNG, INC.			
TAKING RIGHTS	0.3 A2			
TITLE TAKEN RECORDED	SPRINGFIELD 5 328 10-31-29			

PARCEL	203	STA.	
GRANTOR	CHAMPLAIN OIL CO., INC. LESSOR		
TAKING RIGHTS	CITIES SERVICE OIL CO., INC. LESSEE		
TITLE TAKEN RECORDED	SPRINGFIELD 5 328 10-31-29		



Assumed Curve Data
 RQ Data:
 Δ 25+1
 D 15°
 R 310.3
 T 121.0 ft
 L 250.0 ft
 E 26.2 ft

VSHBM 2-C
 Assumed
 Elev. 337.31

TBM 1-C
 Assumed
 Elev. 376.08

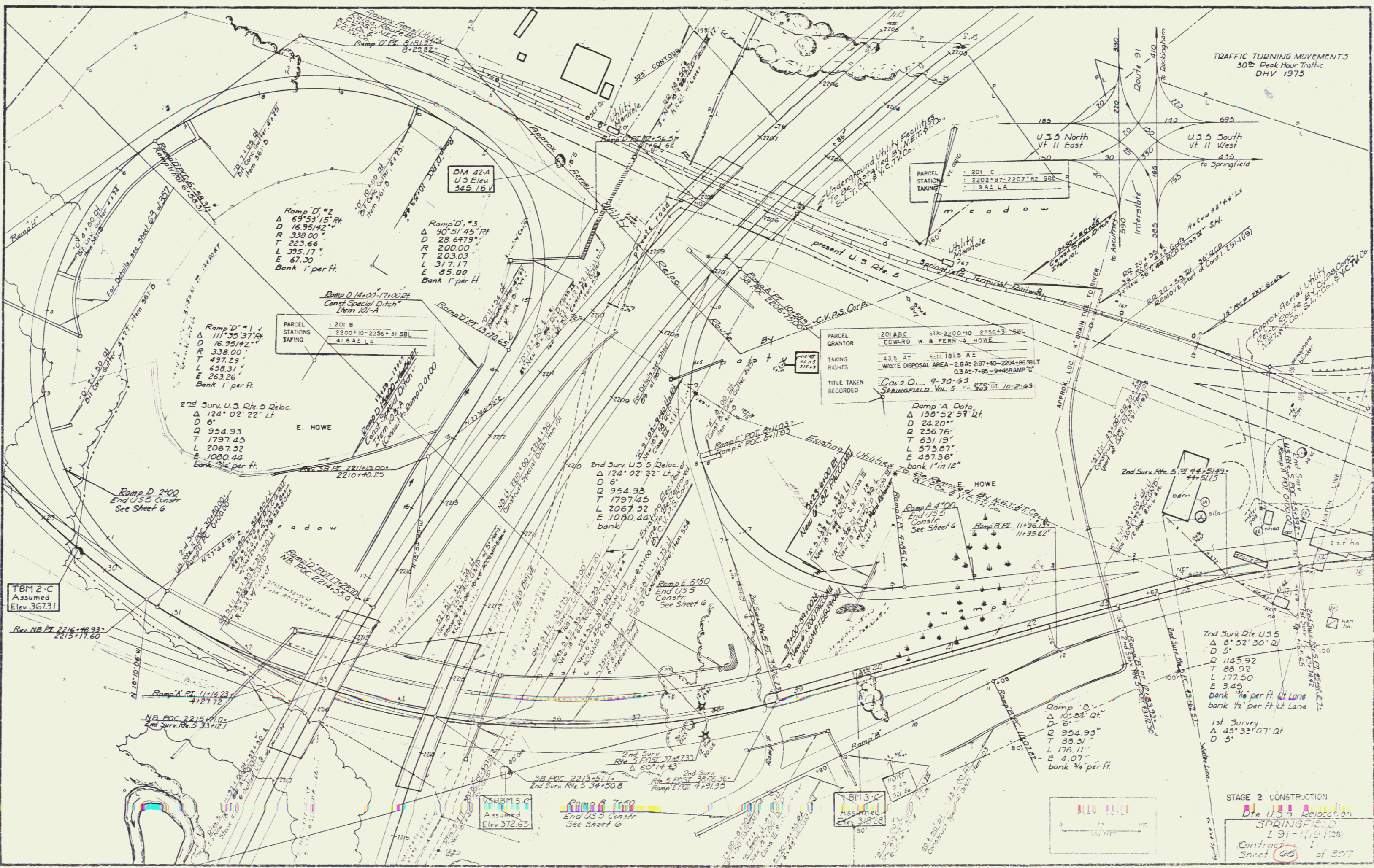
VSHBM 3-C
 Assumed
 Elev. 361.09

VSHBM 4-C
 Assumed
 Elev. 301.08

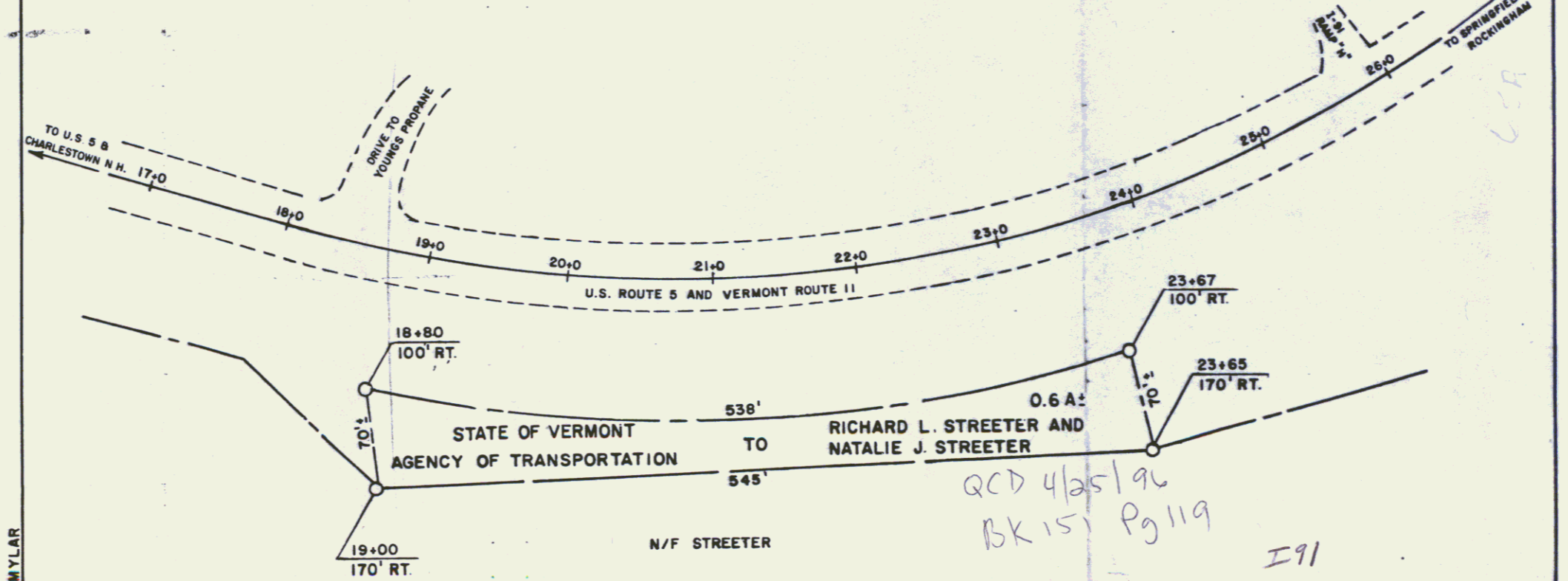
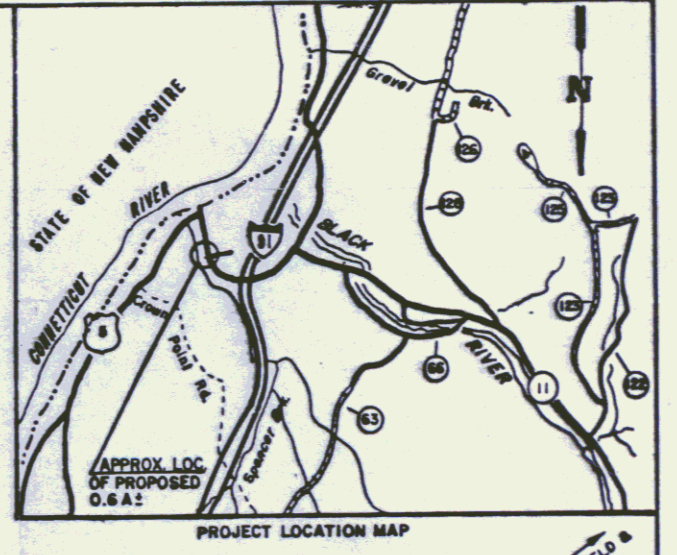
U.S. 5 & V.T. 11
 STAGE 2 CONSTRUCTION
 SPRINGFIELD
 7-91-1-1-26
 Sheet 63 of 537

See Exec Order
 State Hwy Bd to Dept of Fish & Game
 1465 19A L BK 61 Pg 74

PLAN
 SUBMITTED BY
 PREPARED BY
 PLOTTED BY
 CHECKED BY



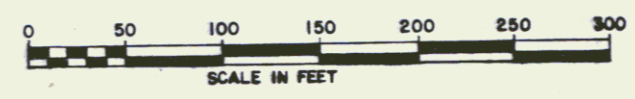
THIS IS PART OF THE SAME LAND AND PREMISES ACQUIRED BY THE STATE FROM EDWARD W. AND FERN A. HOWE BY CONDEMNATION ORDER DATED SEPTEMBER 30, 1963 AND RECORDED IN BOOK 5, PAGES 270-303 OF THE SPRINGFIELD HIGHWAY RECORDS.



THIS IS AN ORIGINAL MYLAR

LEGEND

--- EXISTING R.O.W. AFTER CONVEYANCE



*QCD 4/25/96
BK 15 Pg 119*

I 91

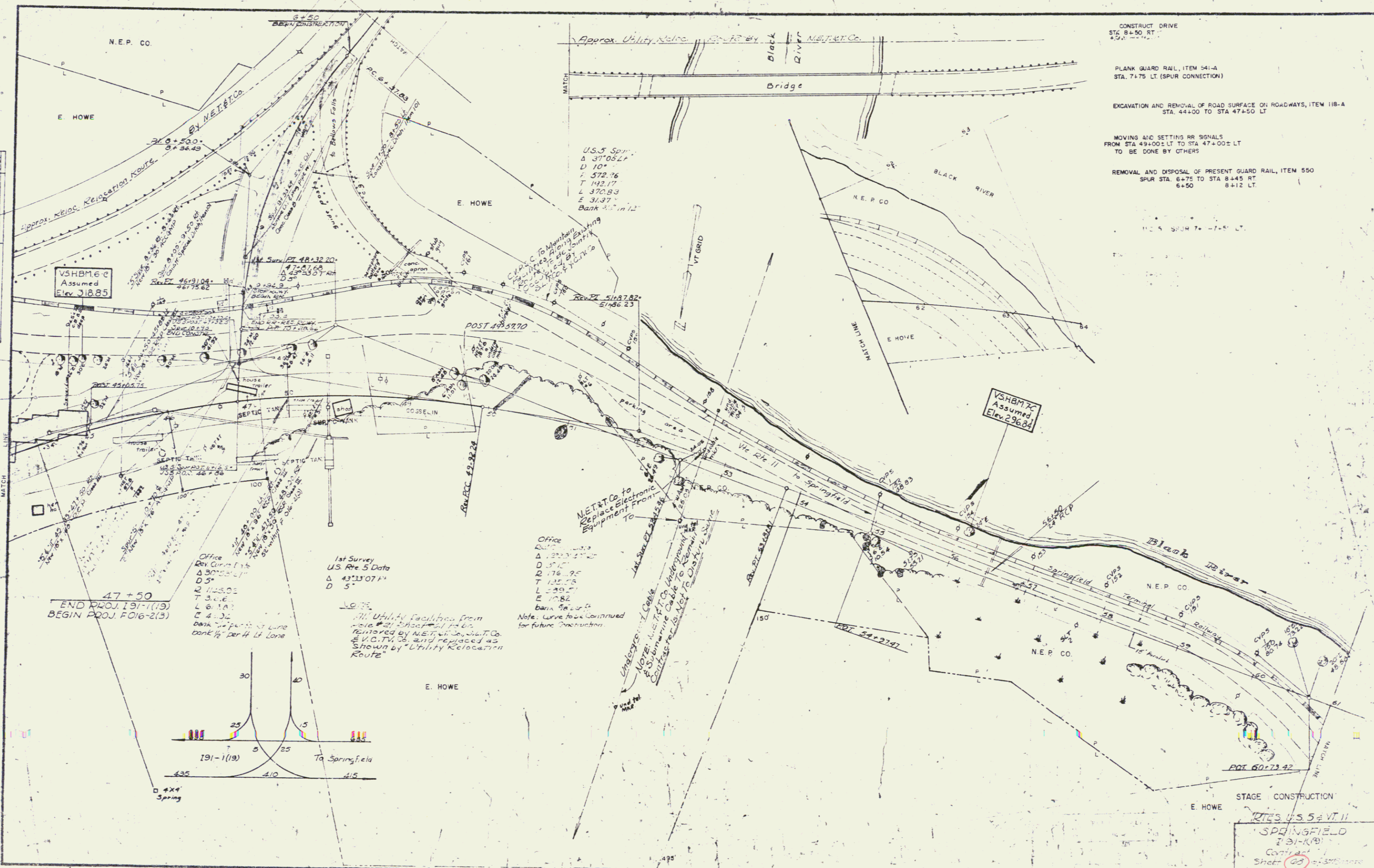
REF. PROJECT: SPRINGFIELD F 041-2(1)

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

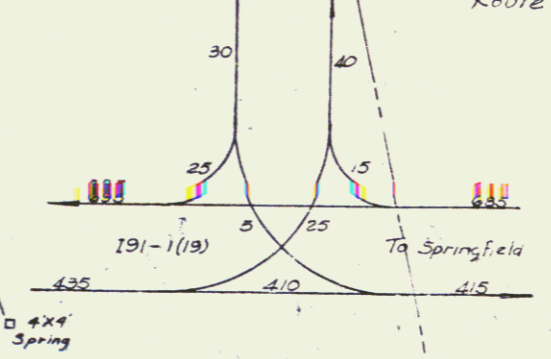
TOWN OF SPRINGFIELD

APPROX. SCALE DATE -86 DRAWN BY K.L.H.

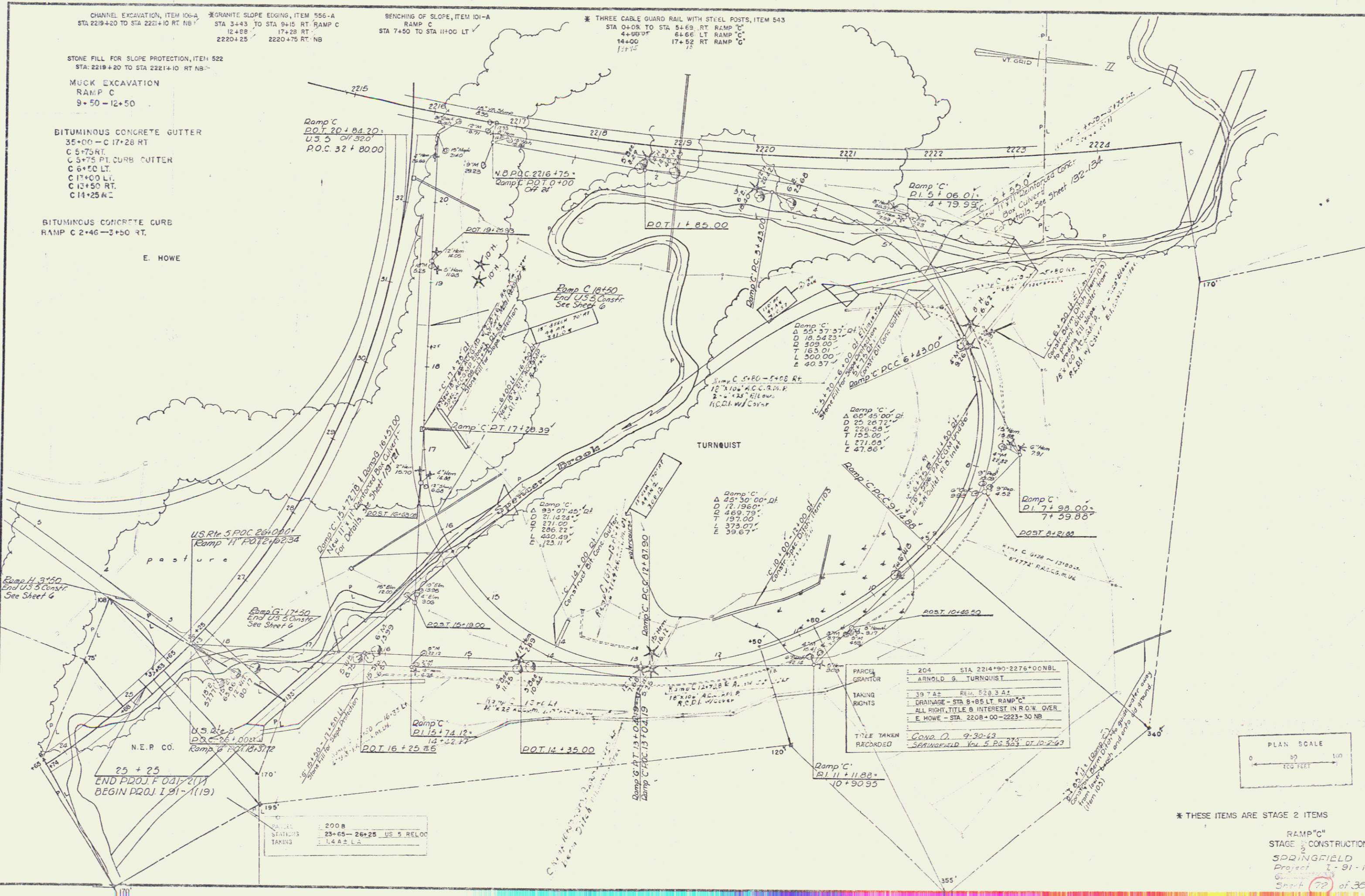
DATE	BY	REVISION
12-31-51	W.C. MURPHY	DESIGNED
2-10-52	W.C. MURPHY	TRACED
1-24-52	W.C. MURPHY	REVISED



- CONSTRUCT DRIVE STA. 8+50 RT.
- PLANK GUARD RAIL, ITEM 541-A STA. 7+75 LT. (SPUR CONNECTION)
- EXCAVATION AND REMOVAL OF ROAD SURFACE ON ROADWAYS, ITEM 118-A STA. 44+00 TO STA 47+50 LT
- MOVING AND SETTING RR SIGNALS FROM STA 49+00± LT TO STA 47+00± LT TO BE DONE BY OTHERS
- REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL, ITEM 550 SPUR STA. 6+75 TO STA 8+45 RT 6+50 8+12 LT



STAGE CONSTRUCTION
 RITES U.S. 5 & VT. 11
 SPRINGFIELD
 191-1(19)
 Cont. of
 Sheet 22
 Conf. net



CHANNEL EXCAVATION, ITEM 106-A
STA 2219+20 TO STA 2221+10 RT NB

GRANITE SLOPE EDGING, ITEM 556-A
STA 3+43 TO STA 9+15 RT RAMP C
12+08 17+28 RT
2220+25 2220+75 RT NB

BENCHING OF SLOPE, ITEM 101-A
RAMP C
STA 7+50 TO STA 11+00 LT

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
STA 0+00 TO STA 5+69 RT RAMP C
14+00 6+66 LT RAMP C
17+52 RT RAMP C

STONE FILL FOR SLOPE PROTECTION, ITEM 522
STA: 2219+20 TO STA 2221+10 RT NB

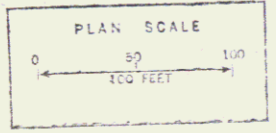
MUCK EXCAVATION
RAMP C
9+50-12+50

BITUMINOUS CONCRETE GUTTER
35+00-C 17+28 RT
C 5+75 RT
C 5+75 PT CURB CUTTER
C 6+50 LT
C 13+50 RT
C 14+25 AC

BITUMINOUS CONCRETE CURB
RAMP C 2+46-3+50 RT

E. HOWE

PARCEL	204	STA 2214+90-2276+00 NBL
GRANTOR	ARNOLD G. TURNQUIST	
TAKING RIGHTS	39' ± ± ±	REV. 528.3 AC
TITLE TAKEN	CONY. D.	9-30-63
RECORDED	SPRINGFIELD VOL. 5, PG. 363	DT 10-2-63



* THESE ITEMS ARE STAGE 2 ITEMS

RAMP 'C'
STAGE 2 CONSTRUCTION
SPRINGFIELD
Project 5-91-1 (1/10/26)
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