

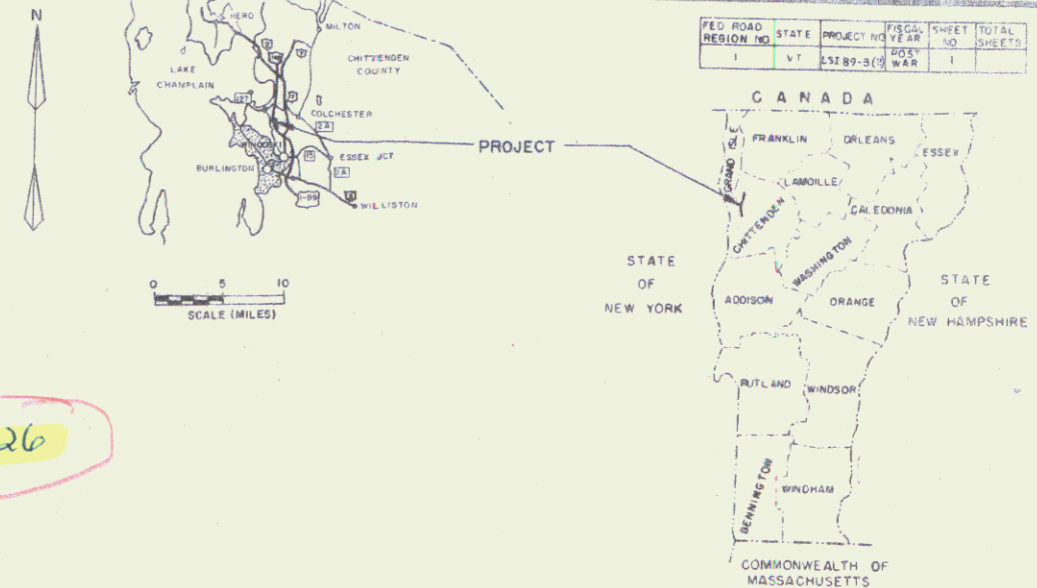
- INDEX OF SHEETS**
- SHEET NO. 1 TITLE PAGE
 2. CONSTRUCTION WARNING SIGNS
 3. E-31 FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS
 4. J-3 MINIMUM PLANTING DISTANCES
 5. J-5 DRY RUBBLE MASONRY TREE WELLS, ITEM #12.
 BRACING OF TREES, PICKING TABLE
 6. QUANTITY SHEET
 7. LAYOUT SHEETS

**STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 PROPOSED IMPROVEMENT**

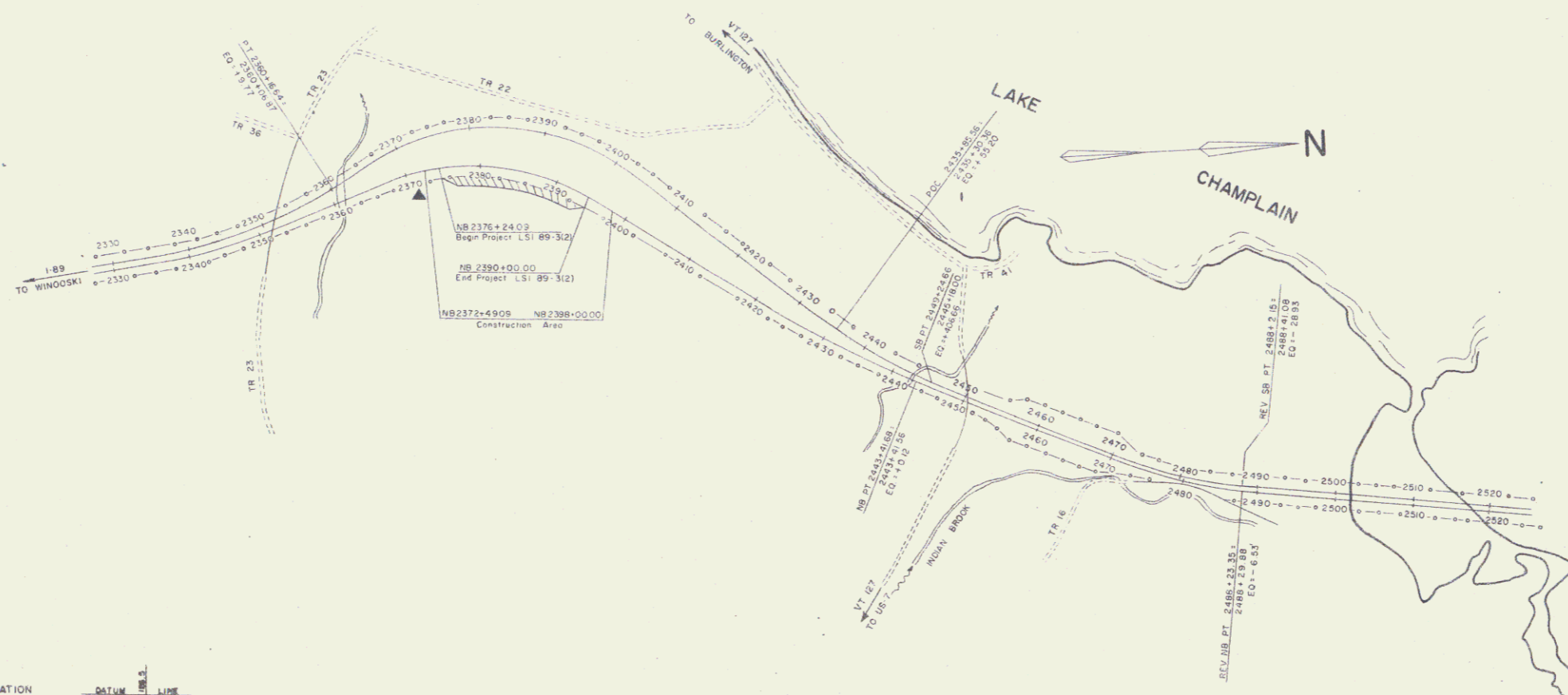
TOWN OF COLCHESTER
 COUNTY OF CHITTENDEN
 PROJECT LSI 89-3 (2) Pin # 99R-026

BEGINNING AT A POINT IN COLCHESTER 3.006 MILES NORTH OF THE WINOOSKI -
 COLCHESTER TOWN LINE AND EXTENDING NORTHERLY FOR A DISTANCE OF 0.261 MILES

LENGTH OF PROJECT 1375.91 FEET = 0.261 MILES



M



- CONVENTIONAL SIGNS**
- COUNTY LINE
 - TOWN LINE
 - FENCE LINE
 - STONE WALL
 - UNFENCED PROPERTY
 - GUARD RAIL
 - TRAVELED WAY
 - RAILROAD
 - RETAINING WALL
 - CENTER LINE
 - SURVEY LINE
 - CULVERT
 - DROP INLET
 - TROLLEY POLE
 - POWER POLE
 - TELEPHONE POLE
 - TREES
 - HEDGE
- GROUND ELEVATION**
 DATUM M.S.
 DATUM R.L.
- GRADE ELEVATION**
 DATUM M.S.
 DATUM R.L.
- CURVE DATA**
- DEFLECTION OF ANGLE Δ
 - 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 BUS-TANGENT P.O.B.T.
- SCALES**
- TITLE 1" = 1'
 - TYPICAL 1" = 1'
 - PLAN 1" = 1'
 - PROFILE 1" = 1'
 - CROSS-SECTIONS 1" = 1'
- FEDERAL AID CONSTRUCTION SIGN** ▲

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.

DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS
MP 93.91-94.17

APPROVED _____
 DIVISION ENGINEER DATE _____

PROJECT L.S.I. NO. 89-3(2)
 SHEET 1 OF SHEETS

APPROVED <i>E.H. Stebbins</i> DIST. ENGR. DATE 6/2/66	APPROVED _____ CONSTRUCTION ENGINEER DATE _____	APPROVED <i>W. J. [unclear]</i> SUPERVISING ENGINEER DATE May 23, 1966	APPROVED <i>W. J. [unclear]</i> DISTRICT ENGINEER DATE 6/1/66	APPROVED <i>W. J. [unclear]</i> ENGINEER DATE May 23, 1966	APPROVED <i>R.W. [unclear]</i> DISTRICT ENGINEER DATE 6/2/66
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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET
A OF 4

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING A.E.	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	BLAKELY ESTATE		2375+00	2380+91	1.5A								
2	SAM & HELEN D. BRIGANTE		2380+91	2390+25	5.7A								
3	WILFRED J. BEAUDOIN EST. & BLANCHE E. BEAUDOIN		2390+25	2395+00	2.0A								

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

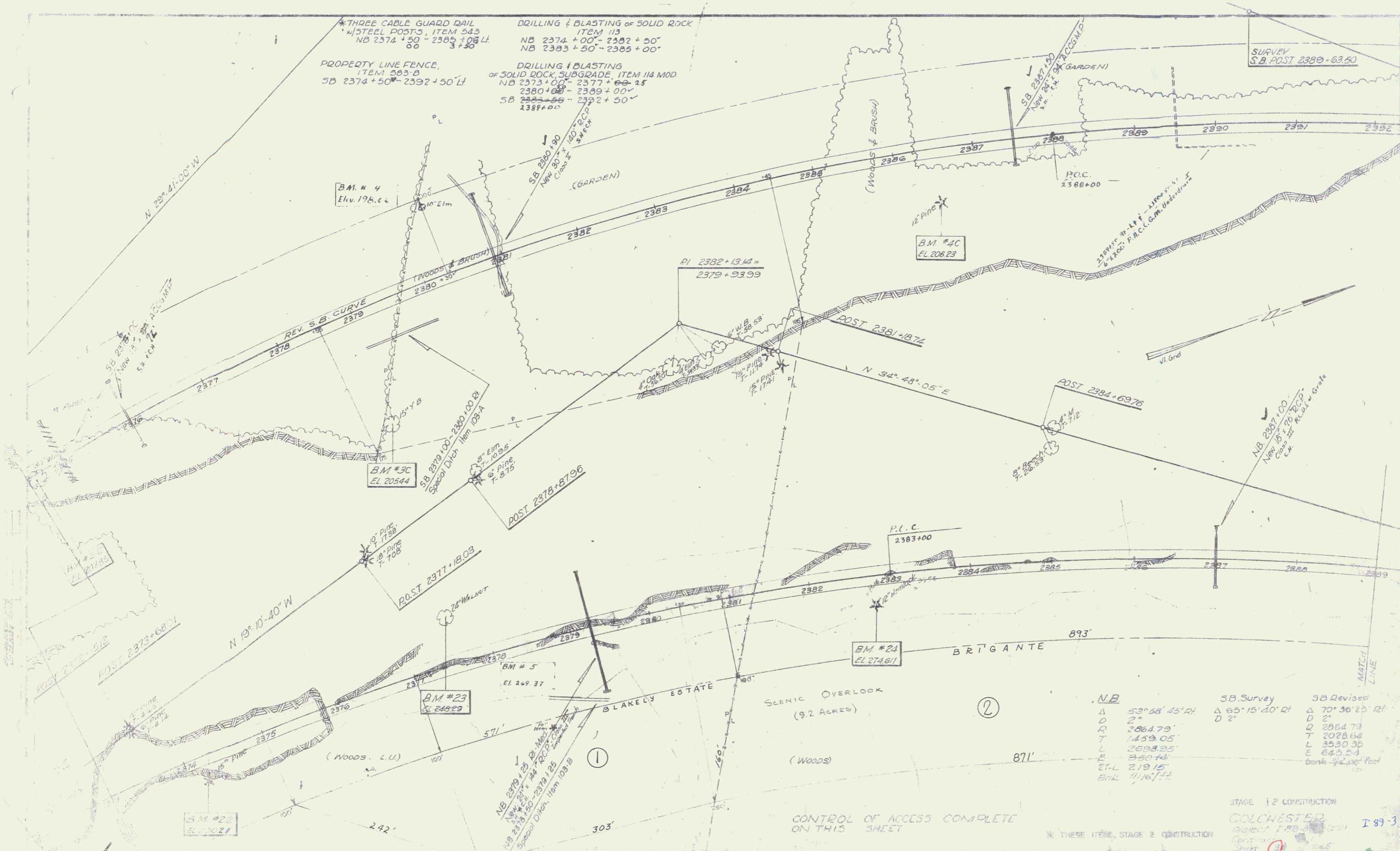
MADE BY: C.E.L. DATE 6-3-66
CHECKED BY: J.M.C. DATE 6-3-66

----- PRESENT R.O.W.
 //-----// TAKING WITHOUT ACCESS
 //-----// TAKING WITHOUT ACCESS ALONG PROPERTY LINES
 ----- TAKING WITH ACCESS
 (P) PERMANENT EASEMENT
 (T) TEMPORARY EASEMENT

SR-----SR SLOPE RIGHTS
 P-----P PROPERTY LINE
 -----Δ-----Δ TOP OF CUT
 -----○-----○ TOE OF SLOPE

APPROVED Thomas C. Bennett DATE 6-3-66
CITY ENGINEER
 APPROVED J.M. Gandy DATE 6-6-66
HIGHWAY ENGINEER
 APPROVED N. Phasigan DATE 6-6-66
R.O.W. DIRECTOR

PROJECT COLCHESTER
 NO. LS1 89-3(2)
 SHEET 2 OF 4



THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543
 NB 2374 + 50 - 2385 + 00 LI
 SB 2374 + 50 - 2392 + 50 LI

DRILLING & BLASTING OF SOLID ROCK ITEM 113
 NB 2374 + 00 - 2382 + 50
 NB 2383 + 50 - 2385 + 00

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 114 MOD
 NB 2373 + 00 - 2377 + 60 25
 2380 + 00 - 2389 + 00
 SB 2383 + 50 - 2392 + 50
 1388 + 00

SURVEY
 S.B. POST 2389 + 63.60

N.B.		S.B. Survey		S.B. Revised	
Δ	53° 58' 45" R	Δ	70° 36' 25" R	Δ	70° 36' 25" R
D	2'	D	2'	D	2'
R	2864.79'			R	2864.79'
T	1459.05'			T	2028.64'
L	2698.25'			L	3530.35'
E	340.74'			E	625.54'
ST-L	219.15'				
Bank	1/16" ±				bank 1/4" ± foot

STAGE 1 & 2 CONSTRUCTION
 GOLCHESTER
 PROJECT # 88-100
 SHEET 3

CONTROL OF ACCESS COMPLETE ON THIS SHEET

* THESE ITEMS, STAGE 2 CONSTRUCTION

I 89-3

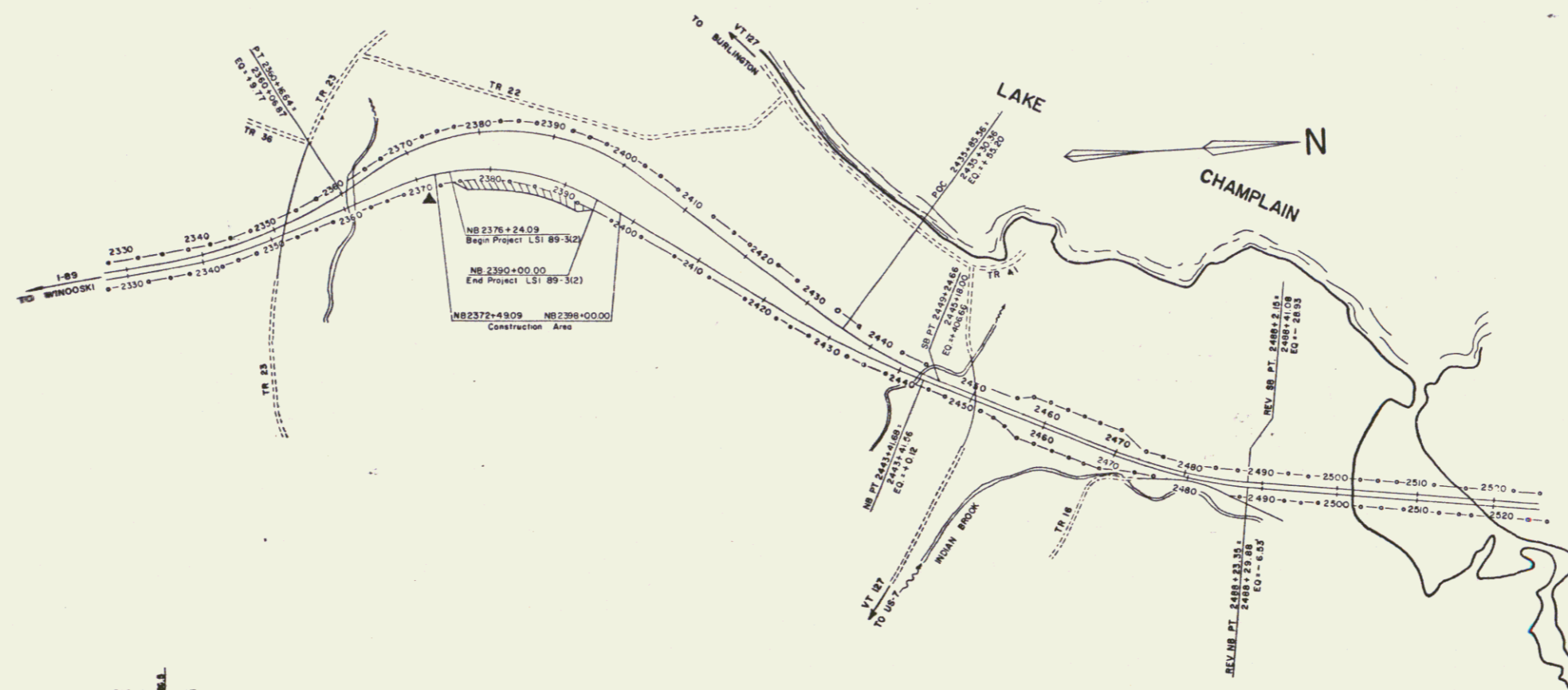
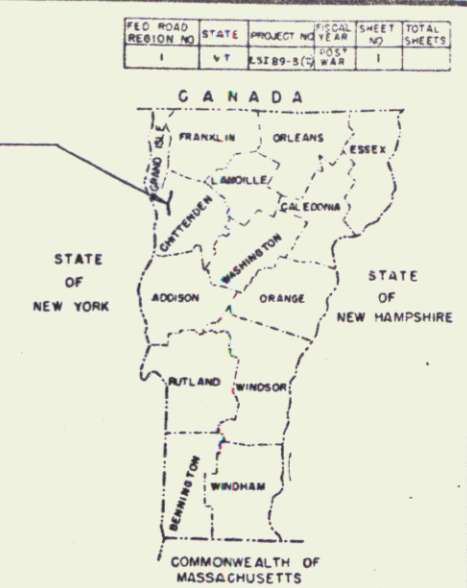
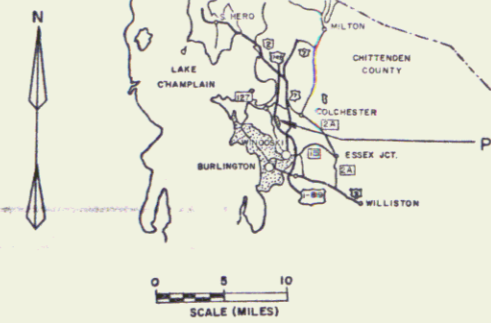
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

TOWN OF COLCHESTER
COUNTY OF CHITTENDEN
PROJECT LSI 89-3 (2)

BEGINNING AT A POINT IN COLCHESTER 3.006 MILES NORTH OF THE WINOOSKI -
COLCHESTER TOWN LINE AND EXTENDING NORTHERLY FOR A DISTANCE OF 0.261 MILES

LENGTH OF PROJECT 1375.91 FEET = 0.261 MILES



Construction Plans

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of I89
(To Be Returned To R.O.W. Division)

GROUND ELEVATION	DATUM	LINE	FEDERAL AID CONSTRUCTION SIGN ▲
GRADE ELEVATION	RADW	LINE	
CURVE DATA			
DEFLECTION OF ANGLE	Δ		
DEGREE OF CURVE	D		
RADIUS OF CURVE	R		
TANGENT DISTANCE	T		
LENGTH OF CURVE	L		
EXTERNAL DISTANCE	E		
POINT OF INTERSECTION	PI		
POINT OF CURVE	PC		
POINT OF TANGENT	PT		
POINT ON TANGENT	POT		
POINT ON SUB-TANGENT	POST		

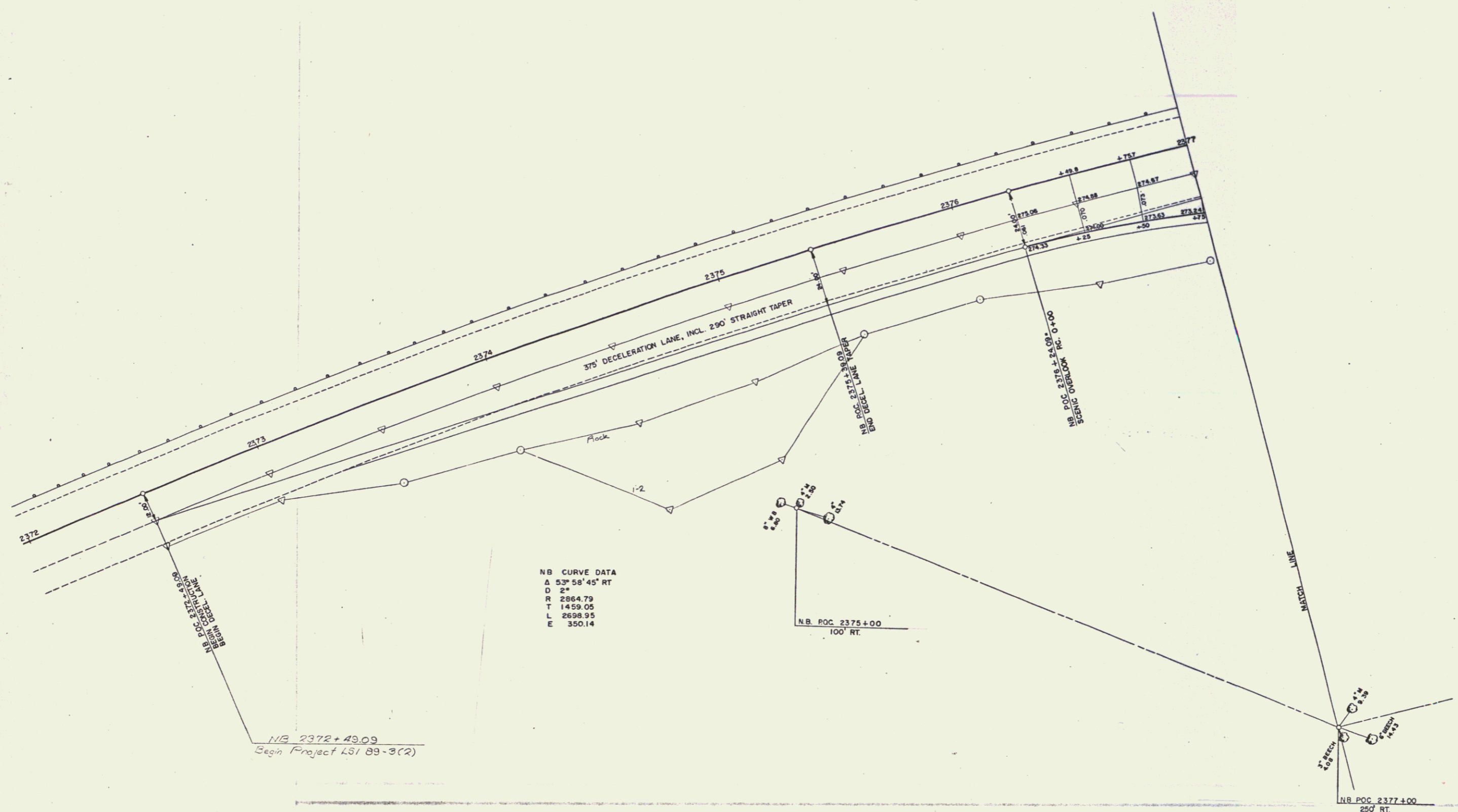
SCALES	
TITLE	1" = 100'
TYPICAL	1" = 100'
PLAN	1" = 100'
PROFILE HORIZONTAL	1" = 100'
PROFILE VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 10'

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.

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
APPROVED	DATE
DIVISION ENGINEER	
PROJECT L.S.I. NO. 89-3(2)	
SHEET 1 OF SHEETS	

APPROVED <i>E. H. Wickham</i> ASSIST. CHIEF ENGINEER DATE 6/2/66	APPROVED <i>R. L. Smith</i> CONSTRUCTION ENGINEER DATE 5/23/66	APPROVED <i>R. L. Smith</i> LANDSCAPE ENGINEER DATE MAY 23, 1966	APPROVED <i>R. L. Smith</i> DISTRICT ENGINEER DATE 6/1/66	APPROVED <i>R. M. Lane</i> HIGHWAY ENGINEER DATE MAY 23, 1966	APPROVED <i>R. L. Smith</i> CHIEF ENGINEER DATE 6/1/66
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PROPERTY LINE FENCE
WITH STEEL POSTS, ITEM 583-II
NB 2375+00 - 2377+00 RL



NB CURVE DATA
 Δ 53° 58' 45" RT
 D 24'
 R 2864.79
 T 1459.05
 L 2698.95
 E 350.14

NB 2372+43.09
Begin Project LSI 89-3(2)

N.B. P.O.C. 2375+00
100' RT

NB P.O.C. 2377+00
250' RT

COLCHESTER
 SURVEYED BY F.E. DATE 5/88
 DRAWN BY F.E. DATE 5/88
 TRACED BY AJA DATE 5/88
 PROJ. LSI NO. 89-3(2)
 SHEET 12 OF 70

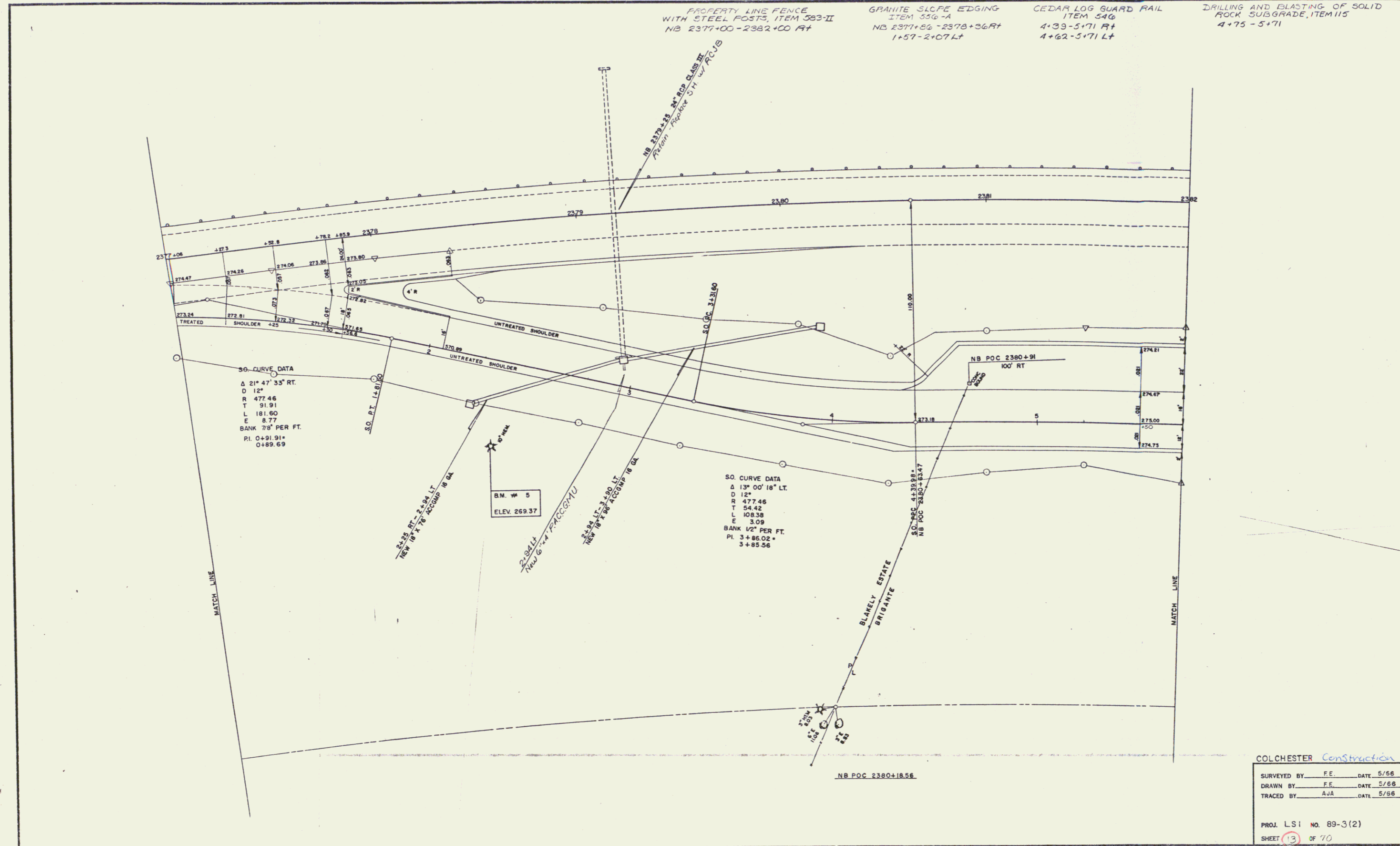
6

PROPERTY LINE FENCE
WITH STEEL POSTS, ITEM 383-II
NB 2377+00-2382+00 RT

GRANITE SLOPE EDGING
ITEM 556-A
NB 2377+36-2378+36 RT
1+57-2+07 LT

CEDAR LOG GUARD RAIL
ITEM 546
4+33-5+71 RT
4+62-5+71 LT

DRILLING AND BLASTING OF SOLID
ROCK SUBGRADE, ITEM 115
4+75-5+71



COLCHESTER Construction

SURVEYED BY: F.E. DATE: 5/66
DRAWN BY: F.E. DATE: 5/66
TRACED BY: AJA DATE: 5/66

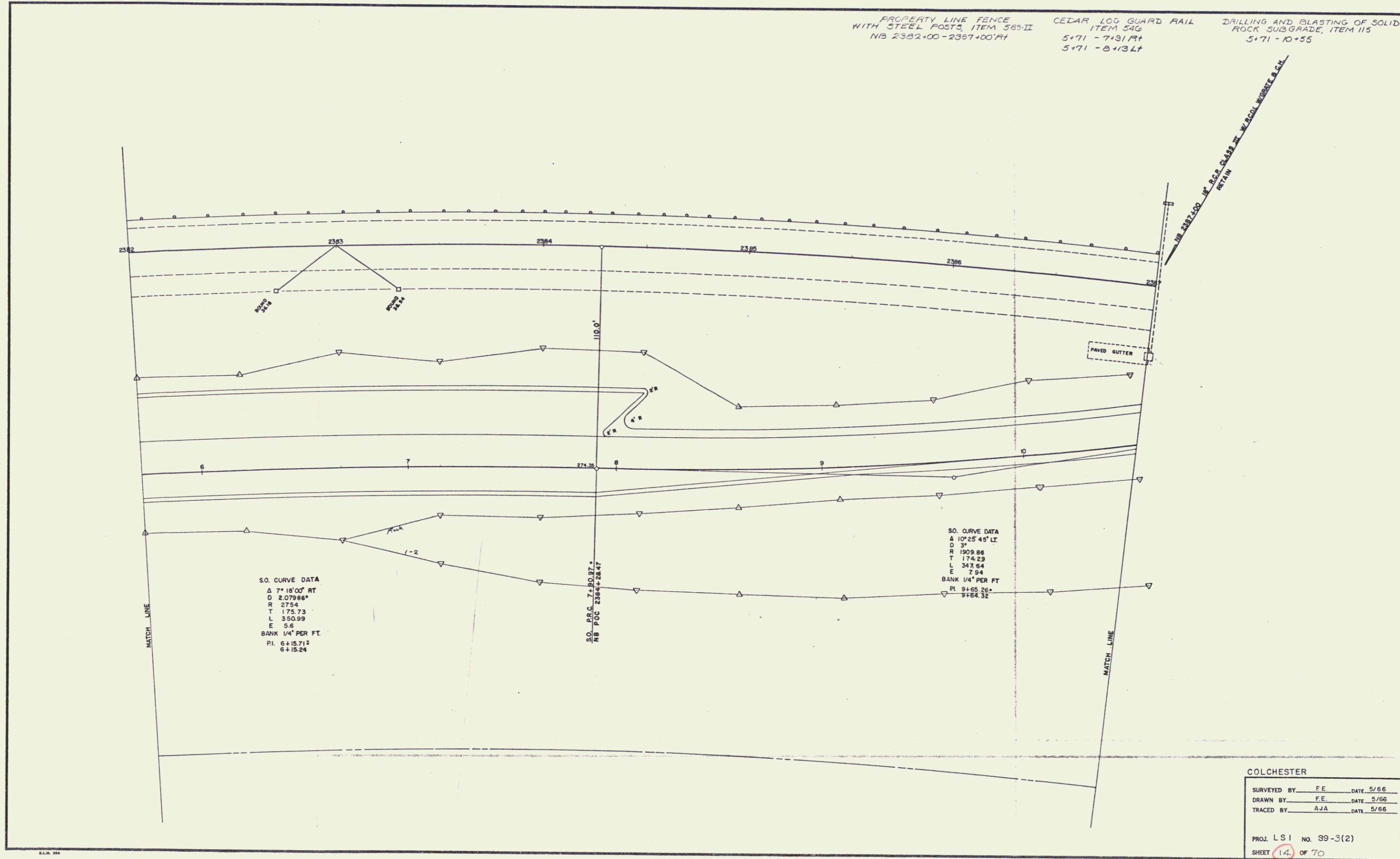
PROJ. LSI NO. 89-3(2)
SHEET 13 OF 10

7

PROPERTY LINE FENCE
WITH STEEL POSTS, ITEM 585-II
NB 2382+00 - 2397+00/RT

CEDAR LOG GUARD RAIL
ITEM 546
5+71 - 7+31/RT
5+71 - 6+13/LT

DRILLING AND BLASTING OF SOLID
ROCK SUBGRADE, ITEM 115
5+71 - 10+55



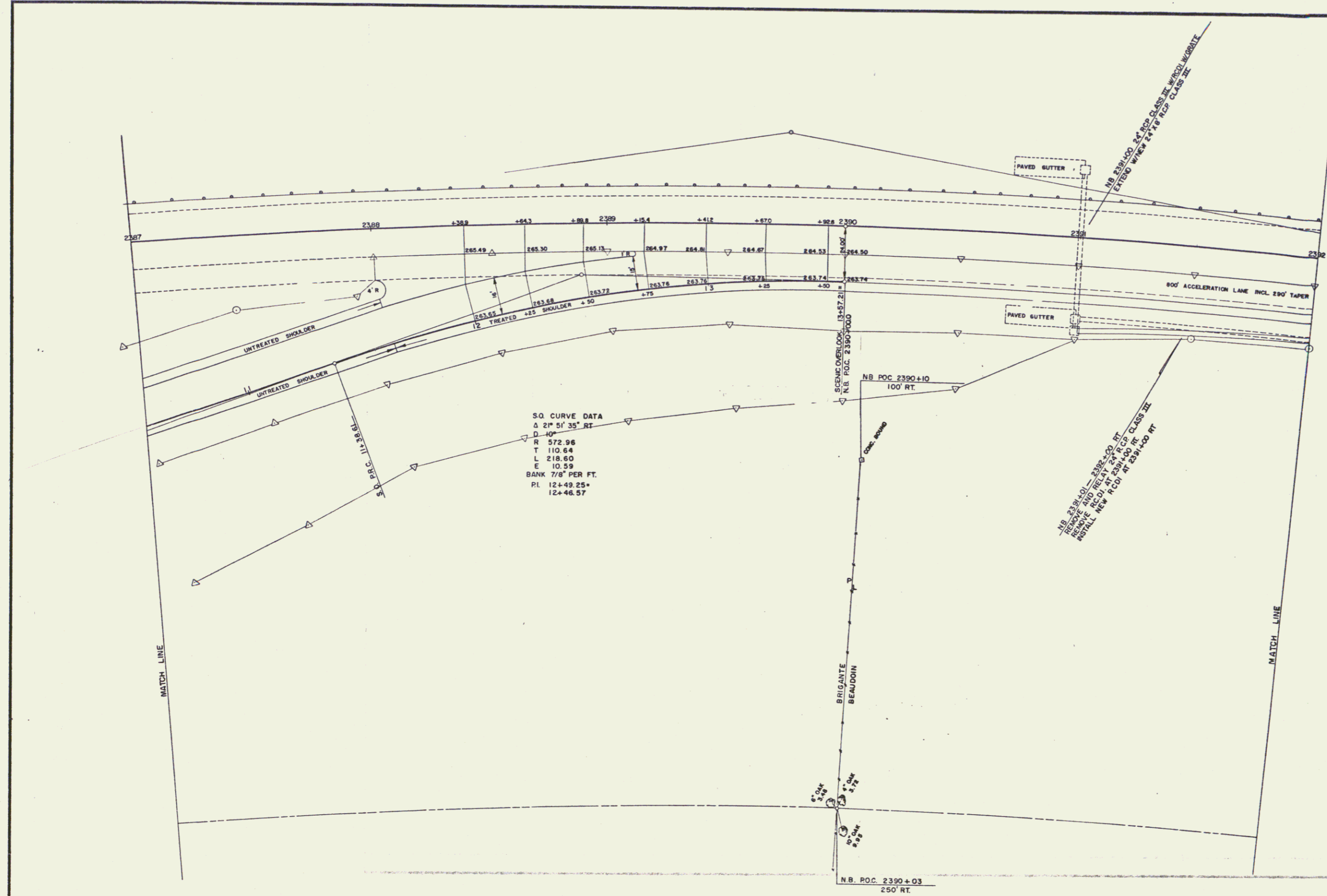
S.O. CURVE DATA
Δ 7° 18' 00" RT
D 2,079.86'
R 2754
T 175.73
L 350.99
E 55
BANK 1/4" PER FT.
PI 6+15.712
6+15.24

S.O. P.C. 7+10.97
NB P.O.C. 2384+28.47

S.O. CURVE DATA
Δ 10° 25' 45" LT
D 3'
R 1909.86
T 174.29
L 347.04
E 7.94
BANK 1/4" PER FT.
PI 9+65.28
3+64.32

UP 2387+00 1/2" P.C. CLASS II W/500' WOODS & C.H.
RETAIN

COLCHESTER
SURVEYED BY F.E. DATE 5/66
DRAWN BY F.E. DATE 5/66
TRACED BY AJA DATE 5/66
PROJ LSI No. 99-3(2)
SHEET 14 OF 70



DRILLING AND BLASTING OF SOLID
ROCK SUBGRADE, ITEM 115
10+55 - 13+00

CONSTRUCT PAVED GUTTER
ITEM 554
NB 2390+70 - 239+100 FT

PROPERTY LINE FENCE
WITH STEEL POSTS, ITEM 583-II
NB 2387+00 - 2392+00 FT.

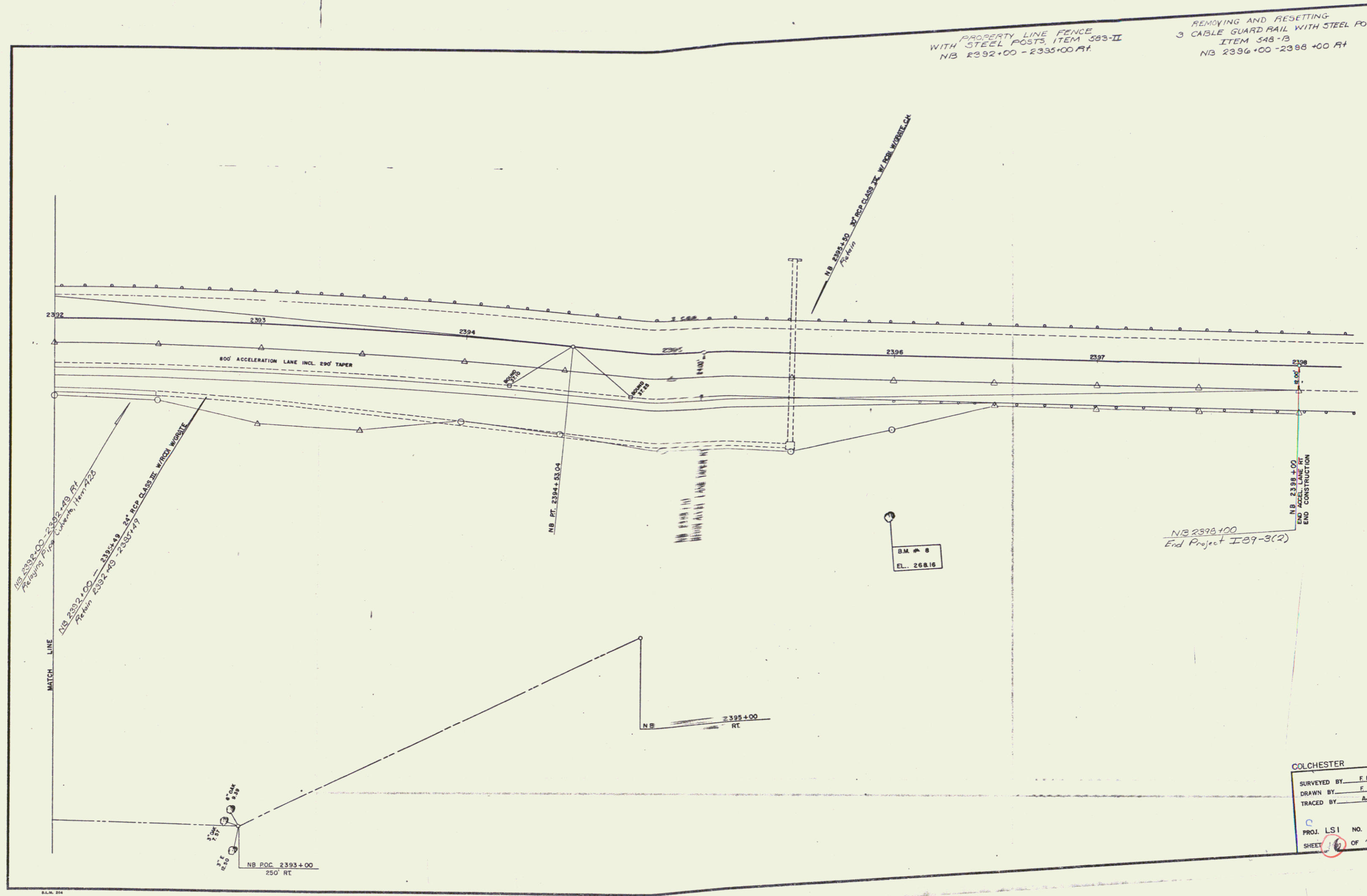
NB 2381+00 - 2382+00 RT
REMOVE AND REPLY 24" R.C. CL-48-32
INSTALL NEW R.C. AT 2381+00 RT

S.O. CURVE DATA
Δ 21° 51' 35" RT
D -10'
R 572.96
T 110.64
L 218.50
E 10.59
PI 12+49.25+
12+46.57

COLCHESTER

SURVEYED BY	F.E.	DATE	5/66
DRAWN BY	F.E.	DATE	5/66
TRACED BY	AJA	DATE	5/66

PROJ. LSI NO. 89-3(2)
SHEET 15 OF 70



COLCHESTER

SURVEYED BY	F.E.	DATE
DRAWN BY	F.E.	DATE
TRACED BY	AJA	DATE

PROJ. LS1 NO. 89-3(2)
 SHEET 10 OF 70

10

* THREE CABLE GUARD RAIL
 W/ STEEL POSTS 5' on C/S
 NB 2350+00-2357+66 LI 2350+00-2362+02 LI
 SB 2367+00-2363+56 LI 2367+00-2365+38 LI

* BITUMINOUS CONCRETE CURB
 ITEM 555
 NB 2356+50-2362+00 LI
 NB 2357+00-2365+00 LI

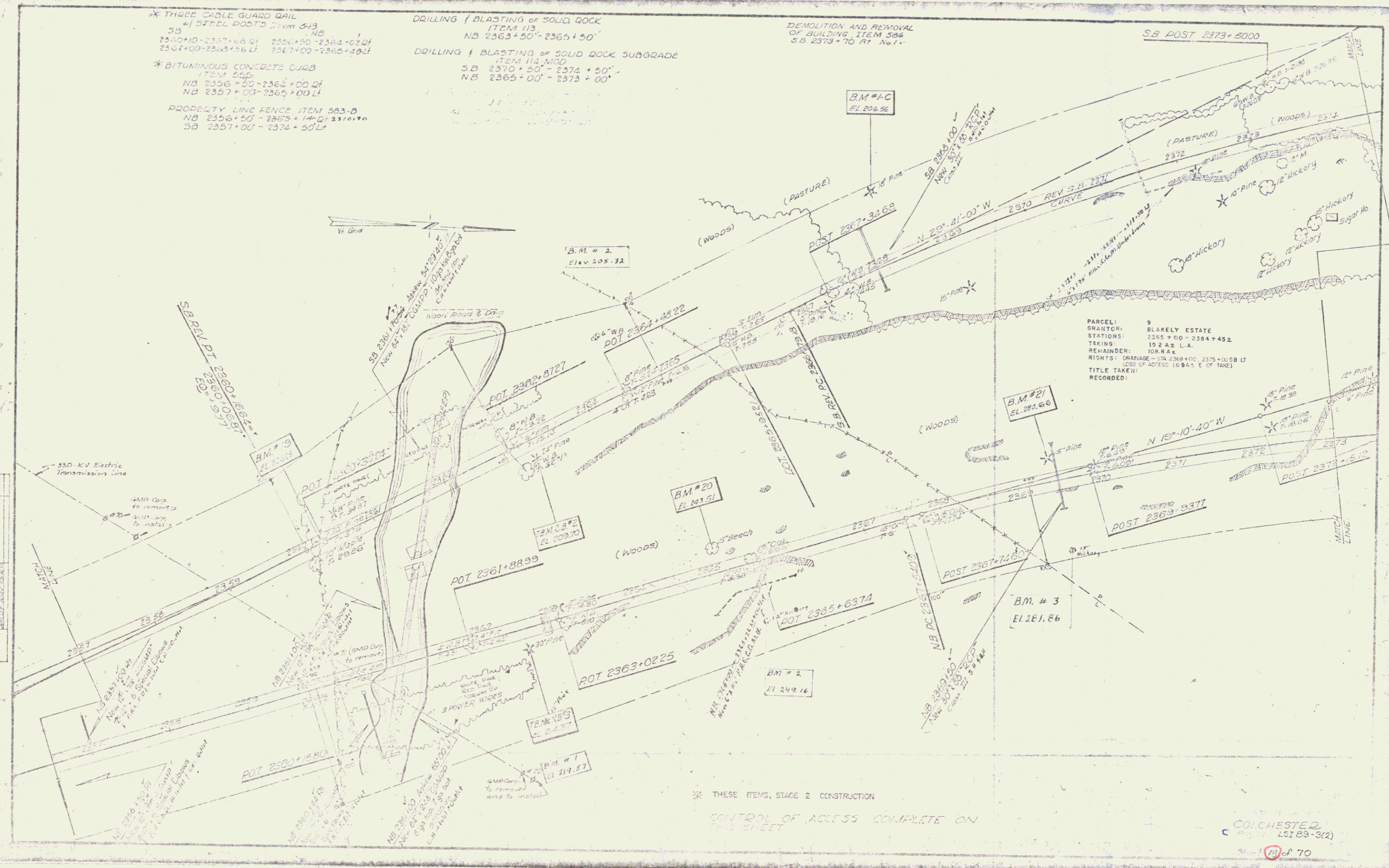
PROPERTY LINE FENCE, ITEM 583-B
 NB 2356+50-2369+14 LI 2370+10
 SB 2357+00-2374+50 LI

DRILLING & BLASTING OF SOLID ROCK
 ITEM 113
 NB 2363+50'-2365+50'

DRILLING & BLASTING OF SOLID ROCK SUBGRADE
 ITEM 114, MOD
 SB 2370+50'-2372+50'
 NB 2365+00'-2373+00'

DEMOLITION AND REMOVAL
 OF BUILDING, ITEM 586
 S.B. 2373+70 AT No. 1-

S.B. POST 2373+5000



PARCEL: 9
 GRANTOR: BLAKELY ESTATE
 STATIONS: 2365+00-2384+45±
 TAKING: 19.2 AC L.A.
 REMAINDER: 108.8 AC
 RIGHTS: DRAINAGE - STA 2368+00, 2373+00 SB LT
 LOSS OF ACCESS (69 AC E OF TAKE)
 TITLE TAKEN:
 RECORDED:

* THESE ITEMS, STAGE 2 CONSTRUCTION

CONTROL OF ACCESS COMPLETE ON THIS SHEET

COLCHESTER, MASS.
 LSI 83-3(2)
 13 of 70

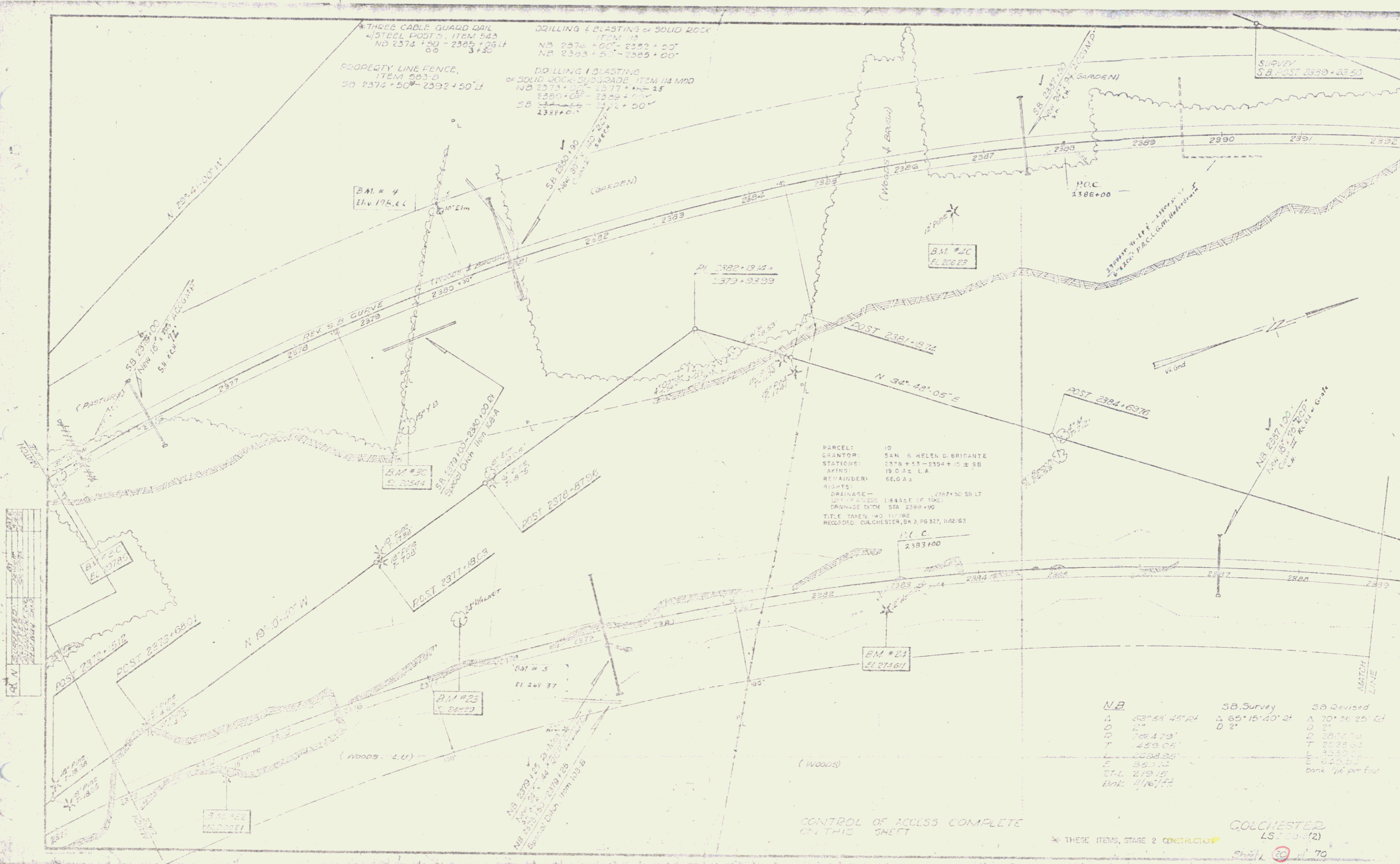
SURVEY
S.B. POST 2390 + 03.50

THREE CABLE GUARD RAIL
STEEL POSTS, ITEM 583
NB 2374 + 50 - 2385 + 25.4
3 + 25

DRILLING & BLASTING OF SOLID ROCK
ITEM 11A
NB 2374 + 50 - 2382 + 00
NB 2383 + 50 - 2385 + 00

PROPERTY LINE FENCE,
ITEM 583-B
SB 2374 + 50 - 2392 + 50.4

DRILLING & BLASTING
OF SOLID ROCK, CURB GRADE, ITEM 11A MDD
NB 2373 + 50 - 2377 + 25
2380 + 00 - 2389 + 00
SB 2380 + 00 - 2384 + 00



PARCEL: 10
GRANTOR: SAN & HELEN D. BRIGANTE
STATIONS: 2376 + 43 - 2394 + 10 ± SB
ACRES: 19.02 ± L.A.
REMAINDER: 66.0 ±

RIGHTS:
DRAINAGE - 15' ± WIDE (144 ± LF 152)
DRAINAGE DITCH STA 2394 + 10
TITLE TAKEN: 11/7/82
RECORD: COLCHESTER, BK 3, PG 327, 11/2/82

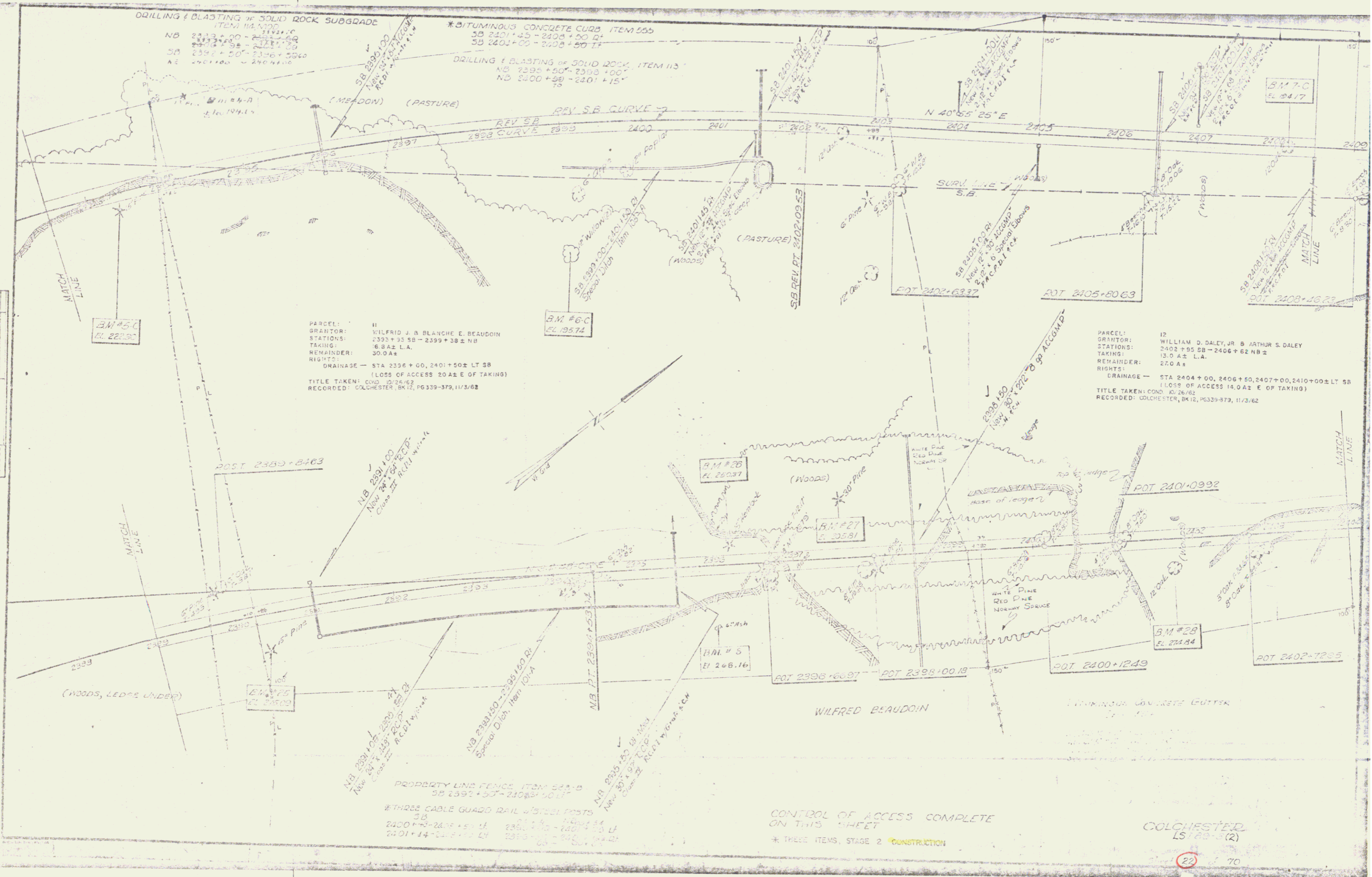
N.B.	S.B. Survey	S.B. Revised
A 33° 54' 45" RT	A 65° 15' 40" RT	A 70° 36' 25" RT
D 12'	D 2'	D 2'
T 264.70'		D 264.70'
T 459.05'		T 263.80'
L 268.25'		L 253.50'
E 350.12'		E 225.50'
T.L. 219.15'		Dink 1/16" per foot
Brk. 11/16" ±		

CONTROL OF ACCESS COMPLETE
ON THIS SHEET

* THESE ITEMS, STAGE 2 CONSTRUCTION

COLCHESTER
LS 750-2(2)

PLAN	CONSTRUCTION
REVISIONS	
NO.	DATE



DRILLING & BLASTING OF SOLID ROCK SUBGRADE
ITEM 114, 115
NB 2392+00 - 2401+00
SB 2392+50 - 2401+50
AE 2401+00 - 2401+15

*BITUMINOUS CONCRETE CURB ITEM 555
SB 2401+25 - 2405+00 R
SB 2401+00 - 2405+50 LT

DRILLING & BLASTING OF SOLID ROCK ITEM 113
NB 2395+50 - 2399+00
ND 2400+50 - 2401+15

PARCEL: 11
GRANTOR: WILFRED J. & BLANCHE E. BEAUDOIN
STATIONS: 2392+33 SB - 2399+38 ± NB
TAKING: 6.8 A± L.A.
REMAINDER: 30.0 A±
RIGHTS:
DRAINAGE - STA 2396+00, 2401+50 ± LT SB
(LOSS OF ACCESS 20 A± E OF TAKING)
TITLE TAKEN: COND. 12/6/62
RECORDED: COLCHESTER, BK 12, PG 339-379, 11/3/62

PARCEL: 13
GRANTOR: WILLIAM D. DALEY, JR. & ARTHUR S. DALEY
STATIONS: 2402+95 SB - 2406+62 NB ±
TAKING: 13.0 A± L.A.
REMAINDER: 27.0 A±
RIGHTS:
DRAINAGE - STA 2404+00, 2406+50, 2407+00, 2410+00 ± LT SB
(LOSS OF ACCESS 14.0 A± E OF TAKING)
TITLE TAKEN: COND. 12/26/62
RECORDED: COLCHESTER, BK 12, PG 339-379, 11/3/62

PROPERTY LINE FENCE ITEM 522-B
SB 2392+50 - 2401+50 LT

*THREE CABLE GUARD RAIL w/STEEL POSTS
SB 2400+00 - 2401+50 LT
2401+14 - 2401+15 LT

CONTROL OF ACCESS COMPLETE
ON THIS SHEET
* THESE ITEMS, STAGE 2 CONSTRUCTION

COLCHESTER
LS 120-5(2)