

SHEET NO. 1 Title Page
2 Alignment Sheet
3 Typical Sections
4 Quantity Sheets, Items
5 General Notes, Drainage
6 General Notes, Bridge
7 General Notes, Roadway
8 General Notes, Structures
9 General Notes, Utilities
10 General Notes, Miscellaneous
11 General Notes, Construction
12 General Notes, Miscellaneous
13 General Notes, Construction
14 General Notes, Miscellaneous
15 General Notes, Construction
16 General Notes, Miscellaneous
17 General Notes, Construction
18 General Notes, Miscellaneous
19 General Notes, Construction
20 General Notes, Miscellaneous
21 General Notes, Construction
22 General Notes, Miscellaneous
23 General Notes, Construction
24 General Notes, Miscellaneous
25 General Notes, Construction
26 General Notes, Miscellaneous
27 General Notes, Construction
28 General Notes, Miscellaneous
29 General Notes, Construction
30 General Notes, Miscellaneous
31 General Notes, Construction
32 General Notes, Miscellaneous
33 General Notes, Construction
34 General Notes, Miscellaneous
35 General Notes, Construction
36 General Notes, Miscellaneous
37 General Notes, Construction
38 General Notes, Miscellaneous
39 General Notes, Construction
40 General Notes, Miscellaneous
41 General Notes, Construction
42 General Notes, Miscellaneous
43 General Notes, Construction
44 General Notes, Miscellaneous
45 General Notes, Construction
46 General Notes, Miscellaneous
47 General Notes, Construction
48 General Notes, Miscellaneous
49 General Notes, Construction
50 General Notes, Miscellaneous
51 General Notes, Construction
52 General Notes, Miscellaneous
53 General Notes, Construction
54 General Notes, Miscellaneous
55 General Notes, Construction
56 General Notes, Miscellaneous
57 General Notes, Construction
58 General Notes, Miscellaneous
59 General Notes, Construction
60 General Notes, Miscellaneous
61 General Notes, Construction
62 General Notes, Miscellaneous
63 General Notes, Construction
64 General Notes, Miscellaneous
65 General Notes, Construction
66 General Notes, Miscellaneous
67 General Notes, Construction
68 General Notes, Miscellaneous
69 General Notes, Construction
70 General Notes, Miscellaneous
71 General Notes, Construction
72 General Notes, Miscellaneous
73 General Notes, Construction
74 General Notes, Miscellaneous
75 General Notes, Construction
76 General Notes, Miscellaneous
77 General Notes, Construction
78 General Notes, Miscellaneous
79 General Notes, Construction
80 General Notes, Miscellaneous
81 General Notes, Construction
82 General Notes, Miscellaneous
83 General Notes, Construction
84 General Notes, Miscellaneous
85 General Notes, Construction
86 General Notes, Miscellaneous
87 General Notes, Construction
88 General Notes, Miscellaneous
89 General Notes, Construction
90 General Notes, Miscellaneous
91 General Notes, Construction
92 General Notes, Miscellaneous
93 General Notes, Construction
94 General Notes, Miscellaneous
95 General Notes, Construction
96 General Notes, Miscellaneous
97 General Notes, Construction
98 General Notes, Miscellaneous
99 General Notes, Construction
100 General Notes, Miscellaneous

07 F-1 Property Line Fence
95-99 G-2016 Two Cable Guard Rail
100 G-4 9000 and Steel Marker Posts
101 G-4 Project Marker, Boundary Marker
102 G-4 Field Office
103-105 Mainline Cross Sections
17-186 1:2.5% Cross Section

10. FINAL FATHOM SHEETS
STRUCTURAL STEEL
DETAILS W/ EXTENDED
WEIGHT

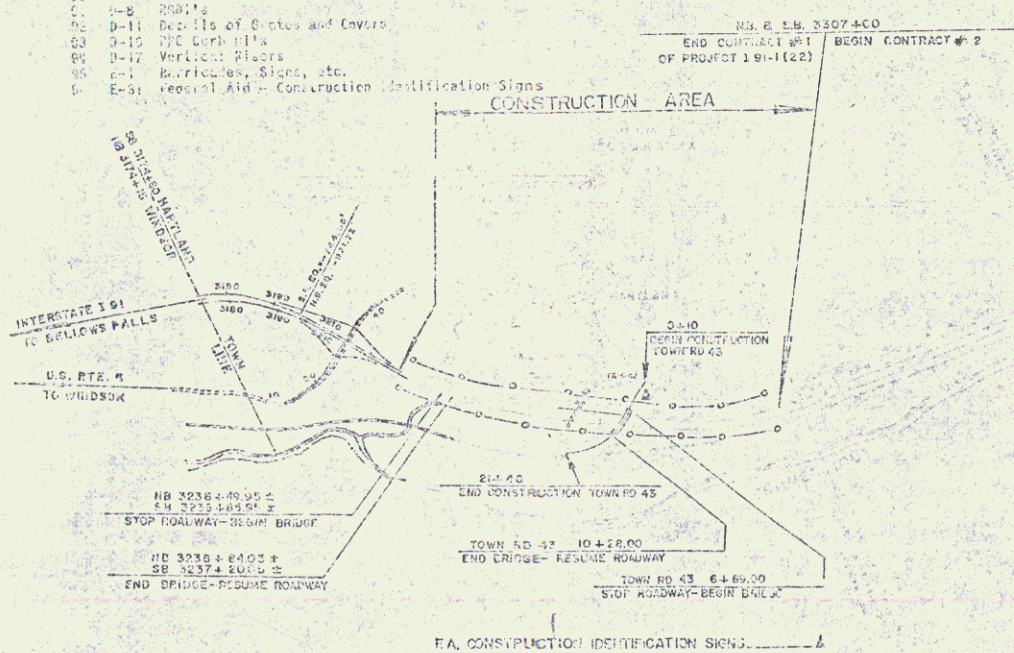
TOWNS OF HARTLAND-HARTFORD
COUNTY OF WINDSOR
INTERSTATE ROUTE 91
BELLOWS FALLS-WHITE RIVER JCT. ROAD
CONTRACT #1
BEGINNING AT A POINT 0.865 MILE NORTHERLY OF THE
WINDSOR-HARTLAND TOWN LINE AND EXTENDING NORTH-
EASTLY 1.4667 MILES

LENGTH OF ROADWAY 2,815.90 FEET = 14.002 MILES
LENGTH OF BRIDGE 34.10 FEET = 0.0064 MILES
LENGTH OF CONTRACT 7,850.00 FEET = 1.4867 MILES

ADT 1065	3500
ADT 1085	3060
ADT 1535	1160
E	5.1%
T	7.0%
V	60 MPH

project# I 91-1(22)

DC
2/100



SCALE IN FEET
0 200 400 600 800 1000

POOR ORIGINAL COPY

APPROVED
DATE 1/30/63

APPROVED
DATE 1/30/63

APPROVED
DATE 1/30/63

APPROVED
DATE 1/30/63

APPROVED
DATE 1/30/63

APPROVED
DATE 1/30/63

NOTE: ANY FURTHER WORK SHALL BE DONE IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM RELATIVE TO THIS PROJECT. EITHER THE FIELD SUPERVISOR OR THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR THE QUALITY OF THE WORK.

CONTRACT #1
STAGE 1 CONSTRUCTION

MP 60.73-70.08

Sheet 1 of 1

NB CURVE No 1
 Δ 18° 55' 55" Lt
 D 7° 0'
 R 1204.73'
 T 426.41'
 L 846.6'
 E 31.56'
 Bnk. 1 1/8" Per Ft.

SB CURVE No 2
 Δ 21° 27' 45" Lt
 D 2° 03' 11"
 R 1790.83'
 T 528.88'
 L 1045.42'
 E 49.65'
 Bnk. 1 1/8" Per Ft.

NB CURVE No 3
 Δ 6° 37' 25" Lt
 D 0° 30'
 R 11439.16'
 T 663.10'
 L 1324.72'
 E 19.17'
 Bnk. 1/4" per ft.

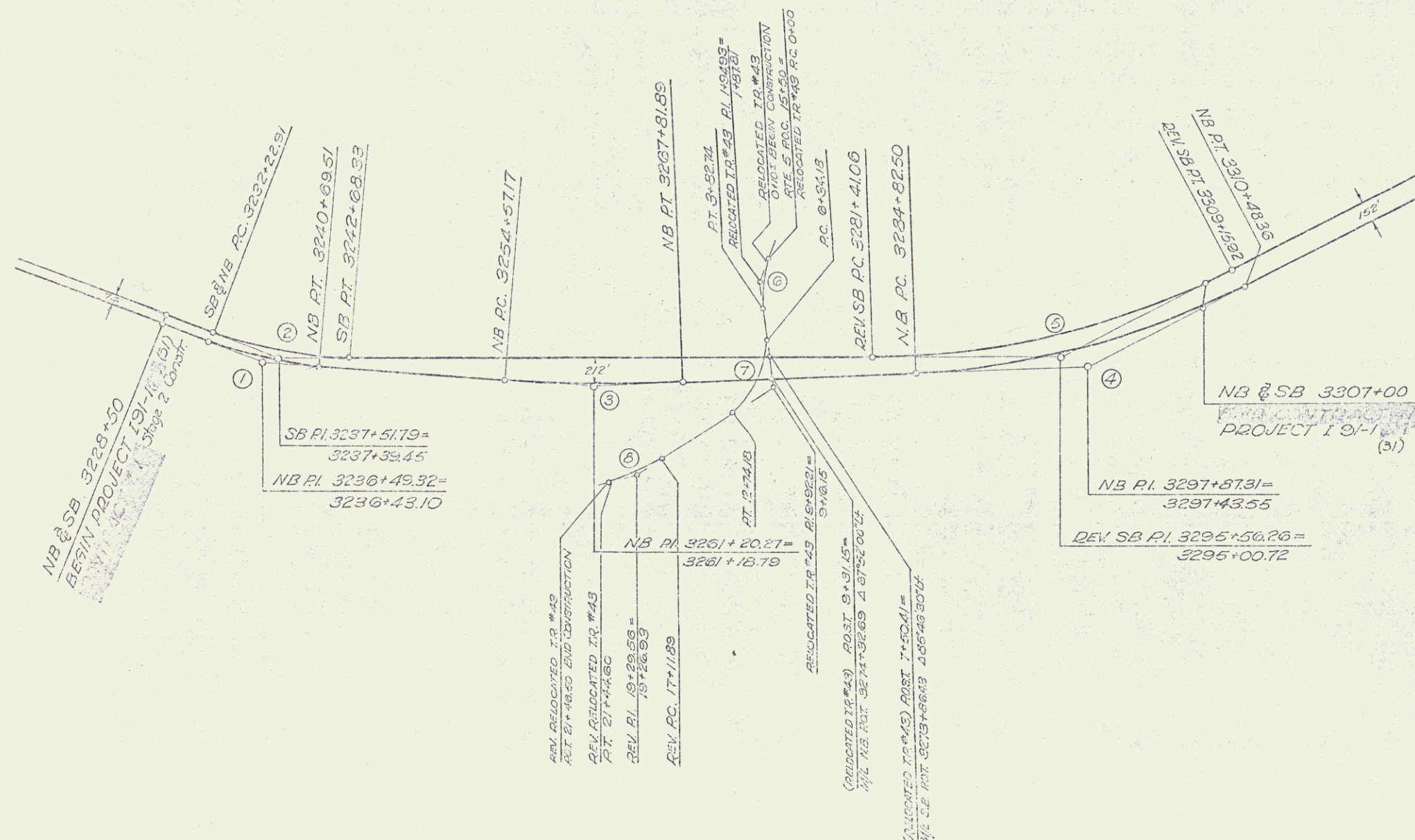
NB CURVE No 4
 Δ 25° 39' 31" Lt
 D 1° 0'
 R 5729.58'
 T 1304.81'
 L 2565.86'
 E 146.53'
 Bnk. 5/16" Per Ft.

SB CURVE No 5 (Rev)
 Δ 27° 45' 00" Lt
 D 1° 0'
 R 5729.58'
 T 1415.20'
 L 2774.86'
 E 172.17'
 Bnk. 5/16" Per Ft.

T.R. #43 CURVE No 6
 Δ 26° 47' 30" Lt
 D 7° 00'
 R 313.51'
 T 194.93'
 L 382.74'
 E 22.89'
 Bnk. 3/4" per ft.

T.R. #43 CURVE No 7
 Δ 64° 00' 00" Rt
 D 10° 00'
 R 572.98'
 T 350.03'
 L 640.00'
 E 102.66'
 Bnk. 3/4" per ft.

T.R. #43 CURVE #8
 Δ 15° 25' 00" Rt
 D 3° 33' 48"
 R 1608.20'
 T 217.67'
 L 432.71'
 E 14.67'
 Bnk. 1/2" per ft.



Stage 2 construction
 ALIGNMENT SHEET
 HARTLAND-HARTFORD
 PROJ. 19-11-101
 Jan. 15, '62 Scale, 1"=500'
 Sheet 2 of 232 Sheet 2 of 185

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
(DETAIL SHEET)

TABLE OF PROJECT PROPERTY ACQUISITION

SHEET NO.	BRANCH	DISCH. STA.	DISCH. STATION	TAKING 2	IND. 2	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	REMARKS
323	ERNEST W. MARTIN	3232+75 NB RT	3243+97 SB LT	27.5 A LA	235.7 A					SANMILL, SHED
		3233+50 SB LT				DRAINAGE				
		3235+00 SB LT				DRAINAGE				
		3242+00 NB RT				DRAINAGE				
		3243+50 SB LT				DRAINAGE				
		3246+94	3250+50 SB LT			DITCH				
		3258+00 NB RT				DITCH				
329 A	TOWN OF HURLAND	3239+50 SB LT 3243+35 NB RT	NONE	NA		ALL RTE IN 0.55 A TR #41				
B		3262+65 NB RT 3264+13 SB LT	NONE			ALL RTE IN 0.6 A TR #43				
C		3+00 TR #42	17+00 RT #5	NONE		ALL RTE IN 0.35 A TR #42				
D		21+20 RT	22+10 TR #43	NONE		ALL RTE IN 0.1 A TR #43				
E		3367+45 SB LT 3366+53 SB LT	NONE			ALL RTE IN 0.16 A TR #76				
F		5+43 RT	9+00 TR #76	NONE		ALL RTE IN 0.45 A TR #76				
G		3414+60 NB RT 3519+78 SB LT	NONE			ALL RTE IN 0.89 A TR #19				
H		5+67 RT #76 3502+75 NB	NONE			ALL RTE IN 1.0 A TR #11				
I		3517+81 NB RT 3519+43 NB RT	NONE			ALL RTE IN 0.35 A TR #16				
J		3536+00 NB RT 3544+97 NB RT	NONE			ALL RTE IN 1.1 A TR #15				
K		3558+00 NB RT 3560+15 NB RT	NONE			ALL RTE IN 3.6 A TR #16				
330 A	JOHN G & PAULINE M. PERRON	3258+55 NB RT 3271+06 SB LT	10.8 A LA	11.0 A						
		3264+50 NB RT				DRAINAGE				
		3263+75 NB RT				DRAINAGE				
		3265+60	3266+12 NB RT			DITCH				
B		17+56	21+28 RT #43	0.2 A						
332 A	J. KINGSLEY STEVENS	3271+00	3278+30 NB RT	7.2 A LA	5.8 A					HOUSE
		3274+80 SB LT				DRAINAGE				
B		3266+72	3271+00 NB RT			ALL RTE IN 12' ROW				
C		17+00 RT #5	3272+90 SB LT	1.6 A						
		18+24 TR #41 LT	3274+00 NB RT	0.6 A						
333	HENRIETTA L. PLESCHE	3277+00 SB RT	NONE		56.0 A	SPRINGS				
334	HAROLD H. & LUCIE F. BARBOUR	3279+00	3282+00 NB RT	NONE	1.0 A	SPRINGS				
335	EARL J. & BEATRICE HUGHSON	3279+00	3282+00 NB RT	NONE	2.0 A	SPRINGS				
336	RALPH O. & VELMA STULLSON	3278+30	3281+55 NB	2.9 A LA	1.3 A					
		3278+50 NB RT				DRAINAGE				
		3281+00 NB RT				DRAINAGE				
337	RICHARD A. & EVEL B. SYKES	17500 RT #24	3+00 TR #2	0.8 A	14.6 A					
338	DONALD A. & EUGENIA M. FRAIL	0+79 TR #44	3+00 TR #2	0.5 A	0.6 A	DRIVE 2190 LT TR #42				
339	THOMAS E. & MARLENE A. FOLEY	12+74 NB RT	18+23 TR #31 LT	1.1 A	1.9 A					
		15+80 TR #42				DRIVE				
		16+10 TR #43				SEWER PIPE CROSSING				
		3266+72	3271+00 NB RT			ALL RTE IN 12' ROW				
340 A	CENTRAL VERMONT RAILWAY, INC.	16+82 LT	22+10 LT TR #3	0.6 A	NA					
B		16+40 LT	19+25 LT TR #3			DITCH				
C		3283+42	3284+30 NB RT	0.16 A LA	NA					
		3389+62	3364+40 NB RT	0.45 A LA	NA					
		3357+30	3364+00 NB RT			SLOPE 0.22 A				
		3482+40	3482+70 NB RT			SLOPE 200 SF				
		3483+95	3484+00 NB RT			SLOPE 400 SF				
341	JOHN HARRISON FURNACE L. CURNEY	3279+45	3293+05 SB LT	16.3 A LA	118.7 A					6 HEN HOUSES
342	VEDA L. EDWARDS & MARION A. MACAN	3294+33 NB RT	3299+00 SB LT	4.9 A LA	7.9 A					
343	STEVEN R. & EUNICE J. MORRIS	3299+65 NB RT 3303+00 SB LT		3.9 A LA	22.1 A					
344	HARRY K. SHEPARD	3302+18 NB RT 3304+65 SB LT		1.5 A LA	0.5 A					
345	IRSELE WARE	3308+05 NB RT 3312+60 SB LT		7.6 A LA	37.0 A					
346	FRANK E. & CATRICE MATTIE	3312+61 NB RT 3316+31 SB LT		2.96 A LA	7.0 A					HOUSE, GARAGE, SHED, WELL LOSS OF ACCESS (6.6 A)
		3312+61	3316+30 NB RT							

TABLE OF REVISIONS

[illegible]

POOR ORIGINAL COPY

M. S. Gundy 8/10/63
M. W. Jones 8/10/63

APPROVED Reh. C. Weller DATE 8/20/63
APPROVED Wm. M. Davis DATE 8/20/63
APPROVED W. H. [unclear] DATE 8/22/63

ROCKINGHAM-WHITE RIVER ACT. 1-31-1(12)
HARTLAND-HARTLAND SECTION
SHEET 72 OF 185
Contract 22 F Raw

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
(DETAIL SHEET)

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING ±	REM ±	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY	BLK.	PG.	REMARKS
347	KENNETH E. MERRILL		3316+30 NB RT	3324+20 NB RT	7.0A LA	8.2A							Loss of Access (8.2A)
348	LEO P & ANNA L. DEBERNADI		3323+61 SB LT	3341+00 NB RT	12.3A LA	8.0A							SHED, HOUSE Loss of Access (8.0A)
349	LEO P. DEBERNADI		3331+20 NB RT	3338+05 NB RT									Loss of Access (8.0A)
350	LOUIS P. SR. & KATHLEEN SHERMAN		3329+45 SB LT	3337+81 NB RT	3.5A LA	8.5A							DANCE HALL, CABIN, RESTAURANT
351 A	SELDON E. & PEARL A. MILLER		3340+59 SB LT	3357+85 SB LT	16.7A LA	16.8A							Non Participating
352	LENIS E. MERRITT ESTATE		3351+12 RT	3400+00 SB LT	3.6A								WOOD LOT
353 A	VERN E. & GLADYS H. OSMER		3346+50 SB LT	3357+85 SB LT	16.7A LA	16.8A							HEN HOUSE, HOUSE, GARAGE
354 A	PERCY N. & LOUISE M. COURTEMANCHE		3356+06 NB RT	3370+70 NB RT	9.3A LA								Non Participating
355	WILLIAM J. & VIRGINIA A. WATKINS		3366+30 SB LT	3384+58 SB LT	18.4A LA								WATER PIPE CROSSING
356	ERNEST W. & NELLIE V. BROWN		3373+00 RT	3384+58 SB LT	18.4A LA								HOUSE, RESTAURANT, 8 CABINS
357	HALBERT L. & WILMA Z. DENSTORE		3369+23 NB RT	3373+00 NB RT	3.2A LA	NONE							Loss of Access (10.17A)
358	EDMUND G. & DOROTHY M. GOODWIN		3385+50 SB	3397+65 NB	13.1A								FISH POND
359	EMMANUEL O. & BARBARA R. TROTTER		3382+70 NB RT	3406+51 NB RT	22.8A LA	98.2A							DRAINAGE DRAINAGE DRAINAGE
360	MERTON K. BENNETT		3393+50 NB RT	3396+50 NB RT									WATER PIPE LINE
361	RAYMOND S. & HELEN E. NYMAN		3405+00 NB RT	3414+50 NB RT									HOUSE, SHED, GARAGE
362	PHILO T. & VIVIAN L. WITHINGTON & H. RUSSELL & RUTH M. DENING		3406+50 SB LT	3419+53 SB LT	14.7A LA	25.3A							Loss of Access (69.3A)
363	JOHN W. & LILLIAN M. WEBSTER		3408+40 SB	3414+50 NB RT									DRAINAGE DRAINAGE DRAINAGE DRAINAGE WATER PIPELINE
364	GEORGE L. & ANNE SMITH		3414+50 NB RT	3422+21 SB LT	4.0A LA	7.6A							SPRING
365	ELLENORTH L. & ELLA M. CHAPENTER		3420+25 NB RT	3444+65 NB RT	21.5A LA	139.5A							SPRING
366 A	EVERETT H. & LUELLA M. MILLER		3422+25 NB RT	3422+65 NB RT									WATER PIPELINE
367 A	ROBERT M. & EDNA E. COUTERMARSH		3427+00 ML LT	3430+50 ML RT									SPRING
368	MARK A. & SHIRLEY E. COUTERMARSH & ROBERT M. & EDNA E. COUTERMARSH		3430+50 ML RT	3435+05 ML RT									SPRING
369			3443+45 ML LT	3444+65 ML RT									SPRING
370			3445+75 ML RT	3456+15 ML RT									SPRING
371			3456+15 ML RT	3460+00 ML RT									SPRING
372			3460+00 ML RT	3462+00 ML RT									SPRING
373			3462+00 ML RT	3465+00 ML RT									SPRING
374			3465+00 ML RT	3470+00 ML RT									SPRING
375			3470+00 ML RT	3475+20 ML									SPRING
376			3475+20 ML	3480+00 ML RT									SPRING
377			3480+00 ML RT	3489+85 ML RT									SPRING
378			3489+85 ML RT	3494+85 ML RT									SPRING
379			3494+85 ML RT	3499+85 ML RT									SPRING
380			3499+85 ML RT	3502+41 ML RT									SPRING
381			3502+41 ML RT	3505+00 ML RT									SPRING
382			3505+00 ML RT	3509+02 ML LT									SPRING
383			3509+02 ML LT	3511+02 ML LT									SPRING
384			3511+02 ML LT	3513+26 ML LT									SPRING
385			3513+26 ML LT	3515+01 ML LT									SPRING
386			3515+01 ML LT	3517+30 ML									SPRING
387			3517+30 ML	3519+30 ML									SPRING
388			3519+30 ML	3521+30 ML									SPRING
389			3521+30 ML	3523+30 ML									SPRING
390			3523+30 ML	3525+30 ML									SPRING
391			3525+30 ML	3527+30 ML									SPRING
392			3527+30 ML	3529+30 ML									SPRING
393			3529+30 ML	3531+30 ML									SPRING
394			3531+30 ML	3533+30 ML									SPRING
395			3533+30 ML	3535+30 ML									SPRING
396			3535+30 ML	3537+30 ML									SPRING
397			3537+30 ML	3539+30 ML									SPRING
398			3539+30 ML	3541+30 ML									SPRING
399			3541+30 ML	3543+30 ML									SPRING
400			3543+30 ML	3545+30 ML									SPRING
401			3545+30 ML	3547+30 ML									SPRING
402			3547+30 ML	3549+30 ML									SPRING
403			3549+30 ML	3551+30 ML									SPRING
404			3551+30 ML	3553+30 ML									SPRING
405			3553+30 ML	3555+30 ML									SPRING
406			3555+30 ML	3557+30 ML									SPRING
407			3557+30 ML	3559+30 ML									SPRING
408			3559+30 ML	3561+30 ML									SPRING
409			3561+30 ML	3563+30 ML									SPRING
410			3563+30 ML	3565+30 ML									SPRING
411			3565+30 ML	3567+30 ML									SPRING
412			3567+30 ML	3569+30 ML									SPRING
413			3569+30 ML	3571+30 ML									SPRING
414			3571+30 ML	3573+30 ML									SPRING
415			3573+30 ML	3575+30 ML									SPRING
416			3575+30 ML	3577+30 ML									SPRING
417			3577+30 ML	3579+30 ML									SPRING
418			3579+30 ML	3581+30 ML									SPRING
419			3581+30 ML	3583+30 ML									SPRING
420			3583+30 ML	3585+30 ML									SPRING
421			3585+30 ML	3587+30 ML									SPRING
422			3587+30 ML	3589+30 ML									SPRING
423			3589+30 ML	3591+30 ML									SPRING
424			3591+30 ML	3593+30 ML									SPRING
425			3593+30 ML	3595+30 ML									SPRING
426			3595+30 ML	3597+30 ML									SPRING
427			3597+30 ML	3599+30 ML									SPRING
428			3599+30 ML	3601+30 ML									SPRING
429			3601+30 ML	3603+30 ML									SPRING
430			3603+30 ML	3605+30 ML									SPRING
431			3605+30 ML	3607+30 ML									SPRING
432			3607+30 ML	3609+30 ML									SPRING
433			3609+30 ML	3611+30 ML									SPRING
434			3611+30 ML	3613+30 ML									SPRING
435			3613+30 ML	3615+30 ML									SPRING
436			3615+30 ML	3617+30 ML									SPRING
437			3617+30 ML	3619+30 ML									SPRING
438			3619+30 ML	3621+30 ML									SPRING
439			3621+30 ML	3623+30 ML									SPRING
440			3623+30 ML	3625+30 ML									SPRING
441			3625+30 ML	3627+30 ML									SPRING
442			3627+30 ML	3629+30 ML									SPRING
443			3629+30 ML	3631+30 ML									SPRING
444			3631+30 ML	3633+30 ML									SPRING
445			3633+30 ML	3635+30 ML									SPRING
446			3635+30 ML	3637+30 ML									SPRING
447			3637+30 ML	3639+30 ML									SPRING
448			3639+30 ML	3641+30 ML									SPRING
449			3641+30 ML	3643+30 ML									SPRING
450			3643+30 ML	3645+30 ML									SPRING
451			3645+30 ML	3647+30 ML									SPRING
452			3647+30 ML	3649+30 ML									SPRING
453			3649+30 ML	3651+30 ML									SPRING
454			3651+30 ML	3653+30 ML									SPRING
455			3653+30 ML	3655+30 ML									SPRING
456			3655+30 ML	3657+30 ML									SPRING
457			3657+30 ML	3659+30 ML									SPRING
458			3659+30 ML	3661+30 ML									SPRING
459			3661+30 ML	3663+30 ML									SPRING
460			3663+30 ML	3665+30 ML									SPRING
461			3665+30 ML	3667+30 ML									SPRING
462			3667+30 ML	3669+30 ML									SPRING
463			3669+30 ML	3671+30 ML									SPRING
464			3671+30 ML	3673+30 ML									SPRING
465			3673+30 ML	3675+30 ML									SPRING
466			3675+30 ML	3677+30 ML									SPRING
467			3677+30 ML	3679+30 ML									SPRING
468			3679+30 ML	3681+30 ML									SPRING
469			3681+30 ML	3683+30 ML									SPRING
470			3683+30 ML	3685+30 ML									SPRING
471			3685+30 ML	3687+30 ML									SPRING
472			3687+30 ML	3689+30 ML									SPRING
473			3689+30 ML	3691+30 ML									SPRING
474			3691+30 ML	3693+30 ML									SPRING
475			3693+30 ML	3695+30 ML									SPRING
476			3695+30 ML	3697+30 ML									SPRING
477			3697+30 ML	3699+30 ML									SPRING
478			3699+30 ML	3701+30 ML									

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
(DETAIL SHEET)

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGIN. STATION	ENDING STATION	TAKING ±	REM. ±	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY	RECORDED	PG.	REMARKS
369A B	GEORGE N. & ANNA H. NOOD		3501+73 MLT 13+58 LT 15+80 75" H	3512+05 MLT 22+22 RT 3504+80 ML	6.3A LA 2.7A	63.0A	HOUSE & GARAGE WATER PIPELINE						
370A B	LOUISA F. SNASEY		3511+47 MLT 20+82 LT 26+00 RT 29+50 RT	3518+60 MLT 31+30 LT 31+30 LT 31+30 LT	2.4A LA 2.5A	53.6A	DRAINAGE DRAINAGE						
371	OSWALD & SADIE M. COUTURE		30+96 RT	32+55 RT	0.6A	NONE							HOUSE
372	CARL J. & JANICE M. COURTEMANCHE		3512+42 MLT 3513+06 RT	3520+44 MLT 3517+46	1.4A LA 1.4A		DRAINAGE						
373A B	ALVA B. WYMAN		3517+83 MLT 3517+28 MLT 3518+86 MLT	3524+60 MLT 3519+43 MLT 3519+50 MLT	1.0A LA 0.35A	5.65A	SEWER PIPELINE						
374	GORDON & BARBARA ROCKWOOD		3520+05 MLT	3521+20 MLT	NONE	2.4A	TEMPORARY FILL - 1700 SQ FT						
375A B C	CHARLES T. & MARGUERITE B. RICHARDSON, ETAL d/b/a LEMAX FARMS		3519+75 MLT 3520+11 MLT 3520+11 MLT 3526+50 MLT 3526+65 3530+00 MLT 3531+15 MLT 3530+00 MLT	3526+55 MLT 3523+00 MLT 3523+30 MLT 3523+30 MLT 3526+50 MLT 3526+50 MLT 3550+00 MLT 3551+15 MLT 3550+00 MLT	4.2A LA 11.0A LA	359.7A	TEMPORARY FILL - 0.6A DRIVE DITCH DRAINAGE DRAINAGE						Loss of Access (0.6A)
376	WILLIAM E. & BARBARA B. HOYT		3526+45 MLT 3530+00 MLT 3531+00 MLT 3531+50 MLT 3534+50 MLT 3536+50 MLT 3537+00 MLT 3540+00 MLT 3543+50 MLT	3526+55 MLT 3545+14 MLT 3530+00 MLT 3531+00 MLT 3531+50 MLT 3534+50 MLT 3536+50 MLT 3537+00 MLT 3540+00 MLT 3543+50 MLT	13.3A LA	20.6A	DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE						Loss of Access (13.9A)
377	JAMES A. & LULA I. WEST		3534+10 MLT 3533+15 MLT 3533+50 MLT	3535+16 MLT 3534+00 MLT 3533+50 MLT	1100 SQ FT LA	0.4A	SLOPE - 370 SQ FT SPRING						
378A B C D E	WILLIAM H. & EVELYN M. SMITH		3536+65 MLT 3543+75 MLT 3544+97 MLT 3545+14 MLT 3548+00 MLT 3558+25 MLT 3558+00 MLT 3558+50 MLT 3560+58 MLT 3565+76 MLT 3571+00 MLT 3572+00 MLT 3576+00 MLT 3582+00 MLT 3585+00 MLT 3585+00 MLT 3585+00 MLT	3544+97 MLT 3537+15 MLT 3550+00 MLT 3550+00 MLT 3558+25 MLT 3558+00 MLT 3558+50 MLT 3560+58 MLT 3565+76 MLT 3571+00 MLT 3572+00 MLT 3576+00 MLT 3582+00 MLT 3585+00 MLT 3585+00 MLT 3585+00 MLT	0.8A 3.7A LA 2.4A 17.6A LA 4.0A LA	359.5A	CULVERT DRAINAGE SPRING DRAINAGE SPRING DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE					Loss of Access (11.0A) Loss of Access (3.1A)	
379	NORTH HARTLAND WATER CO., INC.		3587+05 MLT 3587+05 MLT 3589+00 MLT 3589+50 MLT	3592+13 MLT 3592+38 MLT 3593+00 MLT 3593+50 MLT	0.6A LA 6.4A		DRAINAGE DRAINAGE DRAINAGE						
380A B	TOWN OF HARTFORD		3587+75 MLT 3670+20 MLT	3594+45 MLT 3652+08 MLT	NONE NONE	N/A N/A	ALL RT & L IN 0.7A TR #78 ALL RT & L IN 0.5A TR #76						

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
5		CHANGE OF OWNERSHIP PARCEL #374	8-27-63	BAT	J. L.
7	24	1.1 ACRES 2 OF PARCEL #376 SOLD. NEW PARCEL #331	9-14-64	CRAIGE	J. L.
13	17	PARCEL #378 ASG.O.E. DITCHING RIGHTS ADDED FOR CULVERT PER REQUEST BY CONSTRUCTION CHANGE.	5-14-65	MMO	J. L.

POOR ORIGINAL COPY

W. L. S. Jordan 8/20/63
W. L. S. Jordan 8/20/63

----- TAKING W/OUT ACQUISITION
----- TAKING W/ ACQUISITION
----- DRAINAGE RIGHTS
----- PRESENT R.O.W.

LEGEND

SR ----- SLOPE RIGHTS
P ----- PROPERTY LINE
L ----- 100 FT. IT
----- 100 FT. SLOPE

APPROVED: John D. Diller DATE: 8/20/63
APPROVED: W. L. S. Jordan DATE: 8/20/63
APPROVED: H. P. Kelley DATE: 8-20-63
ROCKINGHAM-WHITE RIVER JCT. I-91-1 (12)
HARTLAND-HARTFORD SECTION
Contract #1 ROW

OTHER: CULVERT EXTENSIONS
NB 3652+00 EXTEND WITH 18" X 4' ACCOMP 16 GA.

DRILLING AND BLASTING OF SOLID ROCK SUBGRADE
ITEM 114

REST AREA 7+00-11+67.6 ✓
TRUCK LANE 7+50- 8+75 ✓
ADDITIONAL NB 3643+32 3643+50 RT. ✓
ADDITIONAL NB 3646+50- 3651+25 RT. ✓
ADDITIONAL NB 3652+20- 3655+50 RT. ✓



SEP 11 1973

NORTHBOUND REST AREA
HARTLAND - HARTFORD

SURVEYED BY _____ DATE _____
DRAWN BY JKM DATE 11/85
TRACED BY AJA DATE 11/85

I 91-1(22) STAGE 1
PROJ. I NO. 91-1(31) STAGE 2

SHEET (5) OF 43

50A

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
ROADWAY PLANS
(DETAIL SHEET)

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	OWNER	BEGINNING STATION	ENDING STATION	TOTAL ±	AREA ±	REMARKS	TOWN OR CITY WHERE SITED	DATE ACQUIRED	REMARKS
381	ALBERT L. & HELEN B. LUCE	3591+52.00	3600+00.00	9.88 LA	400.2A	Loss of Access (5.4A±)			
		3592+00.00	3600+00.00			DRAINAGE CHANNEL - 70.30 FT			
382	NANCY BROWER	3602+50.00	3613+32.00	7.94 LA	62.1A	DRAINAGE DRAINAGE			
383	LEWIS CASP	3612+50.00	3613+32.00	3.24 LA	28.3A				
384	RAULPH GALLO, ETAL	3611+00.00	3621+70.00	3.54 LA	3.0A	Loss of Access (3.0A±)			
		3614+00.00	3616+50.00			DRAINAGE DRAINAGE			
385	HELEN P. ANDREWS	3617+50.00	3621+70.00	3.74 LA	12.3A				
386	LOUIS E. & MARGARET L. MAXFIELD	3620+00.00	3630+00.00	15.24 LA	65.8A	Loss of Access (29.2A±)			
		3620+00.00	3630+00.00						
387	TOWN OF HARTFORD, LESSOR	3630+00.00	3635+50.00	2.84 LA	15.2A				
388	TOWN OF HARTFORD, LESSOR	3635+50.00	3635+50.00	3.04 LA	17.0A				
389	WINSON C. & BERTHA C. BROWN	3641+40.00	3651+00.00	2.74 LA	410.9A	Loss of Access (11.2A±)			
390	WINSON C. & BERTHA C. BROWN	3650+00.00	3650+00.00	2.14 LA					
391	WILLIS D. DREW	3644+40.00	3651+00.00	3.64 LA	33.4A	DRAINAGE DRAINAGE			
392	TRUSTEES - DIOCESE OF VT. - LESSOR	3651+00.00	3652+00.00	7.04 LA	12.0A	DRAINAGE			
393	TRUSTEES - DIOCESE OF VT. - LESSOR	3650+40.00	3651+00.00	2.84 LA	36.6A				
394	WINSON C. & BERTHA C. BROWN	3650+00.00	3650+00.00	0.64 LA					
395	MRS. SKAYES D. WRIGHT	3662+00.00	3664+00.00	0.24 LA	209.7A				
396	LOUIS & KATHERINE R. MELISI	3677+40.00	3693+00.00	20.24 LA	50.8A	Loss of Access (11.1A±)			
		3681+50.00	3681+50.00			DRAINAGE DRAINAGE DRAINAGE			
397	VALLEY LAND CORP.	3714+00.00	3714+00.00	5.75 A±	NONE				
398	L.A. MURPHY, INC.	3717+50.00	3717+50.00	2.14 LA	11.0A				
399	MARY R. BISHOP ESTATE & B. GORDON M. BISHOP	3717+00.00	3717+00.00	6.44 LA	6.7A	THIS PARCEL FOR DIST. MAINTENANCE AREA Loss of Access (5.7A±)			
400	ARCHIE S. & LOUISE R. KINS	3716+00.00	3716+00.00	6.2A					
401	JOHN D. C. WHITE	3723+50.00	3723+50.00	2.75 A±	1.1A	ALL RTTY IN 16' ROW			
402	GORDON V. & VIOLET A. HADLOCK	3723+50.00	3723+50.00	2.2A±	NONE	TEMPORARY FILL - 1570 SQ. FT.			

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	BY	APPROVED BY
2		PAR. 288, 289, & 292 SOLD TO WINSON C. & BERTHA C. BROWN	2-13-67	ST-E	Wright
3		PARCEL 395 - AREA CORRECTED TO 5.75 A±	5-11-67	OG-B	RADIGAN
4		PARCEL 397, A/B AREAS CORRECTED TO 6.4 A±, PARCEL 'B' TO 6.2 A±, REM. TO 6.7 A± AND LOSS OF ACCESS TO 5.7 A±	5-13-67	ST-E	Wright
6		ADDED PARCEL X6B & CORRECTED PROPERTY LINE BETWEEN X6A & 396	9-10-67	BART	Wright

W.C. Linder 8/1/63
W.C. Linder 8/26/63

POOR ORIGINAL COPY

PRESENT R.O.M.

APPROVED: Robt. B. Weller 8/20/63
APPROVED: J. E. F. 8/22/63
APPROVED: H. E. 8/22/63
ROCKINGHAM-WHITE RIVER JCT. I-91-1(12)
HARTLAND-HARTFORD SECTION
Contract #1

ROW

6

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
(DETAIL SHEET)

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING ±	REMARKS	TITLE TAKEN	TOWN OR CITY RECORDED	BK	PG.	REMARKS
369A B	GEORGE W & ANNA H MOOD		3501+78MLR 3+59 L 15+40.78"R	3512+86MLR 22+22.87"R 3504+80ML	6.3A LA 2.7A	630A					HOUSE & GARAGE
370A B	LOUISA F SWASEY		3511+47MLR 20+82.67"R 26+00 R 29+50 R	3518+60MLR 31+30.27"R	2.4A LA 2.5A	536A					WATER PIPELINE DRAINAGE DRAINAGE
371 372	OSWALD & SADIE M COUTURE CHARLT & FANCE M COURTEMACHE		30+96MLR 3512+42MLR 3813+06R	32+55.67"R 3520+11MLR	0.6A 1.4A LA	NONE 1.4A					HOUSE
373A B	ALTA B WYMAN		3517+85MLR 3517+20MLR 3518+85MLR 3518+90MLR	3517+60MLR 3515+13MLR 3518+90MLR 3518+90MLR	1.0A LA 0.35A	563A					DRAINAGE
374 375A	GORDON & BARBARA KUCKWOOD CHARLES T & MARGUERITE B RICHARDSON ETAL 616 1/2 DEAN FARMS		3520+05MLR 3518+79MLR 3520+11MLR 3520+11MLR 3526+50MLR 3525+65	3521+20MLR 3526+55MLR 3523+00MLR 3523+30MLR 3526+50MLR 3526+50MLR	NONE 4.2A LA	2.4A 359.7A					SEWER PIPELINE TEMPORARY FILL - 1700360 TEMPORARY FILL 0.6A
B C			3525+65 3525+00MLR 3531+15MLR 3560+00MLR 3526+45MLR	3526+50MLR 3565+26MLR 3531+15MLR 3560+00MLR 3526+45MLR	11.0A LA						DRIVE DITCH DRAINAGE DRAINAGE
376	WILLIAM L & BARBARA B HOYT		3524+25MLR 3526+55MLR 3530+00MLR 3531+00MLR 3531+50MLR 3534+50MLR 3536+50MLR 3537+00MLR 3540+00MLR 3543+50MLR	3528+31MLR 3545+14MLR 3530+00MLR 3531+00MLR 3531+50MLR 3534+50MLR 3536+50MLR 3537+00MLR 3540+00MLR 3543+50MLR	0.1A LA 13.3A LA	206A					Loss of Access (0.6A) Loss of Access (13.9A)
377	JAMES R & LULA J WESS		3534+18MLR 3543+15MLR 3533+90MLR	3535+16MLR 3534+00MLR	100360 LA	0.4A					SLOPE - 370.30 FT SPRING
378A B C D E	WILLIAM H & EVELYN M SMITH		3536+165MLR 3543+75MLR 3544+31MLR 3545+14MLR 3548+00MLR 3558+25MLR 3550+00MLR 3565+50MLR 3560+50MLR 3565+20MLR 3571+00MLR 3572+00MLR 3576+00MLR 3582+00MLR 3565+00MLR	3544+97MLR 3543+75MLR 3551+15MLR 3550+00MLR 3548+00MLR 3558+25MLR 3550+00MLR 3571+90MLR 3565+50MLR 3587+95MLR 3586+45MLR 3571+00MLR 3572+00MLR 3576+00MLR 3582+00MLR 3565+00MLR	0.8A 3.7A LA 2.4A 17.6A LA	359.5A					CULVERT DRAINAGE SPRING DRAINAGE SPRING DRAINAGE DRAINAGE DRAINAGE
379	NORTH HARTLAND WATER Co., Inc		3585+00MLR 3587+95MLR 3587+95MLR 3589+00MLR 3589+50MLR	3591+97MLR 3592+38MLR 3592+38MLR 3592+38MLR	4.0A LA 0.6A LA	64A					DRAINAGE DRAINAGE
380A B	TOWN OF HARTFORD		3587+75MLR 3600+208MLR	3594+45MLR 3652+985MLR	NONE NONE	N/A N/A					ALL RT/IN 0.741 TR 10 ALL RT/IN 0.541 TR 10

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
5		CHANGE OF OWNERSHIP PARCEL # 374	8-27-69	BAT	
7	24	11 ACRES OF PARCEL # 376 SOLD. NEW PARCEL # 331	9-14-69	CRAIGE	

LEGEND

MADE BY: M. L. Gordon DATE 3/14/63
CHECKED BY: [Signature] DATE 8/20/63

/// --- ///	TAKING WITHOUT ACCESS
/// <u>P</u> --- ///	TAKING WITHOUT ACCESS ALONG PROPERTY LINES
--- ---	TAKING WITH ACCESS
PRESENT R.O.W	

Diagram illustrating a cross-section of a slope with various features and labels:

- SR**: Slope Right
- P**: Property Line
- Δ**: Top of Cut
- : Top of Slope

APPROVED: [Signature] DATE 8/22/08
 PROJECT SUPERVISOR
 APPROVED: [Signature] DATE 8/22/08
 UNIT LEADER
 APPROVED: [Signature] DATE 8/22/08
 W.D. DIRECTOR
 ROCKINGHAM WHITE RIVER JCT. I-95-162
 HARTLAND-HARTS CND SECTION
 SHEET 3 OF 3 SHEETS

Sheet 3 of 3 Sheets
Continued Row

SPECIAL DITCH, ITEM 101-A

REST AREA 2+50-3+25 RT
TRUCK LANE 7+00-8+62 LT

* GRANITE SLOPE EDGING, ITEM 556-A

SB REST AREA 1+35-1+85 LT
SB 3639+66-3640+16 LT

Bituminous Concrete Surface
1/2" Thick, 1 1/2" Deep
Subgrade: 1/2" Thick, 1 1/2" Deep
Truck Lane: 1/2" Thick, 1 1/2" Deep

1/2" Thick, 1 1/2" Deep
Subgrade: 1/2" Thick, 1 1/2" Deep
Truck Lane: 1/2" Thick, 1 1/2" Deep

PROPERTY LINE FENCE W/STEEL POSTS,
ITEM 583-B

SB REST AREA 1+84-11+40 RT
DELETE SB 3631+95-3635+00 LT
DELETE SB 3639+00-3640+00 LT



* DENOTES STAGE 2 CONSTRUCTION

SEP 11 1973

SOUTHBOUND REST AREA

HARTLAND - HARTFORD

SURVEYED BY	DATE
DRAWN BY	DATE
TRACED BY	DATE
PROJ. I	NO. 91-1 (31)
SHEET	7 OF 43

508

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
(DETAIL SHEET)

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING ±	REM ±	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	JK.	PG.	REMARKS
381	ALBERT L. & HELEN B. LUCE		3591+58.44L	3609+35.44R	9.84 LA	400.2A							LOSS OF ACCESS (5.44A)
			3592+38.44L	3602+50.44L			DRAINAGE CHANNEL - 70.50 FT						
382	NANCY BROWER		3602+50.44L	3613+32.48R	7.94 LA	62.1A							DRAINAGE
			3609+00.44L				DRAINAGE						
			3612+50.44L				DRAINAGE						
383	LEWIS CARO		3612+75.84L	3618+80.48R	3.24 LA	22.3A							
384	RALPH GALLO, ETAL		3611+00.44L	3621+78.48R	3.54 LA	3.0A							LOSS OF ACCESS (3.0A)
			3614+00.48R				DRAINAGE						
			3616+50.48R				DRAINAGE						
385	VALLEY FARMERS		3617+53.58L	3623+04.58L	3.74 LA	17.3A							
386	LOUISE & MARGARET L. MAXFIELD		3620+98.48R	3639+95.48L	15.24 LA	83.8A							LOSS OF ACCESS (29.2A)
			3620+98.48L	3639+40.48R									
387	TOWN OF HARTFORD, LESSOR		3638+57.48L	3645+90.38L	2.84 LA	15.2A							
	LOUIS F. MARGARET MAXFIELD, LESSEE												
388	TOWN OF HARTFORD, LESSOR		3638+40.48L	3645+82.58L	3.04 LA	17.0A							
	WINNIE L. & BERTHA C. BROWN												
389A	WINNIE L. & BERTHA C. BROWN		3644+44.44L	3651+82.58R	2.74 LA	57.2A							
			3660+73.48L	3680+93.58L	20.14 LA								LOSS OF ACCESS (11.2A)
			3664+34.58L	3680+93.58L									
			3666+00.58L				DRAINAGE						
390	WILLIS D. DREN		3644+48.48R	3651+82.58L	3.04 LA	53.4A							DRAINAGE
			3650+50.58L				DRAINAGE						
391	TRUSTEES, DIOCESE OF VT. - LESSOR		3651+82.58L	3662+03.58L	7.04 LA	19.0A							DRAINAGE
	KENNIS D. DREN, LESSEE												
392A	TRUSTEES, DIOCESE OF VT. LESSOR		3650+49.48R	3655+80.48R	2.84 LA	36.6A							
	WINNIE L. & BERTHA C. BROWN		3656+50.48R	3660+73.48R	0.54 LA								
392	MRS. SEARLES, HIGHT AND DAVIDSON		3662+03.58L	3664+34.58L	0.34 LA	409.7A							
394	LOUIS & KATHERINE R. MELISI		3677+40.48R	3693+63.58L	20.24 LA	50.8A							LOSS OF ACCESS (11.1A)
			3677+40.48L	3693+63.58L									
			3682+50.58L				DRAINAGE						
			3684+00.58L				DRAINAGE						
			4+50.0 BARE				DRAINAGE						
395	VALLEY LAKE CAMP		3714+05.48R	3718+48.24L	5.75A	NONE							
396	LA WHISKEY, INC.		3717+65.58L	3723+35.58L	2.14 LA	11.0A							
397A	MARY R. BETHUNE ESTATE & GORDON H. BETHUNE		3717+82.48R	46+54.0358L	6.44 LA	6.7A							THIS PARCEL FOR DIST. HARTFORD AREA
			3716+80.48R	6+57.48R	5.2A								LOSS OF ACCESS (5.7A)
			3716+38.48R	3724+68.48R									
398	ARCHIE S. & LONA B. KING		4000+50.48R	6+50.48R	NONE	3.0A	ALL RT. IN 16' ROW						
399	JOHN D. WHITE		3523+57.48L	3524+85.48L	27.50 LA	1.1A							
			3521+00.48L	3523+00.48L			TEMPORARY FILL - 1500 SQ. Y.						
400	GENNARD W. & VIVIAN M. HADLOCK		3724+24.58L	3724+24.58L	2.2A	NONE							

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
2		PAR. 388, 389, & 392 SOLD TO WINNIE L. & BERTHA C. BROWN	1-13-64	STF	
3		PARCEL "395" AREA CORRECTED TO 5.75 A.	5-11-64	DGB	PADGAN
4		PARCEL "397, A1B AREAS CORRECTED. PARCEL A TO 6.4 A2, PARCEL B TO 6.2 A2, REM. TO 6.7 A+ AND LOSS OF ACCESS TO 5.7 A2	5-13-64	STF	
6		ADDED PARCEL NO. 6 & DETERMINED PROPERTY LINE BETWEEN X6A & 396	7-10-64	BAT	

LEGEND

MADE BY: J. J. [Signature] DATE: 8/14/63
CHECKED BY: J. J. [Signature] DATE: 8/22/63

--- TAKING WITHOUT ACCESS
--- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
--- TAKING WITH ACCESS
--- PRESENT R.O.W.

SR SR SLOPE RIGHTS
P L PROPERTY LINE
Δ Δ TOP OF CUT
O O TOE OF SLOPE

APPROVED: [Signature] DATE: 8/20/63
APPROVED: [Signature] DATE: 7/11/63
APPROVED: [Signature] DATE: 7/11/63
ROCKINGHAM-WHITE RIVER JOY. I-21-1121
HARTLAND-HARTFORD SECTION
SHEET 340 OF 340 SHEETS

ROW 8

* THREE CABLE GUARD RAIL W/
STEEL POSTS - ITEM 543, 542
3232+00 - 3239+00 NB RT
3232+42 - 3239+00 SB-LT

* BITUMINOUS CONCRETE CURB
ITEM 555
3233+50 - 3239+00 SB-LT

* STAGE 2 CONSTRUCTION

DEMOLITION / REMOVAL OF BUILDING
ITEM 586
3231+30 SB-LT SHED
3231+00 SB-LT SAWMILL

SUB-BASE OF SAND, ITEM 207
3223+60 - 3231+20 NB

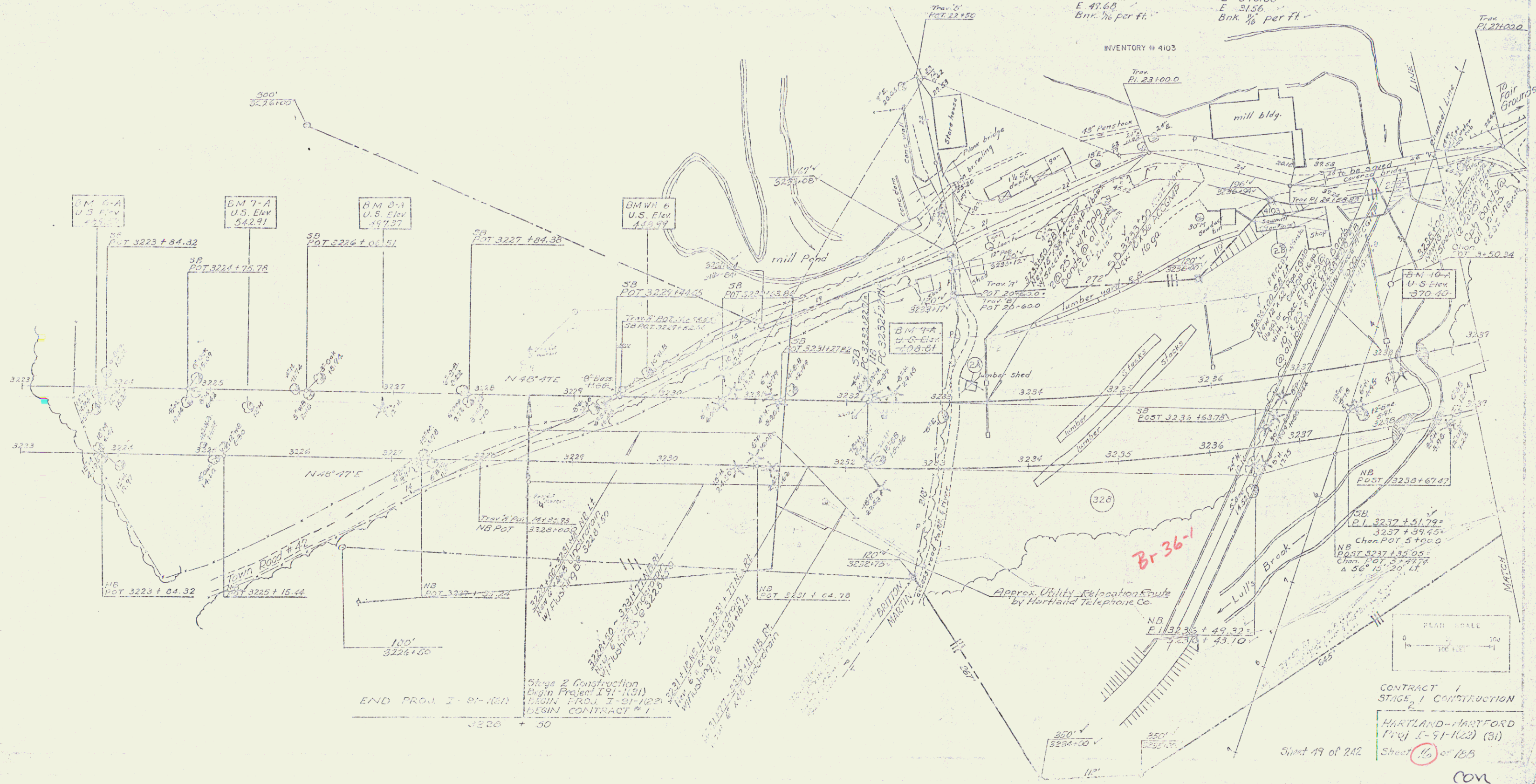
PROPERTY LINE FENCE ITEM 563 B
3223+00 - 3231+00 SB-LT
3226+00 - 3234+00 NB RT

CONTROL OF ACCESS COMPLETE ON THIS SHEET

SB
Δ 21° 27' 45" LT
D 2° 03' 11"
R 2750.83
T 522.80
L 1015.42
E 47.68
Bnk 1/8 per ft.

NB
Δ 16° 55' 55" LT
D 2° 00' 00"
R 2864.79
T 426.41
L 846.60
E 31.56
Bnk 1/8 per ft.

Conc Arch Culvert Designed
by Bridge Dept.
See Sheets Br. 100 thru Br. 115
for Details



Standard 8" x 11" x 1/4" RAIL
W/SHAW POSTS - ITEM 542
3239+00 - 3242+24 NB-RT
3239+00 - 3241+68 SB-LT

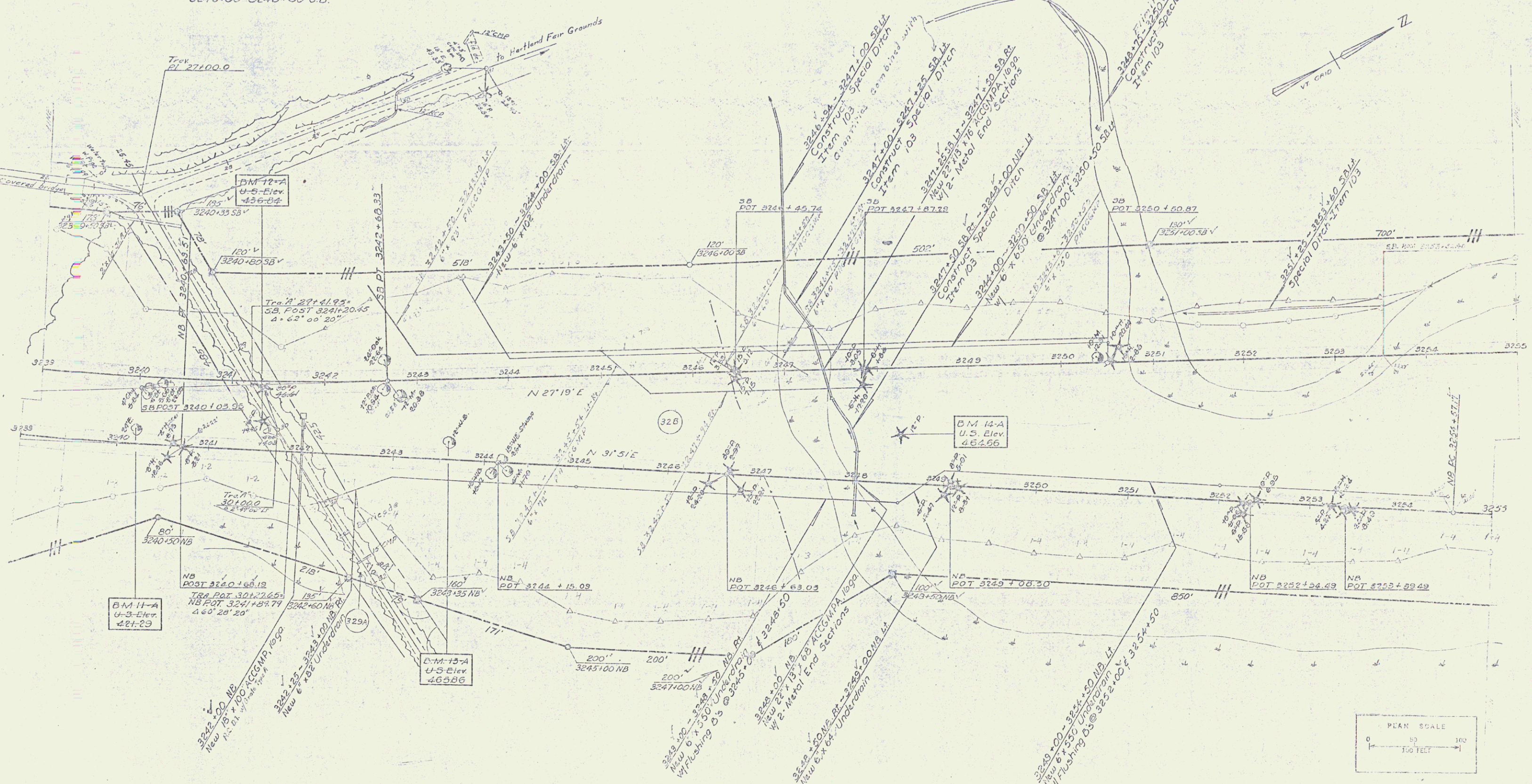
THREE CALLE GUARD RAIL W/
STEEL POSTS - ITEM 542
3239+00 - 3242+24 NB-RT
3239+00 - 3241+68 SB-LT
DRILLING & BLASTING OF SOLID ROCK
SUBGRADE, MCD - ITEM 114
3242+00 - 3243+50 SB
3244+50 - 3245+50 NB
3246+50 - 3248+50 SB

* BITUMINOUS CONCRETE CURB
ITEM 555
3239+00 - 3241+25 SB-LT
* STAGE 2 CONSTRUCTION

SUB-BASE OF SAND, ITEM 202
3242+90 - 3254+75 NB
3243+75 - 3250+75 SB
PROPERTY LINE FENCE ITEM 553-B
3245+80 - 3255+00 SB-LT
3247+75 - 3255+00 NB-RT

MUCK EXCAVATION, ITEM 116
3250+75 - 3254+25 SB

JUTE MATTING ITEM 623
3242+00 - 3250+50 SB-LT
3246+50 - 3251+00 SB-RT
3243+50 - 3246+00 NB-RT
3244+50 - 3251+00 NB-LT
3247+75 - 3250+50 NB-RT



CONTROL OF ACCESS COMPLETE
ON THIS SHEET

CONTRACT 1
STAGE 2 CONSTRUCTION
HARTLAND-HARTFORD
Proj. 1-91-122 (31)
Sheet 17 of 106

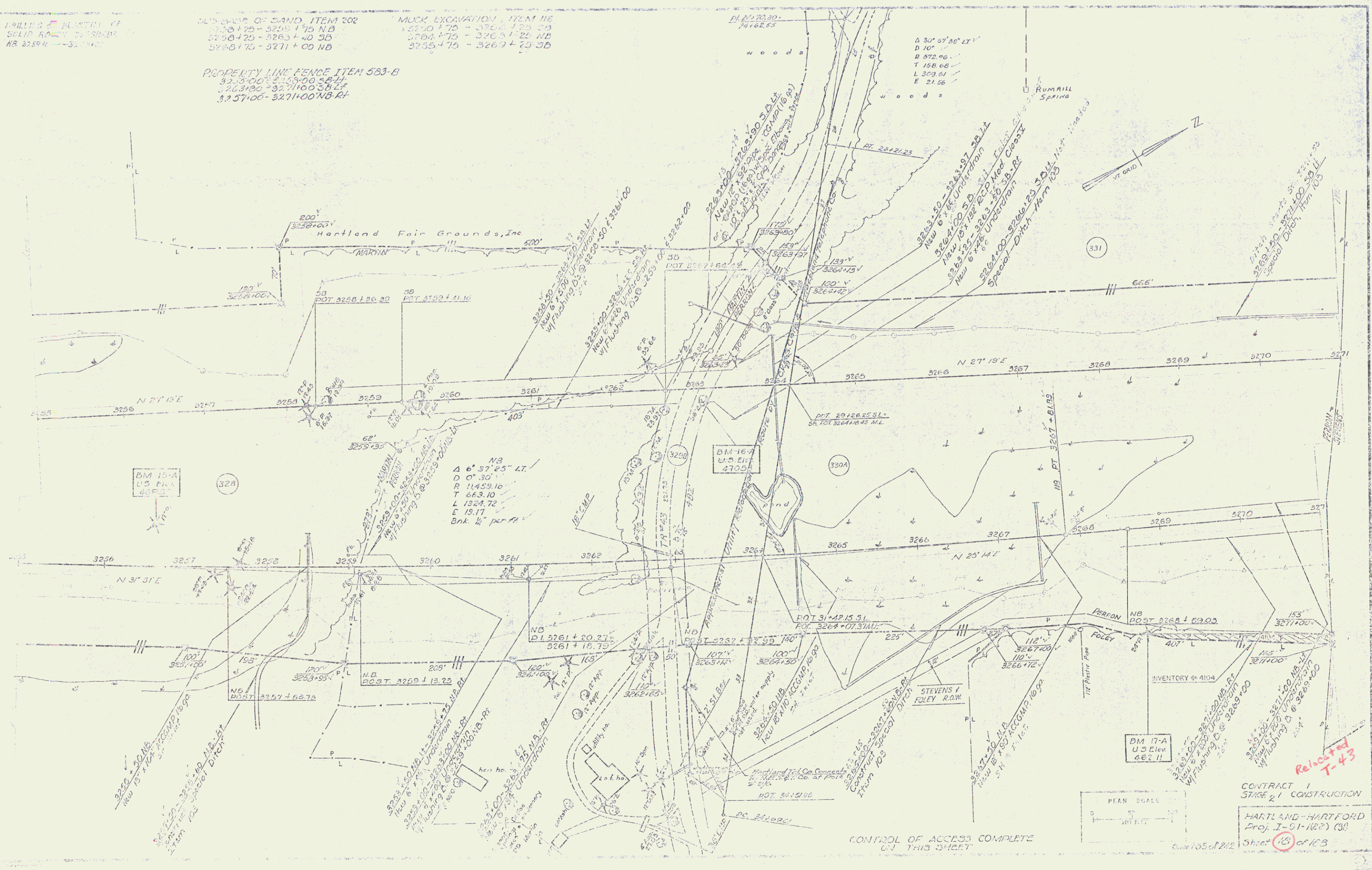
Con
10

1/4" = 1' HORIZONTAL
1" = 10' VERTICAL
N.B. 3259.4 - 3260.0

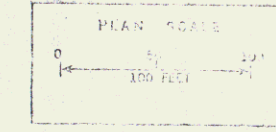
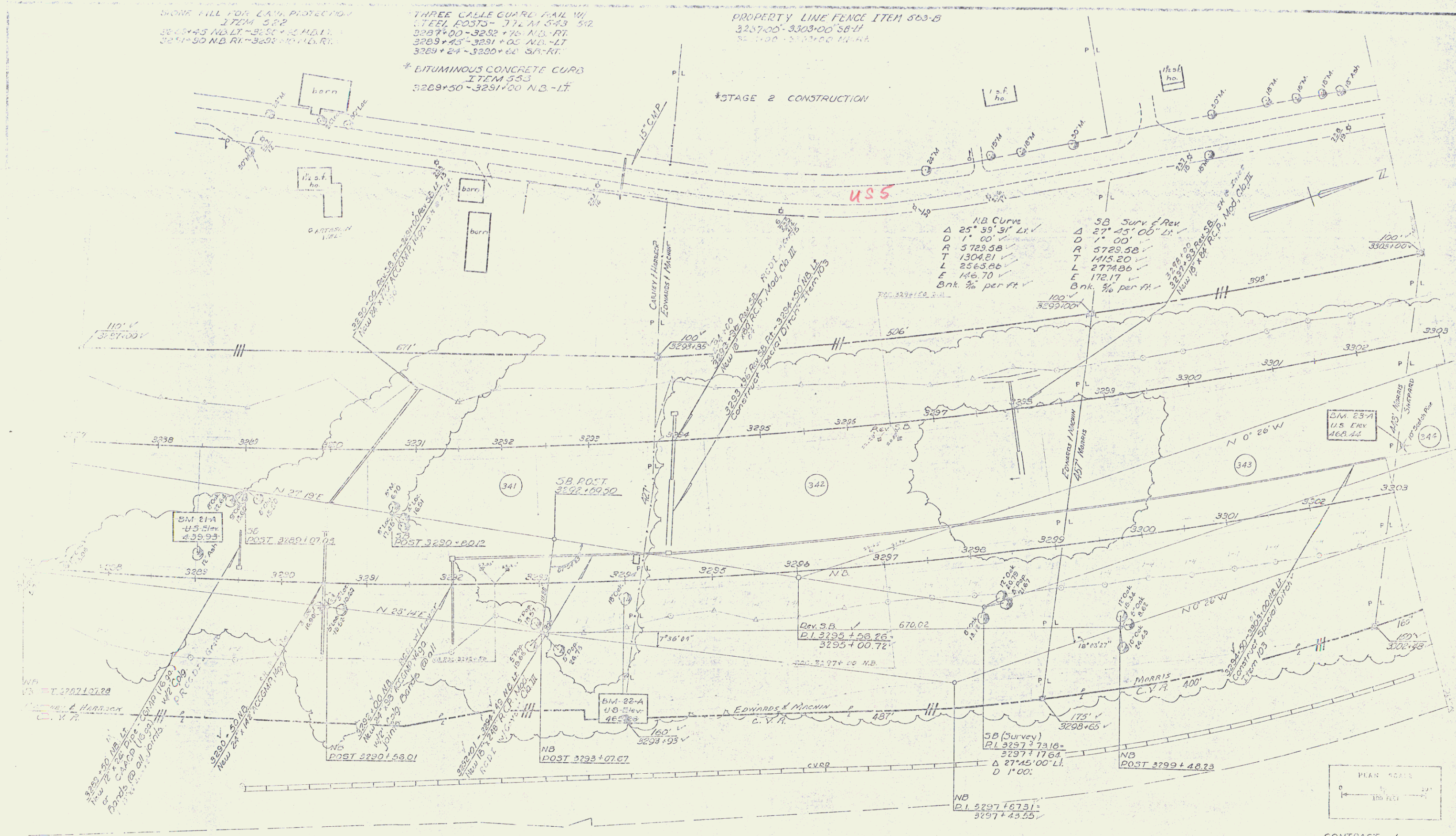
OLD 30' OF SAND, ITEM 302
3258.75 - 3259.75 N.B.
3258.75 - 3263.40 S.B.
3263.40 - 3271.00 N.B.

MUCK EXCAVATION, ITEM 116
3270.75 - 3271.25 S.B.
3271.25 - 3276.75 N.B.
3276.75 - 3281.25 S.B.

PROPERTY LINE FENCE ITEM 553-B
3251.00 - 3258.00 S.B.
3258.00 - 3271.00 S.B.
3271.00 - 3271.00 N.B.



CONTRACT 1
STAGE 2 CONSTRUCTION
HARTLAND-HARTFORD
Proj. I-91-102 (3)
Sheet 15 of 163
Date 05/21/02



CONTRACT 1
STAGE 1 CONSTRUCTION
HARTLAND-HARTFORD
Proj. I-91-122(01)
Sheet 20 of 128
Sheet 57 of 262

POOR ORIGINAL COPY

CONTROL OF ACCESS COMPLETE
ON THIS SHEET

PLAN SCALE

0 50 100 FEET

Stage 2 Construction

CONTRACT 1

STAGE 1 CONSTRUCTION

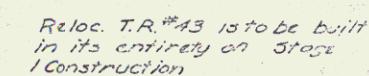
HARTLAND-HARTFORD

Proj. I-91 A221 (31)

Sheet 21 of 108

Sheet 503 of 142

Construct Drive
TR 43, Labor 0.75 RT - 5.00 RT
ROW Bid Item
Bulldozer Rental, Item 119



Stage 1 Construction

HARTLAND - HARTFORD

Contract 1

Sheet 22 of 128

INDEX OF SHEETS

Sheet No.	Title Page
1	Alignment Sheet
2	General Cross Section
3	Detail of Shoulder
4	Quantity Sheet - Items
5	Item Detail and Drainage Sheet
6	Earthwork
7	Plan & Profile
8	General Plan and Elevation Sheet over 191
9	Quantity Sheet
10	Profile & Typical
11	03-11 Lager Springs
12	05 Casing Workings
13	06 Framing Plans
14	07 Typical Section, Rail and Granite Corp. Length
15	08 Details of Abutment No. 1
16	09 Details of Abutment No. 2 Exposed End
17	10 Details of Abutment No. 2 Wing Walls
18	11 Pier No. 1 Layout Details
19	12 Pier No. 1 Reinforcing Steel
20	13 Pier No. 2 Layout Details
21	14 Pier No. 2 Reinforcing Steel
22	15 Pier No. 3 Layout Details
23	16 Pier No. 3 Reinforcing Steel
24	17 Pier No. 4 Layout Details
25	18 Pier No. 4 Reinforcing Steel
26	19 Details of Approach Slab #1
27	20 Details of Approach Slab #2
28	21-22 Reinforcing Steel Schedule
29	23 Plan and Elevation - Open Culvert
30	24 Bridge Deck
31	25-26-27
32	28-29-30-31
33	32-33-34 Details A, B, C
34	35-36-37 Details A, B, C, D, E
35	38-39-40
36	41-42 Details A, B, D, E
37	43-44 Details A, B, D, E
38	45-46 Details A
39	47-48 Details A
40	49-50-51-52 Sheet A, B, C, D
41	53-54 Tunnel for Slopes to Solid Rock Excavation-Drilling & Blasting
42	55-56
43	57-58
44	59-60
45	61-62
46	63-64
47	65-66
48	67-68
49	69-70
50	71-72
51	73-74
52	75-76
53	77-78
54	79-80
55	81-82
56	83-84
57	85-86
58	87-88
59	89-90
60	91-92
61	93-94
62	95-96
63	97-98
64	99-100
65	101-102
66	103-104
67	105-106
68	107-108
69	109-110
70	111-112
71	113-114
72	115-116
73	117-118
74	119-120
75	121-122
76	123-124
77	125-126
78	127-128
79	129-130
80	131-132
81	133-134
82	135-136
83	137-138
84	139-140
85	141-142
86	143-144
87	145-146
88	147-148
89	149-150
90	151-152
91	153-154
92	155-156
93	157-158
94	159-160
95	161-162
96	163-164
97	165-166
98	167-168
99	169-170
100	171-172
101	173-174
102	175-176
103	177-178
104	179-180
105	181-182
106	183-184
107	185-186
108	187-188
109	189-190
110	191-192
111	193-194
112	195-196
113	197-198
114	199-200
115	201-202
116	203-204
117	205-206
118	207-208
119	209-210
120	211-212
121	213-214
122	215-216
123	217-218
124	219-220
125	221-222
126	223-224
127	225-226
128	227-228
129	229-230
130	231-232
131	233-234
132	235-236
133	237-238
134	239-240
135	241-242
136	243-244
137	245-246
138	247-248
139	249-250
140	251-252
141	253-254
142	255-256
143	257-258
144	259-260
145	261-262
146	263-264
147	265-266
148	267-268
149	269-270
150	271-272
151	273-274
152	275-276
153	277-278
154	279-280
155	281-282
156	283-284
157	285-286
158	287-288
159	289-290
160	291-292
161	293-294
162	295-296
163	297-298
164	299-300
165	301-302
166	303-304
167	305-306
168	307-308
169	309-310
170	311-312
171	313-314
172	315-316
173	317-318
174	319-320
175	321-322
176	323-324
177	325-326
178	327-328
179	329-330
180	331-332
181	333-334
182	335-336
183	337-338
184	339-340
185	341-342
186	343-344
187	345-346
188	347-348
189	349-350
190	351-352
191	353-354
192	355-356
193	357-358
194	359-360
195	361-362
196	363-364
197	365-366
198	367-368
199	369-370
200	371-372
201	373-374
202	375-376
203	377-378
204	379-380
205	381-382
206	383-384
207	385-386
208	387-388
209	389-390
210	391-392
211	393-394
212	395-396
213	397-398
214	399-400
215	401-402
216	403-404
217	405-406
218	407-408
219	409-410
220	411-412
221	413-414
222	415-416
223	417-418
224	419-420
225	421-422
226	423-424
227	425-426
228	427-428
229	429-430
230	431-432
231	433-434
232	435-436
233	437-438
234	439-440
235	441-442
236	443-444
237	445-446
238	447-448
239	449-450
240	451-452
241	453-454
242	455-456
243	457-458
244	459-460
245	461-462
246	463-464
247	465-466
248	467-468
249	469-470
250	471-472
251	473-474
252	475-476
253	477-478
254	479-480
255	481-482
256	483-484
257	485-486
258	487-488
259	489-490
260	491-492
261	493-494
262	495-496
263	497-498
264	499-500
265	501-502
266	503-504
267	505-506
268	507-508
269	509-510
270	511-512
271	513-514
272	515-516
273	517-518
274	519-520
275	521-522
276	523-524
277	525-526
278	527-528
279	529-530
280	531-532
281	533-534
282	535-536
283	537-538
284	539-540
285	541-542
286	543-544
287	545-546
288	547-548
289	549-550
290	551-552
291	553-554
292	555-556
293	557-558
294	559-560
295	561-562
296	563-564
297	565-566
298	567-568
299	569-570
300	571-572
301	573-574
302	575-576
303	577-578
304	579-580
305	581-582
306	583-584
307	585-586
308	587-588
309	589-590
310	591-592
311	593-594
312	595-596
313	597-598
314	599-600
315	601-602
316	603-604
317	605-606
318	607-608
319	609-610
320	611-612
321	613-614
322	615-616
323	617-618
324	619-620
325	621-622
326	623-624
327	625-626
328	627-628
329	629-630
330	631-632
331	633-634
332	635-636
333	637-638
334	639-640
335	641-642
336	643-644
337	645-646
338	647-648
339	649-650
340	651-652
341	653-654
342	655-656
343	657-658
344	659-660
345	661-662
346	663-664
347	665-666
348	667-668
349	669-670
350	671-672
351	673-674
352	675-676
353	677-678
354	679-680
355	681-682
356	683-684
357	685-686
358	687-688
359	689-690
360	691-692
361	693-694
362	695-696
363	697-698
364	699-700
365	701-702
366	703-704
367	705-706
368	707-708
369	709-710
370	711-712
371	713-714
372	715-716
373	717-718
374	719-720
375	721-722
376	723-724
377	725-726
378	727-728
379	729-730
380	731-732
381	733-734
382	735-736
383	737-738
384	739-740
385	741-742
386	743-744
387	745-746
388	747-748
389	749-750
390	751-752
391	753-754
392	755-756
393	757-758
394	759-760
395	761-762
396	763-764
397	765-766
398	767-768
399	769-770
400	771-772
401	773-774
402	775-776
403	777-778
404	779-780
405	781-782
406	783-784
407	785-786
408	787-788
409	789-790
410	791-792
411	793-794
412	795-796
413	797-798
414	799-800
415	801-802
416	803-804
417	805-806
418	807-808
419	809-810
420	811-812
421	813-814
422	815-816
423	817-818
424	819-820
425	821-822
426	823-824
427	825-826
428	827-828
429	829-830
430	831-832
431	833-834
432	835-836
433	837-838
434	839-840
435	841-842
436	843-844
437	845-846
438	847-848
439	849-850
440	851-852
441	853-854
442	855-856
443	857-858
444	859-860
445	861-862
446	863-864
447	865-866
448	867-868
449	869-870
450	871-872
451	873-874
452	875-876
453	877-878
454	879-880
455	881-882
456	883-884
457	885-886
458	887-888
459	889-890
460	891-892
461	893-894
462	895-896
463	897-898
464	899-900
465	901-902
466	903-904
467	905-906
468	907-908
469	909-910
470	911-912
471	913-914
472	915-916
473	917-918
474	919-920
475	921-922
476	923-924
477	925-926
478	927-928
479	929-930
480	931-932
481	933-934
482	935-936
483	937-938
484	939-940
485	941-942
486	943-944
487	945-946
488	947-948
489	949-950
490	951-952
491	953-954
492	955-956
493	957-958
494	959-960
495	961-962
496	963-964
497	965-966
498	967-968
499	969-970
500	971-972
501	973-974
502	975-976
503	977-978
504	979-980
505	981-982
506	983-984
507	985-986
508	987-988
509	989-990
510	991-992
511	993-994
512	995-996
513	997-998
514	999-1000

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT
INTERSTATE PROJECT

① N.B. Curve
 $\Delta 25^{\circ} 59' 31''$ Lt
 $D 1^{\circ} 00' 00''$
 $R 5729.53$
 $T 1304.61$
 $L 2365.06$
 $E 146.53$
 $Bnt. \frac{3}{16}''$ per ft

② S.B. Curve
 $\Delta 27^{\circ} 43' 00''$ Lt
 $D 1^{\circ} 00' 00''$
 $R 5729.53$
 $T 1415.20$
 $L 2774.66$
 $E 172.17$
 $Bnt. \frac{3}{16}''$ per ft

③ N.B. Curve
 $\Delta 5^{\circ} 01' 12''$ Lt
 $D 0^{\circ} 30' 00''$
 $R 11473.16$
 $T 502.32$
 $L 1107.00$
 $E 11.00$
 $Bnt. \frac{1}{16}''$ per ft

④ S.B. Curve
 $\Delta 91^{\circ} 53' 40''$ Lt
 $D 1^{\circ} 00' 00''$
 $R 5729.53$
 $T 495.96$
 $L 939.43$
 $E 214.6$
 $Bnt. \frac{3}{16}''$ per ft

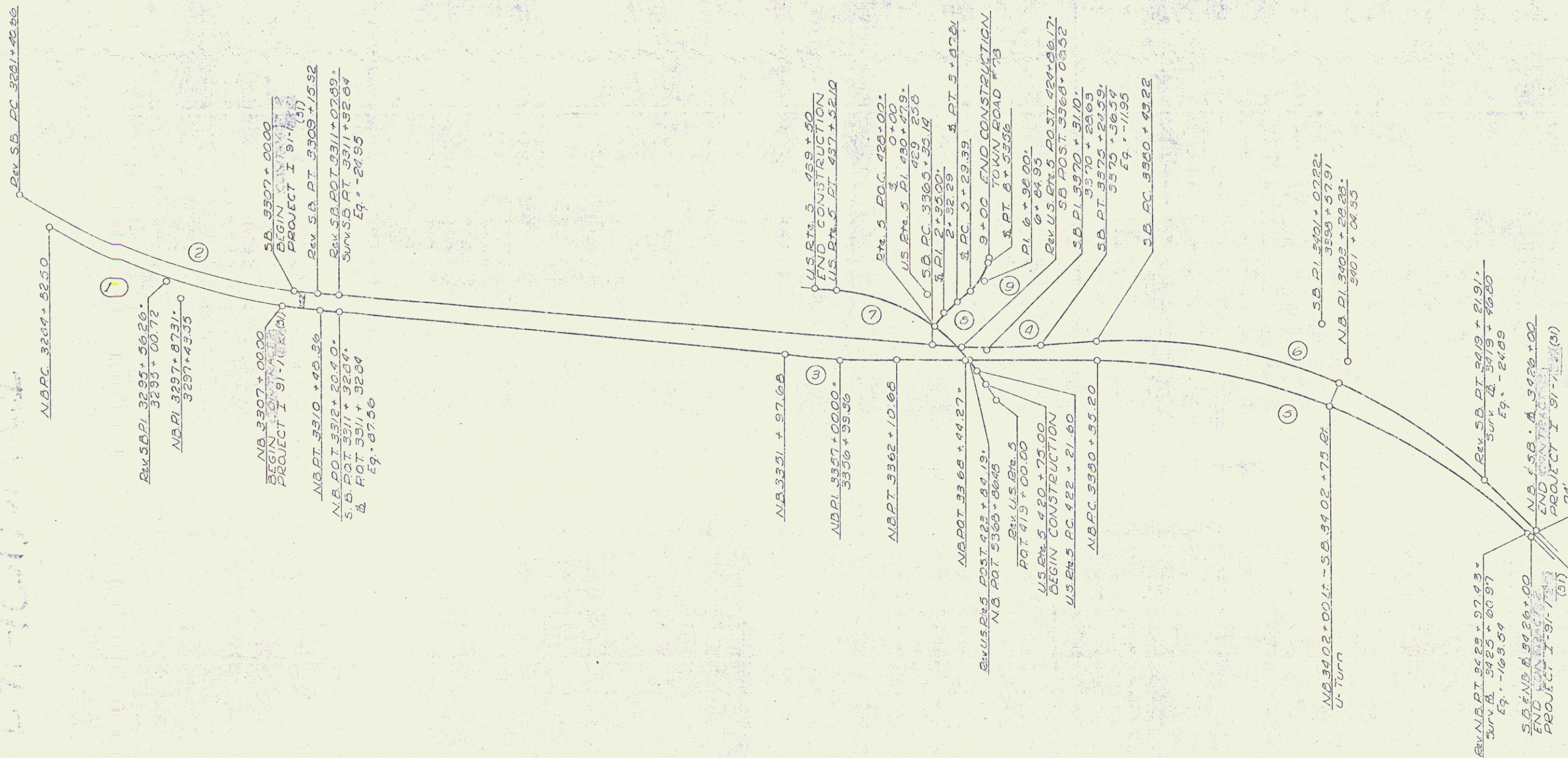
⑤ N.B. Curve
 $\Delta 43^{\circ} 57' 00''$ Rt
 $D 1^{\circ} 00' 00''$
 $R 5729.53$
 $T 2295.03$
 $L 4562.23$
 $E 401.52$
 $Bnt. \frac{3}{16}''$ per ft

⑥ S.B. Curve
 $\Delta 40^{\circ} 25' 01''$ Rt
 $D 1^{\circ} 15' 00''$
 $R 4533.66$
 $T 2064.00$
 $L 3678.69$
 $E 443.27$
 $Bnt. \frac{1}{16}''$ per ft

⑦ U.S. Rt. 5 Curve
 $\Delta 53^{\circ} 34' 00''$ Lt
 $D 3^{\circ} 30' 00''$
 $R 1637.02$
 $T 826.32$
 $L 1530.43$
 $E 196.73$
 $Bnt. \frac{1}{16}''$ per ft

⑧ T.D. #78 Curve
 $\Delta 18^{\circ} 30' 00''$ Rt
 $D 6' 00' 00''$
 $R 954.93$
 $T 155.52$
 $L 308.53$
 $E 12.30$
 $Bnt. \frac{1}{16}''$ per ft

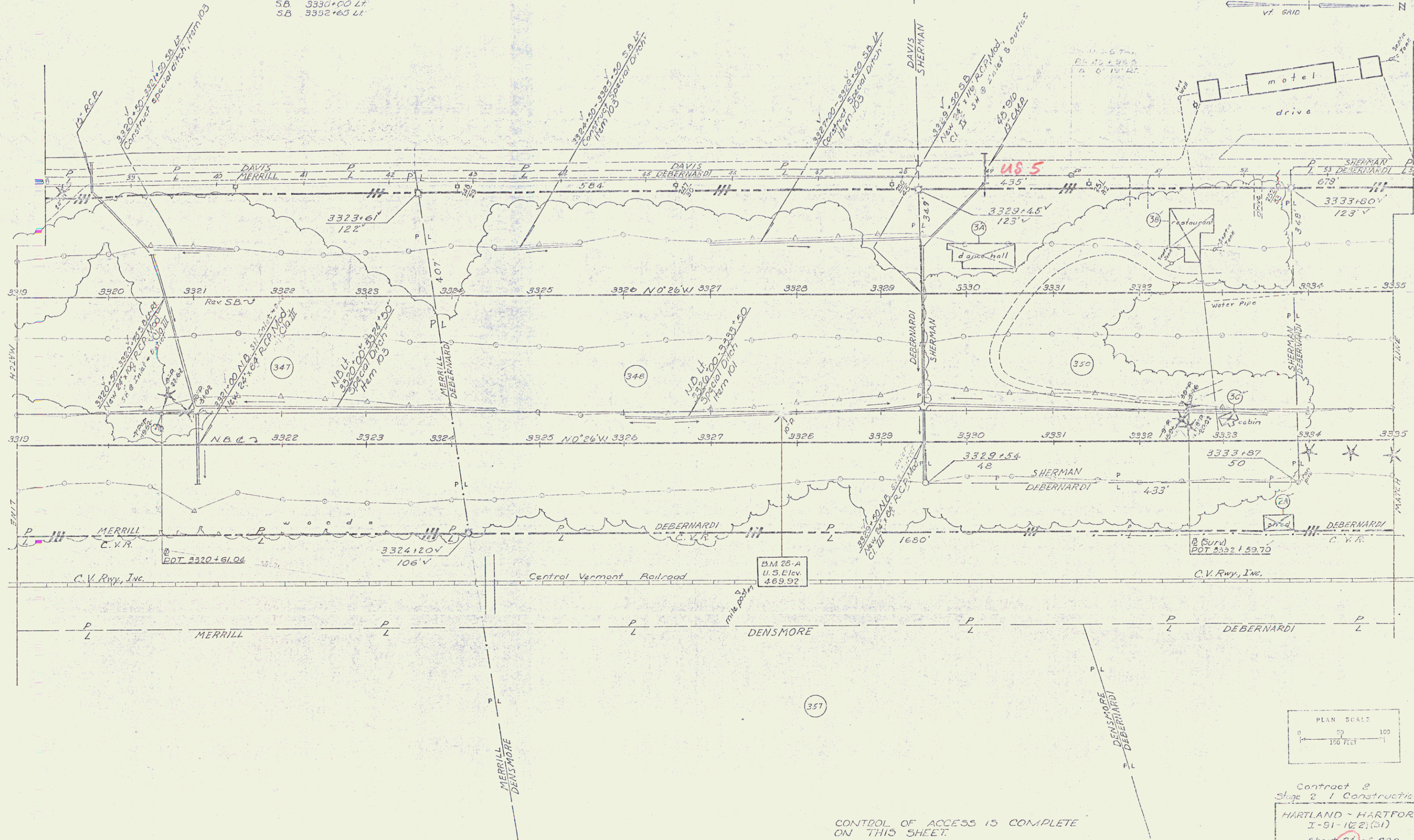
⑨ T.D. #78 Curve
 $\Delta 58^{\circ} 34' 00''$ Lt
 $D 12^{\circ} 00' 00''$
 $R 477.47$
 $T 168.61$
 $L 324.17$
 $E 28.90$
 $Bnt. \frac{3}{16}''$ per ft



DEMOLITION and REMOVAL
of BUILDINGS, Item 500
N.B. 3333+00 LT.
N.B. 3333+65 RT.
S.B. 3330+00 LT.
S.B. 3332+65 LT.

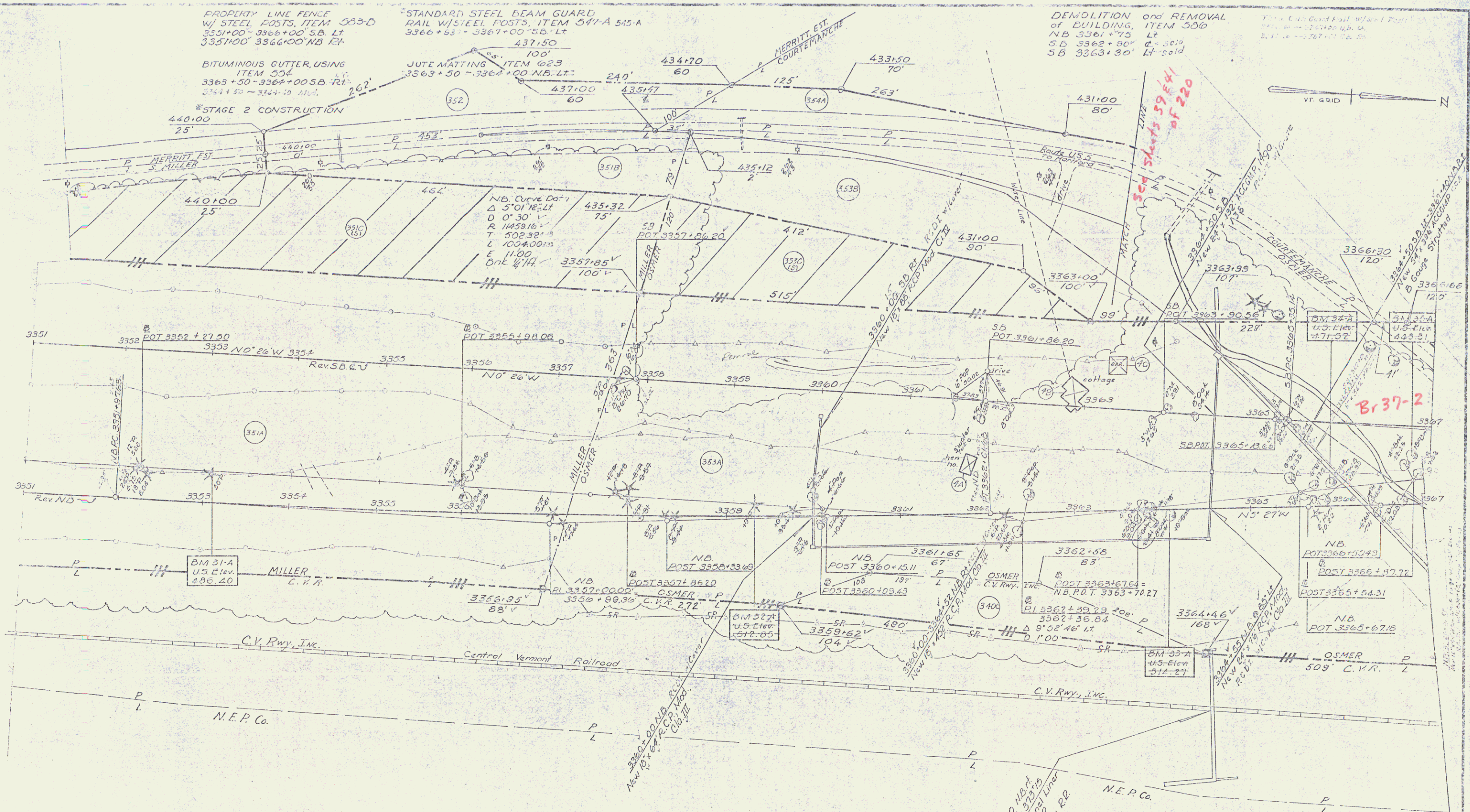
PROPERTY LINE FENCE
W/STEEL POSTS, ITEM 333-D
S.B. 3319+00-3335+00 LT.
N.B. 3319+00-3335+00 RT.

JUTE MATTING, ITEM 623
3320+50-3321+00 N.B. LT.
3329+00-3330+00 N.B. LT.



CONTROL OF ACCESS IS COMPLETE
ON THIS SHEET.

Contract 2
Stage 2 Construction
HARTLAND - HARTFORD
I-91-162(21)
Sheet 24 of 220
Sheet 63 of 222

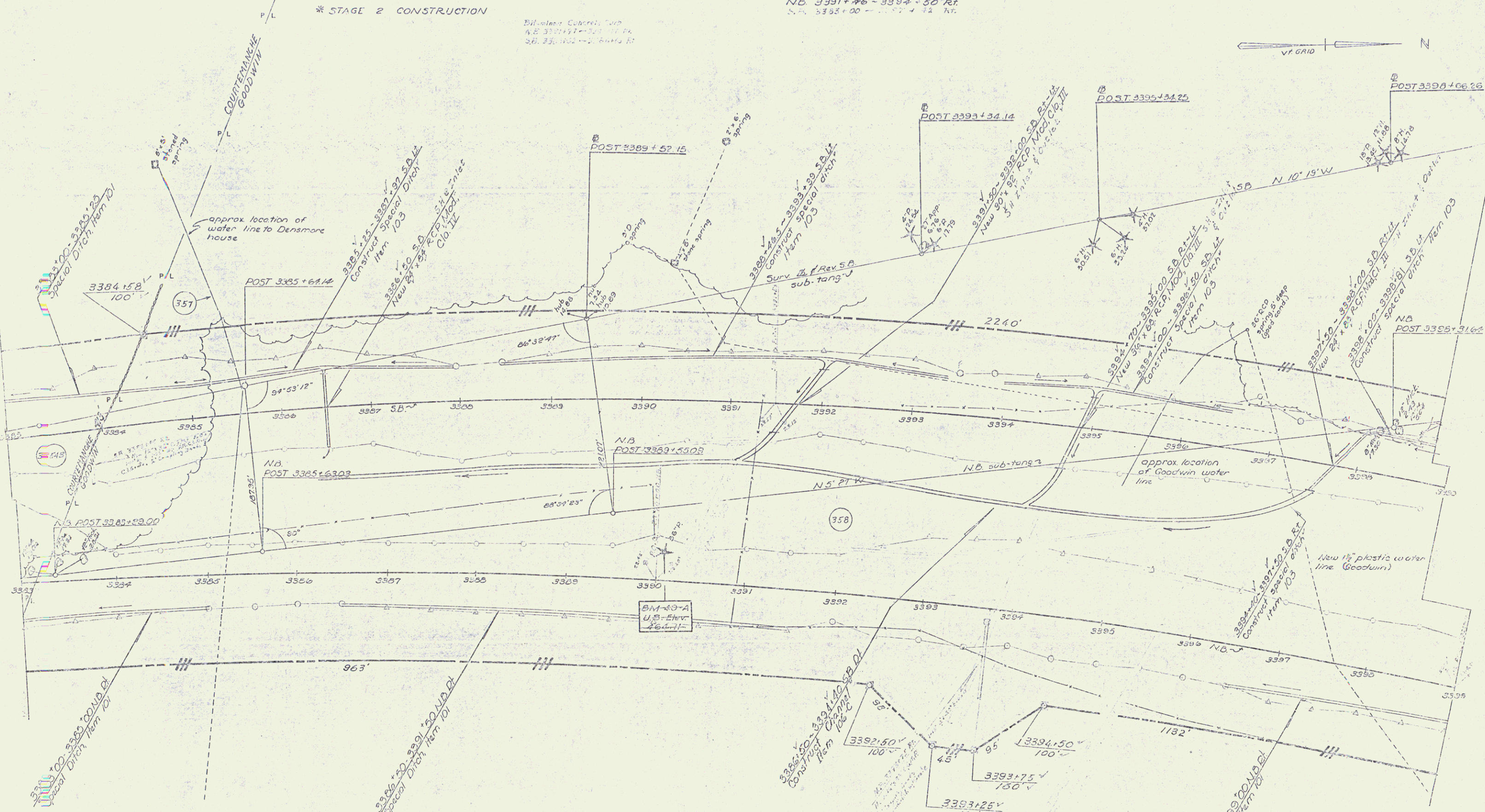


CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.



Contract 2
Stage 2 Construction
HARTLAND - HARTFORD
I-91-122(31)
Sheet 25 of 220
Sheet 67 of 742

PROPERTY LINE FENCE ITEM 583-B
N.B. 3383+00.01 - 3399+00.02
S.B. 3383+00.01 - 3399+00.01

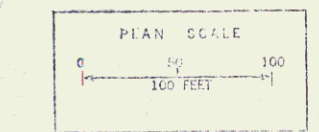
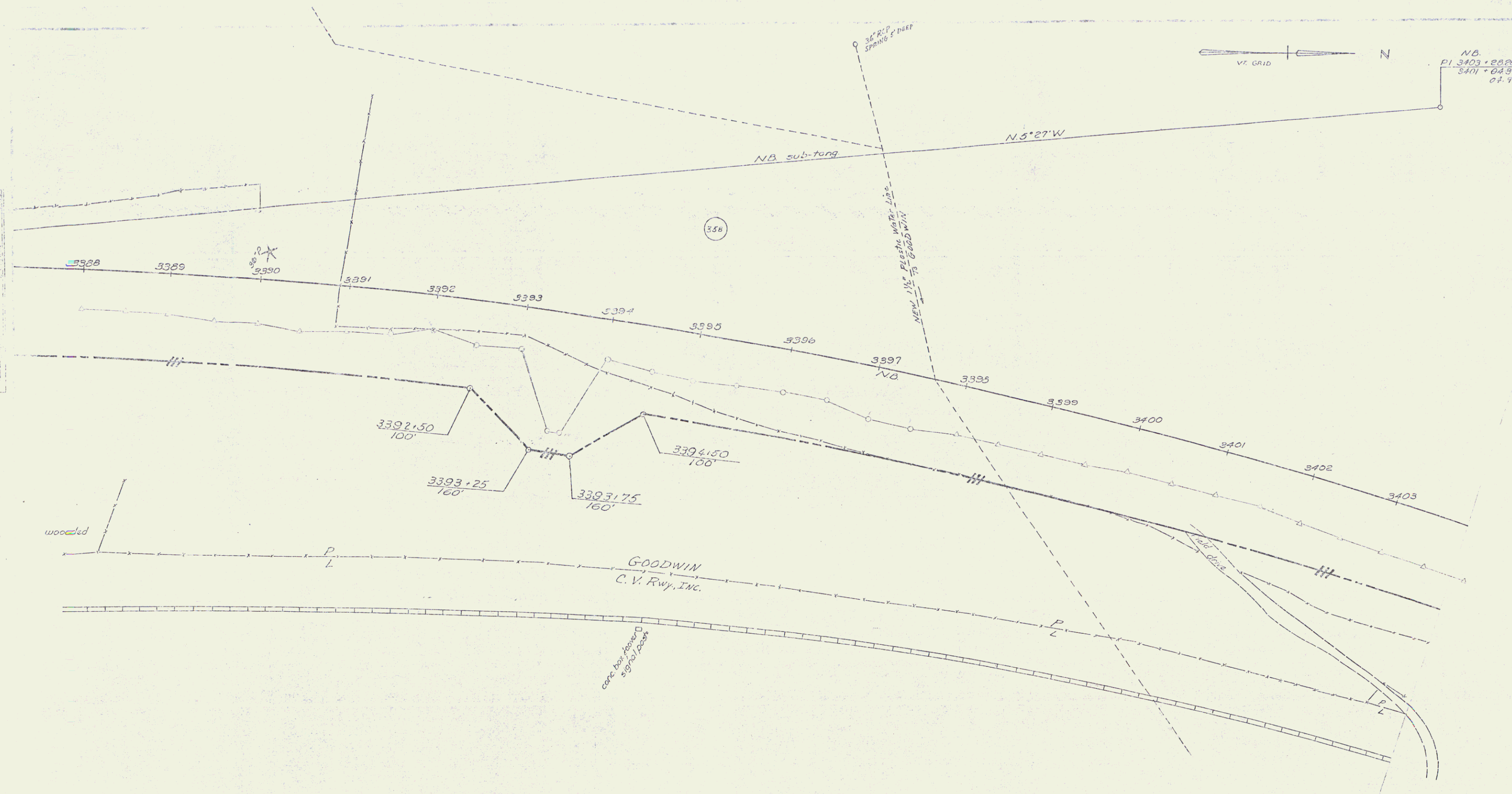


PLAN SCALE



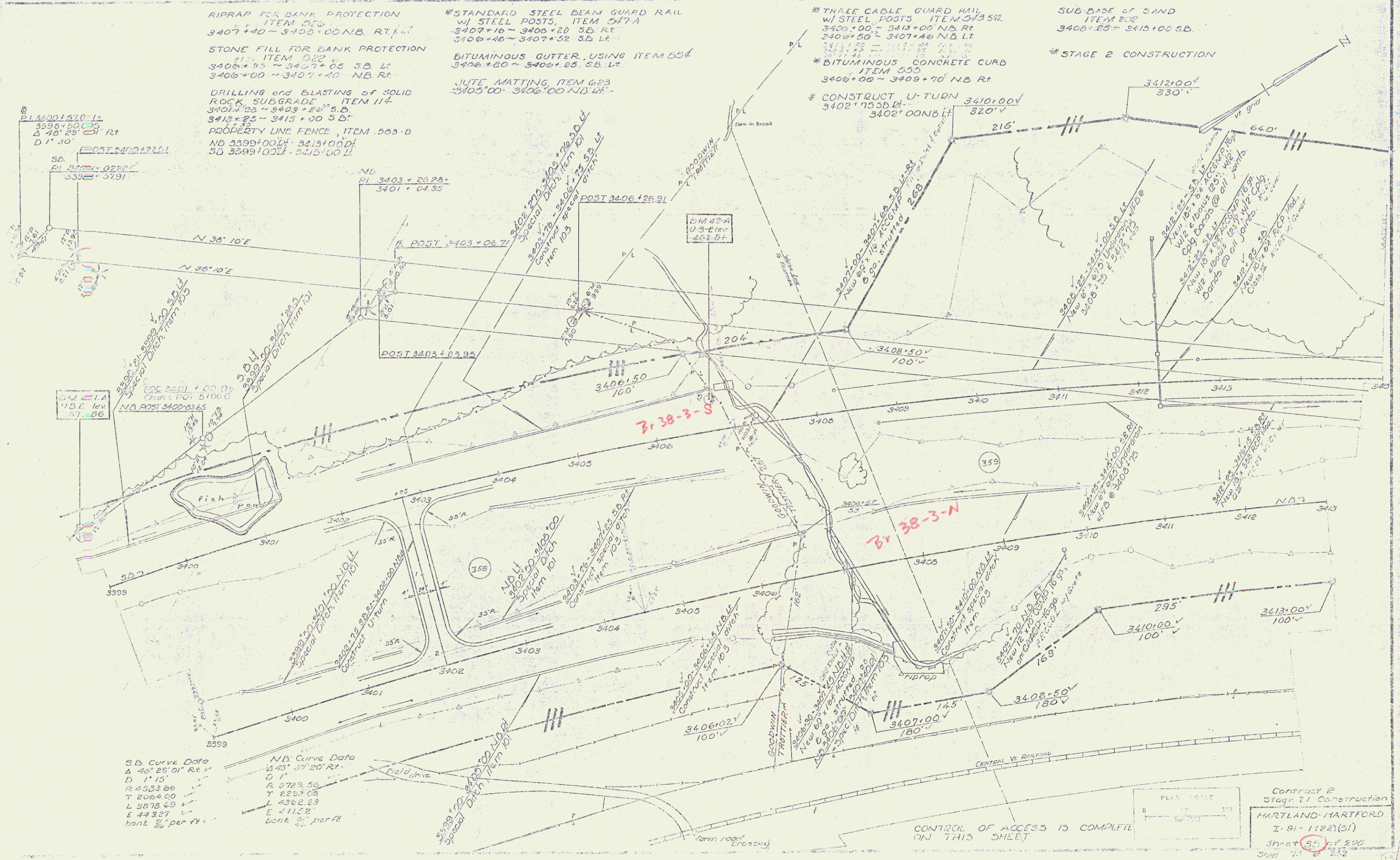
0 50 100
100 FEET

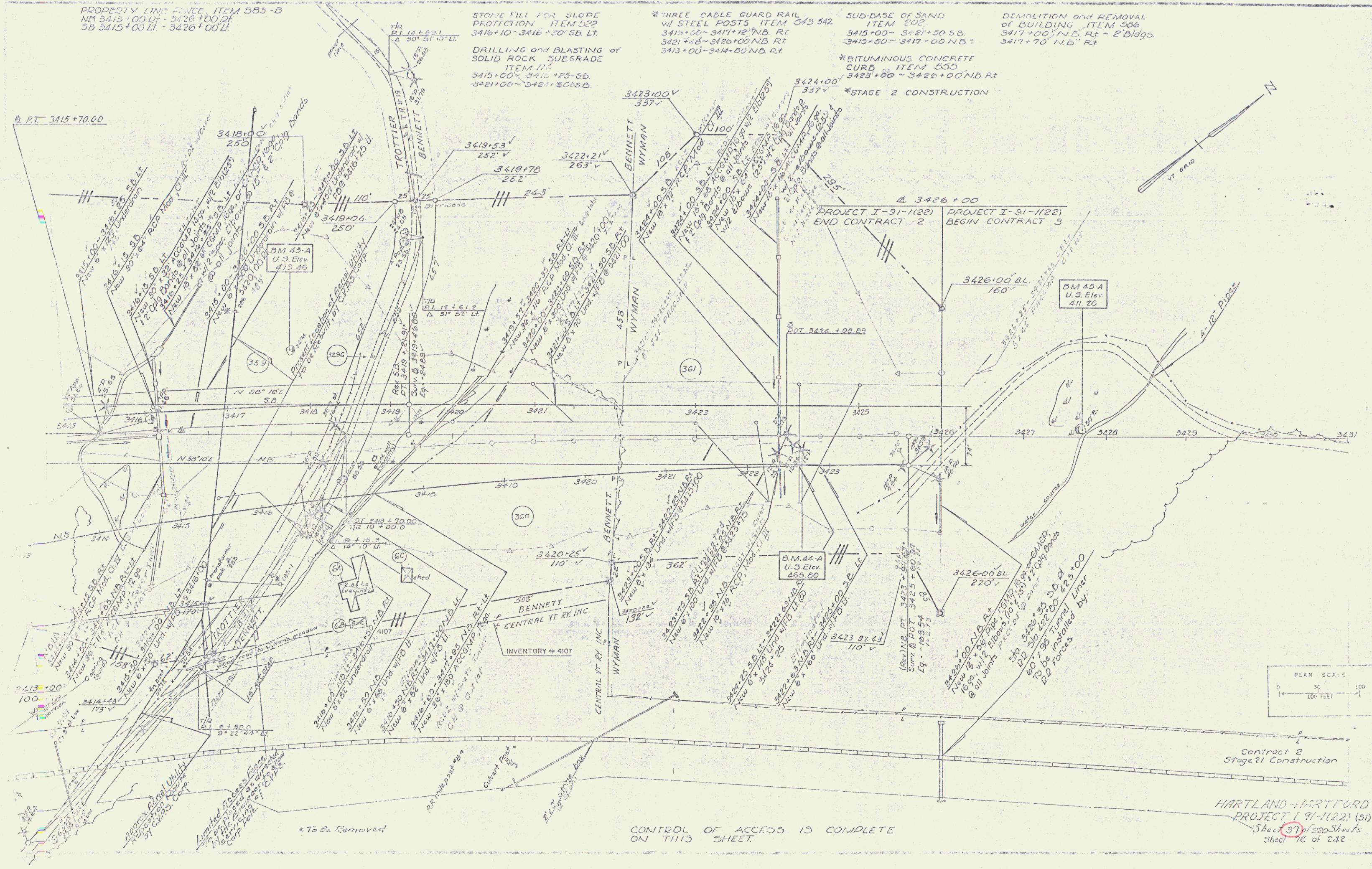
Contract 2
Stage 21 Construction
HARTLAND-HARTFORD
I- 91-1(22)(31)
Sheet 52 of 220
Sheet 71 of 242

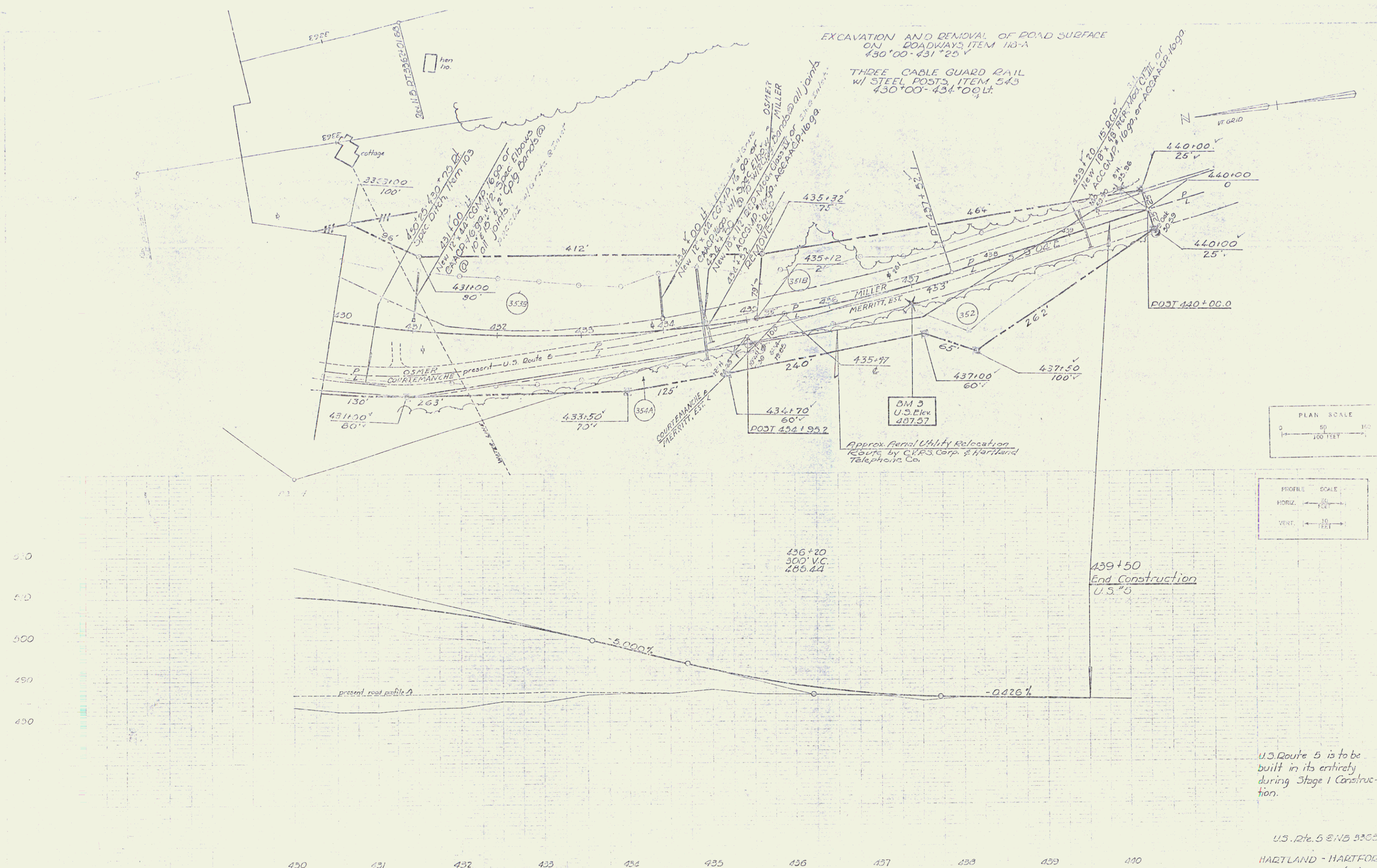


CONTROL OF ACCESS IS COMPLETE
ON THIS SHEET.

Contract 2
Stage 21 Construction
HARTLAND-HARTFORD
I-91-1(22) (31)
Sheet 35 of 220
Sheet 72 of 242



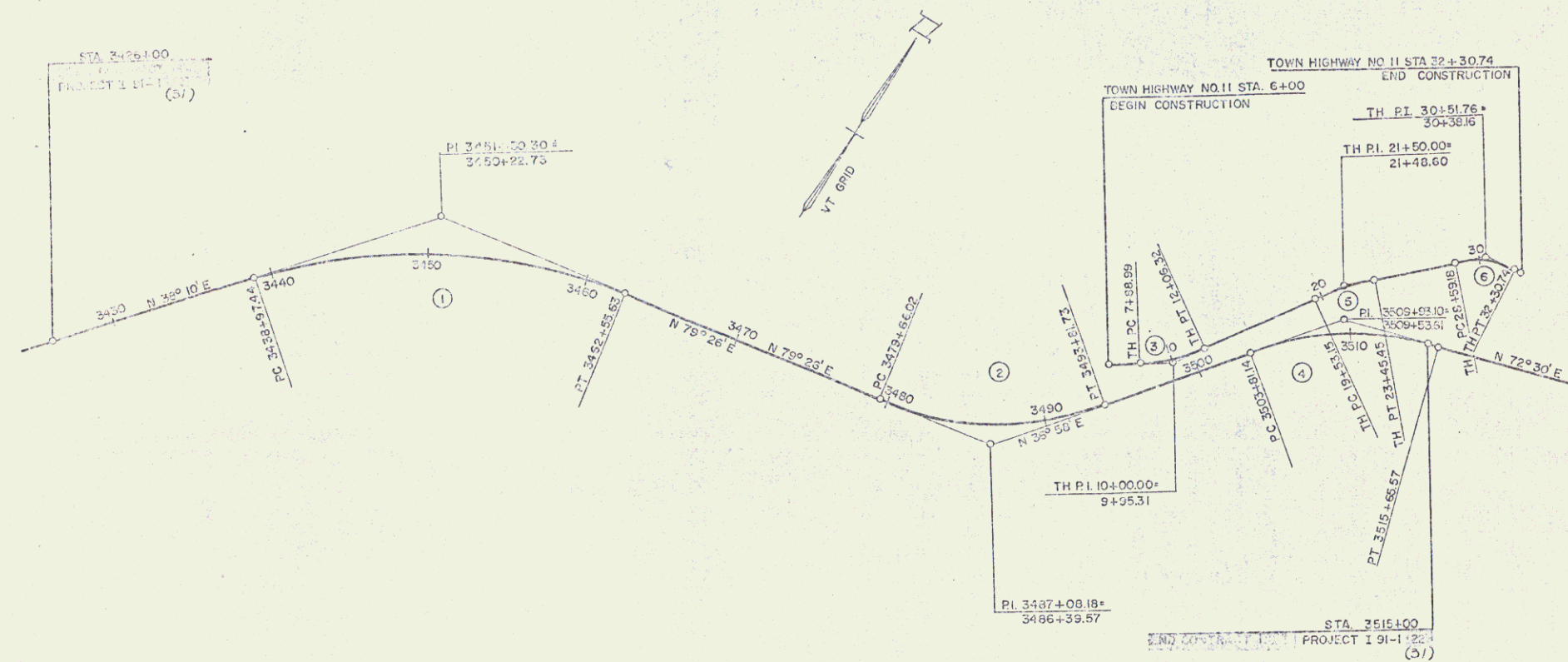




U.S. Route 5 is to be built in its entirety during Stage I Construction.

U.S. Rte. 5 EWB 3303
HARTLAND - HARTFORD
Contract 91-1 (22)
Sheet 41 of 220

CURVE ① MED.	CURVE ② MED.	CURVE ③ TH II	CURVE ④ MED.	CURVE ⑤ TH II	CURVE ⑥ TH II
Δ 41° 15' 06" LT	Δ 42° 28' 17" LT	Δ 20° 52' 00" LT	Δ 35° 31' 55" RT	Δ 11° 46' 00" RT	Δ 37° 09' RT
D 1° 45'	D 3°	D 5°	D 3°	D 3°	D 10°
R 3274.05	R 1509.66	R 1145.92	R 1909.86	R 1909.86	R 572.96
T 1252.66	T 742.16	T 211.01	T 611.95	T 195.66	T 192.58
L 2358.19	L 1415.71	L 417.35	L 1184.43	L 562.30	L 371.56
E 345.42	E 350.15	E 10.27	E 95.64	E 10.11	E 31.49
BANK 11/16" PER FT.	BANK 15/16" PER FT.	BANK 17/16" PER FT.	BANK 15/16" PER FT.	BANK 17/16" PER FT.	BANK 11/16" PER FT.



Stage 2 Construction

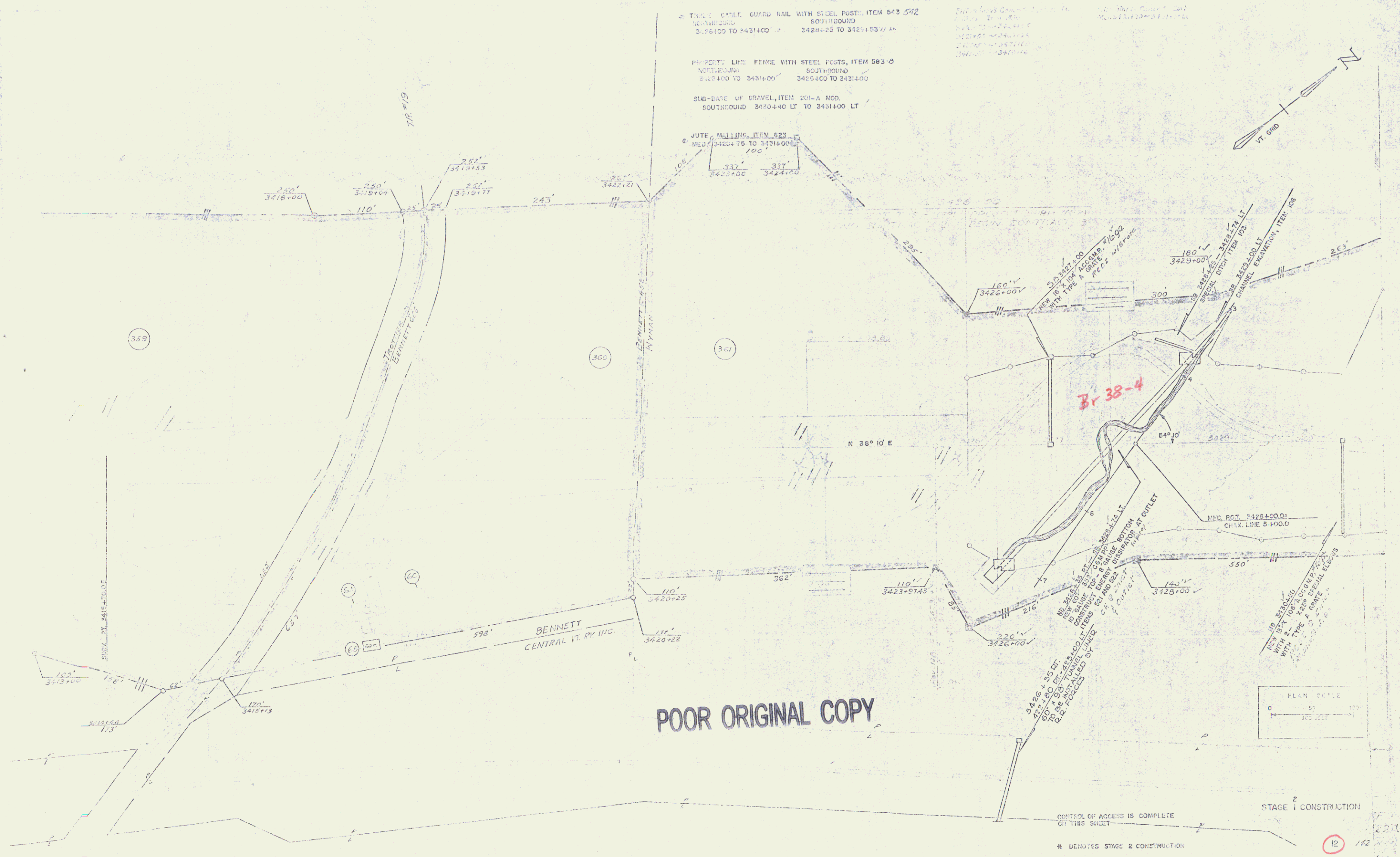
HARTLAND-HARTFORD

ALIGNMENT SHEET

STAGE 2 CONSTRUCTION

PROJ. I NO. 91-1 (3/)

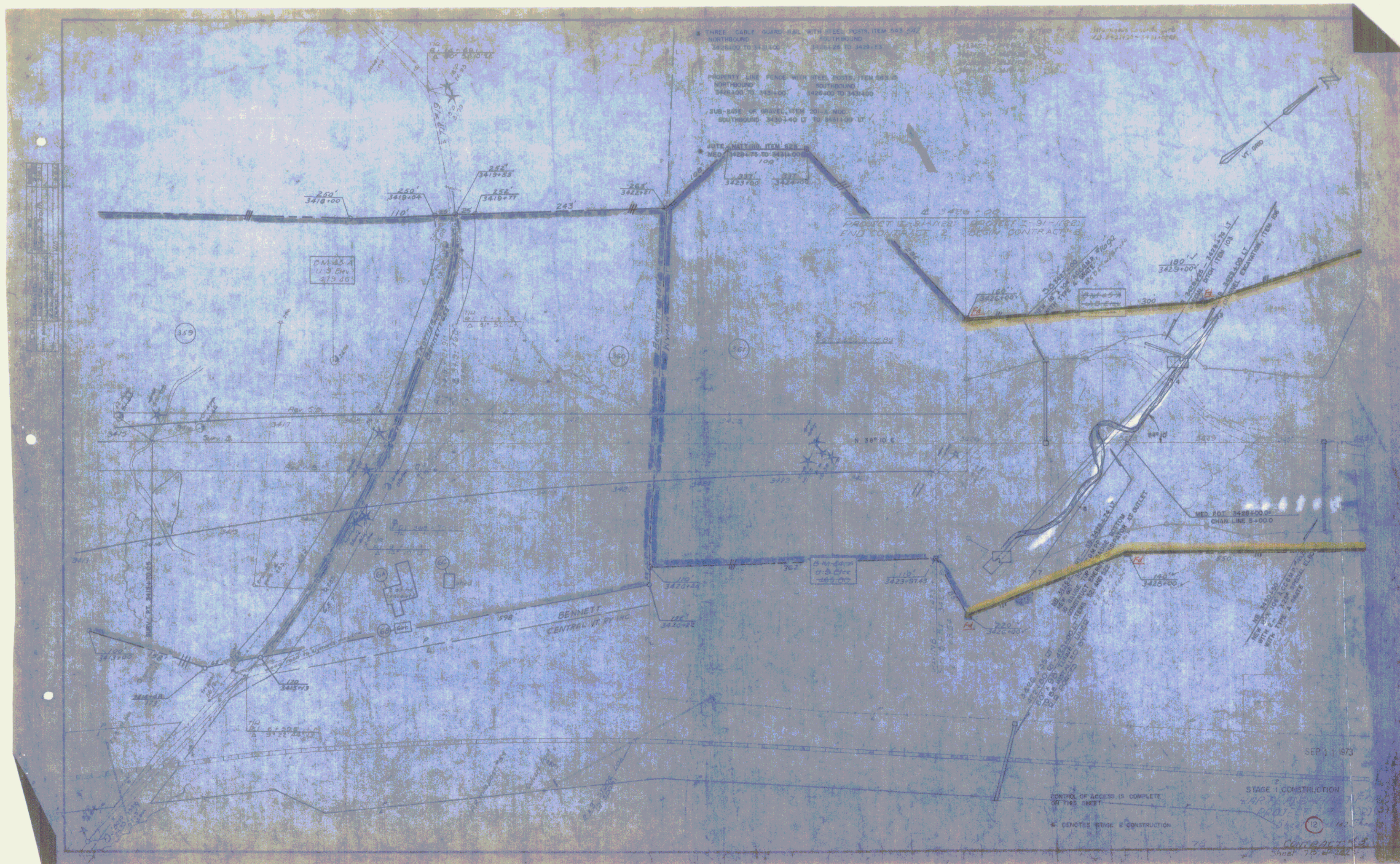
SHEET 2 OF 12 Sheet 4 of 222



* TRUCK CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543 542
NORTHBOUND 3426100 TO 3431400
SOUTHBOUND 3426425 TO 3427153 1/2
PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 583-0
NORTHBOUND 3426400 TO 3431400
SOUTHBOUND 3426400 TO 3431400
SUB-BASE OF GRAVEL, ITEM 201-A MOD.
SOUTHBOUND 3426440 LT TO 3431400 LT

JUTE MILLING, ITEM 523
MED. 3426475 TO 3431400
100'

CONTROL OF ACCESS IS COMPLETE
ON THIS SHEET
STAGE 1 CONSTRUCTION
STAGE 2 CONSTRUCTION
12 1/2
CONTRACT 3
Sheet 70 of 222



816- BASE OF GRAVEL, ITEM 514-MED.
SB 3441+00-3443+50 LT
SB 3443+50-3445+00 LT

* THICK CARBON CURED RAIL WITH STEEL POSTS, ITEM 543-5/2
18047+00-18047+00 RD
3441+00-3443+50 LT
3443+50-3445+00 LT

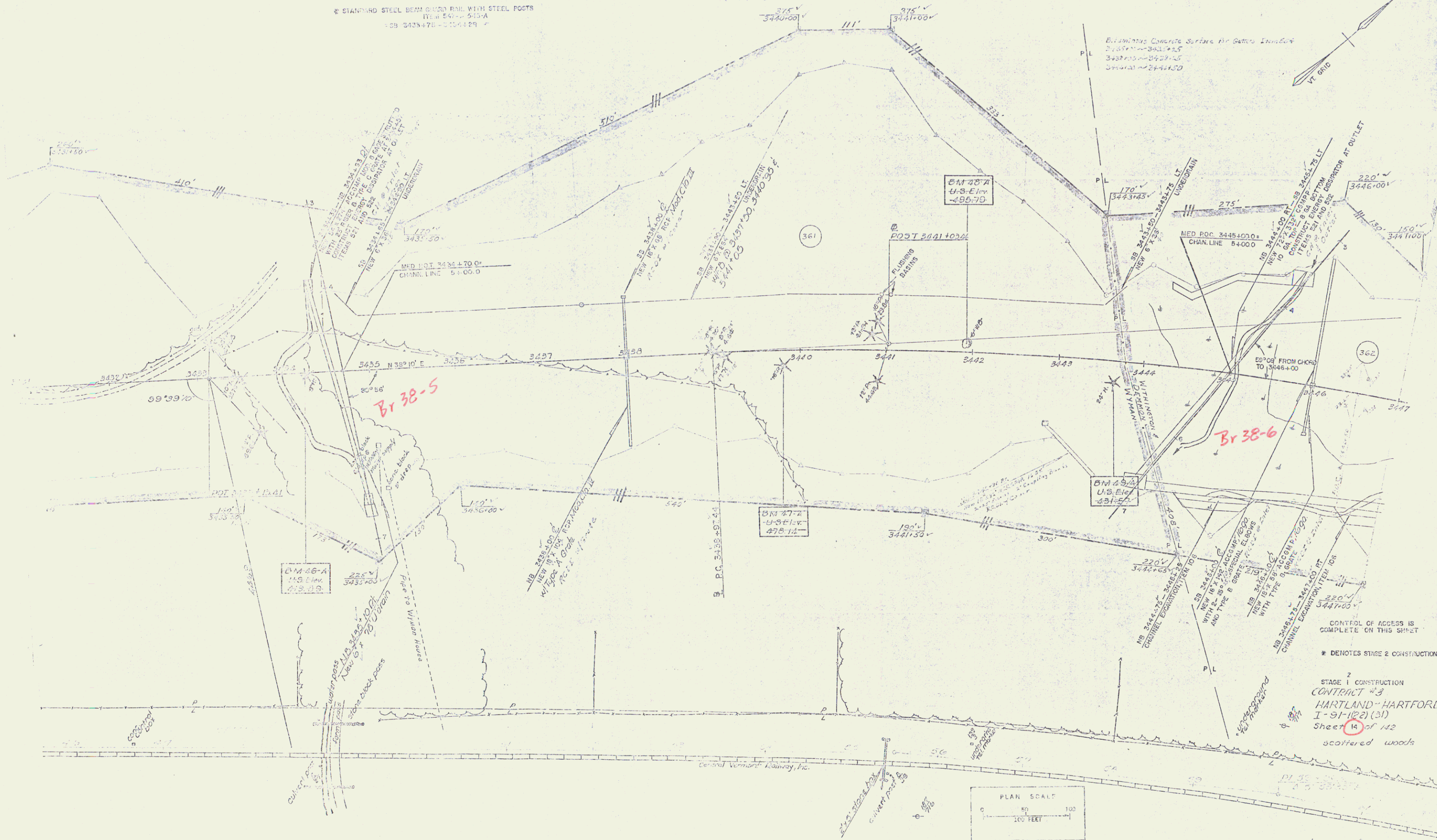
* STANDARD STEEL BEAM GROUND RAIL WITH STEEL POSTS
ITEM 541-5/2A
SB 3443+50-3445+00 LT

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 563-D
NORTHBOUND
3441+00-3442+00
SOUTHBOUND
3442+00-3443+00

* JUTE MATTING, ITEM 623
3441+00-3442+00 MED
3442+00-3443+00 MED
3443+00-3444+00 MED
3444+00-3445+00 MED

STONE FILL FOR SLOPE PROTECTION, ITEM 532
NORTHBOUND 3444+12-3447+00 RT
SOUTHBOUND 3444+20-3449+00 LT
SB 3444+12-3447+00 RT
SB 3444+20-3449+00 LT

* BITUMINOUS CONCRETE CURB, ITEM 555
NB 3443+50-3447+00 RT
SB 3443+50-3447+00 LT



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DENOTES STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION
CONTRACT #3
HARTLAND-HARTFORD
I-91-102 (31)
Sheet 14 of 142
scattered woods

STONE FILL FOR SLOPE PROTECTION, ITEM 522
NB 3447+00 - 3450+00 LT
SB 3451+24 - 3454+55 LT

BITUMINOUS CONCRETE CURB, ITEM 555
NB 3447+00 - 3448+50 RT
SB 3451+24 - 3454+55 LT

DRILLING AND BLASTING OF SOLID ROCK SUB-GRADE, ITEM 114
3452+50 - 3458+50 LT

THREE CABLE GUARD RAIL RAIL WITH STEEL POSTS, ITEM 542
NORTHBOUND
3447+00 - 3448+60 RT
SOUTHBOUND
3450+55 - 3451+65 RT

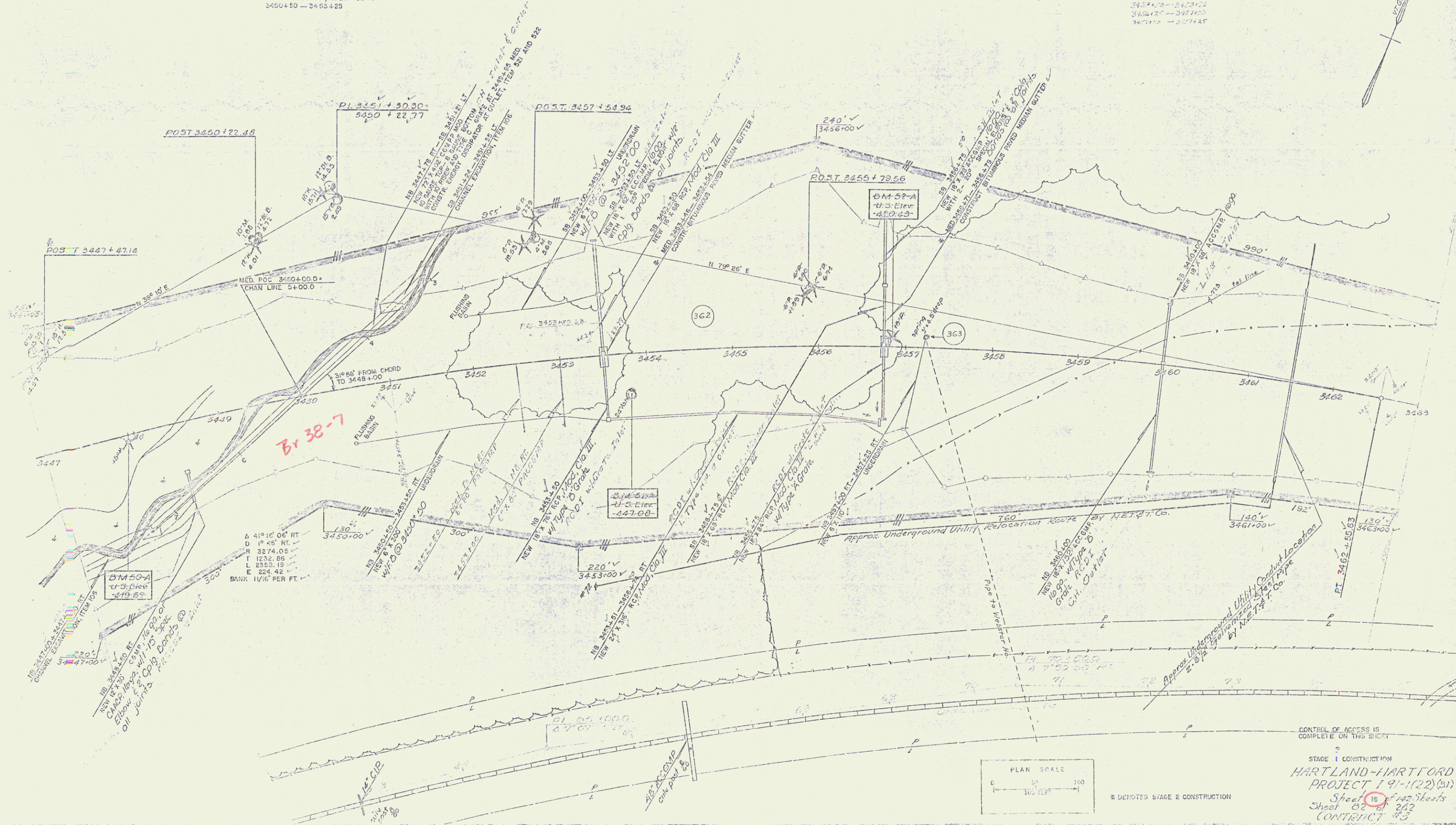
JUTE MATTING, ITEM 623
3448+00 - 3449+55 MED
3451+70 - 3453+50 MED
3458+25 - 3460+00 MED
3462+00 - 3463+00 MED
3451+75 - 3453+50 RT NB
3451+75 - 3453+50 LT SB

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 583-0
NORTHBOUND
3454+50 - 3463+00
SOUTHBOUND
3456+50 - 3463+00

GRANULAR BORROW, ITEM 102-A
3450+50 - 3453+25

DRILLING AND PRESPLITTING OF SOLID ROCK, ITEM 125
SB 3454+00 - 3454+60 RT

BITUMINOUS CONCRETE SURFACE FOR DRIVEWAY, ITEM 505
3453+00 - 3454+00
3454+00 - 3455+00
3455+00 - 3456+00
3456+00 - 3457+00



STONE FILL FOR ROAD, ITEM 522
NB 3474+00 - 3474+100

DRILLING AND REMOVAL OF BULGERS, ITEM 550
NB 3474+50 RT

BITUMINOUS CONCRETE CURB, ITEM 555
SB 3476+00 - 3476+100 LT

JOUTE MATTING, ITEM 623
SB 3476+00 - 3476+100 LT

DRILLING AND BLASTING OF SOLID
ROCK SUBGRADE, ITEM 64
3477+50 - 3479+00

TREATED TIMBER CURB, ITEM 555
NB 3472+00 - 3476+00 RT

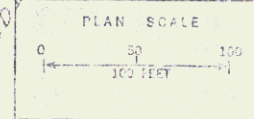
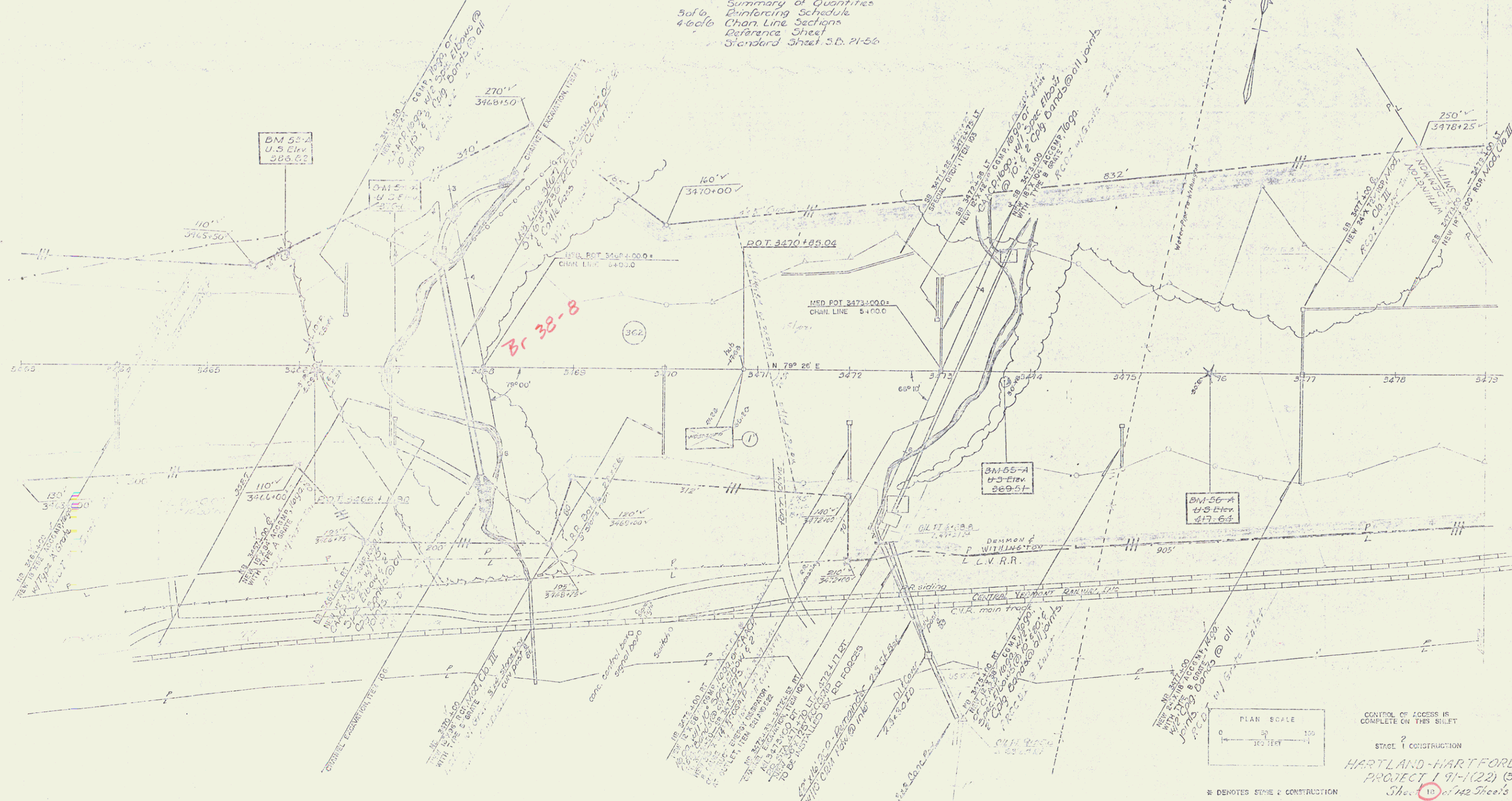
THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543 542
NORTHBOUND
3467+00 - 3468+00

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 543 542
SOUTHBOUND
3468+00 - 3469+00

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 585 -0
NORTHBOUND
3464+00 - 3476+00

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 585 -0
SOUTHBOUND
3464+00 - 3476+00

List of Sheets for
P.C. Box @ Sta 3467+75
1 of 6 Plan and Section
2 of 6 General Notes, Details, &
Summary of Quantities
3 of 6 Reinforcing Schedule
4 of 6 Chan. Line Sections
Reference Sheet
Standard Sheet S.D. 21-56



CONTROL OF ACCESS IS
COMPLETE ON THIS SHEET

STAGE 1 CONSTRUCTION

HARTLAND-HARTFORD
PROJECT 191-1(22) (31)

Sheet 13 of 142 Sheets

CONTRACT # 3

Sheet 13 of 222

* DENOTES STAGE 2 CONSTRUCTION

DEMOLITION AND REMOVAL OF BUILDING, ITEM 580
 34794+00-34804+00
 34804+00-34814+00

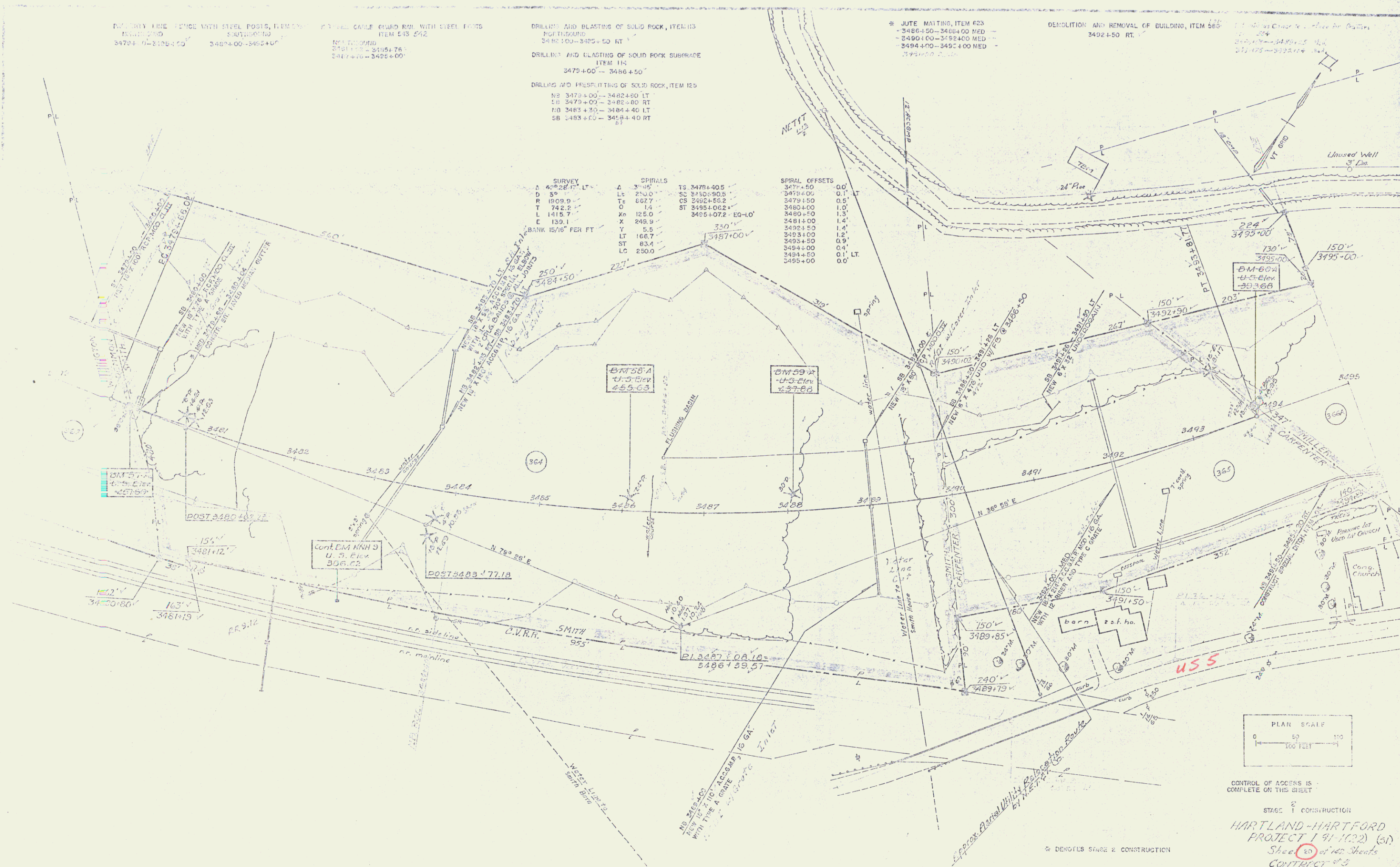
DEMOLITION AND REMOVAL OF BUILDING, ITEM 580
 34814+00-34824+00
 34824+00-34834+00

DEMOLITION AND REMOVAL OF BUILDING, ITEM 580
 34834+00-34844+00
 34844+00-34854+00

DEMOLITION AND REMOVAL OF BUILDING, ITEM 580
 34854+00-34864+00
 34864+00-34874+00

DEMOLITION AND REMOVAL OF BUILDING, ITEM 580
 34874+00-34884+00
 34884+00-34894+00

DEMOLITION AND REMOVAL OF BUILDING, ITEM 580
 34894+00-34904+00
 34904+00-34914+00



SURVEY

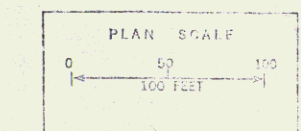
STATION	ANGLE	LENGTH	BEARING
1	40° 28' 17"	17.0	LT
2	5°	25.0	LT
3	1909.9	607.7	CS
4	742.2	14	LT
5	1415.7	125.0	LT
6	139.1	248.9	LT
7	168.7	168.7	LT
8	83.4	250.0	LT

SPIRALS

STATION	ANGLE	LENGTH	BEARING
1	40° 28' 17"	17.0	LT
2	5°	25.0	LT
3	1909.9	607.7	CS
4	742.2	14	LT
5	1415.7	125.0	LT
6	139.1	248.9	LT
7	168.7	168.7	LT
8	83.4	250.0	LT

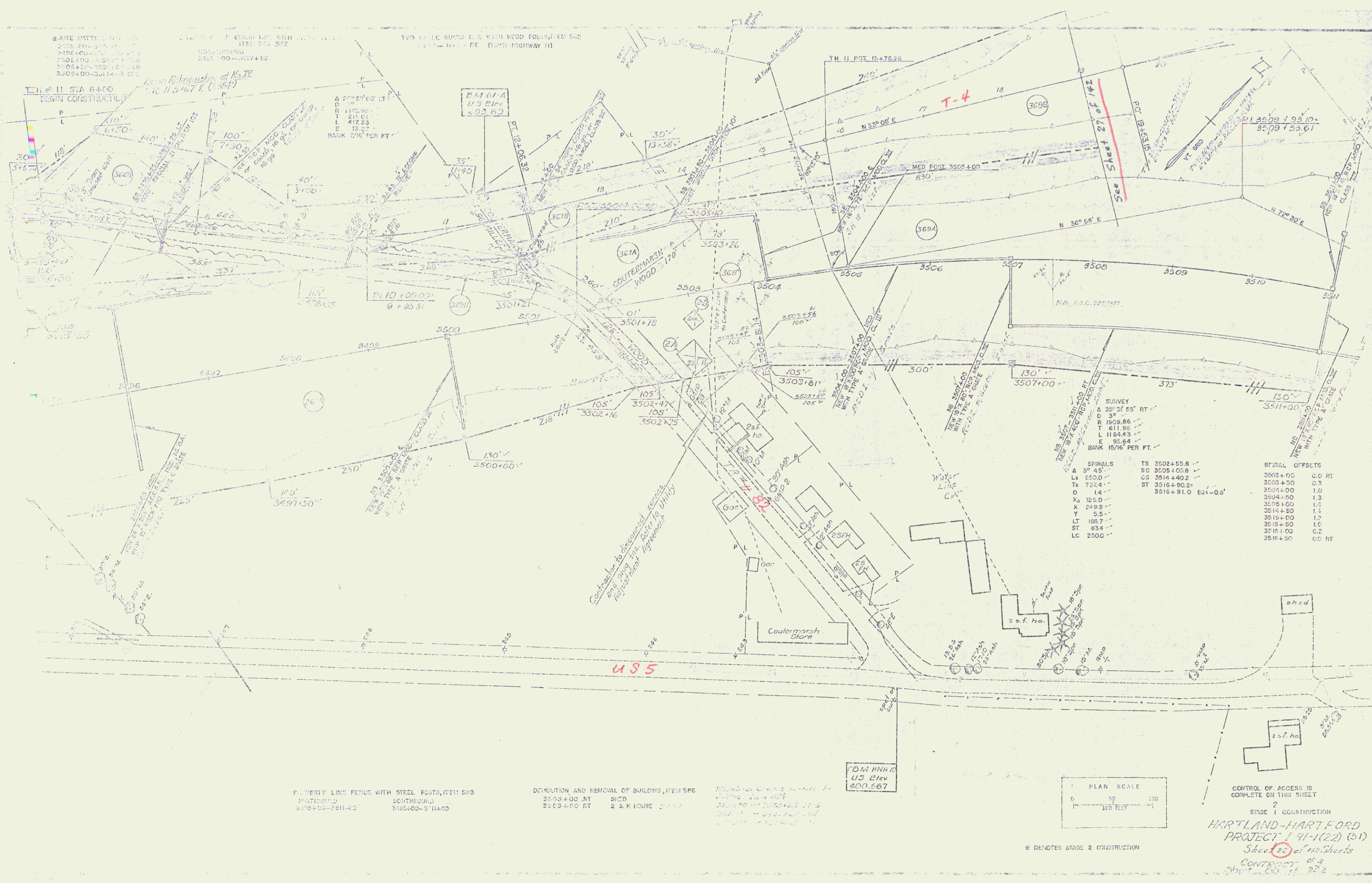
SPIRAL OFFSETS

STATION	ANGLE	LENGTH	BEARING
1	40° 28' 17"	17.0	LT
2	5°	25.0	LT
3	1909.9	607.7	CS
4	742.2	14	LT
5	1415.7	125.0	LT
6	139.1	248.9	LT
7	168.7	168.7	LT
8	83.4	250.0	LT



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

STAGE 1 CONSTRUCTION
 HARTLAND-HARTFORD
 PROJECT 191-1022 (31)
 Sheet 10 of 100 Sheets
 CONTRACT #3



WHITE MATTE...
3505+00-3505+00
3505+00-3505+00
3505+00-3505+00
3505+00-3505+00

WHITE MATTE...
3505+00-3505+00
3505+00-3505+00
3505+00-3505+00
3505+00-3505+00

TWO 12" DIA. GUANO...
3505+00-3505+00
3505+00-3505+00
3505+00-3505+00
3505+00-3505+00

BM 61-A
U.S. Elev.
400.567

SURVEY

A	35° 31' 59" RT
D	35
R	1909.66
T	611.96
L	116443
E	90.84
ST	834
LC	2500

BANK 15/16" PER FT.

SPIRALS

A	3° 45'
Ls	250.00
Ts	737.4
O	14
Xs	125.0
X	249.9
Y	5.5
LT	106.7
ST	834
LC	2500

TS 35024+25.8
SC 35054+05.8
CS 35144+40.2
ST 35164+90.2
35164+91.0 EQ1-0.8'

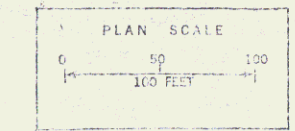
SPIRAL OFFSETS

3503+00	0.0 RT
3503+50	0.3
3504+00	1.0
3504+50	1.3
3505+00	1.1
3505+50	1.1
3506+00	1.2
3506+50	1.6
3507+00	0.0 RT

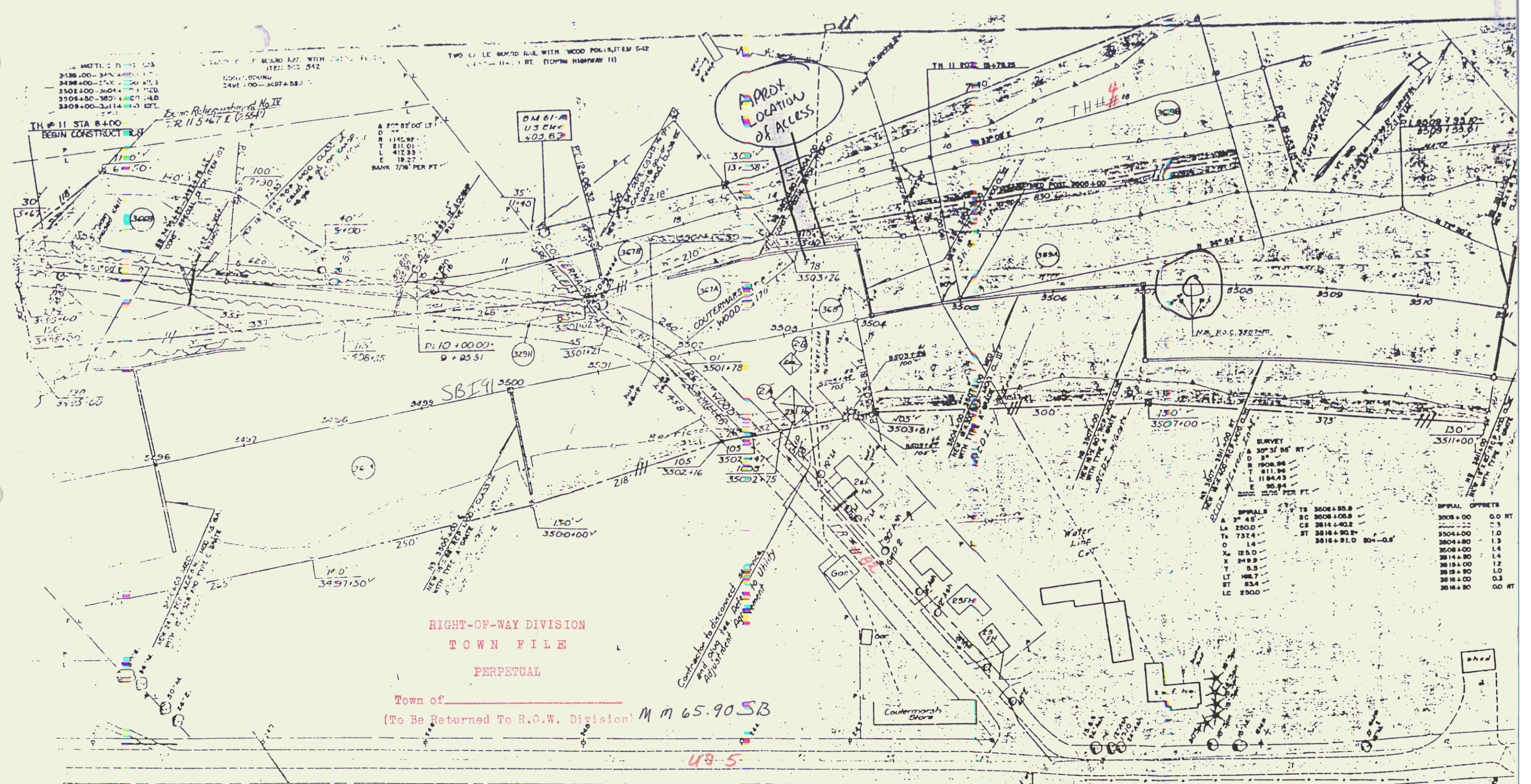
PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 503
3503+00-3503+00
3503+00-3503+00

DEMOLITION AND REMOVAL OF BUILDING, ITEM 506
3503+00 RT SHED
3503+00 RT 2 S.R. HOUSE

Minimum...
3503+00-3503+00
3503+00-3503+00



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
STAGE 1 CONSTRUCTION
HARTLAND-HARTFORD
PROJECT 1 91-1(22) (31)
Sheet 22 of 22 Sheets
CONTRACT # 222

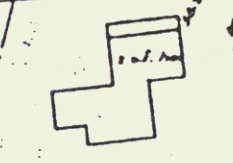
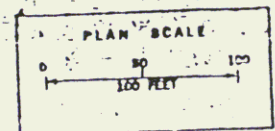


HARTLAND Vol Fire Dept
 I 91 Emergency Access Agreement
 March 9, 1994 BK 99 Pg 409-412

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 883
 MATING: 3495+00-3496+00 SOUTHBOUND
 3495+00-3496+00

DEMOLITION AND REMOVAL OF BUILDINGS, ITEM 104
 3503+00 RT
 3503+00 RT

DM HNH
 US CIV
 400.667

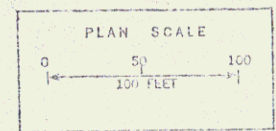
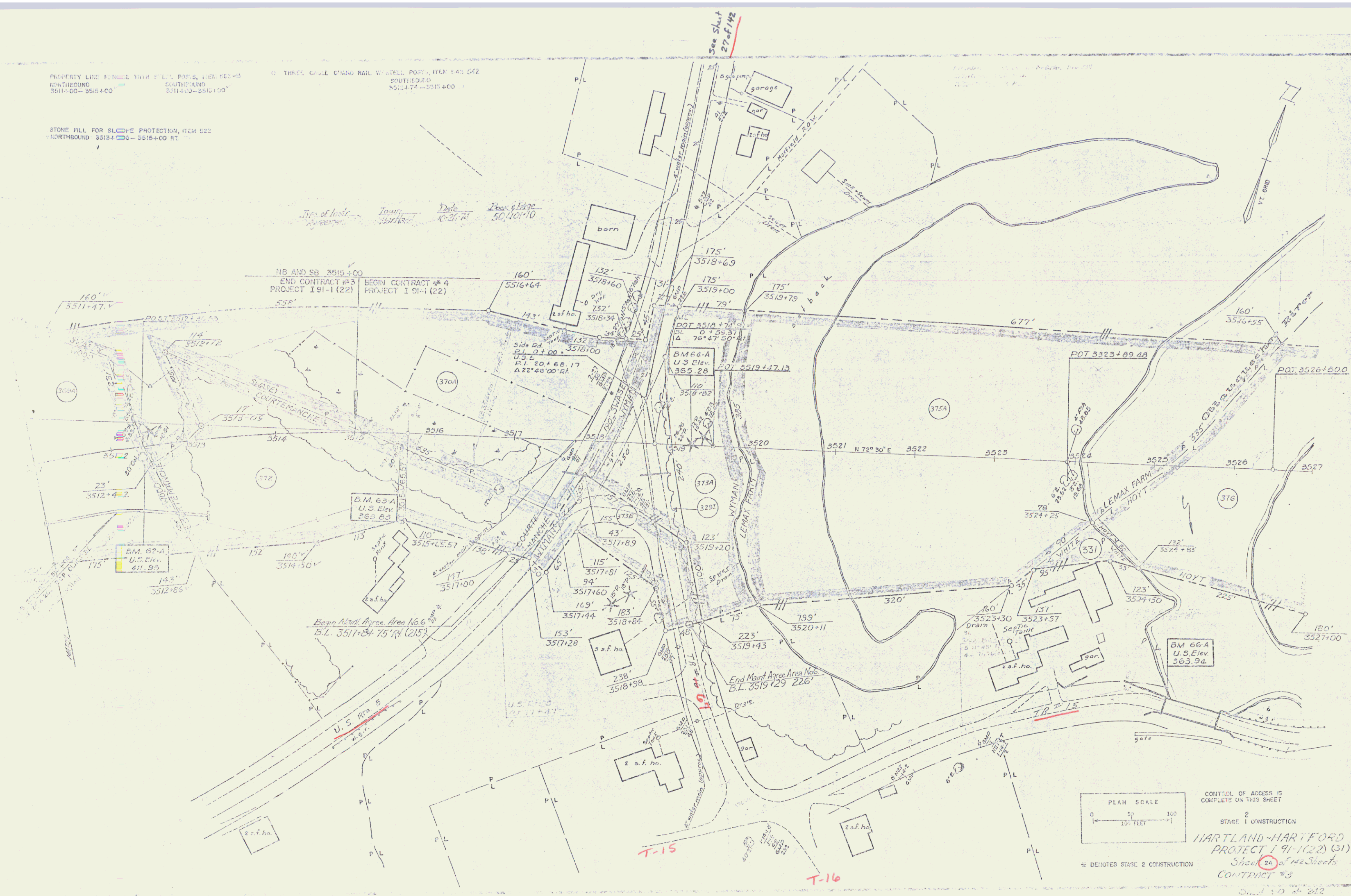


CONTROL OF ACCESS IS COMPLETE IN THIS SHEET
 2
 HARTLAND-HART
 PROJECT I 91-11
 Sheet 22 of 22
 CONTRACT

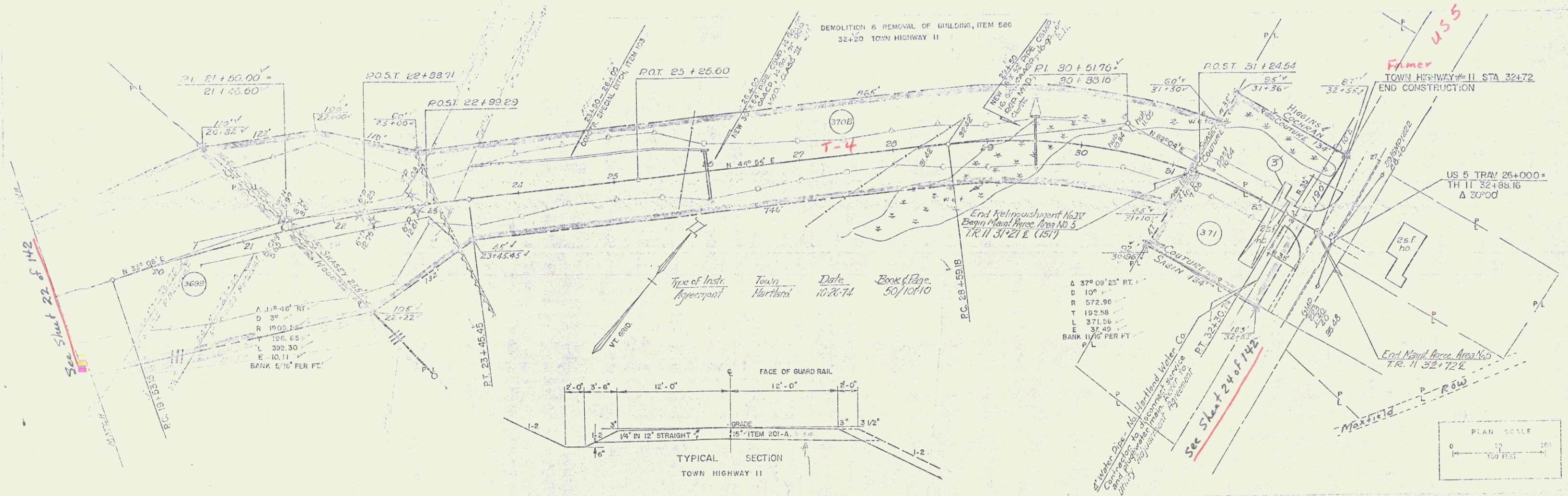
PROPERTY LINE FINISH WITH STAKE POS. 1/2" DIA. 1/2" HIGH
 NORTHBOUND 3511+00 - 3516+00
 SOUTHBOUND 3511+00 - 3516+00

THREE GLE CHAND RAIL WATER POS. 1/2" DIA. 1/2" HIGH
 SOUTHBOUND 3514+74 - 3515+00
 NORTHBOUND 3514+74 - 3515+00

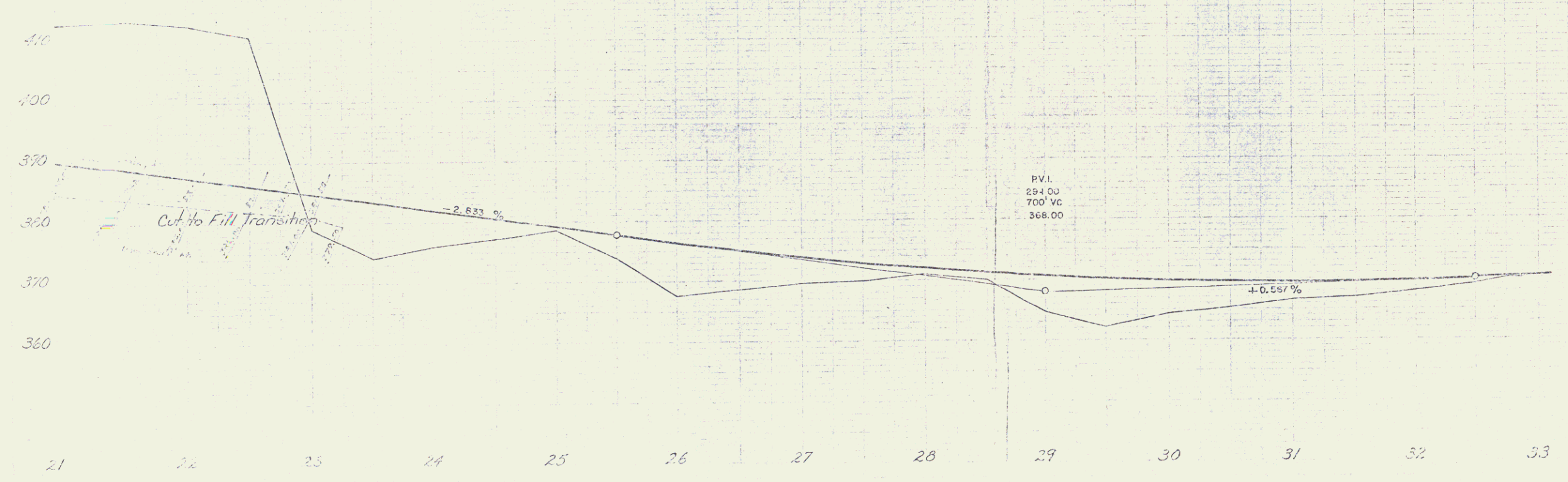
STONE FILL FOR SLOPE PROTECTION, ITEM 622
 NORTHBOUND 3513+00 - 3515+00 RT.



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
 STAGE 1 CONSTRUCTION
 HARTLAND-HARTFORD PROJECT 191-1(22) (31)
 Sheet 24 of 142 Sheets
 CONTRACT #3
 SHEET NO. 24



STATION 2 FINISHED GRADES SHOWN
 (1) SUBGRADE ELEVATION 2.67 FEET
 (2) 6" BELOW



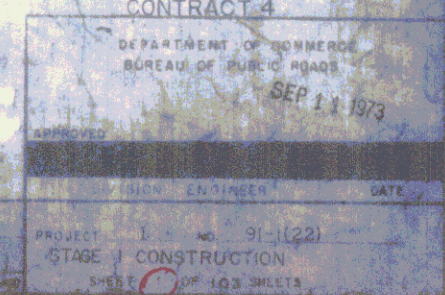
TOWN HIGHWAY #11
 STAGE I CONSTRUCTION
 HARTLAND - HARTFORD
 PROJECT 191-1 (22)
 Sheet 27 of 142 Sheets
 Contract #3

82-39 CROSS SECTIONS (INTERSTATE)
100-103 EXTENDED CROSS SECTIONS 3520+00 TO 3527+80

TOWNS OF HARTLAND-HARTFORD
COUNTY OF WINDSOR
INTERSTATE ROUTE 91
BELLOWS FALLS-WHITE RIVER JCT. ROAD
CONTRACT NO. 4

LENGTH OF ROADWAY 2010.37 FEET = 0.380 MILES
LENGTH OF BRIDGES 489.63 FEET = 0.093 MILE
LENGTH OF CONTRACT 2500.00 FEET = 0.473 MILES

ADT	1985	3500
ADT	1988	8060
BHV	1985	1160
D		51%
T		7%
V		80 MPH





HARTLAND-HARTFORD
I 91-1(22) Contract # (31)
March 12, 1962
Sheet 2 of 103
Sheet 5 of 212

* THREE CABLE GUARD RAIL, CABLE POSTS
ITEM 533.5.1
NB 3514+57 - 3516+00 D. 12'
SB 3515+00 - 3517+00 L. 12'
NB 3517+00 - 3519+00 L. 12'
NB 3519+00 - 3521+00 L. 12'
NB 3521+00 - 3523+00 L. 12'
NB 3523+00 - 3525+00 L. 12'
NB 3525+00 - 3527+00 L. 12'
NB 3527+00 - 3529+00 L. 12'
NB 3529+00 - 3531+00 L. 12'

STANDARD STEEL BEAM GUARD
RAIL, 7" STEEL POSTS, ITEM 533.5.2
TH 16' 0" S. L. - SB 3518+65 L. 12'
NB 3518+65 L. 12' - SB 3519+00 L. 12'
NB 3519+00 L. 12' - SB 3520+00 L. 12'
NB 3520+00 L. 12' - SB 3521+00 L. 12'

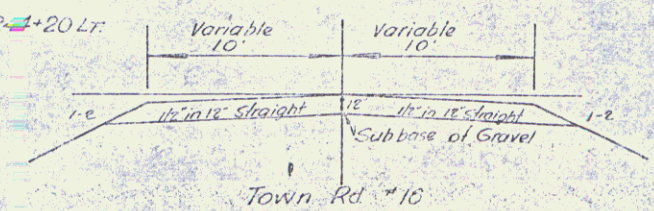
PROPERTY LINE FENCE, TOWER POSTS
ITEM 533.5.3
SB 3515+00 - 3517+00 L. 12'
NB 3517+00 - 3519+00 L. 12'
NB 3519+00 - 3521+00 L. 12'
NB 3521+00 - 3523+00 L. 12'
NB 3523+00 - 3525+00 L. 12'

* BITUMINOUS CONCRETE CURB
ITEM 533.5.4
NB 3515+00 - 3517+00 L. 12'
NB 3517+00 - 3519+00 L. 12'
NB 3519+00 - 3521+00 L. 12'
NB 3521+00 - 3523+00 L. 12'

CONSTRUCT ATTACHMENT
ITEM 533.5.5
NB 3515+00 - 3517+00 L. 12'
NB 3517+00 - 3519+00 L. 12'
NB 3519+00 - 3521+00 L. 12'

* JUTE MATTING, ITEM 533.5.6
Med. 3519+00 - 3523+00

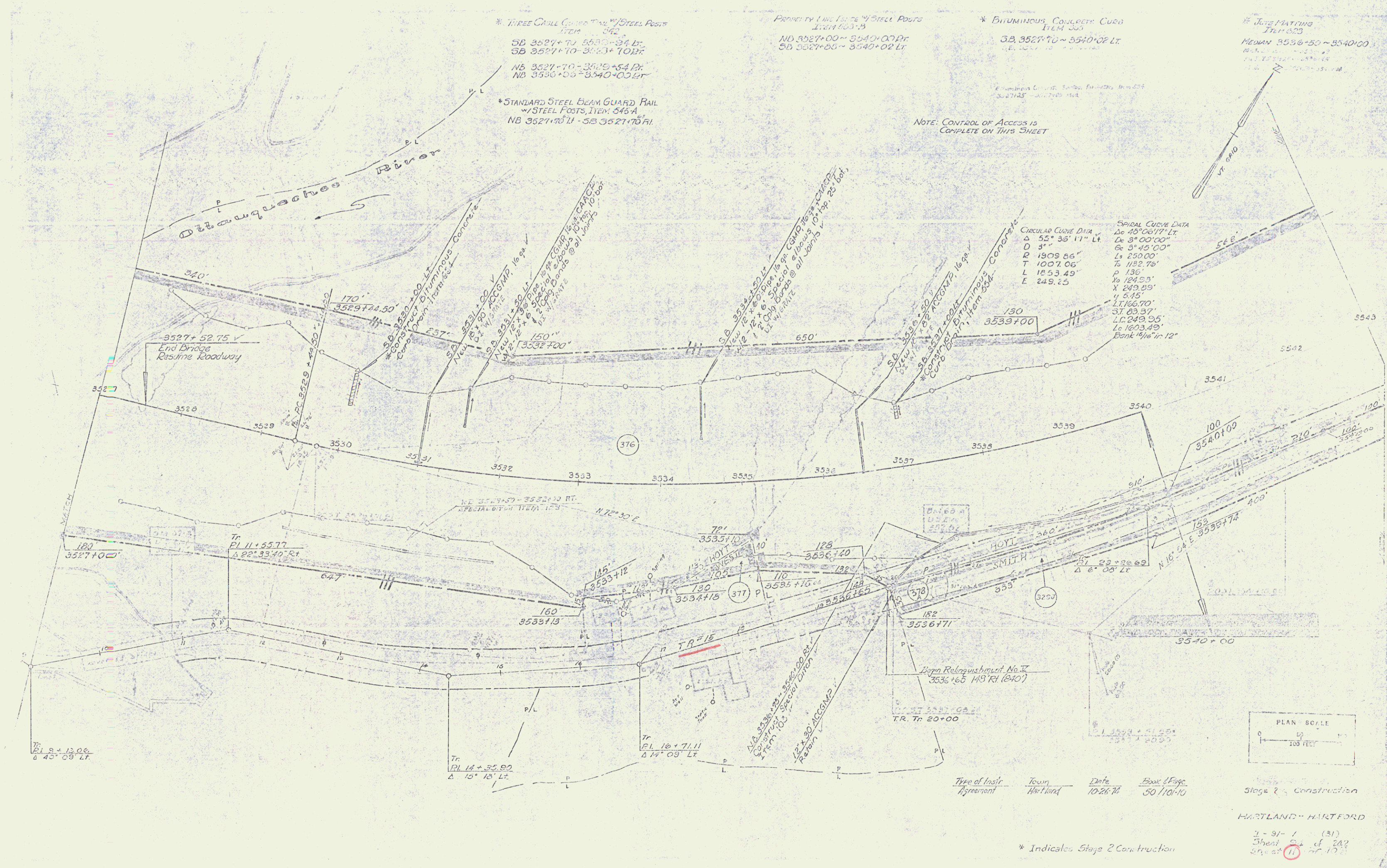
Variable 10' Variable 10'



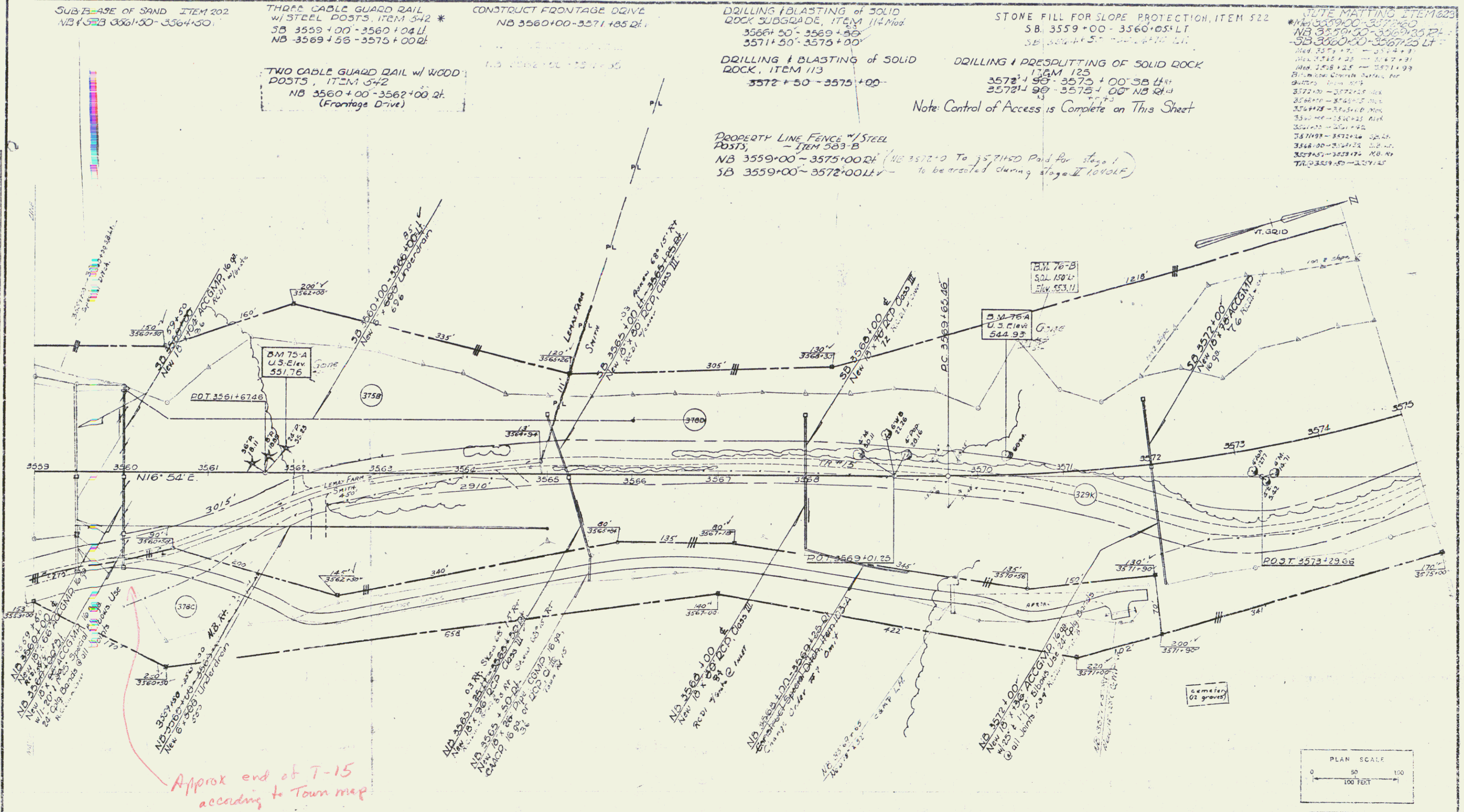
SPIRAL CURVE DATA
Δ 25° 01' 55" D.I.
D 3° 00' 00" D.I.
L 250.00'
T 1737.95'
P 1.80'
X 249.09'
Y 5.16'
Z 166.70'
BT 60.37'
LC 20.95'
LC 20.95'
Bent 1/4 12.12"

CIRCULAR CURVE DATA
Δ 35° 31' 55" D.I.
D 5° 00' 00" D.I.
L 1909.06'
T 6117.96'
P 1.80'
X 249.09'
Y 5.16'
Z 166.70'
BT 60.37'
LC 20.95'
LC 20.95'
Bent 1/4 12.12"

Contract 4
Stage 2 Construction
HARTLAND-HARTFORD
191-1-100
Sheet 92 of 102
Sheet 9 of 102



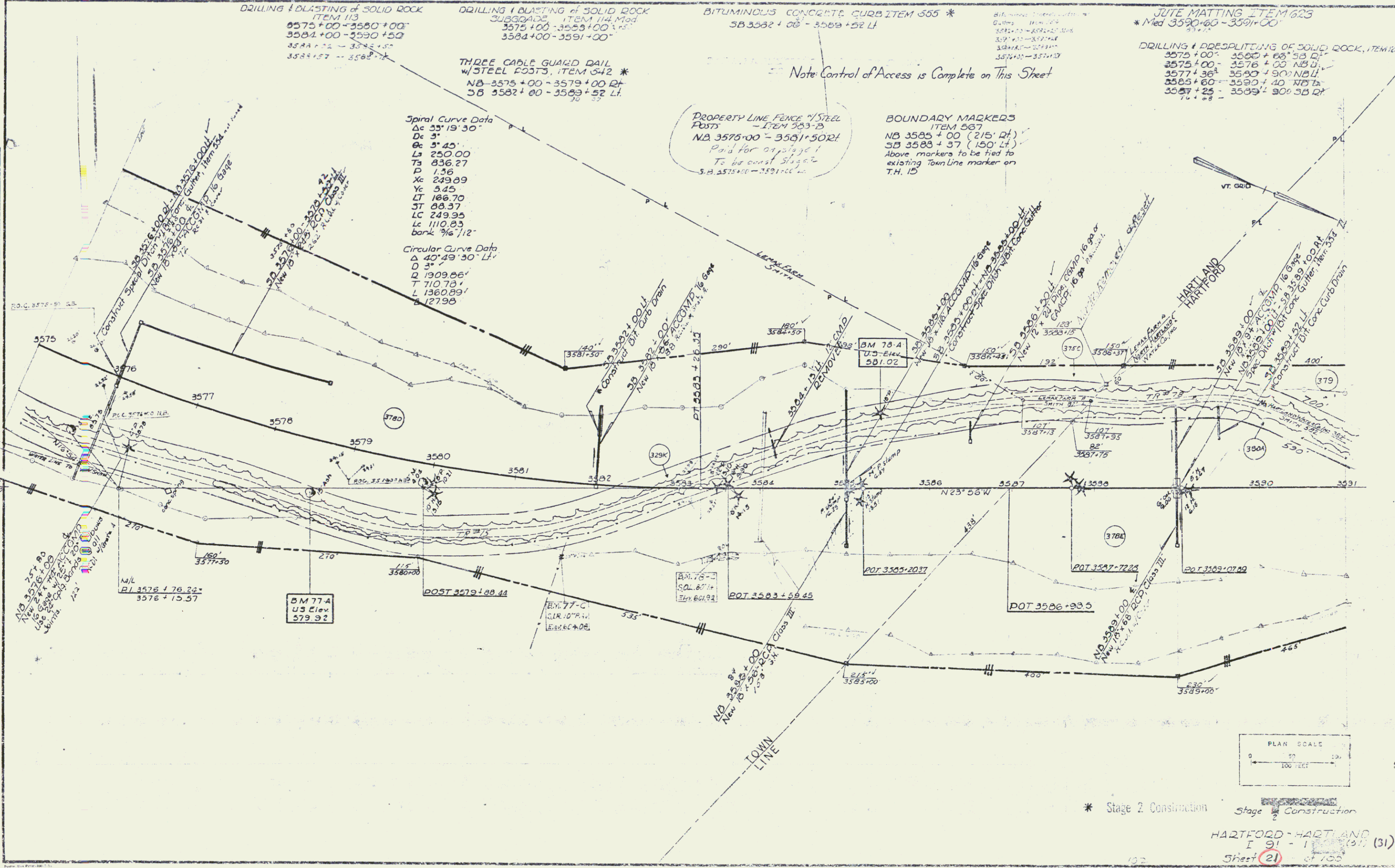
PLAN	DESIGNED BY	DATE
NO. 1	W. J. B. Smith	10/1/54
NO. 2	W. J. B. Smith	10/1/54
NO. 3	W. J. B. Smith	10/1/54
NO. 4	W. J. B. Smith	10/1/54
NO. 5	W. J. B. Smith	10/1/54
NO. 6	W. J. B. Smith	10/1/54
NO. 7	W. J. B. Smith	10/1/54
NO. 8	W. J. B. Smith	10/1/54
NO. 9	W. J. B. Smith	10/1/54
NO. 10	W. J. B. Smith	10/1/54

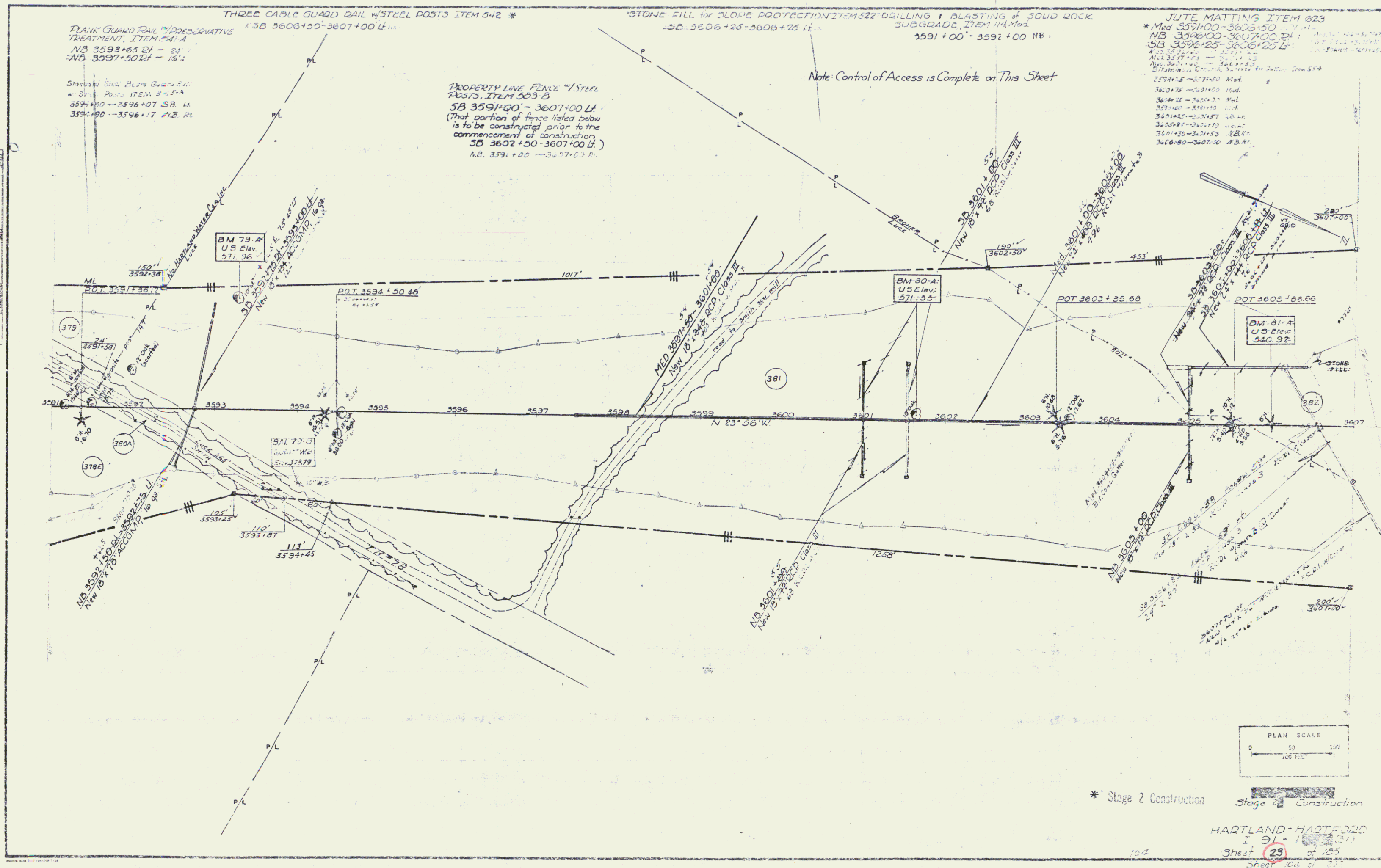


* Stage 2 Construction

HARTLAND - HARTFORD
I 91 - 1122
Sheet 19 of 13
Sheet 100 of 222

PLAN	SECTION	DATE	BY	CHKD
10/1/77	10/1/77	10/1/77	10/1/77	10/1/77
10/1/77	10/1/77	10/1/77	10/1/77	10/1/77
10/1/77	10/1/77	10/1/77	10/1/77	10/1/77
10/1/77	10/1/77	10/1/77	10/1/77	10/1/77





PLAN	1
SECTION	1
DATE	10/1/77
BY	W. J. B.
CHECKED	W. J. B.
APPROVED	W. J. B.
SCALE	1" = 100'

STONE CURB FOR SOLE PROTECTION
SALT 3624+25 TO 3624+55
MEDIAN 3624+55 TO 3625+00

Rev. S.B.
PI 3627+44.50
3625+92.40

* THREE CABLE GUARD RAIL w/
STEEL POSTS, ITEM 313.542
SB 3623+00 - 3626+02 LT
NB 3623+00 - 3623+56 RT

BITUMINOUS CONCRETE CURB
ITEM 303.5
NB 3623+00 - 3623+56 RT

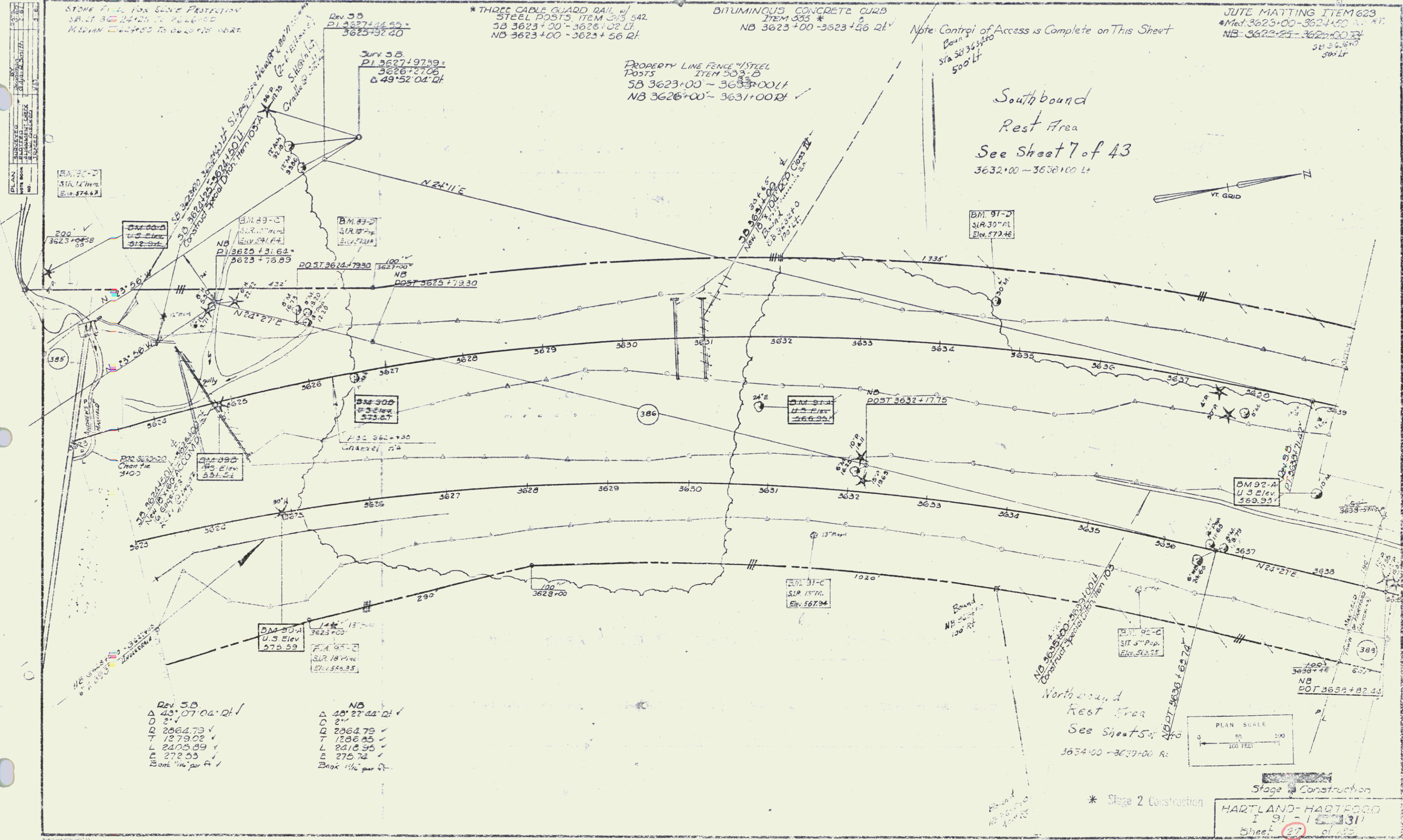
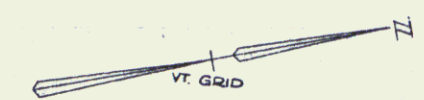
Note: Control of Access is Complete on This Sheet

JUTE MATTING ITEM 623
Med. 3623+00 - 3624+50 N. A. T.
NB 3623+25 - 3624+00 RT
SB 3623+00 - 3624+00 LT

Surv. S.B.
PI 3627+97.39
3626+27.06
Δ 49° 52' 04" RT

PROPERTY LINE FENCE (STEEL
POSTS
ITEM 303.5
SB 3623+00 - 3633+00 LT
NB 3626+00 - 3631+00 RT

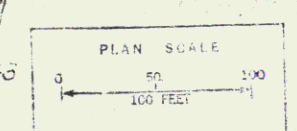
Southbound
Rest Area
See Sheet 7 of 43
3632+00 - 3638+00 LT



Rev. S.B.
Δ 43° 07' 04" RT
D 2' ✓
R 2064.73 ✓
T 1273.02 ✓
L 2405.89 ✓
E 272.53 ✓
Cont. 1/16" per A

NB
Δ 40° 23' 44" RT
D 2' ✓
R 2064.79 ✓
T 1206.85 ✓
L 2418.95 ✓
E 275.74 ✓
Cont. 1/16" per A

Northbound
Rest Area
See Sheet 5 of 43
3634+00 - 3639+00 RT

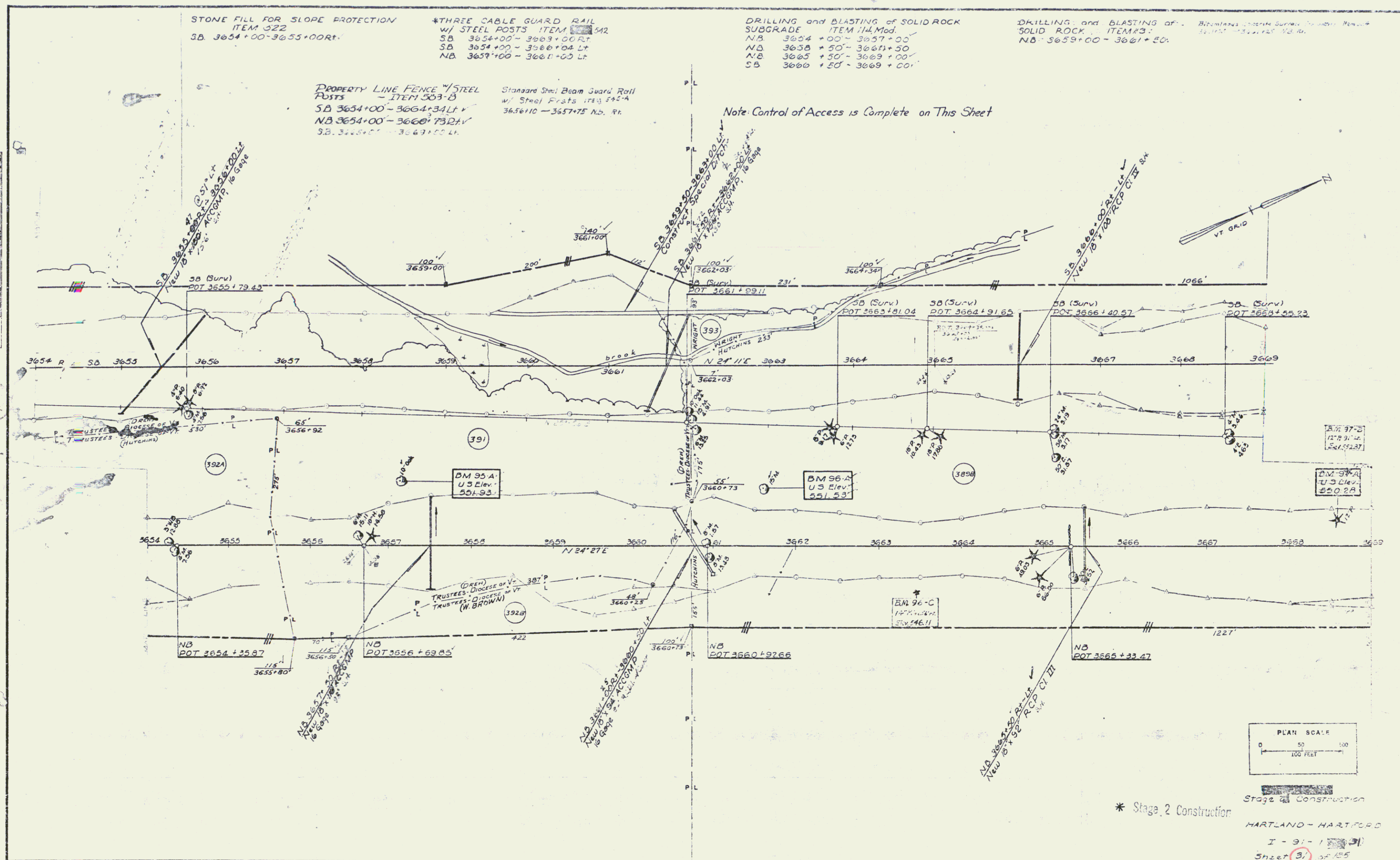


* Stage 2 Construction

Stage 2 Construction

HARTLAND-HARTFORD
1 91 1 311
Sheet 27 of 43
Sheet 103 of 242

PLAN	REVISIONS	DATE
1	1	10/1/55
2	2	10/1/55
3	3	10/1/55
4	4	10/1/55
5	5	10/1/55
6	6	10/1/55
7	7	10/1/55
8	8	10/1/55
9	9	10/1/55
10	10	10/1/55



SH-100 2.00 Roll
 3669+10 - 3670+70 NB 4" 1/2
 3669+65 - 3670+00 NB 4" 1/2

DRILLING AND BLASTING OF
 SOLID ROCK SUBGRADE ITEM 14 Mod
 SB 3669+00 - 3672+50
 NB 3669+00 - 3671+50

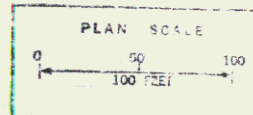
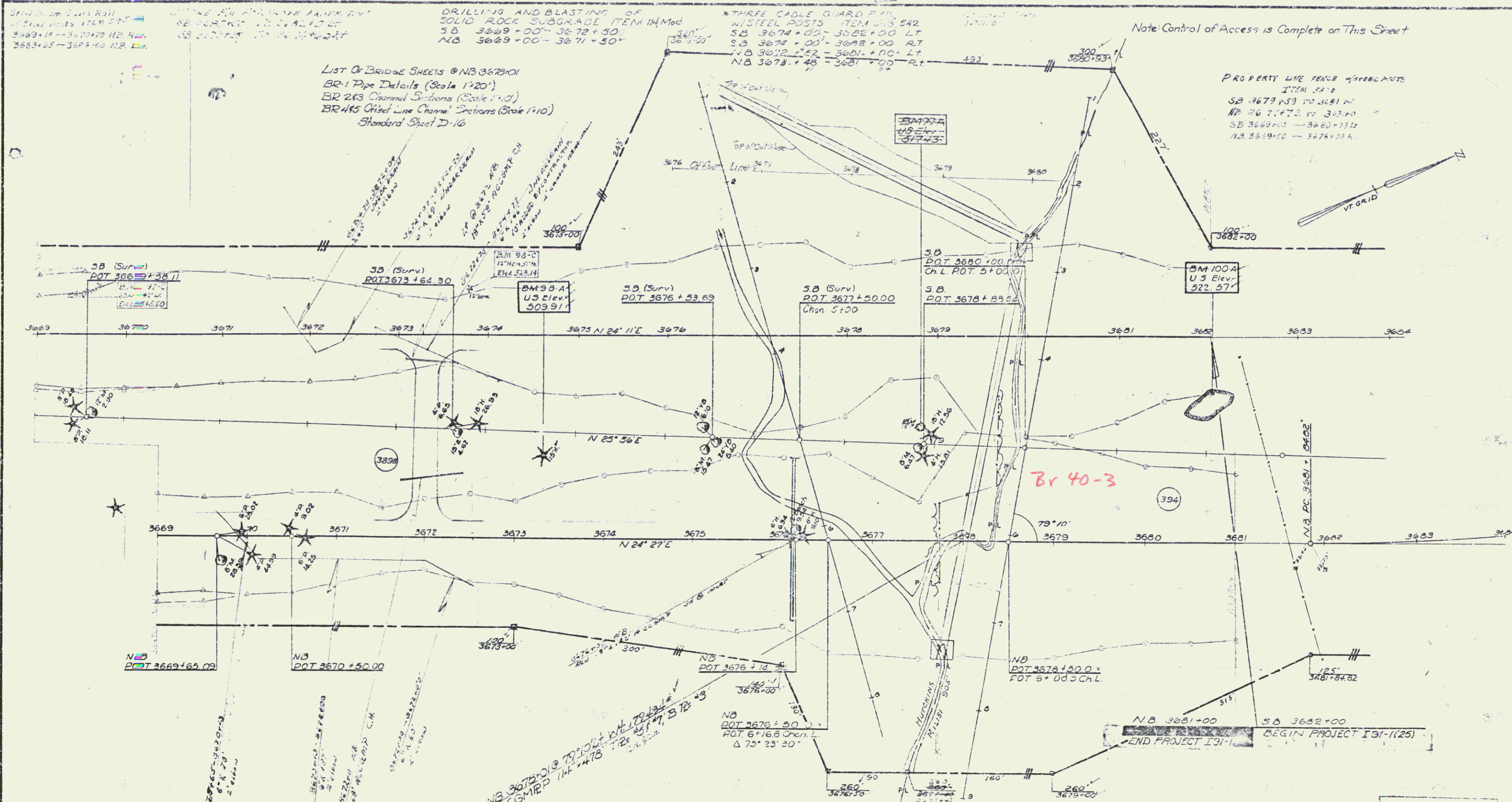
*THREE CABLE GUARD RAIL
 W/STEEL POSTS ITEM 542
 SB 3674+00 - 3682+00 LT
 SB 3674+00 - 3682+00 RT
 NB 3672+52 - 3681+00 LT
 NB 3678+48 - 3681+00 RT

Note: Control of Access is Complete on This Sheet

LIST OF BRIDGE SHEETS @ NB 367B01
 BR-1 Pipe Details (Scale 1"=20')
 BR-243 Channel Sections (Scale 1"=10')
 BR-445 Offset Line Channel Sections (Scale 1"=10')
 Standard Sheet D-16

PROPERTY LINE FENCE 4" REBAR
 ITEM 542
 SB 3679+53 TO 3681+00
 NB 3677+72 TO 3680+00
 SB 3669+00 - 3669+33
 NB 3669+00 - 3675+00

PLAN	NO.	DATE	BY	CHKD	APPD
DESIGNED	1	11/11/00	J. J. J.	J. J. J.	J. J. J.
CHECKED	2	11/11/00	J. J. J.	J. J. J.	J. J. J.
APPROVED	3	11/11/00	J. J. J.	J. J. J.	J. J. J.



* Stage 2 Construction

Stage 2 Construction

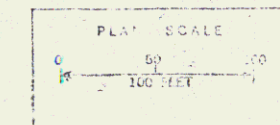
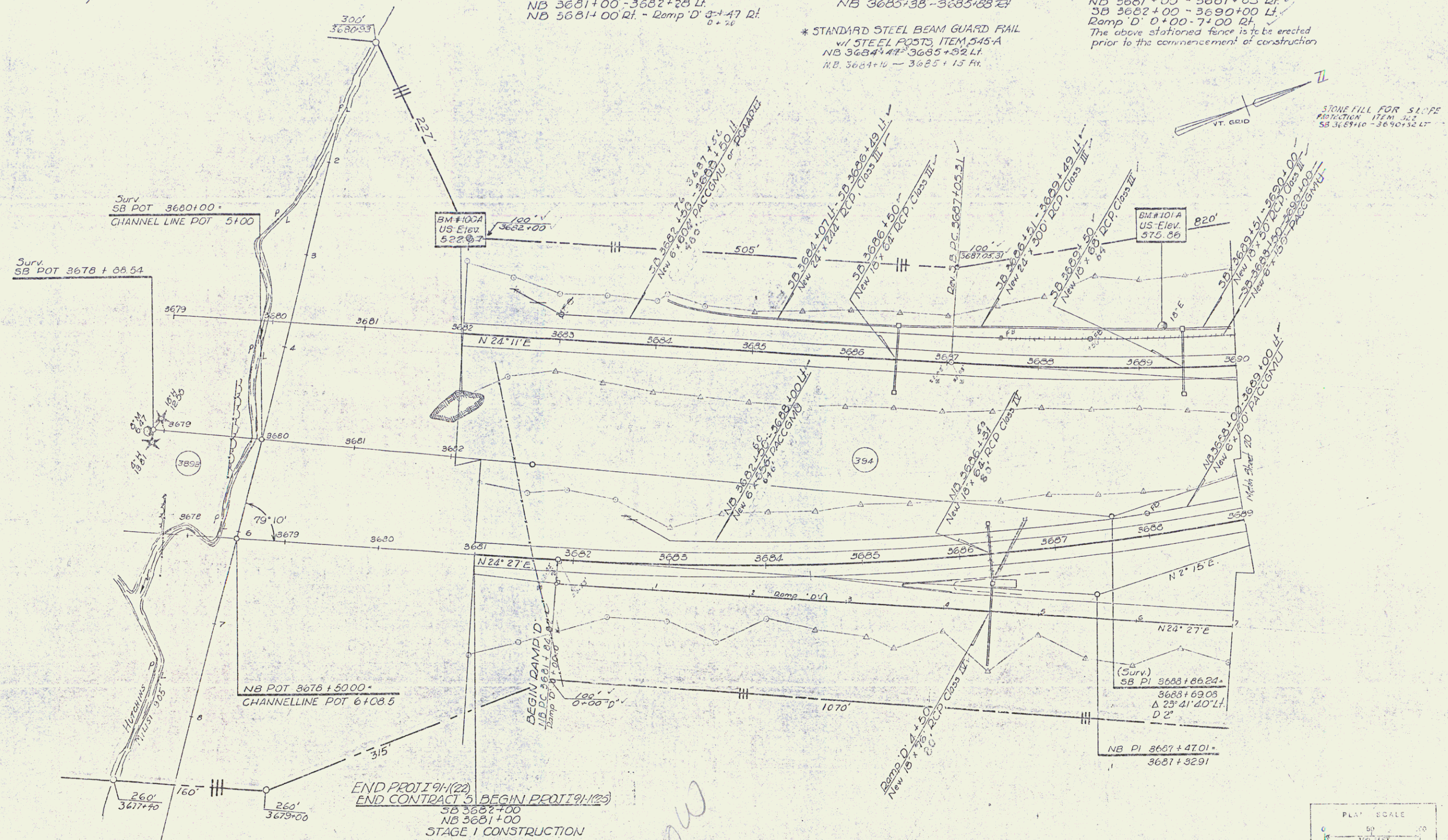
HARTFORD-HARTLAND
 I-91-125
 Sheet 33 of 135
 Sheet 111 of 342

* BITUMINOUS CONCRETE GUTTER ITEM 334
Ramp D 4+50 - 4+75 LT

* THREE CABLE GUARD RAIL
w/ STEEL POSTS, Item 543.542
NB 3681+00 - 3682+28 LT
NB 3681+00 RT - Ramp D 3+47 RT
0+20

* GRANITE SLOPE EDGING Item 538-A
RAMP D 3+36 - 4+06 LT
NB 3685+38 - 3685+68 RT
* STANDARD STEEL BEAM GUARD RAIL
w/ STEEL POSTS, ITEM 545-A
NB 3684+47 - 3685+52 LT
N.B. 3684+10 - 3685+15 RT

PROPERTY LINE FENCE
w/ STEEL POSTS, Item 583-D,
NB 3681+00 - 3681+85 RT
SB 3682+00 - 3690+00 LT
Ramp D 0+00 - 7+00 RT
The above stationing fence is to be erected
prior to the commencement of construction



Stage 2 Construction

Ramp D
HARTLAND - HARTFORD
151 - 1'25' (51)
159 - 1'25' Interchange
Sheet 18 of 26
Date: 11/5 of 2022

* Indicates Stage 2 Construction

CONTROL OF ACCESS
COMPLETE ON THIS SHEET

* BITUMINOUS CONCRETE GUTTER ITEM 554

SB 3694+71.52 - NB 3695+00 LT

SB 3701+20 SB 371-NB LT

3701+20 NB RT
3692+74 SB RT
3693+54 SB RT

BITUMINOUS CONCRETE CURB ITEM 555
2100+65 - 3701+25 NB RT

NB CURVE #1
Δ 22° 12' 20" LT
D 2' 00'
T 2804.79
L 1110.28
E 34.44
Bank 1/4% per ft

* STANDARD STEEL BEAM GUARD RAIL

W/ STEEL POSTS ITEM 545-A

SB 3701+99 RT - 3702+00

SB 3702+00 RT - NB 3702+00 LT

* THREE CABLE GUARD RAIL

W/ STEEL POSTS ITEM 542

NB 3700+04 - 3701+88 RT

SB 3701+25 - 3701+91 LT

NB 3700+06 - 3702+00 LT

Rev. S.B. Curve #1
Δ 21° 56' 40" LT
D 2'
R 2804.79
T 553.42
L 1097.22
E 32.37
Bank 1/4% per ft

PROPERTY LINE FENCE

W/ STEEL POSTS, ITEM 583-B

SB 3690+00 - 3695+67 LT

Ramp D 7+00 - 10+00 LT

(The above stationing fence is to be erected prior to the commencement of construction)

Ramp E 17+00 - 17+37 LT

* GRANITE SLOPE EDGING ITEM 556-A

Ramp E 17+00 - 17+37 LT

DRILLING & BLASTING OF SOLID

ROCK SUBGRADE, ITEM 114

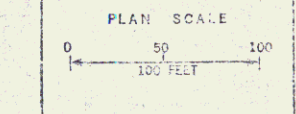
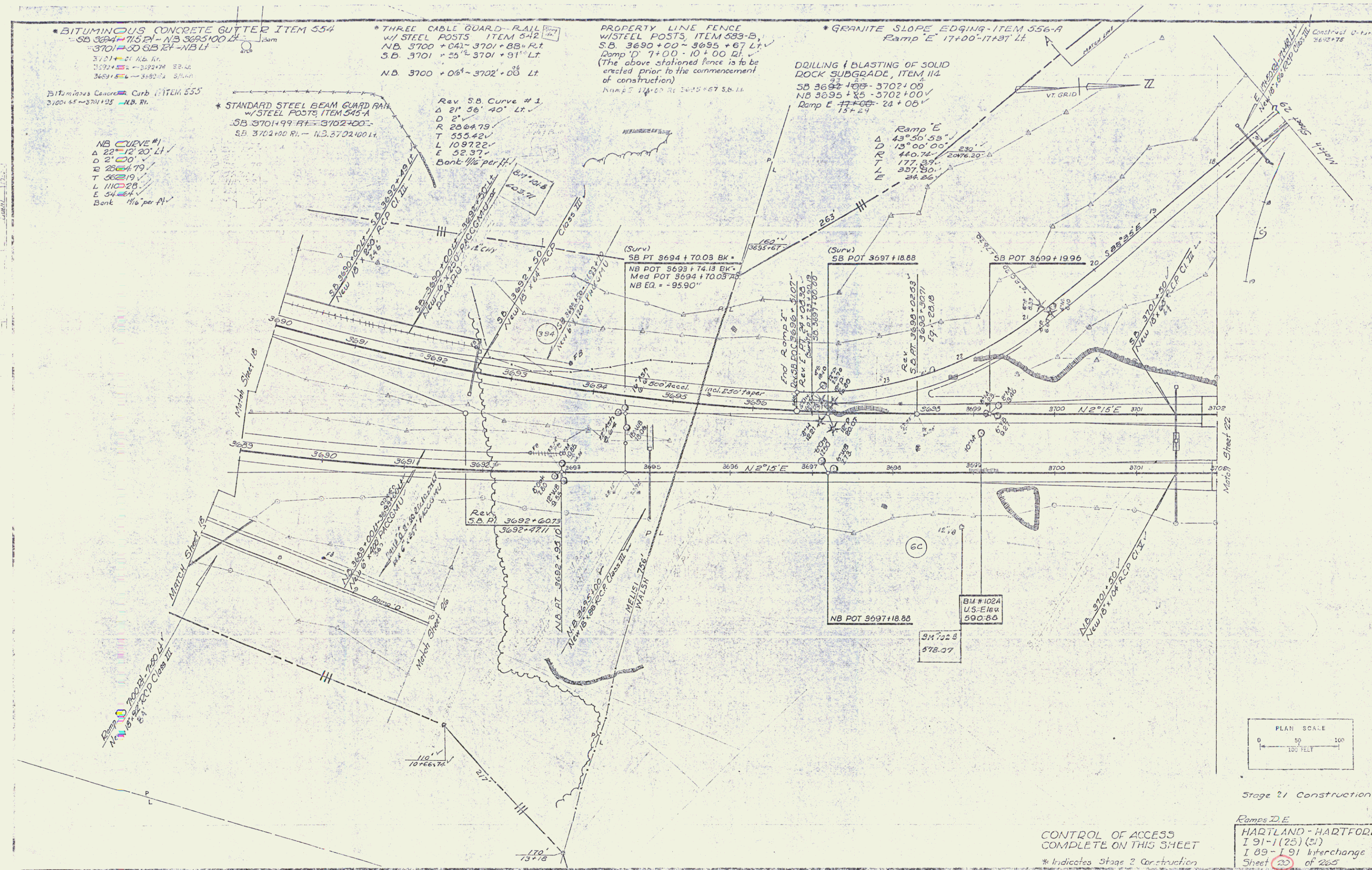
SB 3692+16 - 3702+00

NB 3695+85 - 3702+00

Ramp E 17+00 - 24+00

13+24

Ramp E
Δ 43° 50' 53"
D 13° 00' 00"
R 177.39
T 2076.20
L 327.80
E 24.26

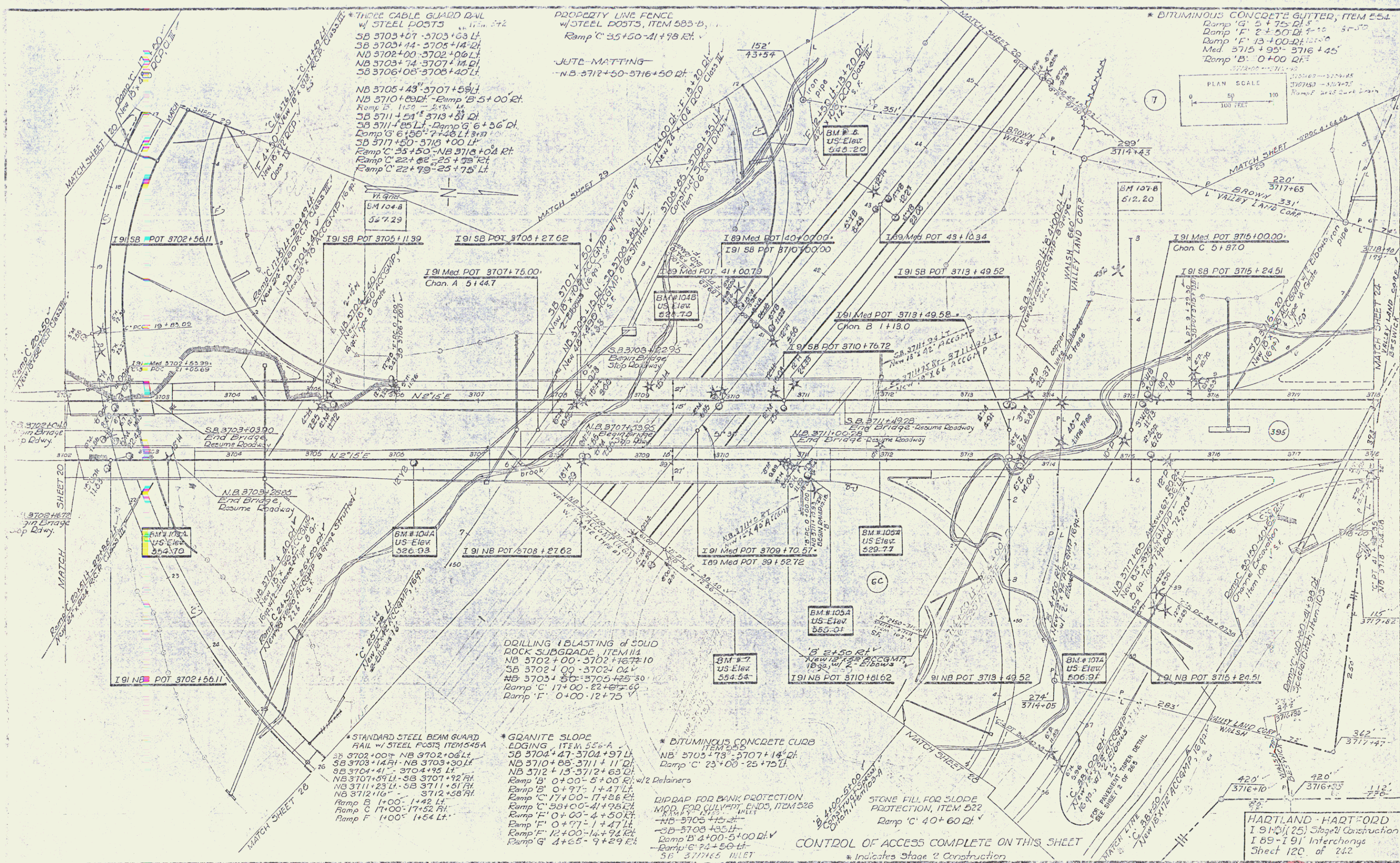


Stage 2 Construction

CONTROL OF ACCESS
COMPLETE ON THIS SHEET

* Indicates Stage 2 Construction

Ramps D, E
HARTLAND - HARTFORD
I 91 - I 25 (21)
I 89 - I 91 Interchange
Sheet 22 of 24



DRILLING & BLASTING OF SOLID ROCK, SUBGRADE
ITEM 114 H RAMP 4150-6150

CONSTRUCT 3724+25

PROPERTY LINE FENCE w/
STEEL POSTS, ITEM 585-B
NB 3718+04-3724+00 Rt.
Ramp 'H' 0+17-7+13 Rt.

STONE FILL for SLOPE PROTECTION
ITEM 522
SB 3718+50 Lt. Ramp 'H' 4+43 Lt.
Ramp 'H' 3+00 Rt. SB 3724+00 Lt.
Ramp 'H' 6+50-7+13 Rt.

* THREE CABLE GUARD RAIL
w/ STEEL POSTS, ITEM 542
NB 3718+04-3719+69 Lt.
SB 3713+00-3721+02 Lt.
NB 3722+40-3724+00 Lt.
Ramp 'H' 0+17-4+01 Lt. (m)
Ramp 'H' 3+00-5+40 Lt.
Ramp 'H' 5+45-7+13 Lt.

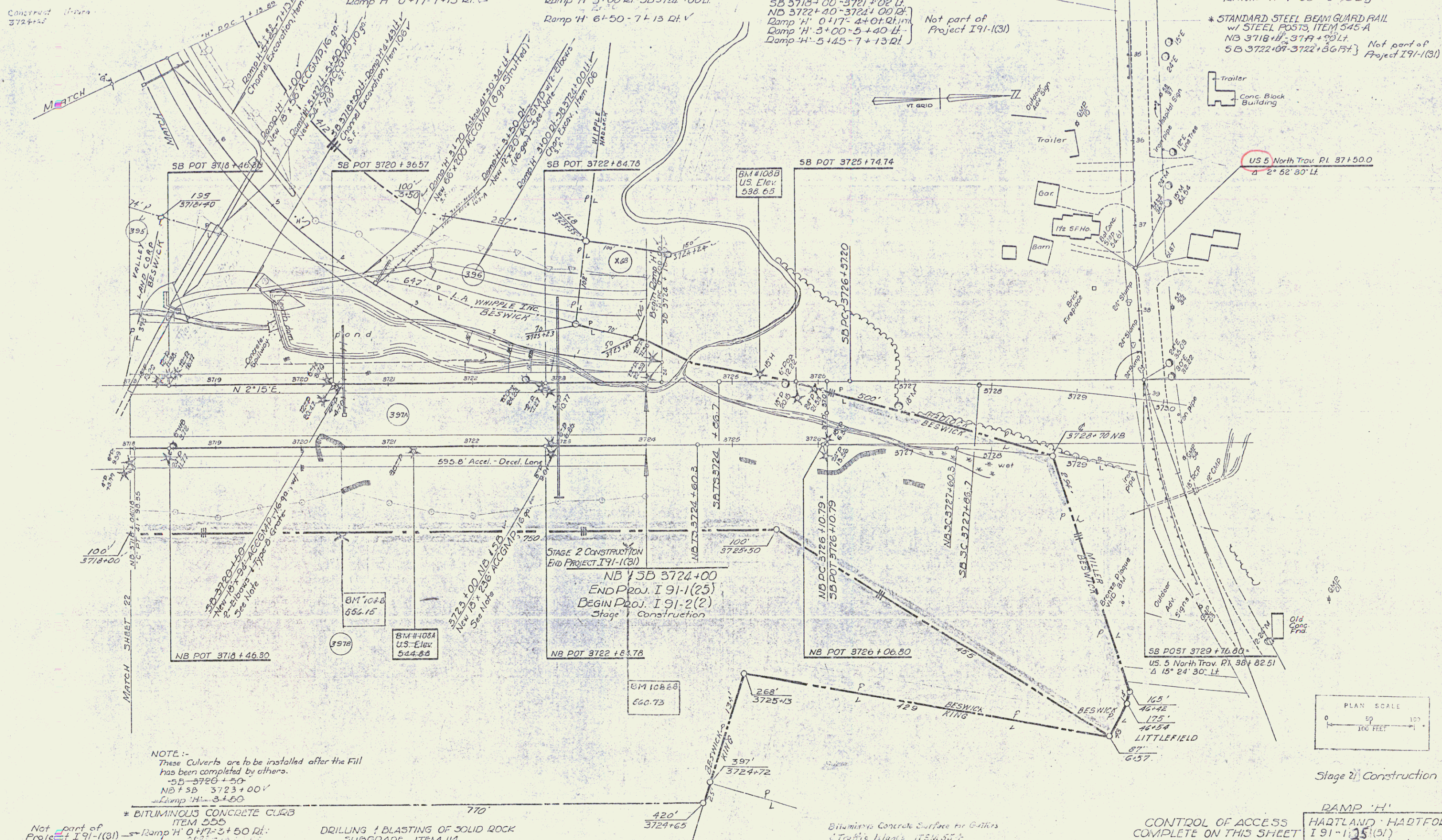
JUTE MATTING, ITEM 623
SB 3719+50-3724+00 Lt.
Med 3720+50-3722+50

* GRANITE SLOPE EDGING,
ITEM 556-A
SB 3721+98-3722+48 Lt.
RAMP 'H' 1+65-2+15 Lt.

* STANDARD STEEL BEAM GUARD RAIL
w/ STEEL POSTS, ITEM 545-A
NB 3718+04-3719+00 Lt.
SB 3722+07-3722+36 Lt.

Not part of
Project I 91-1(31)

Not part of
Project I 91-1(31)



NOTE:-
These Culverts are to be installed after the Fill
has been completed by others.
-SB-3726+50
NB+SB-3723+00 V
-Ramp 'H'-3+50

* BITUMINOUS CONCRETE CURB
ITEM 555
Not part of
Project I 91-1(31) - Ramp 'H' 0+17-3+50 Rt.

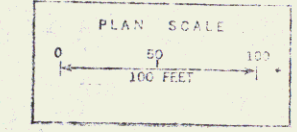
DRILLING & BLASTING OF SOLID ROCK
SUBGRADE, ITEM 114
Ramp 'H' 4+43-6+00

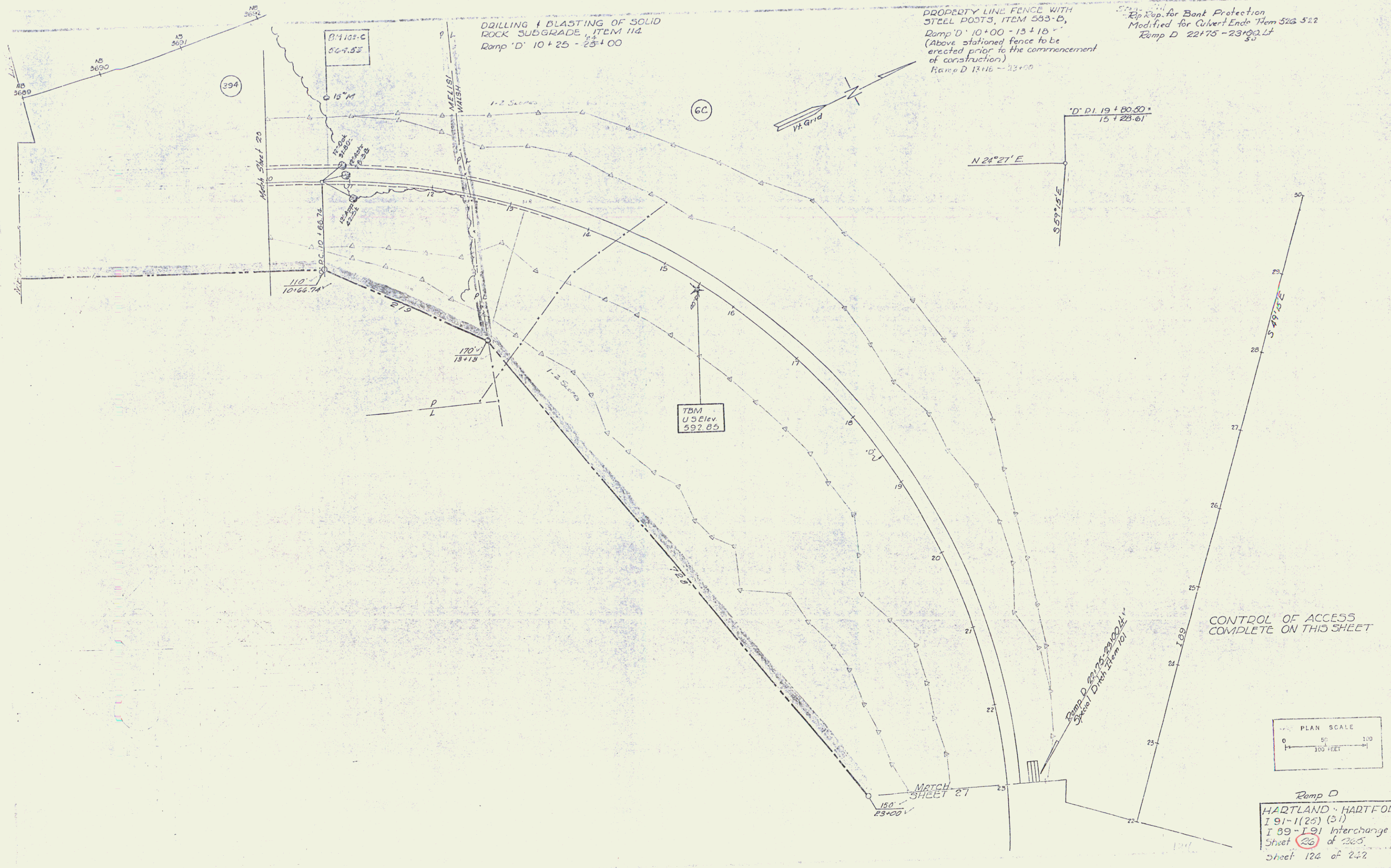
Bituminous Concrete Surface for Gutters
& Traffic Islands, ITEM 557
Ramp 'H' 1+65-5+40

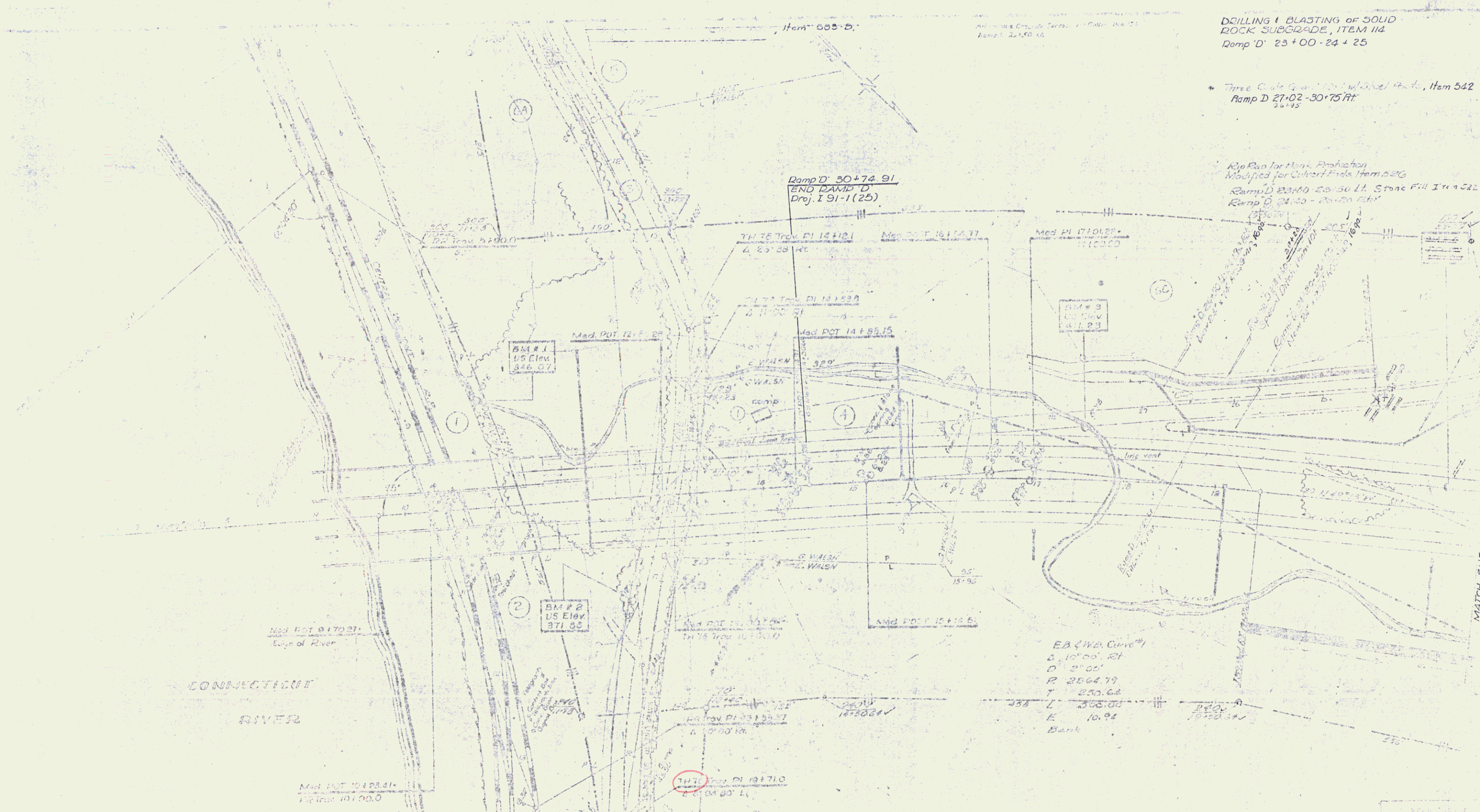
CONTROL OF ACCESS
COMPLETE ON THIS SHEET

* Indicates Stage 2 Construction

Stage 2 Construction
RAMP 'H'
HARTLAND - HARTFORD
I 91-1(31)
I 89-1(31) Interchange
Sheet 24 of 24







DRILLING & BLASTING OF SOLID
ROCK SUBGRADE, ITEM 114
Ramp D' 23+00 - 24+25

* Three Cuts 10' x 10' x 10' (10' x 10' x 10') Item 542
Ramp D' 27+02 - 30+75 ft

Rip Rap for Bank Protection
Modified for Culvert Field Item 526
Ramp D' 23+00 - 24+25 ft. Stone Fill Item 522
Ramp D' 24+25 - 25+20 ft.

EA & WA Curve #1
Δ 10°00' 24"
D 2°00'
R 2564.79
T 250.64
L 256.00
E 10.94
Bank

POOR ORIGINAL COPY
CONTROL OF ACCESS
COMPLETE ON THIS SHEET
*Indicates Stage 2 Construction

HARTLAND -
91-1(25)
Stage 2 Construction
Sheet 125 of 242
27 263

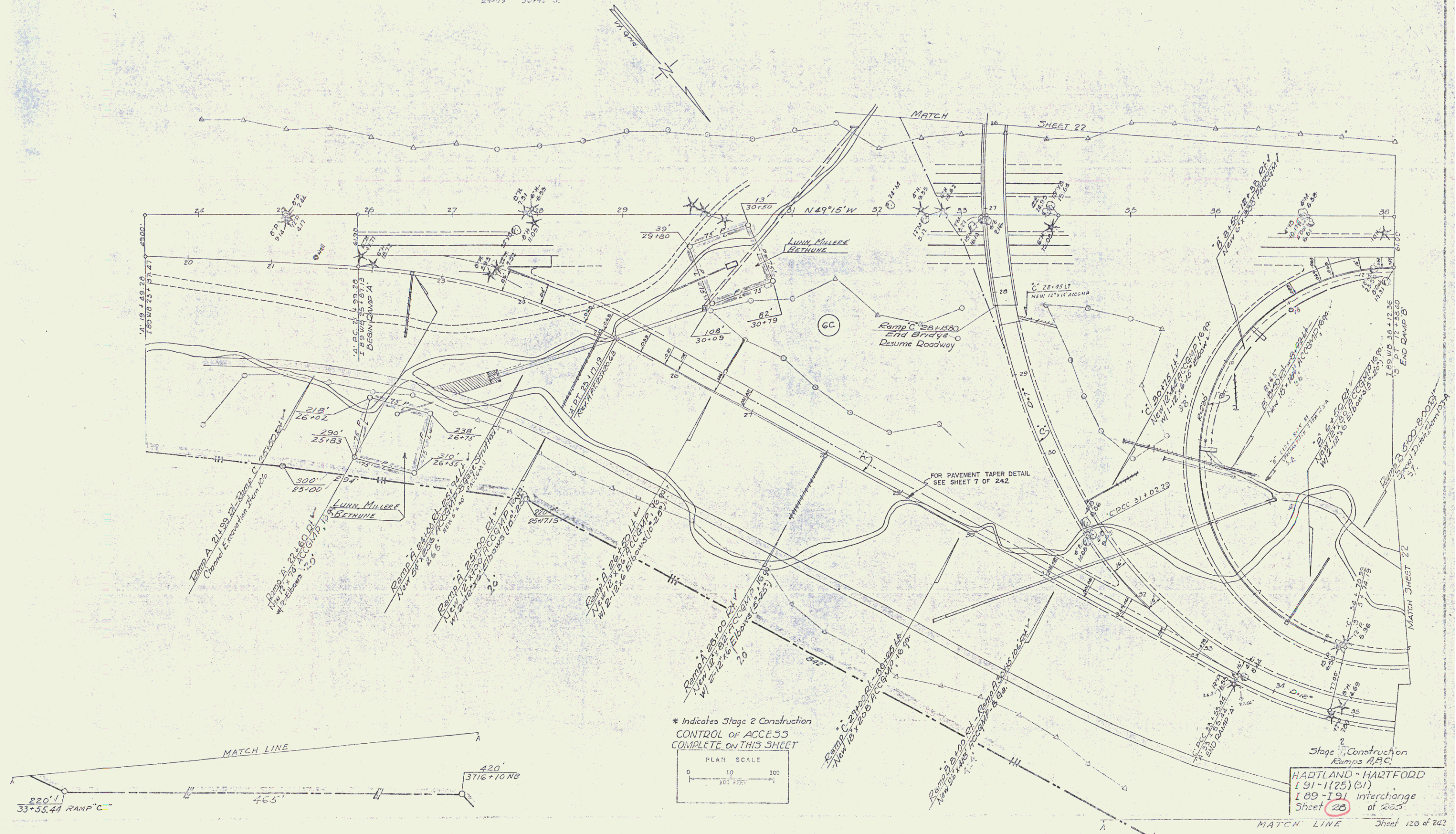
Property Line Fence w/ Steel Posts Item 283.3
 Ramp A 21+99-33+55 RT
 Ramp C 33+55-35+50 RT

* Granite Slope Edging, Item 556-A
 Ramp A 23+71-34+31 LT
 Ramp B 5+00-12+35 RT w/ Retainer

* Three Cable Guard Rail w/ Steel Posts
 A 21+99-35+50 RT Item 542
 B 3+00-8+00 RT
 C 28+27-30+59 RT
 A 25+50-29+05 LT
 B 30+59-31+75 LT

Julie Matting Item 283
 C 30+25-30+25 LT
 C 27+75-30+75 RT
 B 6+50 RT
 * Bituminous Concrete Curb Item 555
 Ramp A 21+99-21+50 RT
 Ramp A 26+30-29+05 LT
 Ramp C 28+31-30+75 LT

* Bituminous Concrete, Gutters Item 554
 Curb Drains
 B 8+00 RT
 B 10+50 RT
 C 28+35-29+55 LT
 Riprap for Bank Protection
 Mod for Culvert Ends Item 526
 Ramp B 5+00-8+00 RT
 Ramp A 24+00 RT



PROPERTY LINE FENCE w/
STEEL POSTS, ITEM 553-B,
Ramp C' 2+50-7+45 Rt.
Ramp H' 7+13-14+28 Rt.
Ramp C' 7+45-17+00 R.

The below stationed fence is to be
erected prior to the commencement
of construction
Ramp C' 2+50-7+45 Rt.
Ramp H' 8+40-14+28 Rt.

* GRANITE SLOPE EDGING,
ITEM 556-A

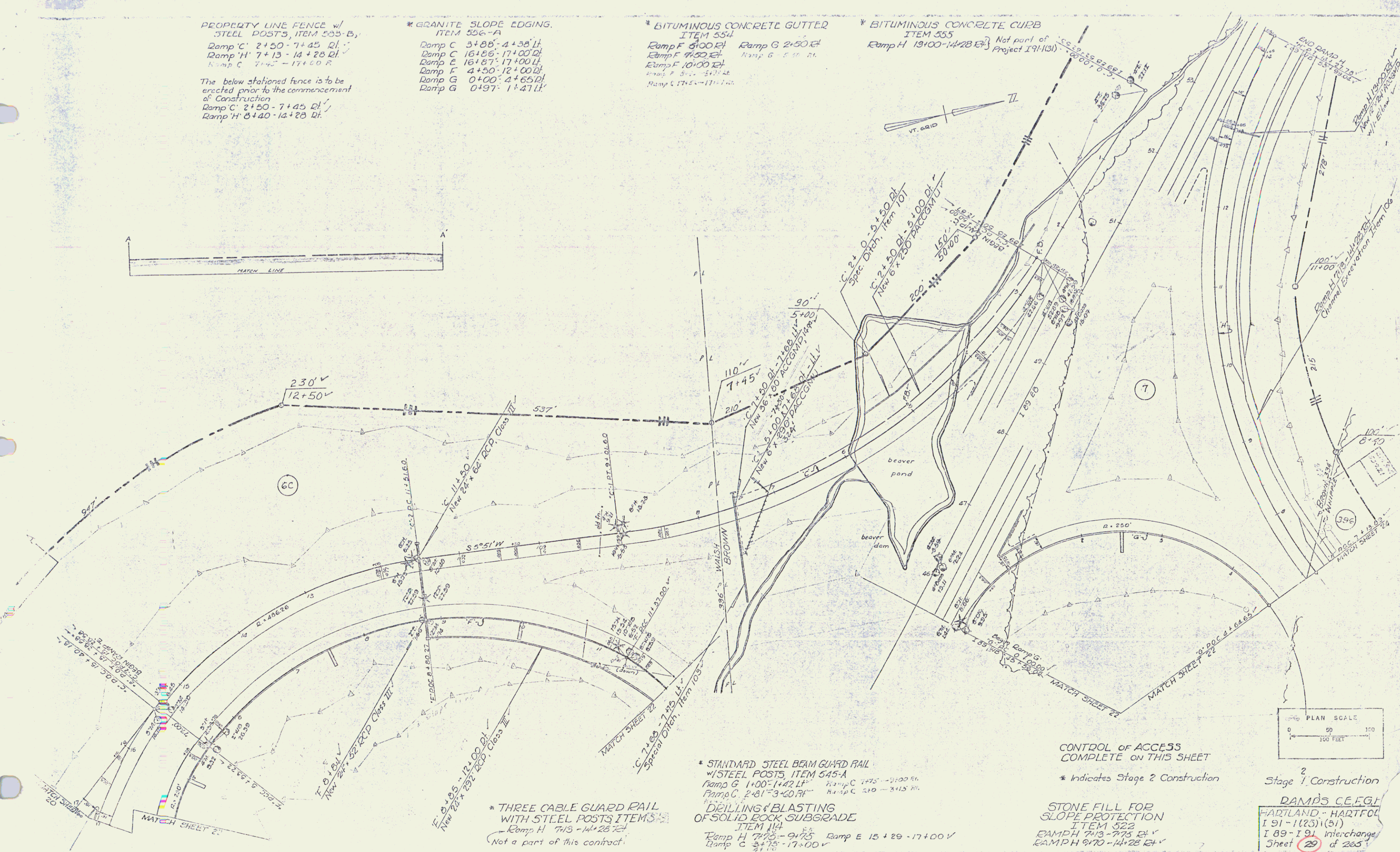
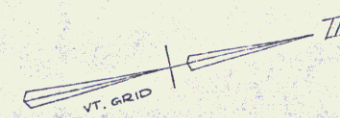
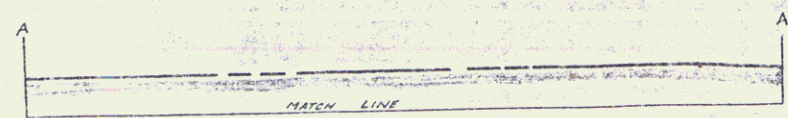
Ramp C 3+86-4+38 Lt.
Ramp C 16+86-17+00 Lt.
Ramp E 16+87-17+00 Lt.
Ramp F 4+50-12+00 Lt.
Ramp G 0+00-4+65 Lt.
Ramp G 0+97-1+47 Lt.

* BITUMINOUS CONCRETE GUTTER
ITEM 554

Ramp F 6+00 Rt. Ramp G 2+50 Rt.
Ramp F 7+50 Rt. Ramp G 5+50 Rt.
Ramp F 10+00 Rt.
Ramp F 5+50-6+15 Lt.
Ramp G 17+50-17+100

* BITUMINOUS CONCRETE CURB
ITEM 555

Ramp H 13+00-14+28 Rt. Not part of
Project I 91-131



* THREE CABLE GUARD RAIL
WITH STEEL POSTS ITEM 553-A
Ramp H 7+13-14+28 Rt.
Not a part of this contract

* STANDARD STEEL BEAM GUARD RAIL
WITH STEEL POSTS ITEM 545-A

Ramp G 1+00-1+42 Lt. Ramp C 1+70-2+00 Rt.
Ramp C 2+81-3+60 Rt. Ramp C 2+10-3+15 Rt.

DRILLING & BLASTING
OF SOLID ROCK SUBGRADE
ITEM 114

Ramp H 7+75-9+75 Ramp E 15+29-17+00 V
Ramp C 3+25-17+00 V
Ramp C 3+15

CONTROL OF ACCESS
COMPLETE ON THIS SHEET

* Indicates Stage 2 Construction

STONE FILL FOR
SLOPE PROTECTION
ITEM 522
RAMP H 7+13-9+75 Rt. V
RAMP H 9+70-14+28 Rt. V

Stage 2 Construction

RAMP'S CEEGL
HARTLAND - HARTFORD
I 91-1 (25) (31)
I 89-1 91 interchange
Sheet 29 of 265
Sheet 127 of 242

61