

SHEET NO.	TITLE PAGE
1	ALIGNMENT SHEET
2	TYPICAL CROSS SECTION OF IMPROVEMENT- INTERSTATE
3-4	(3) BITUMINOUS CONCRETE PAVEMENT, ITEM 301-B MOD.)
5	QUANTITY SHEET (ITEMS)
6-8	BLANK
9-10	QUANTITY SHEETS (DRAINAGE)
11-14	GRADE SHEETS STA. 2267+00 TO 2355+00
15-16	BLANK
17-21	GRADE SHEETS STA. 2355+00 TO 2452+00
22	BLANK
23-29	PLAN AND PROFILE STA. 2267+00 TO 2355+00
30-31	BLANK
32	PLAN STA. 2355+00 TO 2357+00
33	BLANK
34-43	PLAN AND PROFILE STA. 2357+00 TO 2452+00
44	BLANK
45	BLANK
46	BLANK
47	A-61 (SOLID ROCK EXCAVATION)
48	B-1 (BRACING TABLES)
49	B-5 (TYPICAL SLOPE GRADINGS)
50	B-15 (DRAIN TERMINALS)
51	B-17 (MEDIAN GUARD RAIL)
52	C-1 (CURBS)
53	D-1 (DRAINAGE)
54	D-3 (GUTTERS)
55	D-4 (FLUSHING BASINS AND ELBOWS)
56	D-8 (DROP INLET)
57	D-10 (DROP INLET TOP)
58	D-11 (DROP INLET GRATES, TYPE A)
59	D-16 (PREGAST DROP INLET, TYPE B GRATE)
60	E-1 (BARRICADES, SIGNS AND LIGHTS)
61	E-5A (SIGN POST FOOTINGS)
62	E-6 (COLLINEATORS)
63	E-11 (INTERSTATE ROUTE MARKERS)
64	E-14 (REGULATORY SIGNS)
65	E-19 (SIGN)
66	E-31 (CONSTRUCTION IDENTIFICATION SIGNS)
67	L-20 LOCATION SHEET
68	S-104 DETAIL SHEET
69	S-105 SUMMARY SHEET
70	BLANK
71	G-1 (BEAM GUARD RAIL)
72	G-3 (THREE CABLE GUARD RAIL W/STEEL POSTS)
73	G-4 (STEEL MARKER POSTS)
74	J-1 (PROJECT MARKERS)
75	BLANK
76-77	BRIDGE SHEETS, TOWN HIGHWAY 23 OVERPASS, STA. 2351+42.15

SHEET NO.	TITLE PAGE
78	BLANK
79-87	BRIDGE SHEETS V.T. RTE. 127 UNDERPASS, STA. 2450+11.19
88	88 10B-30-62
89-91	90B-D1, D4, D6-62
92-93	98-11-62
94	BLANK
95	BLANK
96-153	CROSS SECTIONS-INTERSTATE, STA. 2267+00 TO 2355+00
154-158	BLANK
159-258	CROSS SECTIONS-INTERSTATE, STA. 2355+00 TO 2452+00
259-265	BLANK

* SEE STAGE 1
I 89-3(19) C-1 or C-2

STATE OF VERMONT DEPARTMENT OF HIGHWAYS PROPOSED IMPROVEMENT

TOWN OF COLCHESTER COUNTY OF CHITTENDEN PROJECT I 89-3(29)

BEGINNING AT A POINT IN COLCHESTER 0.937 MILES NORTH OF THE WINOOSKI - COLCHESTER TOWN LINE AND EXTENDING NORTHERLY FOR A DISTANCE OF 3.563 MILES

CONTRACT # 1
STAGE 2 CONSTRUCTION

LENGTH OF ROADWAY 3.533 MILES OR 18,652.55 FEET
LENGTH OF BRIDGE 0.030 MILE OR 157.17 FEET
LENGTH OF CONTRACT 3.563 MILES OR 18,809.72 FEET

DESIGN DESIGNATION
ADT 1958 3000
ADT 1975 3000
DNV 1975 1200
S 50%
T 5%
F 5%
0.0 M.P.H.

PROJECT NAME & NUMBER TYPE PAVT. AREA
COLCHESTER I 89-3(29) C-1 BIT. CONC. 100,319 S.Y.
RECORD PLANS

MATERIALS
SUBBASE OF GRAVEL-CAMPBELL PIT-JERICO, VT.
SUBBASE OF CRUSHED ROCK, CRUSHED STONE SHOULDERS, STONE
PENETRATION MACADAM CRUSHED STONE BASE COURSE & STONE
GRITS-DEMERS QUARRY-WINOOSKI, VT.
REFINED TAR & ASPHALT-MOBIL OIL CO.-ALBANY, N.Y.
TAR EMULSION-TRIRAM CORP.-FRAMINGHAM, MASS.
BITUMINOUS CONCRETE-VERMONT PAVING CORP.-WILLISTON, VT.
JOINT SEALER-HOT POURED-CASS-WARNER, INC.-ESSEX JUNCTION, VT.
CONCRETE CLASS "B", GUARD RAIL, STEEL MARKER POSTS, BOUNDARY MARKERS & PRECAST
REINF. CONC. DROP INLETS W/C.I. GRATES & FRAMES-ST. GRISWOLD & CO., INC.-WILLISTON, VT.
REINFORCING STEEL-REPUBLIC STEEL CORP.-BOSTON, MASS.
ASPH. CTD. CORR. GALV. METAL PIPE & C.I. COVER FOR FLUSHING BASIN-NEW ENGLAND METAL
CULVERT CO.-WHITE RIVER JUNCTION, VT.
GRANITE BRIDGE CURB-ROCK OF AGES CORP.-BARRE, VT.
TRAFFIC SIGNS & DELINEATORS-STANDARD SIGN & SIGNAL CO.
-CLINTON, MASS.

CONTRACTOR-FRANK W. WHITCOMB CONST. CORP. CONTRACT:
BELLOWS FALLS, VT. DATED-JANUARY 7, 1964.
CHIEF RESIDENT ENGINEER-J.A. SMYRSKI. STARTED-JUNE 3, 1964.
RESIDENT ENGINEER-DONALD H. REMICK. COMPLETED-NOV. 19, 1964.
INSPECTORS-W.H. WILLIAMS, M. CARPENTER, G.R. DEAN & T. MORTON. ACCEPTED-NOV. 19, 1964.
RECORD PLANS-W.H. WILLIAMS.

COLCHESTER - I 89-3(29) C-1, Stage 2
CONTH-FRANK W. WHITCOMB CONST. CORP.
BELLOWS FALLS, VT.
RECORD PLANS-W.H. WILLIAMS, 64.
CONST. COMP-NOVEMBER 19, 1964.

COLCHESTER
PROJECT I 89-3(29) CONTRACT I, STAGE 2
TYPE BITUMINOUS CONCRETE PAVEMENT
E STAGE I: I 89-3(19) C-1 & C-2
CONTRACTOR FRANK W. WHITCOMB CONSTRUCTION CORP.
BELLOWS FALLS, VT.
Location Beginning at a point in Colchester 0.937 miles north of
Winchester-Colchester Town Line and extending northerly 3.563 miles

Box 201 3381

APPROVED: R.H. Currier
ASST. CHIEF ENGINEER
DATE Nov. 13, 1963

E. W. Michener
Nov. 13, 1963

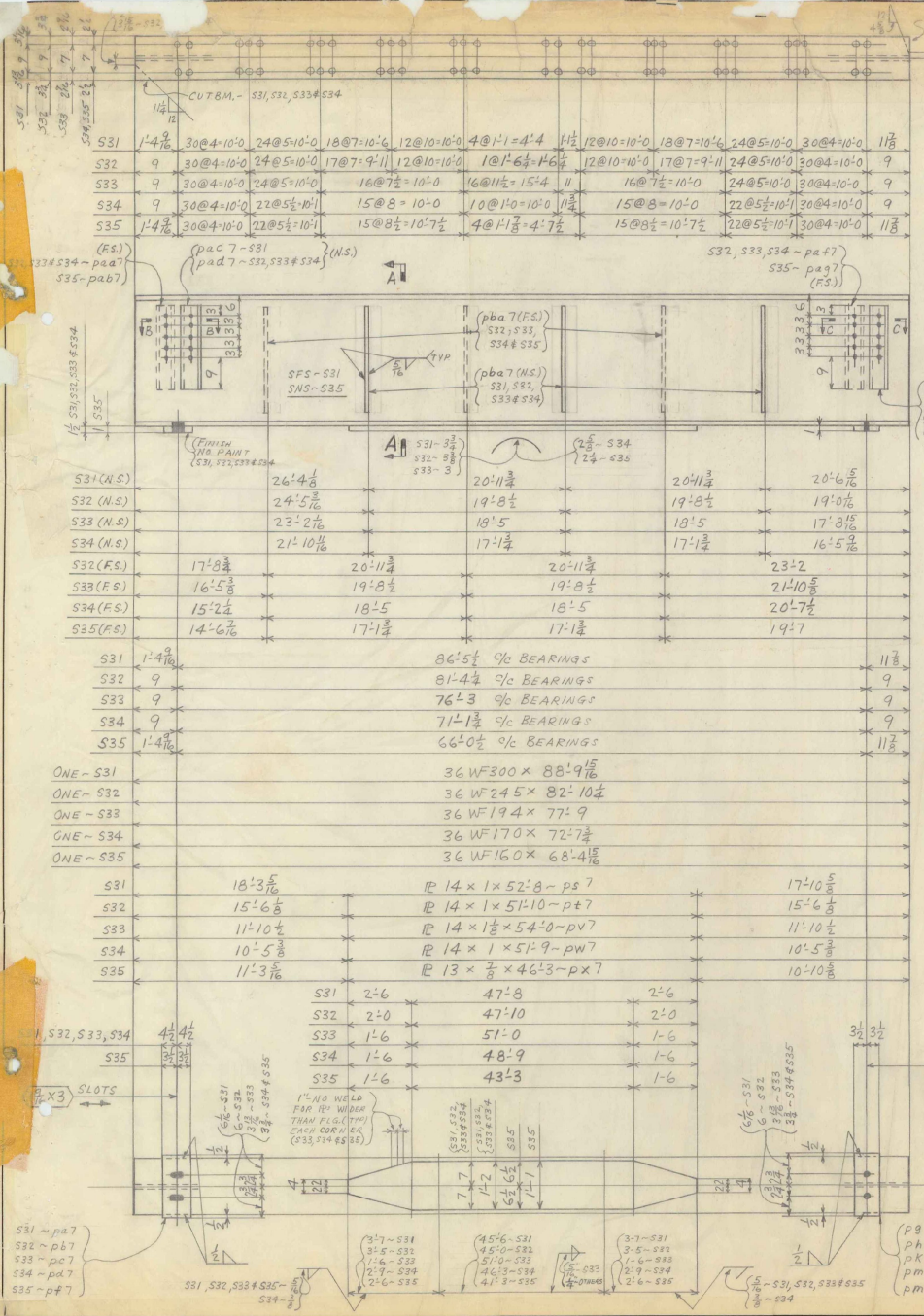
L. M. Brown
Nov. 13, 1963

Nov. 13, 1963

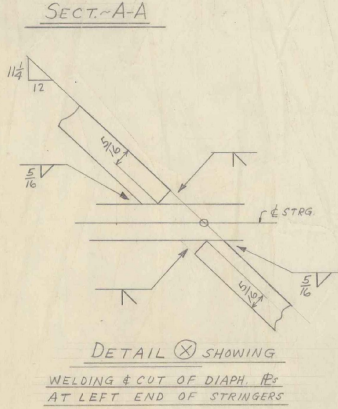
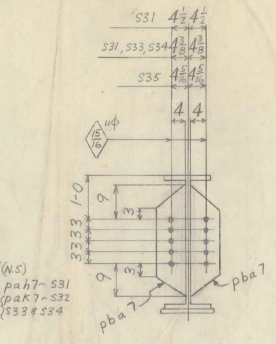
L. M. Lane
11/14/63

R. D. Bishop
11/14/63

SHEET NO.	TITLE
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2	TYPICAL CROSS SECTION OF IMPROVEMENT-INTERSTATE
3-4	12" 8" 4" 2" 1" 1/2" 1" 1/4" 1" 1/8" 1" 1/16" 1" 1/32" 1" 1/64" 1" 1/128" 1" 1/256" 1" 1/512" 1" 1/1024" 1" 1/2048" 1" 1/4096" 1" 1/8192" 1" 1/16384" 1" 1/32768" 1" 1/65536" 1" 1/131072" 1" 1/262144" 1" 1/524288" 1" 1/1048576" 1" 1/2097152" 1" 1/4194304" 1" 1/8388608" 1" 1/16777216" 1" 1/33554432" 1" 1/67108864" 1" 1/134217728" 1" 1/268435456" 1" 1/536870912" 1" 1/1073741824" 1" 1/2147483648" 1" 1/4294967296" 1" 1/8589934592" 1" 1/17179869184" 1" 1/34359738368" 1" 1/68719476736" 1" 1/137438953472" 1" 1/274877906944" 1" 1/549755813888" 1" 1/1099511627776" 1" 1/2199023255552" 1" 1/4398046511104" 1" 1/8796093022208" 1" 1/17592186044416" 1" 1/35184372088832" 1" 1/70368744177664" 1" 1/140737488355328" 1" 1/281474976710656" 1" 1/562949953421312" 1" 1/1125899906842624" 1" 1/2251799813685248" 1" 1/4503599627370496" 1" 1/9007199254740992" 1" 1/18014398509481984" 1" 1/36028797018963968" 1" 1/72057594037927936" 1" 1/144115188075855872" 1" 1/288230376151711744" 1" 1/576460752303423488" 1" 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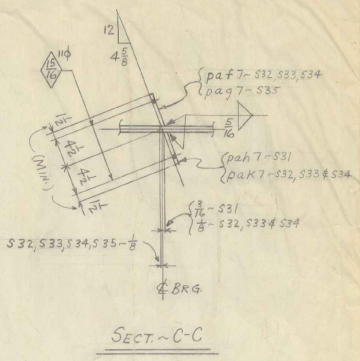
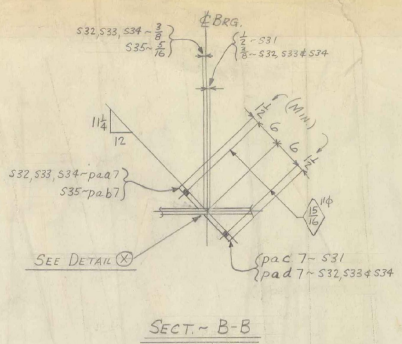


CUT 8M - S32
S35
S32, S33, S34



ALL MATERIAL & LABOR ON
SHEAR STUDS ON CONT. 59-71-1

NO.	MARK	DESCRIPTION	LENGTH FT. IN.	WEIGHT
59-71-1 (SHEAR STUDS)				
1570		3/4" STUDS	0 6 1/2	



BILL OF MATERIAL				
NO.	MARK	DESCRIPTION	LENGTH FT. IN.	WEIGHT
BEAMS - 1-S31, 1-S32, 1-S33, 1-S34 & 1-S35				
1		36 WF 300	88' 9 1/5	837.53
1		36 WF 245	82' 10 1/4	637.53
1		36 WF 194	77' 9	537.53
1		36 WF 170	72' 7 1/2	437.53
1		36 WF 160	68' 4 1/5	337.53
1		pa7 SOLE PL 9 x 14	1 5 1/2	1.5
1		pa7 SOLE PL 9 x 14	1 5 1/2	1.5
1		pa7 SOLE PL 9 x 14	1 1 1/2	1.5
1		pa7 SOLE PL 9 x 14	1 1	1.5
1		pa7 SOLE PL 7 x 1	1 5 1/2	1.5
1		pa7 SOLE PL 7 x 1	1 5 1/2	1.5
1		pa7 SOLE PL 7 x 1	1 1 1/2	1.5
2		pm7 SOLE PL 7 x 1	1 1	1.5
1		ps7 PL 14 x 1	52' 8	52.8
1		pe7 PL 14 x 1	51' 10	51.1
1		pv7 PL 14 x 1	51' 10	51.1
1		pw7 PL 14 x 1	51' 10	51.1
1		px7 PL 13 x 1	46' 3	46.3
3		pa7 PL 7 x 1	2 0	2.0
1		pa7 PL 7 x 1	2 0	2.0
1		pa7 PL 7 x 1	2 0	2.0
3		pa7 PL 6 x 1	2 0	2.0
1		pa7 PL 6 x 1	2 0	2.0
1		pa7 PL 6 x 1	2 0	2.0
24		pa7 PL 6 x 1	2 6	2.6

VERMONT STRUCTURAL STEEL CORP.
BURLINGTON, VT.

PROJECT: UNDERPASS STA. 388+04.1 STRUCT. 59-71-1
LOCATION: MIDDLESEX, VT.
CUSTOMER: RALPH GOODRICH

DRAWN BY: SFG 5-28-59
CHECKED BY: SFG 6-23-59

NOTES: AS NOTED
REVISIONS: NONE

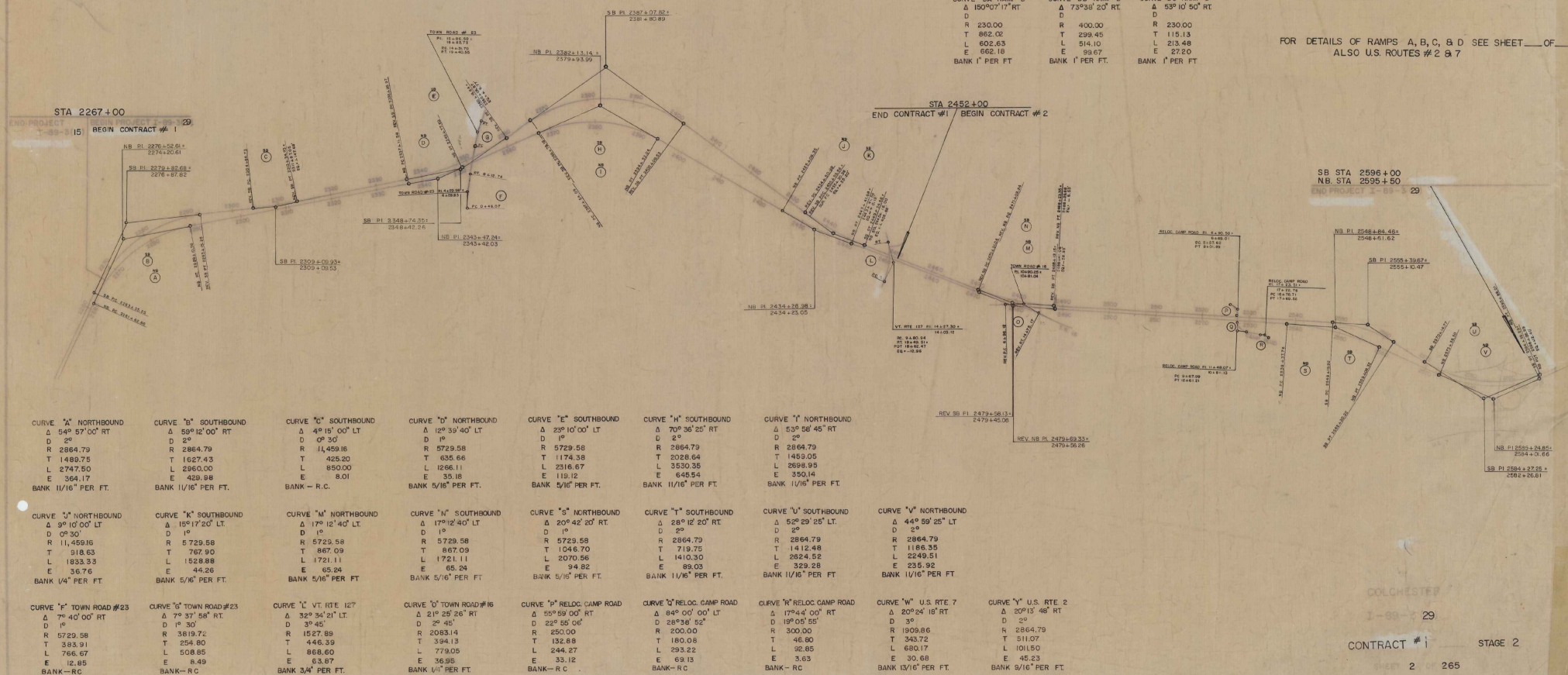
ARCHITECT: BORNHILL ENGINEERING CO.
JOB NO.: 59-71-1
SHEET NO.: 7/6

COLCHESTER
INTERSTATE ROUTE # 89
ALIGNMENT SHEET

CURVE "1A" RAMP A Δ 30°51' 22" RT D 8° R 716.20 T 132.76 L 385.70 E 26.77 BANK 7/8" PER FT	CURVE "1B" RAMP A Δ 59°55' 46" RT D 8° R 230.00 T 132.76 L 240.84 E 35.58 BANK 1" PER FT	CURVE "2A" RAMP B Δ 37°23' 29" RT D 8° R 716.20 T 132.76 L 240.84 E 35.58 BANK 7/8" PER FT	CURVE "2B" RAMP B Δ 9°15' 52" RT D 8° R 60° T 61.30 L 95.54 E 25.78 BANK- RC	CURVE "3A" RAMP C Δ 31°05' 08" LT D 8° R 477.50 T 132.81 L 201.07 E 18.12 BANK 7/8" PER FT	CURVE "3B" RAMP C Δ 39°50' 35" LT D 8° R 321.67 T 104.03 L 201.23 E 16.40 BANK 7/8" PER FT	CURVE "4A" RAMP C Δ 45°03' 16" RT D 10° R 572.96 T 237.65 L 450.55 E 47.33 BANK 15/16" PER FT
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CURVE "5A" RAMP D Δ 150°07' 17" RT D 8° R 230.00 T 862.02 L 602.83 E 562.18 BANK 1" PER FT	CURVE "5B" RAMP D Δ 73°38' 20" RT D 8° R 400.00 T 299.45 L 514.10 E 59.67 BANK 1" PER FT	CURVE "5C" RAMP D Δ 59°10' 50" RT D 8° R 230.00 T 115.13 L 213.48 E 57.20 BANK 1" PER FT
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FOR DETAILS OF RAMPS A, B, C, & D SEE SHEET ____ OF ____
ALSO U.S. ROUTES # 2 & 7



CURVE "A" NORTHBOUND Δ 54° 57' 00" RT D 2° R 2864.79 T 1489.75 L 2747.50 E 364.17 BANK 11/16" PER FT.	CURVE "B" SOUTHBOUND Δ 59° 12' 00" RT D 2° R 2864.79 T 1627.43 L 2960.00 E 420.98 BANK 11/16" PER FT.	CURVE "C" SOUTHBOUND Δ 49° 15' 00" LT D 1° R 11,459.16 T 867.09 L 1528.88 E 44.26 BANK - R.C.	CURVE "D" NORTHBOUND Δ 12° 39' 40" LT D 1° R 5729.58 T 635.66 L 1256.11 E 33.18 BANK 5/16" PER FT.	CURVE "E" SOUTHBOUND Δ 23° 10' 00" LT D 1° R 5729.58 T 1174.38 L 2316.67 E 640.54 BANK 5/16" PER FT.	CURVE "F" SOUTHBOUND Δ 70° 36' 25" RT D 2° R 2864.79 T 2028.64 L 3530.35 E 350.14 BANK 11/16" PER FT.	CURVE "G" NORTHBOUND Δ 53° 58' 45" RT D 2° R 2864.79 T 1459.05 L 2698.95 E 350.14 BANK 11/16" PER FT.	CURVE "H" SOUTHBOUND Δ 52° 29' 25" LT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "I" NORTHBOUND Δ 44° 59' 25" LT D 2° R 2864.79 T 1186.35 L 2249.51 E 235.92 BANK 11/16" PER FT.	CURVE "J" NORTHBOUND Δ 37° 10' 00" LT D 0° 30' R 11,459.16 T 918.53 L 1833.33 E 36.76 BANK 1/4" PER FT.	CURVE "K" SOUTHBOUND Δ 17° 12' 40" LT D 1° R 5729.58 T 867.09 L 1528.88 E 44.26 BANK 5/16" PER FT.	CURVE "L" NORTHBOUND Δ 17° 12' 40" LT D 1° R 5729.58 T 867.09 L 1528.88 E 44.26 BANK 5/16" PER FT.	CURVE "M" SOUTHBOUND Δ 21° 25' 26" RT D 2° R 5729.58 T 867.09 L 1528.88 E 44.26 BANK 5/16" PER FT.	CURVE "N" SOUTHBOUND Δ 20° 42' 20" RT D 2° R 5729.58 T 867.09 L 1528.88 E 44.26 BANK 5/16" PER FT.	CURVE "O" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "P" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "Q" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "R" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "S" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "T" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "U" SOUTHBOUND Δ 28° 12' 20" RT D 2° R 2864.79 T 1412.48 L 2624.52 E 329.28 BANK 11/16" PER FT.	CURVE "V" NORTHBOUND Δ 44° 59' 25" LT D 2° R 2864.79 T 1186.35 L 2249.51 E 235.92 BANK 11/16" PER FT.	CURVE "W" NORTHBOUND Δ 44° 59' 25" LT D 2° R 2864.79 T 1186.35 L 2249.51 E 235.92 BANK 11/16" PER FT.	CURVE "X" U.S. RTE. 2 Δ 30° 13' 46" RT D 2° R 2864.79 T 1186.35 L 2249.51 E 235.92 BANK 11/16" PER FT.	CURVE "Y" U.S. RTE. 2 Δ 30° 13' 46" RT D 2° R 2864.79 T 1186.35 L 2249.51 E 235.92 BANK 11/16" PER FT.
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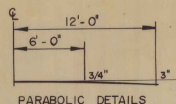
COLCHESTER

1-89-2 29

CONTRACT #1

STAGE 2

SHEET 2 265

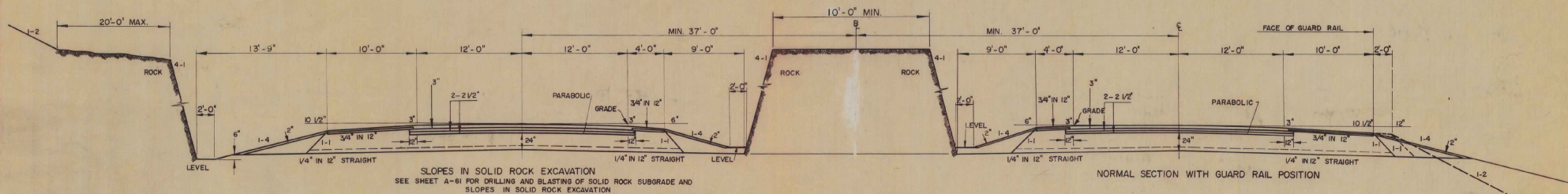
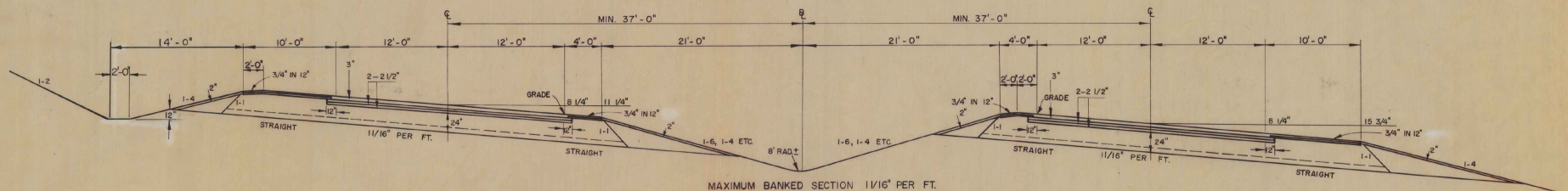
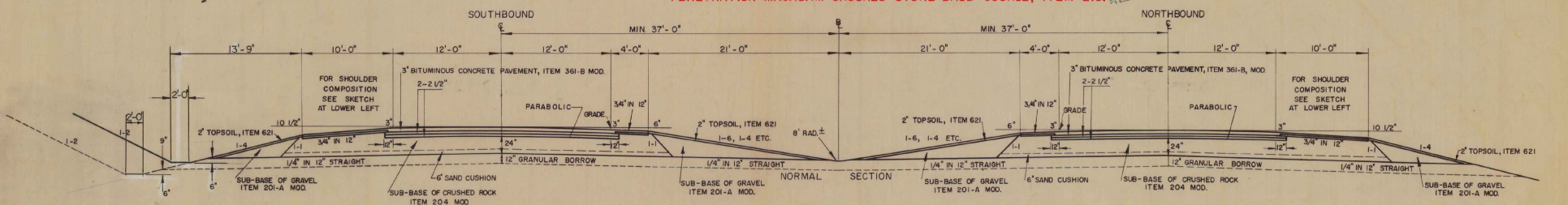


TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B MOD. ($\pm 1/4"$)
~~2-2 1/2" CRUSHED GRAVEL PLANT MIXED BASE COURSE, ITEM 215~~ ($\pm 1/2"$ FOR TOTAL THICKNESS)
 2 1/2" SUB-BASE OF CRUSHED ROCK, ITEM 204 MOD. ($\pm 1"$)
 (1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B MOD. ON SHOULDERS)
 SUB-BASE OF GRAVEL, ITEM 201-A MOD.
 1 1/2" CRUSHED STONE SHOULDERS, ITEM 303 DOUBLE TACK COAT OF BITUMINOUS MATERIAL WITH PEA STONE AND STONE GRITS SEAL

PERMISSIBLE TOLERANCES IN PARENTHESIS
 APPLY TO THICKNESS ONLY

12" GRANULAR BORROW, ITEM 102 ($\pm 1"$) TO BE PLACED AS NOTED ON PLANS, OR AS DIRECTED BY THE ENGINEER.
 PENETRATION MACADAM CRUSHED STONE BASE COURSE, ITEM 215.

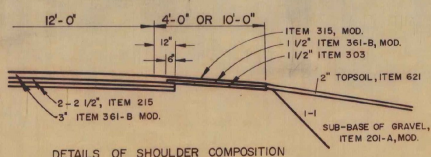


SEEDING, ITEM 611					
%	LBS/ACRE	NAME	PURITY %	GERM %	
33.33	20	CREeping RED FESCUE	97	82	
10.00	6	TALL FESCUE	95	80	
16.67	10	KENTUCKY BLUE GRASS	95	75	
8.33	5	RED TOP	92	90	
16.67	10	DOMESTIC RYE GRASS	98	90	
8.33	5	BIRDFOOT TREFOIL (EMPIRE)	99	80	
0.42	1/4	WEED SEED			
6.25	3 3/4	INERT MATERIAL			
100.00	60 LBS PER ACRE				

50 LBS OF WINTER RYE PER ACRE TO BE USED IN ADDITION TO THE ABOVE
 SEEDING FORMULA IF DIRECTED BY THE ENGINEER

GENERAL NOTES:

FOR ROUNDING OF SLOPES, SEE STANDARD SHEET B-5
 STEEL MARKER POSTS, ITEM 548-D, TO BE PLACED AS DIRECTED BY THE ENGINEER.
 MULCH, ITEM 622, TO BE PLACED ON ALL EARTH SLOPES AT THE RATE OF 1 1/2 TONS PER ACRE.
 THE COMMERCIAL FERTILIZER, ITEM 615, SHALL BE MIXED AS FOLLOWS:
 NITROGEN 10 %
 PHOSPHORUS 20 %
 POTASH 10 %
 THE COMMERCIAL FERTILIZER SHALL BE DELIVERED IN BAGS OF NOT TO EXCEED 100 LBS EACH
 AND IS TO BE APPLIED AT THE RATE OF 500 LBS PER ACRE.



COLCHESTER (CONTRACT 1)

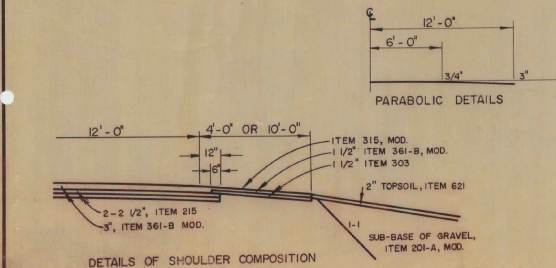
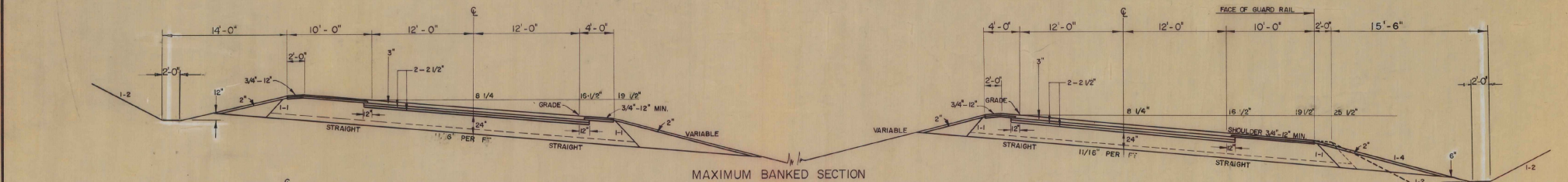
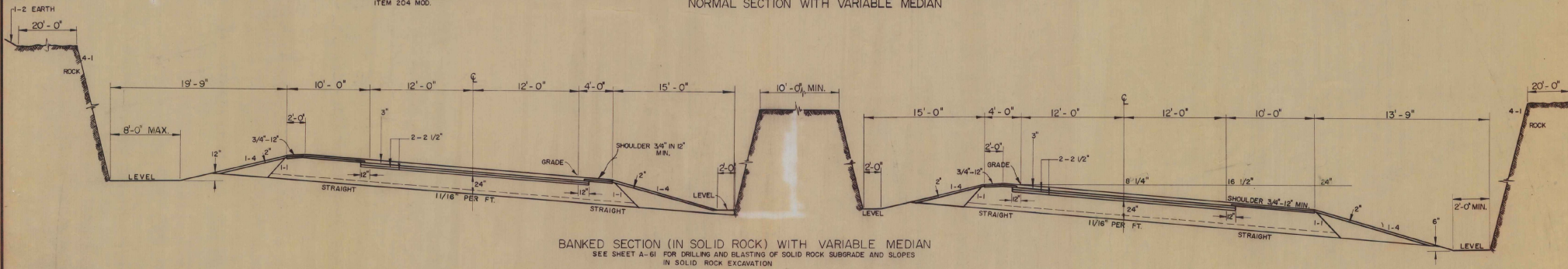
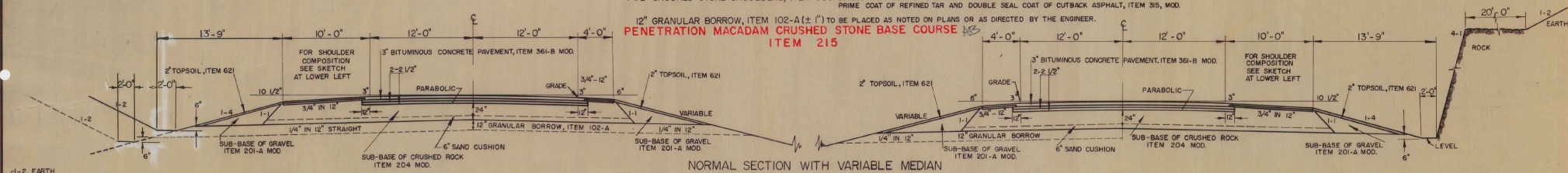
DRAWN AND TRACED: A.J.A, MAR 1963
 STAGE 2 CONSTRUCTION
 PROJECT I No. 89-3 (29)
 SHEET 3 OF 265 SHEETS

TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B MOD. ($\pm 1/4"$)
 (1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B MOD. ON SHOULDERS)
~~2-2 1/2" CRUSHED GRAVEL PLANT-MIXED BASE COURSE, ITEM 215~~ ($\pm 1/2"$ FOR TOTAL THICKNESS)
 24" SUB-BASE OF CRUSHED ROCK, ITEM 204, MODIFIED ($\pm 1"$)
 SUB-BASE OF GRAVEL, ITEM 201-A, MODIFIED
 1 1/2" CRUSHED STONE SHOULDERS, ITEM 303
 DOUBLE TACK COAT OF BITUMINOUS MATERIAL WITH PEA STONE AND STONE GRITS SEAL
 PRIME COAT OF REFINED TAR AND DOUBLE SEAL COAT OF CUTBACK ASPHALT, ITEM 310, MOD.

PERMISSIBLE TOLERANCES IN PARENTHESIS
 APPLY TO THICKNESS ONLY

12" GRANULAR BORROW, ITEM 102-A ($\pm 1"$) TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER.
 PENETRATION MACADAM CRUSHED STONE BASE COURSE
 ITEM 215



SEEDING, ITEM 611					
%	LB/ACRE	NAME	PURITY %	GERM %	
33.33	20	CREeping RED FESCUE	97	82	
10.00	6	TALL FESCUE	95	80	
16.67	10	KENTUCKY BLUE GRASS	85	75	
8.33	5	RED TOP	92	90	
16.67	10	DOMESTIC RYE GRASS	98	90	
8.33	5	BIRDFOOT TREFOIL (EMPIRE)	99	80	
0.42	1/4	WEED SEED			
6.25	3 3/4	INERT MATERIAL			
100.00	60	LB/ACRE			

50 LBS OF WINTER RYE PER ACRE TO BE USED IN ADDITION TO THE ABOVE SEEDING FORMULA IF DIRECTED BY THE ENGINEER.

GENERAL NOTES:

FOR ROUNDING OF SLOPES, SEE STANDARD SHEET B-5
 STEEL MARKER POSTS, ITEM 548-B, TO BE PLACED AS DIRECTED BY THE ENGINEER.
 MULCH, ITEM 622, TO BE PLACED ON ALL EARTH SLOPES AT THE RATE OF 1 1/2 TONS PER ACRE
 THE COMMERCIAL FERTILIZER, ITEM 615, SHALL BE MIXED AS FOLLOWS:
 NITROGEN 10%
 PHOSPHORUS 20%
 POTASH 10%
 THE COMMERCIAL FERTILIZER SHALL BE DELIVERED IN BAGS OF NOT TO EXCEED 100 LBS EACH
 AND IS TO BE APPLIED AT THE RATE OF 500 LBS PER ACRE

COLCHESTER (CONTRACT 1)

DRAWN & TRACED: AJA FEB. 1963

STAGE 2 CONSTRUCTION

PROJECT 1 NO. 82-3 (29)

SHEET 4 OF 25 SHEETS

4 LANE CONSTRUCTION
 VARIABLE MEDIAN

APPROXIMATE SUMMARY OF QUANTITIES									
	R. O. W.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	I T E M S		Rounding	ITEM NO.
				5,000	5,000	CY	Common Excavation Est.		101-A
				3,000	3,000	CY	Borrow Est.		402
				2,000	2,000	CY	Granular Borrow Est.		102-A
				350	350	CY	Trench Excavation of Earth Est.		103-A
				50	50	CY	Trench Excavation of Rock, Est.		103-B
				241,700	241,700	SY	Fine Grading - Suppgrade, Mod.	51	108
				600	600	H/Gal	Dust Control Est.		111
				45	45	HR.	Rollומר Rental Est.		118
				40	40	HR.	Grassall Rental Est.		128
				20,850	20,850	CY	Subbase of Gravel, Mod.	35	201-A
				121,300	121,300	CY	Subbase of Grashed Rock, Mod.	37	204
				175,500	175,500	CY/MI	Gravel Overhaul, Mod. (8.5 mi.)		221
				9,155	9,155	CY	Striping of Gravel Pits Est.		223
				2,575	2,575	CY	Crushed Stone Shoulders	24	303
				11,600	11,600	GM	Dbl. Tack Coat of Bit.Hat.w/Don Stone & St. Grts Seal. Prime Coat of Est. Tar & Dbl. Seal Coat of Cutback Asphalt, Mod.	98	315
				550	550	GM	Tar Emulsion for Bridge Floors	1	318
				22,980	22,980	TOM	Bituminous Concrete Pavement, Mod.	11	351-B
				86	86	HR.	Proof Rolling Est.		365
				180	180	LF	Joint Sealer - Hot Dressed		372-A
				130	130	CY	Concrete Class B, Mod.		401-B
				20,250	20,250	LB.	Reinforcing Steel	185	402
				10	10	CY	Cement Rubble Masonry Est.		411
				36	36	LF	12" Spec. Asph.Ctd.Corr.Galv.Het. Pipe Flow Est.		422-D
				180	180	LF	8" Asph.Ctd.Corr.Galv.Het.Pipe Est.		428-B
				200	200	LF	12" Asph.Ctd.Corr.Galv.Het.Pipe Est.		428-D
				200	200	LF	Relining Pipe Culverts Est.		429
				4	4	EA	Proc. Rein.Cong. Core Drop Inlet w/C1, Grade & Frame Est.		437-D
				20	20	EA	Cleaning Elevations of Catch Basins or Manholes		438
				30	30	EA	Cast Iron Covers for ACCOMP FL Basins	5	439
				2	2	EA	Cast Iron Grates (Type A) Est.		439-A
				2	2	EA	Cast Iron Grates (Type B) Est.		439-B
				16,624	16,624	LF	Three Chain Guard Rail w/Steel Posts		439
				104	104	EA	Anchors for Three Chain Guard Rail w/Steel Posts		439
				416	416	LF	Standard Steel Saw Guard Rail with Steel Posts		437-A
				166	166	EA	Steel Marker Posts		438-D
				54	54	TON	Bit.Conc. Surface for Gutters and Traffic Islands		458
				181	181	TON	Bituminous Conc.Core	(0.2)	458
				60	60	LF	Granite Bridge Curb (Mod.)		458-C
				1,280	1,280	LF	Treated Timber Curb	10	458
				80	80	EA	Boundary Markers		457
				1	1	EA	Friction of Project Markers		466
				1	1	LS	Field Office		460
				95	95	SF	Reflectorized High Density Type Poly-101 Fluores Traffic Signs, Mod.	3	476
				670	670	SF	Reflectorized Extruded Aluminum Panel Traffic Signs		

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		201-A SUBBASE OF GRAVEL, MOD.
76	CY	Paved Butlers
80,689	CY	Northeastbound and Southbound
35	CY	Rounding
80,800	CY	Total
		213 CRUSHED GRAVEL PLANT MIXED BASE COURSE, MOD.
11,918	TON	Northeastbound
12,918	TON	Southbound
19	TON	Rounding
23,950	TON	Total
		215 PERMEATION MACADAM CRUSHED STONE BASE COURSE
7,357	CY	Northeastbound
7,556	CY	Southbound
39	CY	Rounding
15,000	CY	Total
		323 ASPHALT CEMENT
105,800	GAL.	Northeastbound
131,617	GAL.	Southbound
777,100	GAL.	Rounding
		Total

[illegible]

TYPE OF CONSTRUCTION						
STATIONS		PAVEMENT WIDTHS			EQUATIONS	
FROM	TO	24	36	Varies	+	-
2267+00	2268+00		Northbound	106.00		Accel.Lane Taper 28.8 - 29.0
2268+00	2443+31.68	17551.48			0.12	
2443+31.54	2447+56.33	925.97				
2447+66.93	2450+16.93			150.00		Bridge Transition
2450+16.93	2451+23.27		206.34			Bridge & Approach Slabs
2451+23.27	2451+42.50			38.23		Bridge Transition to 29.25
2451+42.50	2452+00			37.50		Recel.Lane Taper 29.25-30.27
		17047.05	206.34	326.73	0.12	Northbound Totals
			Southbound			
2267+00	2313+34.73	5434.73				
2311+87.05	2320+16.83	8829.59			137.49	
2360+05.87	2435+85.54	7578.60			9.77	
2435+30.34	2440+24.66	1394.30			55.20	
2445+18.06	2447+41.88	222.82			406.63	
2447+31.68	2448+91.69			150.00		Bridge Transition
2448+91.69	2450+38.83		206.34			Bridge & Approach Slabs
2450+38.83	2451+52.50			68.57		Bridge Transition to 28.71
2451+52.50	2452+00			37.50		Accel.lane taper 28.71 to 29.76
		18661.00	206.34	251.97	619.36	Southbound Totals
TOTALS						
LENGTH OF PROJECT						
STATIONS	FEET	MILES	REMARKS			
2267+00	2452+00	18662.55	3.533	Onaway		
2440+28.37	2450+85.54	157.17	0.030	Bridge - Vt. 127 over		
TOTALS		18,809.72	3.563	Contract Length		

COLCHESTER STAGE 2 Construction Contract 1

No. 189-3(29)

Filed

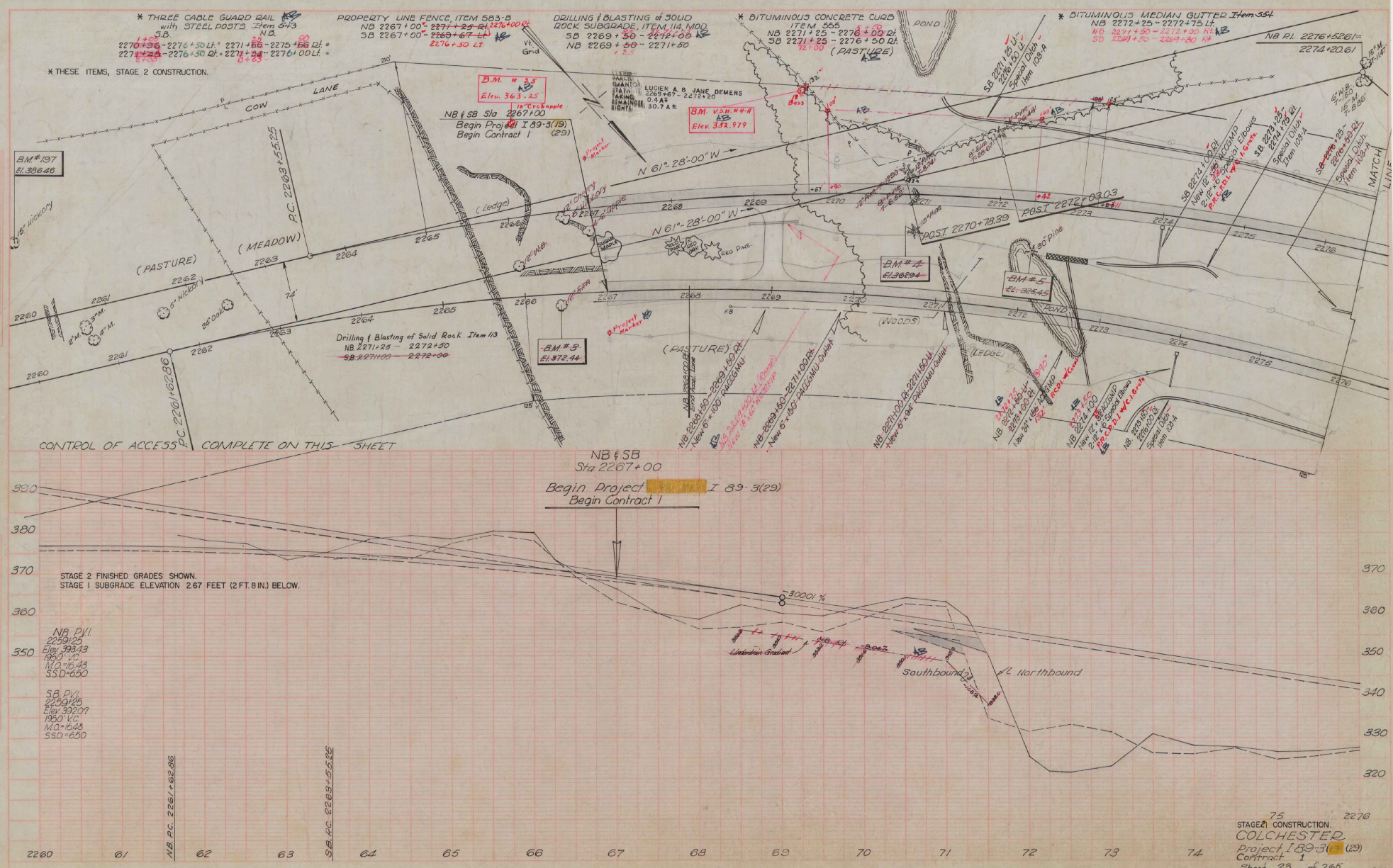
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5 of 265

Sheets

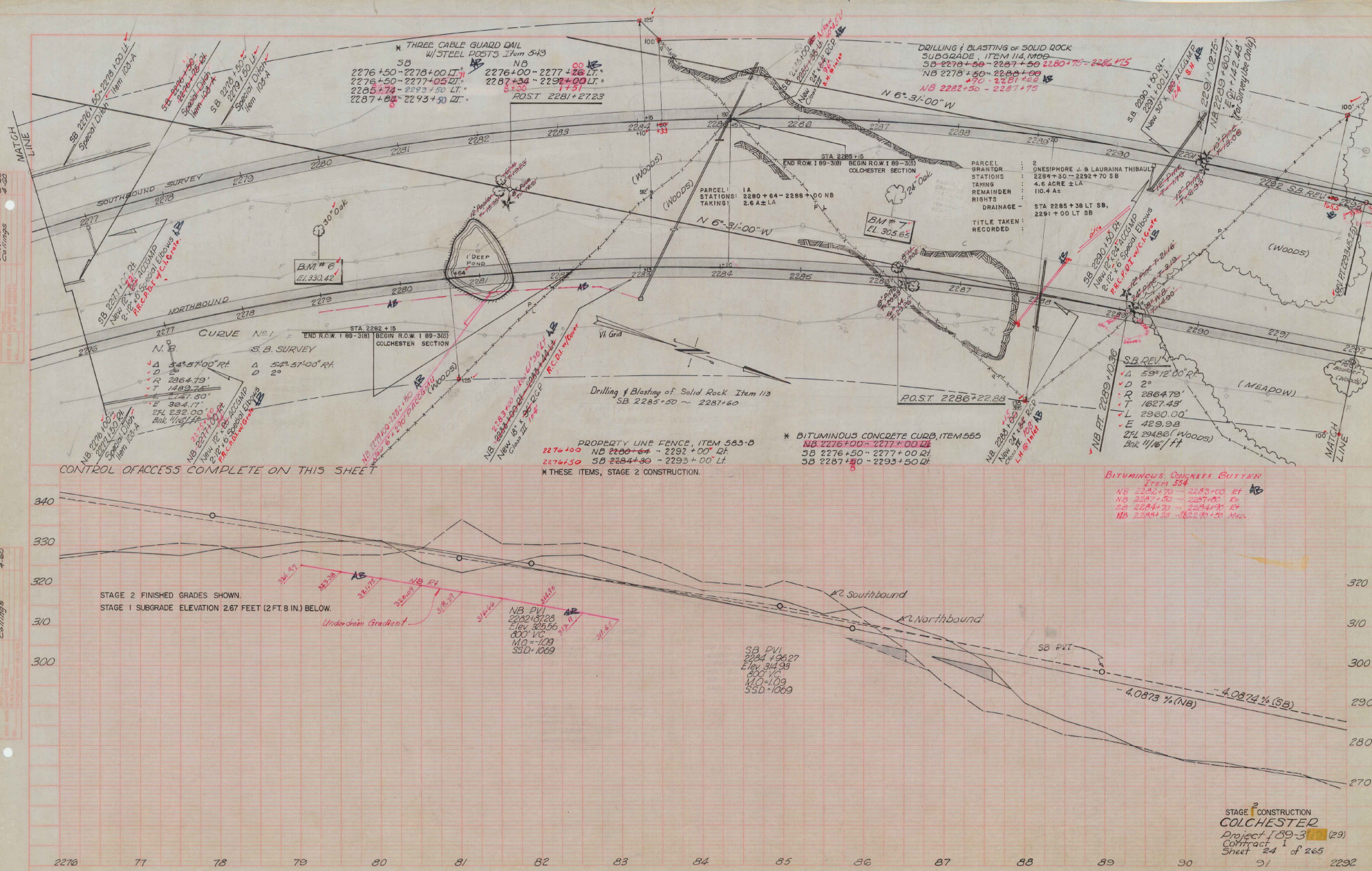
PLAN
Scale
1" = 40'

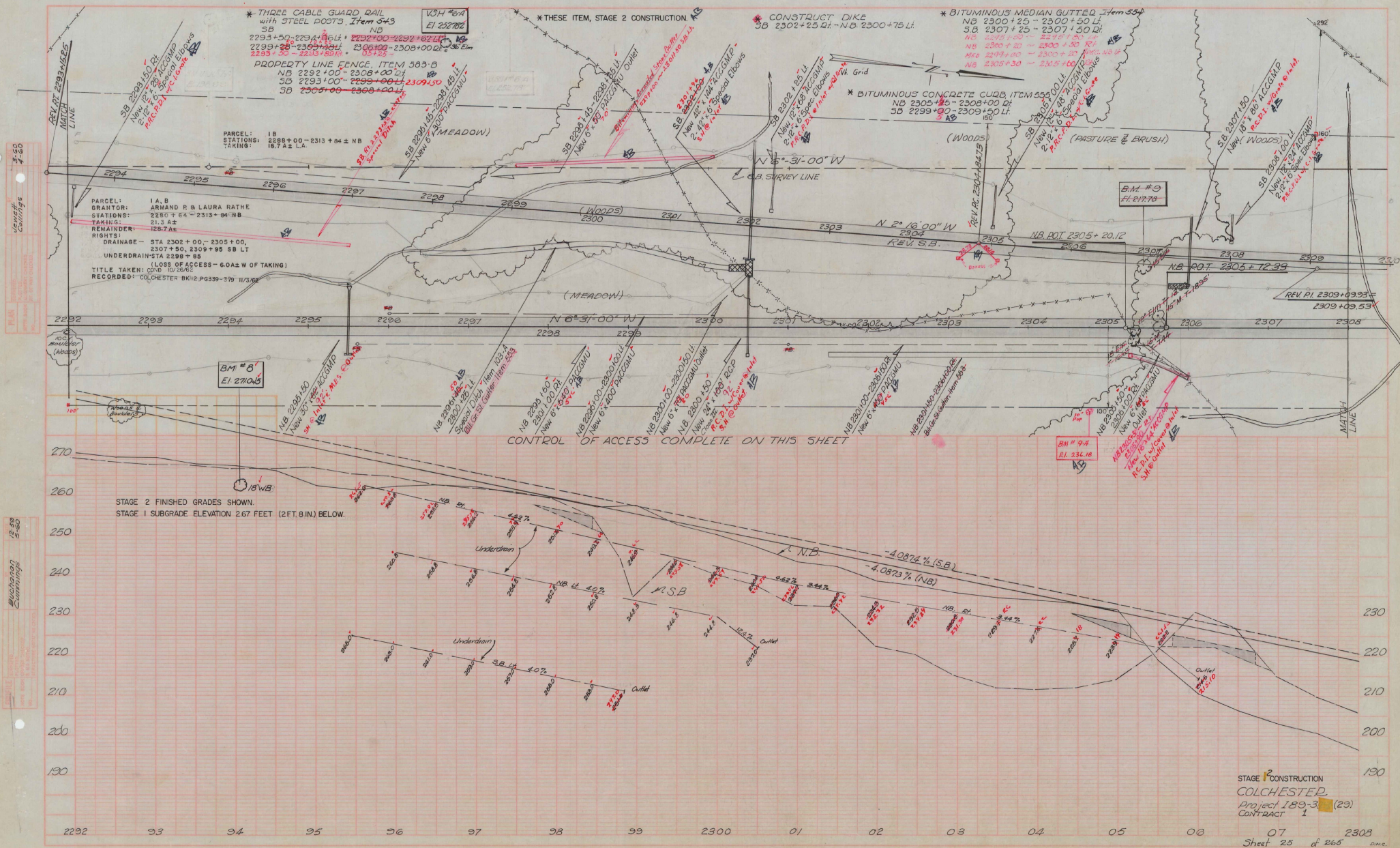
SECTION
Scale
1" = 40'

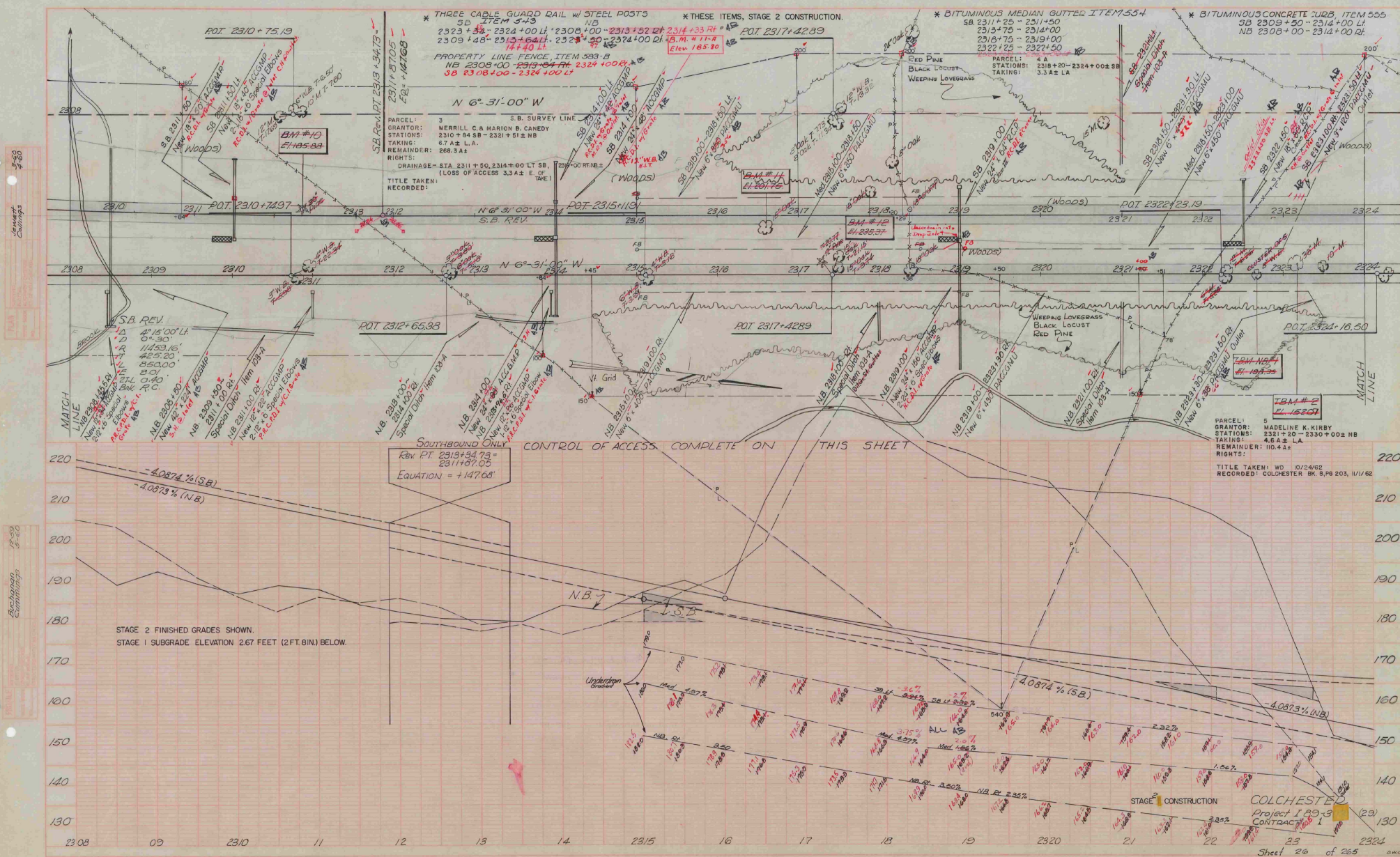


PLAN
Scale
Feet
1" = 40'

SECTION
Scale
Feet
1" = 40'







PLAN
SECTION
ELEVATION
DETAILS

* BITUMINOUS MEDIAN GUTTER 1/2" MIN. PROPERTY LINE FENCE, ITEM 503.8

NB 2342+00-2342+25 LT
SB 2345+00-2345+25 LT
NB 2350+50-2350+75 LT
NB 2352+83-2353+08 LT
SB 2351+53-2355+00 LT
SB 2340+00-2350+46 LT
SB 2352+80-2355+00 LT

* THESE ITEMS, STAGE 2 CONSTRUCTION.

NO. 2342+00-2342+25 LT
NO. 2345+00-2345+25 LT
NO. 2350+50-2350+75 LT
NO. 2352+83-2353+08 LT
NO. 2351+53-2355+00 LT
NO. 2340+00-2350+46 LT
NO. 2352+80-2355+00 LT

* STANDARD STEEL BEAM GUARD RAIL

W/ STEEL POSTS, ITEM 547.4
NB 2350+85-2352+85 LT
NB 2351+16-2352+16 LT
SB 2351+76-2352+76 LT
SB 2352+16-2353+16 LT

TOWN ROAD #23 IS TO BE BUILT IN ITS ENTIRETY DURING STAGE 1 CONSTRUCTION.

PARCEL: 6 A, B, C, D, E
GRANTOR: LEONEL N. & HELEN W. PAQUETTE
STATIONS: 2333+95-2369+14 NB
TAKING: 271 A.E.
REMAINDER: 150.1 A.E.
RIGHTS:
DRAINAGE - STA 2337+99 ± SB, 7+50 RT, 2359+22 ± NB RT
UNDERDRAIN - STA 2336+00 ± RT NB, 2337+50 ± LT SB
SLOPE - STA 2+50-4+70 ± LT (3000.00 FT.)
17+50 - (8+90.2 LT (100.50 FT.))
DRIVE - STA 14+87, 17+36 ± LT
TITLE TAKEN: COND. 10/26/62
RECORDED: COLCHESTER BK12, P.335-379, 11/3/62

REVISED S.B.
CURVE DATA

Δ 23°10'00" LT
D 1°
R 5729.58'
T 1174.38'
L 2310.67'
E 119.12'
2T-L 3209'
Bnk. 9/16' FT.

N.B. CURVE DATA

Δ 12°33'-40" LT
D 1°
R 5729.58'
T 635.66'
L 1266.11'
E 35.13'
2T-L 5.21'
Bnk. 9/16' FT.

PARCEL: 6 E
STATIONS: 2347+25-2349+75
TAKING: 0.2 A.E. L.A.

PARCEL: 7
GRANTOR: GILES O. & JEANNETTE A.D. SIMARD
STATIONS: NONE
TAKING: NONE
REMAINDER: 2.0 A.E.
RIGHTS: 2.0 A.E. STA. 3-37-5+00 ± LT (790.50 FT.)
DRIVE - STA 5+15 ± LT
TITLE TAKEN: COND. 10/26/62
RECORDED: COLCHESTER BK12, P.339-379, 11/3/62

PARCEL: 8 C
STATIONS: 2350+35-2369+14 NB RT
TAKING: 14.1 A.E. L.A.

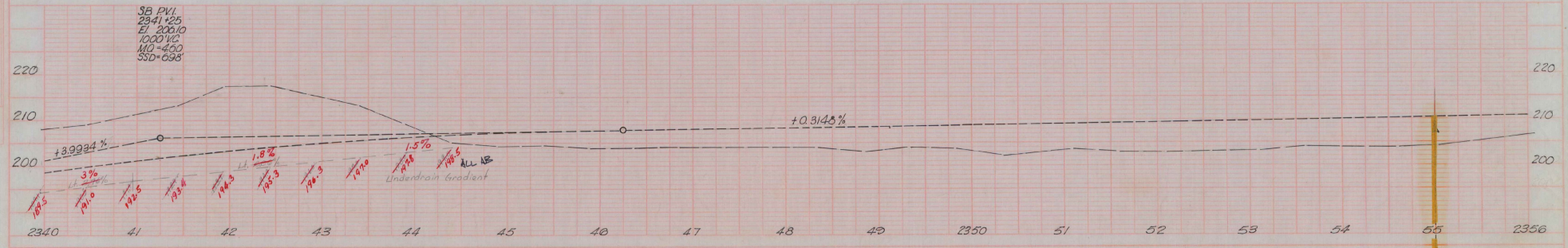
CONTROL OF ACCESS COMPLETE ON THIS SHEET

STAGE 2 CONSTRUCTION
COLCHESTER
Project 133-3 (29)
Contract 1
Sheet 28 of 266

PLAN
SECTION
ELEVATION
STATION

PROFILE
SECTION
ELEVATION
STATION

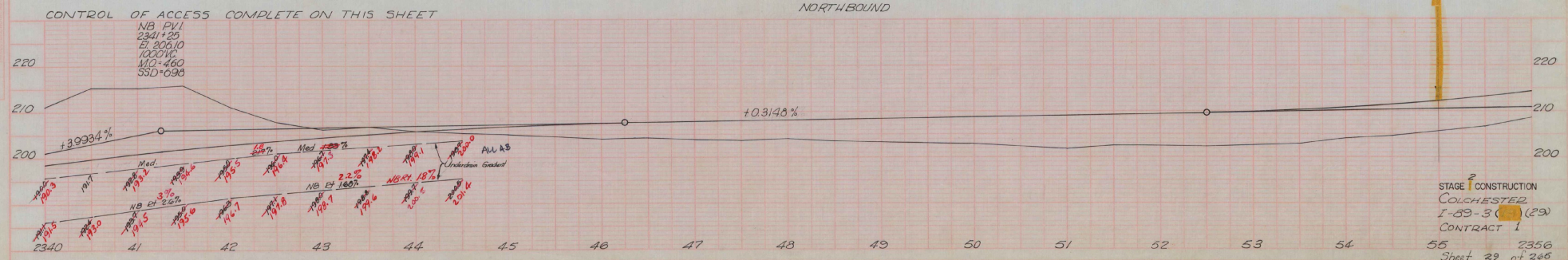
SOUTHBOUND



STAGE 2 FINISHED GRADES SHOWN.
STAGE 1 SUBGRADE ELEVATION 2.67 FEET (2FT. 8IN.) BELOW.

STAGE 2 CONSTRUCTION
COLCHESTER
I-89-3 (29)
CONTRACT 1

NORTHBOUND



CONTROL OF ACCESS COMPLETE ON THIS SHEET

STAGE 2 CONSTRUCTION
COLCHESTER
I-89-3 (29)
CONTRACT 1
Sheet 29 of 246

TWO CABLE GUARD RAIL w/ WOOD POSTS ITEM #42
 3+41-3+51 LT 5+22-3+76 LT
 3+50-3+60 LT 5+22-3+60 LT
 3+60-3+70 LT 5+22-3+60 LT
 5+150-5+155 LT 12+24-14+56 LT
 12+30-16+05 LT 12+40-15+52 LT
 12+50-16+40 LT
 CONSTRUCT DRIVES
 4+20-5+15 LT
 14+87 LT

BEGIN RELINQUISHMENT NO. I
 T.R. 23 0+00 C (983')

1+00
 BEGIN CONSTRUCTION
 CONSTRUCT APPROACH

(Woods)

(Garden)

(Meadow)

PARCEL: 8 A
 GRANTOR: TOWN OF COLCHESTER
 STATIONS: 8+13-12+30 ±
 TAKING: 0.5 A ± L.A.
 REMAINDER: N/A
 RIGHTS: N/A
 TITLE TAKEN: COND. 10/26/62
 RECORDED: COLCHESTER, BK 12, PG 359-370, 11/3/62

CURVE DATA
 Δ 7°40'-00" RT
 D 174'-00"
 R 5729.58'
 T 388.91'
 L 766.67'
 E 12.95'
 2T-L 1.15'
 B.N.L. R.C.

TOWN ROAD #23 IS TO BE BUILT IN ITS ENTIRETY
 DURING STAGE I CONSTRUCTION.

Note: GMP Corp. to remove
 present facilities & not to
 replace across proposed Inter-
 state, at TR No. 23

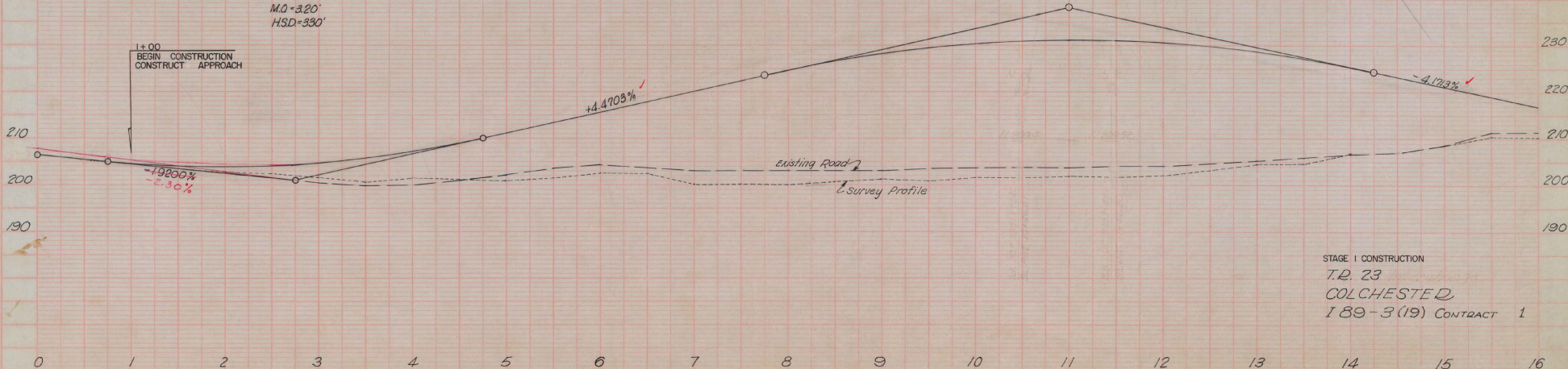
END RELINQUISHMENT NO. I
 BEGIN MAINT. AGREE. AREA NO. I
 T.R. 23 8+83 C (390')

END MAINT. AGREE. AREA NO. I
 BEGIN RELINQUISHMENT NO. II
 T.R. 23 12+73 C (642')

0+100
 Elev. 200.40

PVI
 2+75
 Elev. 201.12
 400' V.C.
 M.O. = 3.20'
 HSD = 330'

1+00
 BEGIN CONSTRUCTION
 CONSTRUCT APPROACH



STAGE I CONSTRUCTION
 T.R. 23
 COLCHESTER
 189-3 (19) CONTRACT 1

PROPERTY LINE FENCE, ITEM 583-B
 ND 2355+00'-2356+50.01'
 SB 2355+00'-2357+00.01'

PARCEL: 6 A.B.C.D.
 GRANTOR: LEONEL N. & HELEN W. PAQUETTE
 STATIONS: 2333+95 - 2369+14 NB
 TAKING: 26.9 FT
 REMAINDER: 156.1 A±
 RIGHTS: DRAINAGE - STA 2317+99 SB, 3+49, 7+50 RT, 2352+22 NB RT.
 UNDERDRAIN - STA 2336+00 NB RT, 2337+50 SB RT.
 SLOPE - STA 2+50-4+70 LT (3000 SQ. FT)
 17.50-18+50 LT (150 SQ. FT)
 DRIVE - STA 14+87 LT, 17+38 LT.

TITLE TAKEN:
 RECORDED

REVISED S.B.
 CURVE DATA

Δ 25°10'00" LT
 D 1'
 R 5729.58'
 T 1174.38'
 L 2318.67'
 E 119.12'
 2T-L 3209'
 BnL 916/12

N.B. CURVE DATA

Δ 18°39'40" LT
 D 1'
 R 5729.58'
 T 695.60'
 L 1266.11'
 E 35.18'
 2T-L 5.21'
 BnL 916/12

CONTROL OF ACCESS COMPLETE ON
 THIS SHEET

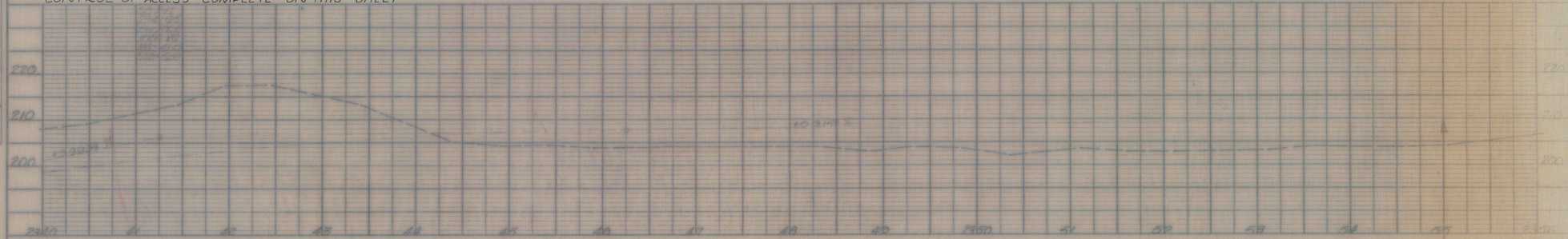
STAGE 2 CONSTRUCTION
 13 (29)
 CONTRACT 2.1
 Sheet 32 of 265

PLAN	Sheet	1 of 1
Project	S-10	
Location	S-10	
Scale	1" = 100'	

PROFILE	Sheet	1 of 1
Project	S-10	
Location	S-10	
Scale	1" = 100'	

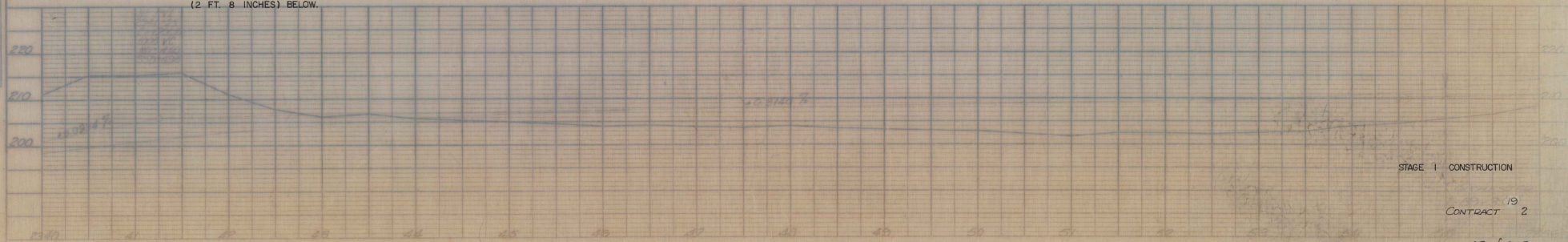
CONTROL OF ACCESS COMPLETE ON THIS SHEET

SOUTHBOUND



STAGE 2 FINISHED GRADES SHOWN.
STAGE 1 SUBGRADE ELEVATION 2.67 FEET
(2 FT. 8 INCHES) BELOW.

NORTHBOUND



NB & SB Sta. 2350+00
Project 1 89-3(19)
End Contract 1 Begin Contract 2

STAGE 1 CONSTRUCTION

19
CONTRACT 2

93 + 265

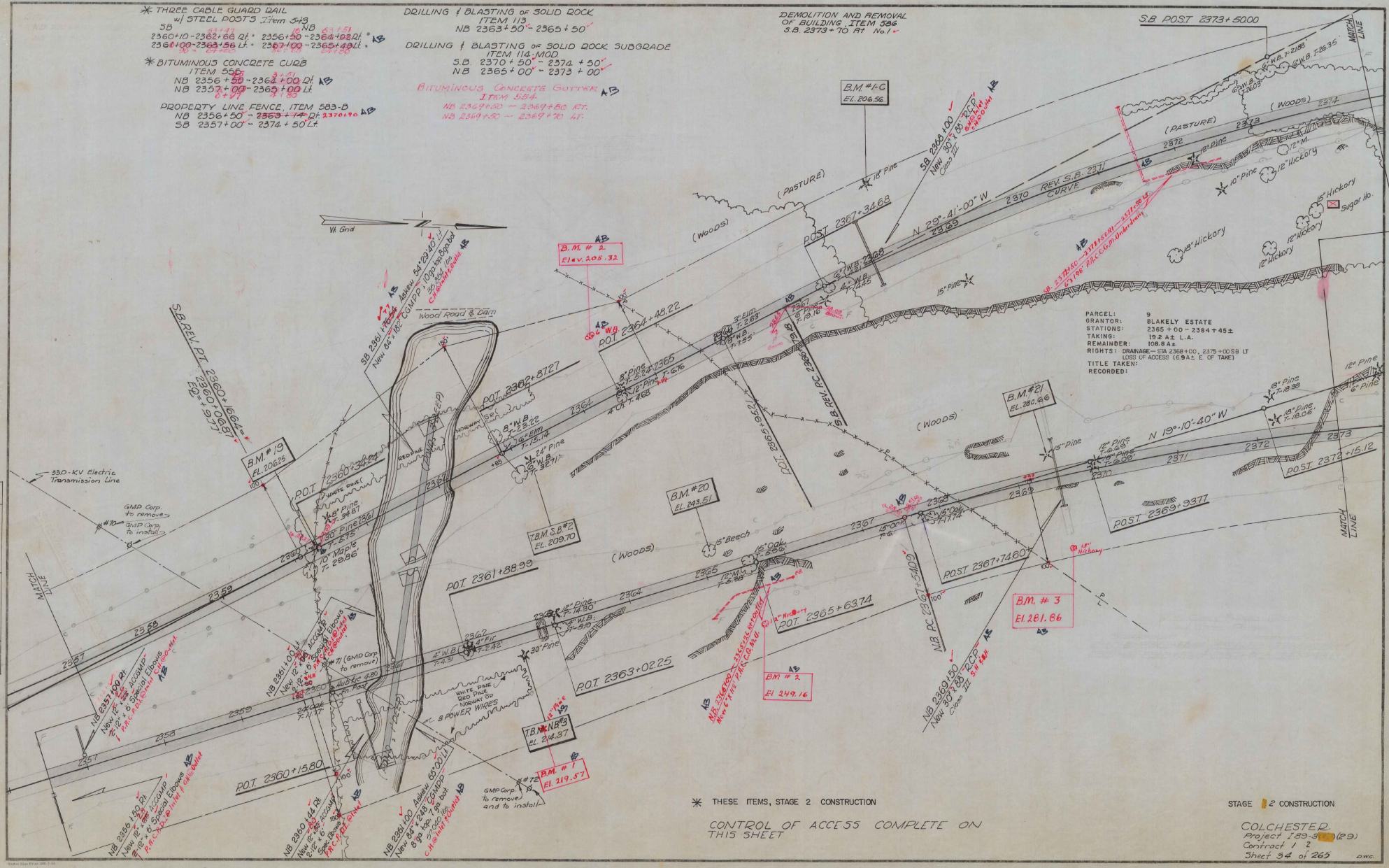
* THREE CABLE GUARD RAIL
w/ STEEL POSTS Item 543
SB 2360+10 - 2363+88 OF 2356+50 - 2364+00 LI.
2364+00 - 2363+88 LI. 2363+00 - 2365+00 LI.
* BITUMINOUS CONCRETE CURB
ITEM 555
NB 2356+50 - 2364+00 LI.
NB 2357+00 - 2363+00 LI.
PROPERTY LINE FENCE, ITEM 583-B
NB 2356+50 - 2363+14 LI.
SB 2357+00 - 2374+50 LI.

DRILLING & BLASTING OF SOLID ROCK
ITEM 113
NB 2363+50 - 2365+50
DRILLING & BLASTING OF SOLID ROCK SUBGRADE
ITEM 114-MOD
S.B. 2370+50 - 2374+50
NB 2365+00 - 2373+00
BITUMINOUS CONCRETE GUTTER
ITEM 584
NB 2369+50 - 2369+60 FT.
NB 2369+50 - 2369+70 FT.

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

S.B. POST 2373+5000

PLAN	DATE	BY	CHKD
STATIONED	10/1/80	W. J. S.	W. J. S.
REVISIONS			
1. 10/1/80		W. J. S.	W. J. S.
2. 10/1/80		W. J. S.	W. J. S.
3. 10/1/80		W. J. S.	W. J. S.
4. 10/1/80		W. J. S.	W. J. S.
5. 10/1/80		W. J. S.	W. J. S.
6. 10/1/80		W. J. S.	W. J. S.
7. 10/1/80		W. J. S.	W. J. S.
8. 10/1/80		W. J. S.	W. J. S.
9. 10/1/80		W. J. S.	W. J. S.
10. 10/1/80		W. J. S.	W. J. S.



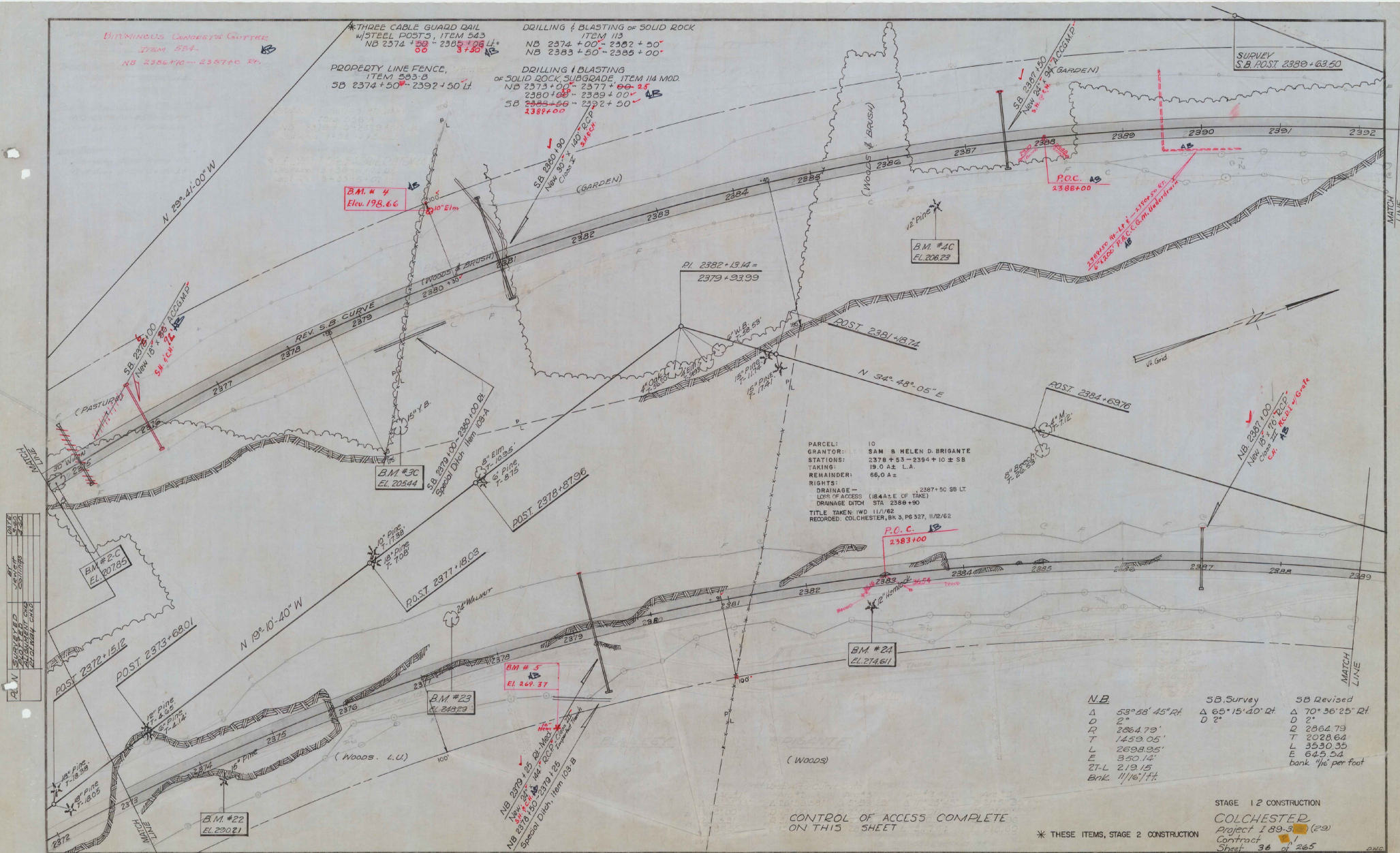
PARCEL: 9
GRANTOR: BLAKELY ESTATE
STATIONS: 2365+00 - 2384+45±
TAKING: 19.2 A± L.A.
REMAINDER: 108.8 A±
RIGHTS: DRAINAGE - STA 2368+00, 2375+00 SB LT
LOSS OF ACCESS (6.9 A± E. OF TIME)
TITLE TAKEN:
RECORDED:

* THESE ITEMS, STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION

CONTROL OF ACCESS COMPLETE ON
THIS SHEET

COLCHESTER
Project 189-5 (P.9)
Contract 1 2
Sheet 34 of 265

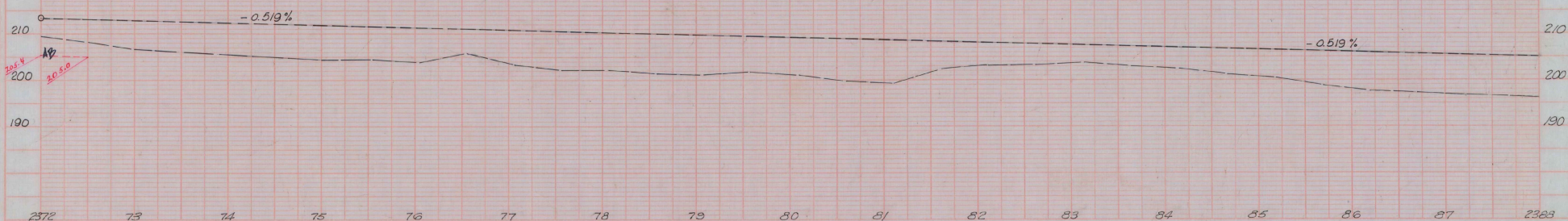


PLAN
 1/2" = 100'
 1/4" = 50'

Cummings 5-60

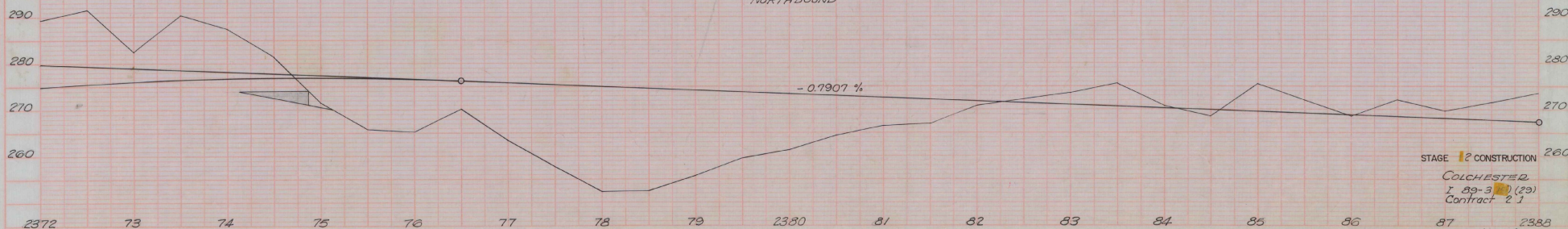
CONTROL OF ACCESS COMPLETE ON THIS SHEET

SOUTHBOUND

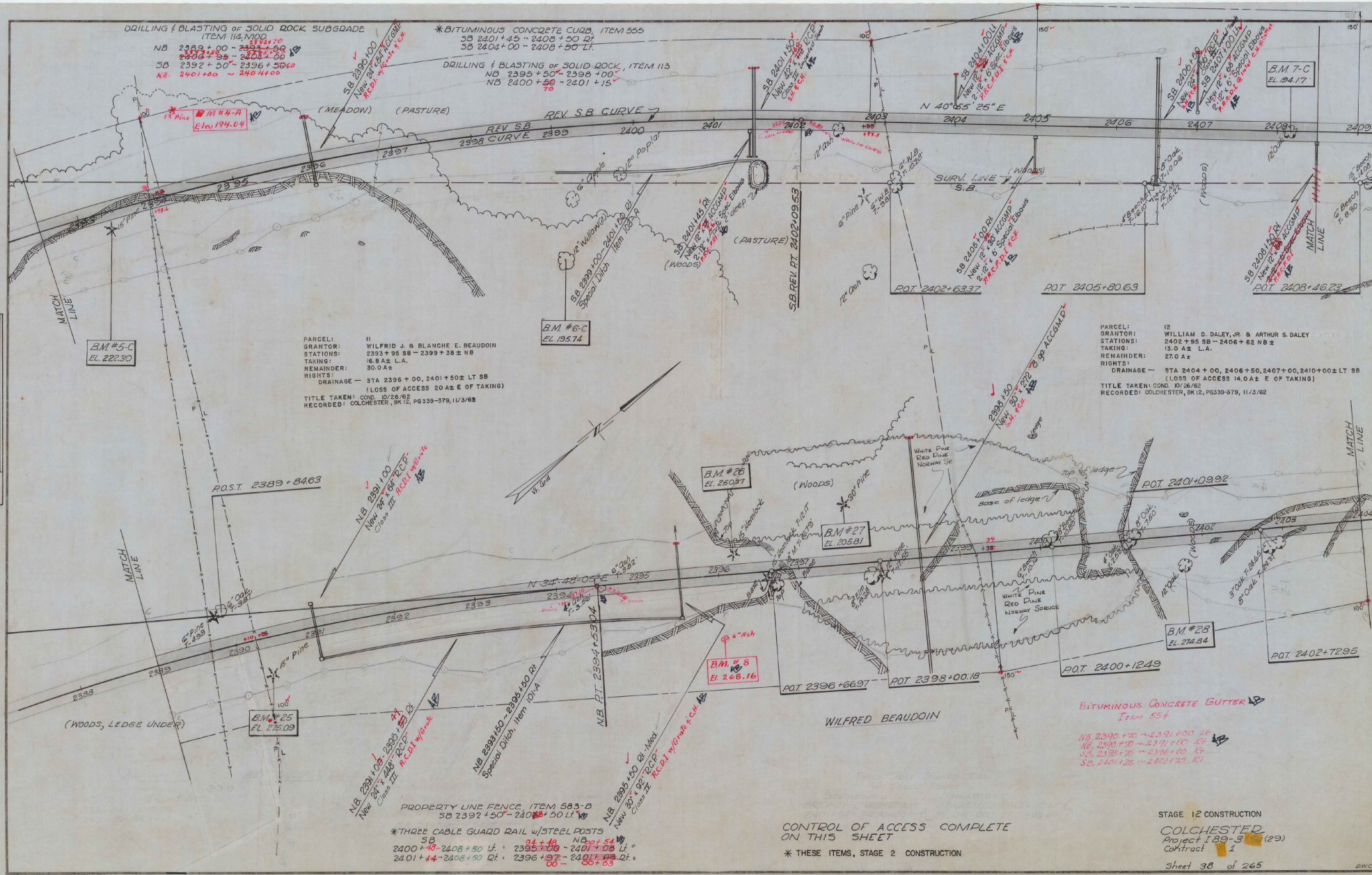


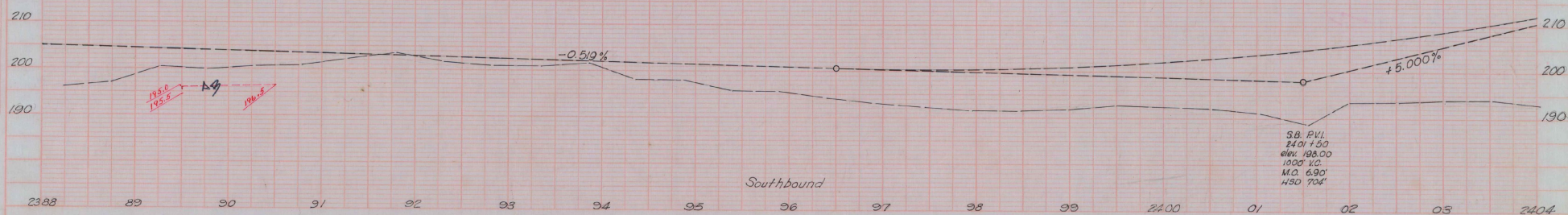
STAGE 2 FINISHED GRADES SHOWN
 STAGE 1 SUBGRADE ELEVATION 2.67 FEET
 (2 FT. 8 INCHES) BELOW.

NORTHBOUND

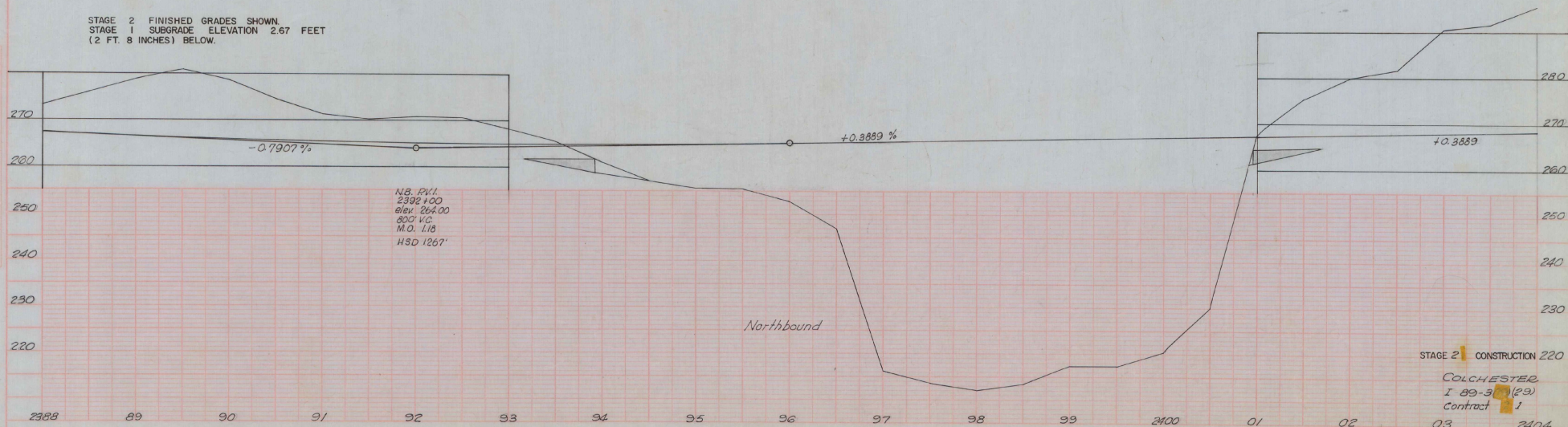


STAGE 1 CONSTRUCTION
 COLCHESTER
 r 89-3 (29)
 Contract 2.1
 Sheet 37 of 265





STAGE 2 FINISHED GRADES SHOWN.
STAGE 1 SUBGRADE ELEVATION 2.67 FEET
(2 FT. 8 INCHES) BELOW.



STAGE 2 | CONSTRUCTION 220

COLCHESTER

I-89-3(29)(29)

Contract 21

03 240

Sheet 39 of 26

A. Remick	1-60
Summings	4-60

* BITUMINOUS CONCRETE CURB
ITEM 555
SB 2408+50 - 2413+00 LT
SB 2408+50 - 2413+00 LT

DRILLING & BLASTING OF SOLID ROCK
ITEM 113
SB 2408+50 - 2413+05

* THREE CABLE GUARD RAIL w/ STEEL POSTS
SB Item 543
2408+50 - 2412+50 LT
2408+50 - 2412+50 LT

PROPERTY LINE FENCE, ITEM 563.8
NB 2408+50 - 2420+00 LT
SB 2408+50 - 2420+00 LT

DRILLING & BLASTING OF SOLID ROCK
SUBGRADE, ITEM 114 MOD.
NB 2408+00 - 2411+00
SB 2411+00 - 2421+00

BITUMINOUS CONCRETE GUTTERS
ITEM 554
SB 2411+00 - 2414+50 LT
SB 2423+00 - 2425+00 LT

PARCEL: 13
GRANTOR: ELVIO DANTE BOSNI A/K/A DANNY BOSNI
STATIONS: 2410+30 SB - 2416+87 NB
TAKING: 14.7 A.L. LA.
REMAINDER: 56.3 A.L.
RIGHTS: 56.3 A.L.
DRAINAGE - STA 2410+50 SB LT
(LOSS OF ACCESS 16.0 A.L. E OF TAKING)
TITLE TAKEN: COND 10/26/62
RECORDED: COLCHESTER, BK 12, PG 339-379 11/3/62

PARCEL: 14
GRANTOR: JOHN H. & DORIS G. LOUKO
STATIONS: 2420+95 SB - 2434+282 NB
TAKING: 18.4 A.L. LA.
REMAINDER: 55.6 A.L.
RIGHTS: 55.6 A.L.
DRAINAGE - STA 2431+00 ± RT NB (INTO LOSS OF ACCESS)
(LOSS OF ACCESS 23.0 A.L. E OF TAKING)
TITLE TAKEN: COND 10/26/62
RECORDED: COLCHESTER, BK 12, PG 339-379 11/3/62

* THESE ITEMS, STAGE 2 CONSTRUCTION

CONTROL OF ACCESS COMPLETE ON
THIS SHEET

STAGE 2 CONSTRUCTION

COLCHESTER
Project 189-3 (29)
Contract 1
Sheet 40 of 265

PLAN
STAGE 2
STAGE 1
STAGE 0

PLAN
STAGE 2
STAGE 1
STAGE 0

STAGE 2 FINISHED GRADES SHOWN.
STAGE 1 SUBGRADE ELEVATION 2.67 FEET
(2 FT. 8 INCHES) BELOW.

230 CONTROL OF ACCESS COMPLETE ON THIS

SHEET

SOUTHBOUND

+5.0000%

-4.1033%

S.B. PVI
2415+00
elev 269.00
1800' V.C.
M.O. 20.48'
SSD 637'

NORTHBOUND

N.B. PVI
2410+00
elev 271.00
900' V.C.
M.O. 5.03'
SSD 339'

-4.1390%

STAGE 2 CONSTRUCTION

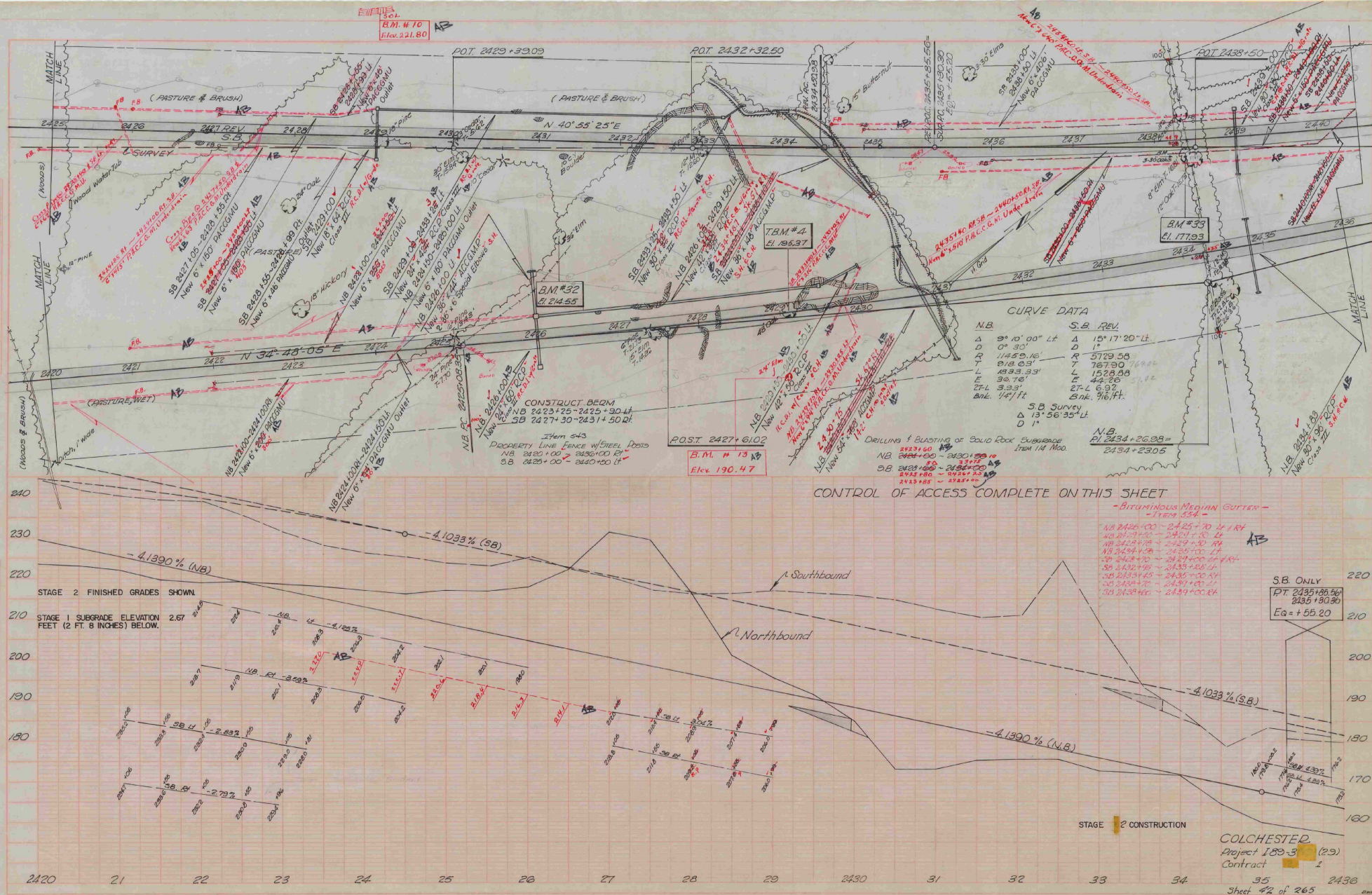
COLCHESTER

I 83-31 (29)

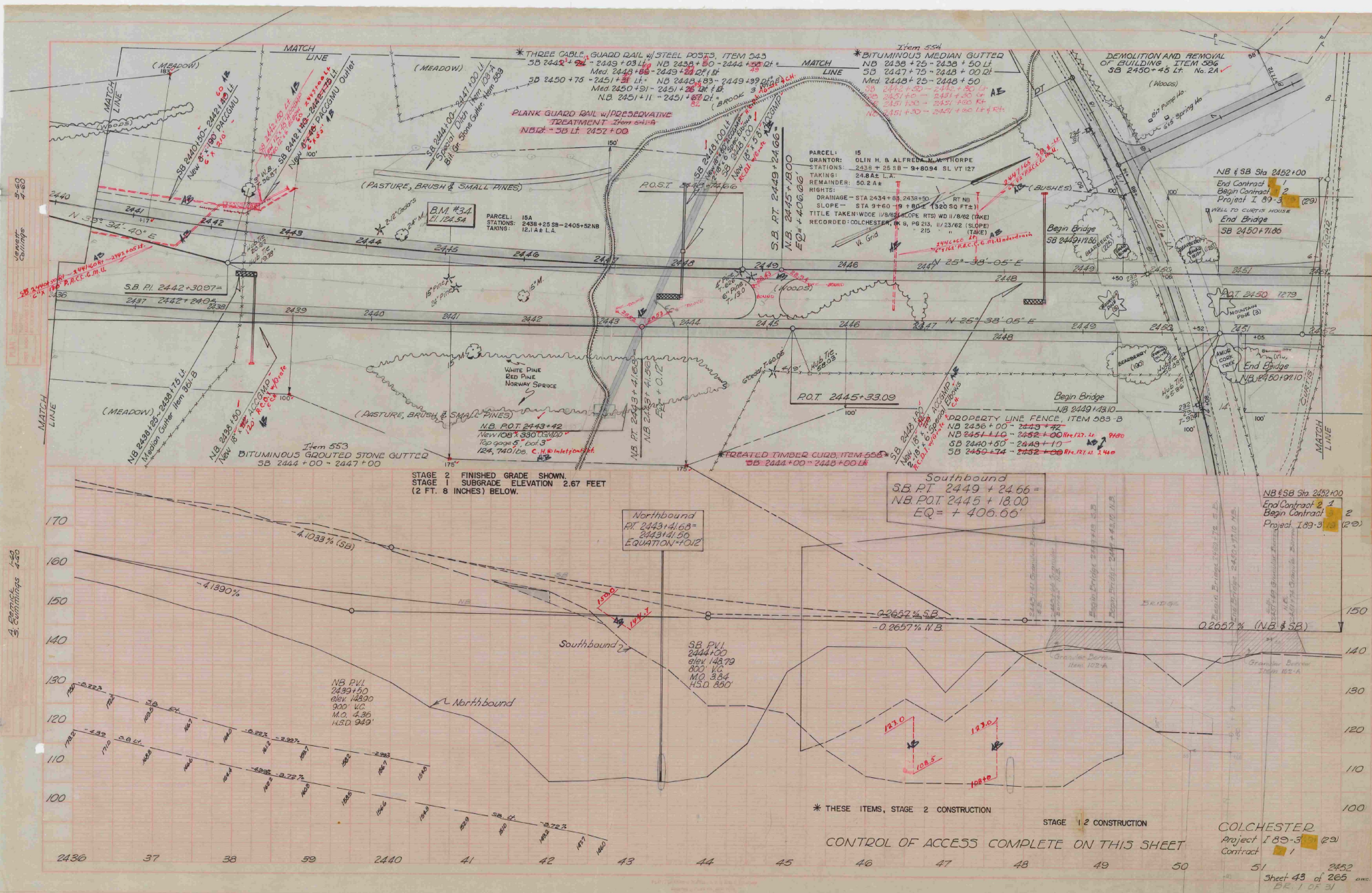
CONTRACT 1

19 2420

Sheet 41 of 265

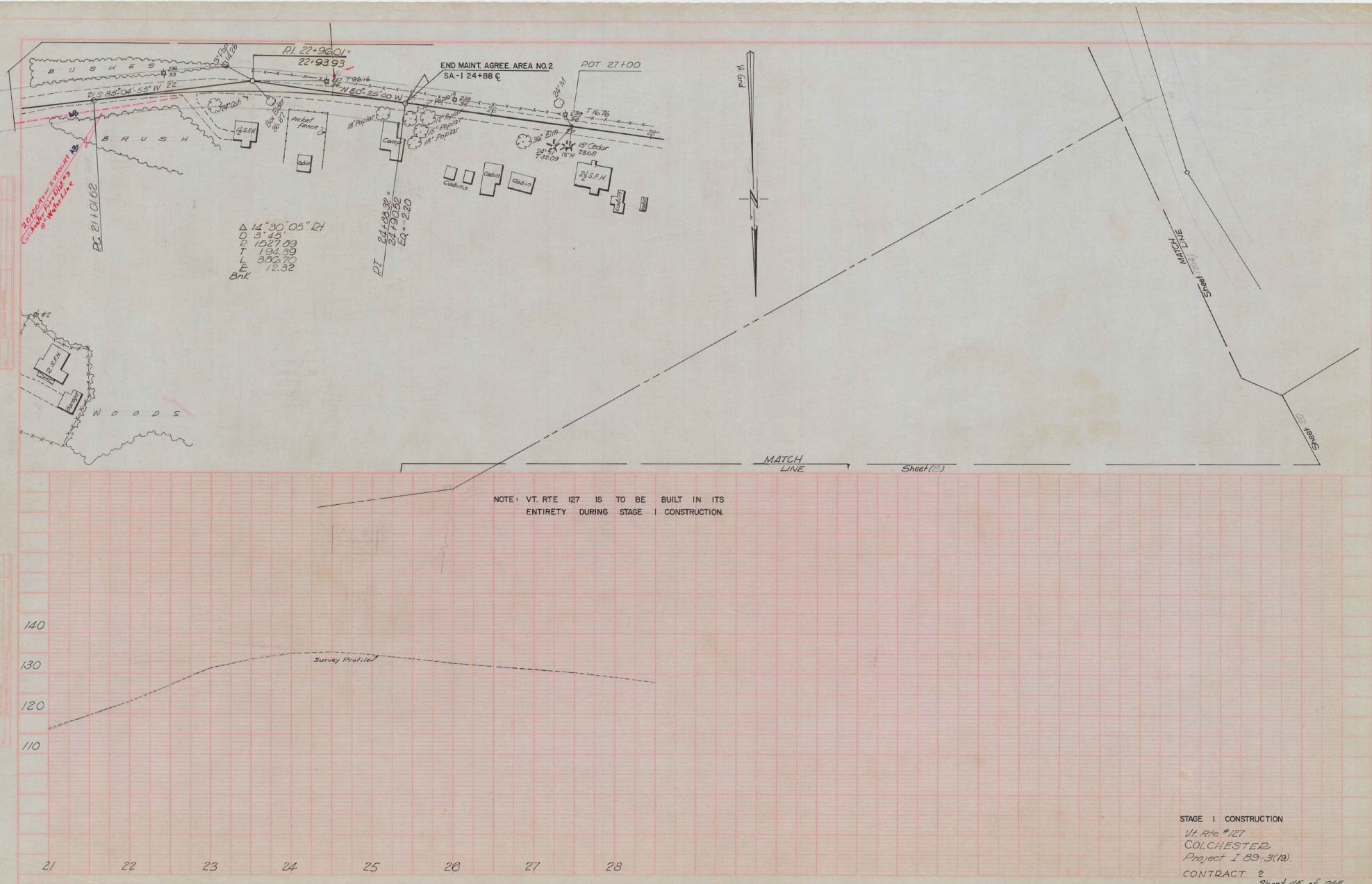


COLCHESTER
Project 189-3 (29)
Contract 2 1
35 24
Sheet 42 of 265



PLAN
Scale
1" = 40'
2" = 80'

Profile
Scale
1" = 10'
2" = 20'



STAGE I CONSTRUCTION
Vt. Rte. #127
COLCHESTER
Project 189-3(10)
CONTRACT 2
Sheet 45 of 265

DELINEATOR NOTES:

THE DELINEATOR DESIGN SHOWN ON THIS SHEET SHALL BE USED IN PLACE OF THE DESIGN SHOWN ON STANDARD SHEET E-3. THE ACRYLIC PLASTIC REFLECTOR SHALL HAVE AN EMBOSSED ALUMINUM HOUSING WITH A SINGLE GROMMETTED MOUNTING HOLE. THE HOUSING SHALL BE 0.020" 5052-O ALUMINUM FORMED TO APPROXIMATELY 1.25" IN DIAMETER AND 0.255" IN DEPTH TO RETAIN THE ACRYLIC REFLECTOR.

MOUNTING BOLTS TO BE ALUMINUM ALLOY 2024-T4 OR STAINLESS STEEL WITH VANDAL-RESISTANT NUTS.

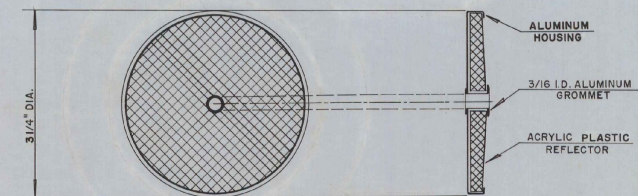
REFLECTOR LENS SHALL BE METHYL METHACRYLATE MEETING REQUIREMENTS OF FEDERAL SPECIFICATION L-11-500A, TYPE I CLASS 3.

DELINEATOR ROADWAY SPACING CONFORMING WITH STANDARD SHEET E-3 TO START FROM LAST DELINEATOR ON PROJECT 199-3(22).

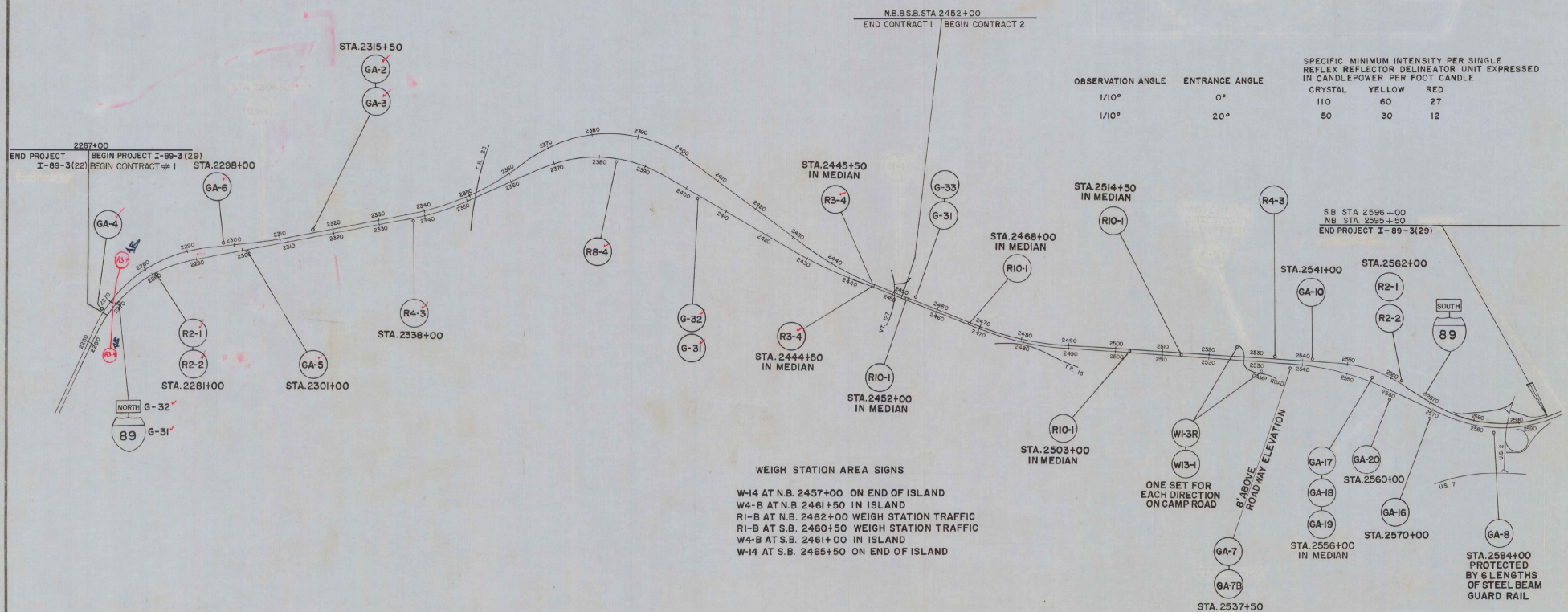
ACCELERATION LANE TAPER ENDS STA. N 2263+00.

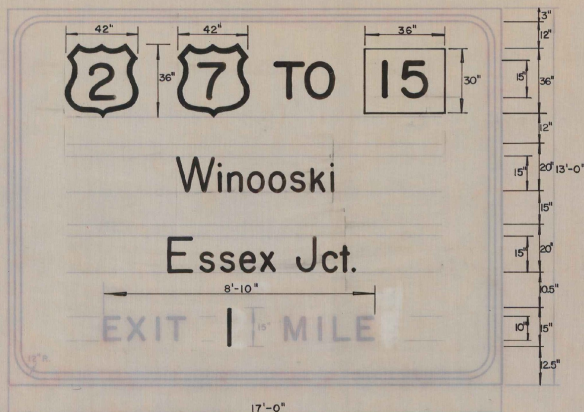
COLCHESTER INTERSTATE ROUTE # 89 APPROXIMATE SIGN LOCATIONS

DELINEATOR, ITEM 580

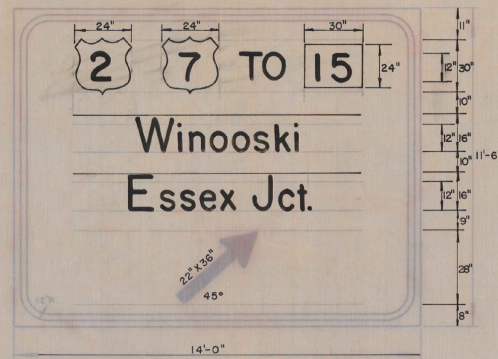


OBSERVATION ANGLE	ENTRANCE ANGLE	SPECIFIC MINIMUM INTENSITY PER SINGLE REFLEX REFLECTOR DELINEATOR UNIT EXPRESSED IN CANDLEPOWER PER FOOT CANDLE.		
		CRYSTAL	YELLOW	RED
1/10°	0°	110	60	27
1/10°	20°	50	30	12

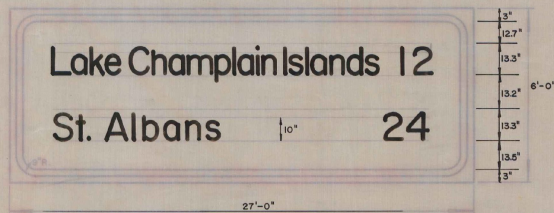




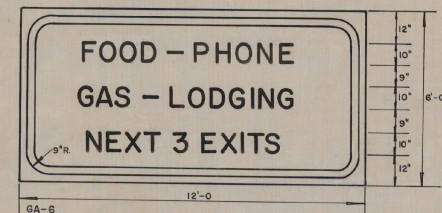
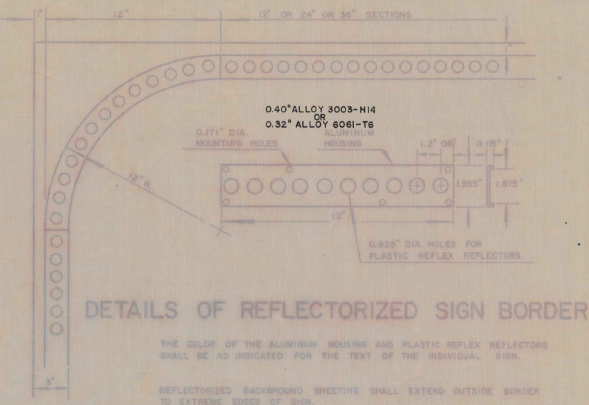
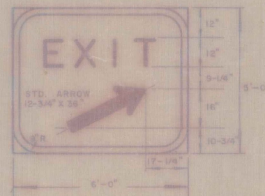
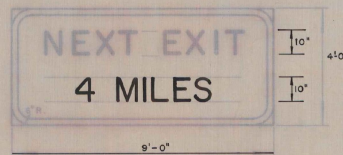
GA-2



GA-4



GA-5



GA-6 SERVICES SIGN HAS A NON-REFLECTORIZED BLUE BACKGROUND.

COLORS OF ALL SIGNS ON THIS SHEET ARE REFLECTORIZED WHITE TEXT (REFLEX REFLECTORS) ON NON-REFLECTORIZED GREEN BACKGROUND EXCEPT AS NOTED, AND THE ROUTE MARKERS WHICH SHALL CONFORM WITH COLORS AND STANDARDS ADOPTED BY AASHTO. THE ROUTE MARKERS SHALL BE APPLIED TO FLAT SHEET ALUMINUM BEFORE MOUNTING ON "GA" SIGNS.

TRAFFIC SIGNS
DESIGN AND
CONSTRUCTION
DETAILS

COLCHESTER
STAGE 2 CONSTRUCTION
PROJECT I NO 89-3(29)
CONTRACT I
SHEET 68 OF 265

EXTRUDED ALUMINUM PANEL GUIDE SIGNS (ITEM 576)

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	SIZE AND TYPE OF POST	NUMBER OF SIGNS REQUIRED	TEXT SIGNS	IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	SIZE AND TYPE OF POST	NUMBER OF SIGNS REQUIRED
	WIDTH	HEIGHT						WIDTH	HEIGHT			
GA-2	17'	13'	  TO  Winooski Essex Jct. EXIT 1 MILE	12WF-40	1	36"-15" 20"-15" 20"-15" 10"-15"	RI-1	30"	30"	Stop	4U-54	0
GA-3	16'	3'	NEXT EXIT 4 MILES	MOUNT BELOW GA-2	1	10"	G-31	36"	36"		5U-67	2
GA-4	14'	11'-6"	  TO  Winooski Essex Jct.	(2) 10WF-25	1	30"-12" 16"-12" 16"-12" 16"x29"	G-32	30"	15"	North	MOUNT ABOVE G-31	2
GA-5	27'	6'	Lake Champlain Islands 12 St. Albans 24	(3) 10WF-21	1	13.3"-10" 13.3"-10"						
GA-6	12'	6'	FOOD - PHONE GAS - LODGING NEXT 3 EXITS	(2) 6WF-15.5	1	10" 10" 10"						

(MODIFIED)

FLAT SHEET ALUMINUM SIGNS (ITEM 577)

HIGH DENSITY OVERLAID PLYWOOD SIGNS (ITEM 575)

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	SIZE AND TYPE OF POST	NUMBER OF SIGNS REQUIRED
	WIDTH	HEIGHT			
R2-1	48"	60"	Speed Limit 65	(2) 4WF-13	1
R2-2	48"	48"	Minimum 40	MOUNT BELOW R2-1	1
R3-4	36"	48"	No U Turn	4"x3.5" X 5/16" ANGLE	2
R4-3	48"	60"	Slower Traffic Keep Right	(2) 4I-9.5	1
R8-4	48"	36"	Emergency Stopping Only	4"x3.5" X 5/16" ANGLE	1

GENERAL NOTES

1. IDENTIFICATION OF SIGNS

TRAFFIC SIGNS ARE IDENTIFIED BY A NUMBER PREFIXED BY A LETTER TO INDICATE THE FOLLOWING GENERAL CLASSIFICATIONS:

- 1A. LARGE SIZE HIGHWAYS
1B. OTHER GUIDE SIGNS
1C. REGULATORY SIGNS
1D. WARNING SIGNS

TRAFFIC SIGN ASSEMBLIES ARE IDENTIFIED BY A LETTER, AS "SIGN ASSEMBLY A". THE INDIVIDUAL SIGNS FORMING AN ASSEMBLY ARE IDENTIFIED BY THEIR INDIVIDUAL SIGN NUMBERS.

2. SIGN DESIGNS

THE LAYOUTS OF THE VARIOUS SIGNS, INCLUDING THE COLORS OF THE BACKGROUNDS AND TEXTS, SHALL BE AS INDICATED ON THE STANDARD SHEETS SHOWING SIGN DESIGN DETAILS.

3. INTERSTATE ROUTE MARKER

THE DESIGN AND COLORS OF THE INTERSTATE ROUTE MARKER SHALL CONFORM WITH THE STANDARDS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS AND APPROVED BY THE U.S. BUREAU OF PUBLIC ROADS.

4. SIGN POSTS

THE SIZES AND TYPES OF POSTS REQUIRED FOR THE VARIOUS SIGNS ARE INDICATED ON THE SUMMARY SHEET. THE LENGTHS OF THE POSTS IF NOT GIVEN ON THE PLANS, SHALL BE COMPUTED TO FIT SIGN CONDITIONS.

WHERE ROLLED STEEL STRUCTURAL SHAPES ARE CALLED FOR, COMPARABLE STRUCTURAL ALUMINUM SHAPES (ALLOY 6061-T6) MAY BE USED IN ACCORDANCE WITH FOLLOWING TABLE:

FOR ALL GUIDE SIGNS	STEEL	ALUMINUM	TYPE FOOTING
2 WF 31	12" X 16.1 LBS.		A
2 WF 27	12" X 14.8 LBS.		A
2 WF 25	12" X 13.9 LBS.		A
2 WF 21	10" X 9.7 LBS.		A
2 WF 17	8" X 7.9 LBS.		A
4 WF 13	6" X 4.3 LBS.		A - 6" X 12" D.
4 I 13	6" X 3.8 LBS.		A - 5" X 12" D.

U CHANNELS SHALL HAVE 34 HOLES, 7/16" DIAM, 2" CENTER TO CENTER ON THE FIVE CORNERS AND THE TOP FOR MOUNTING SIGNS. ANGLES HAVE SAME HOLES.

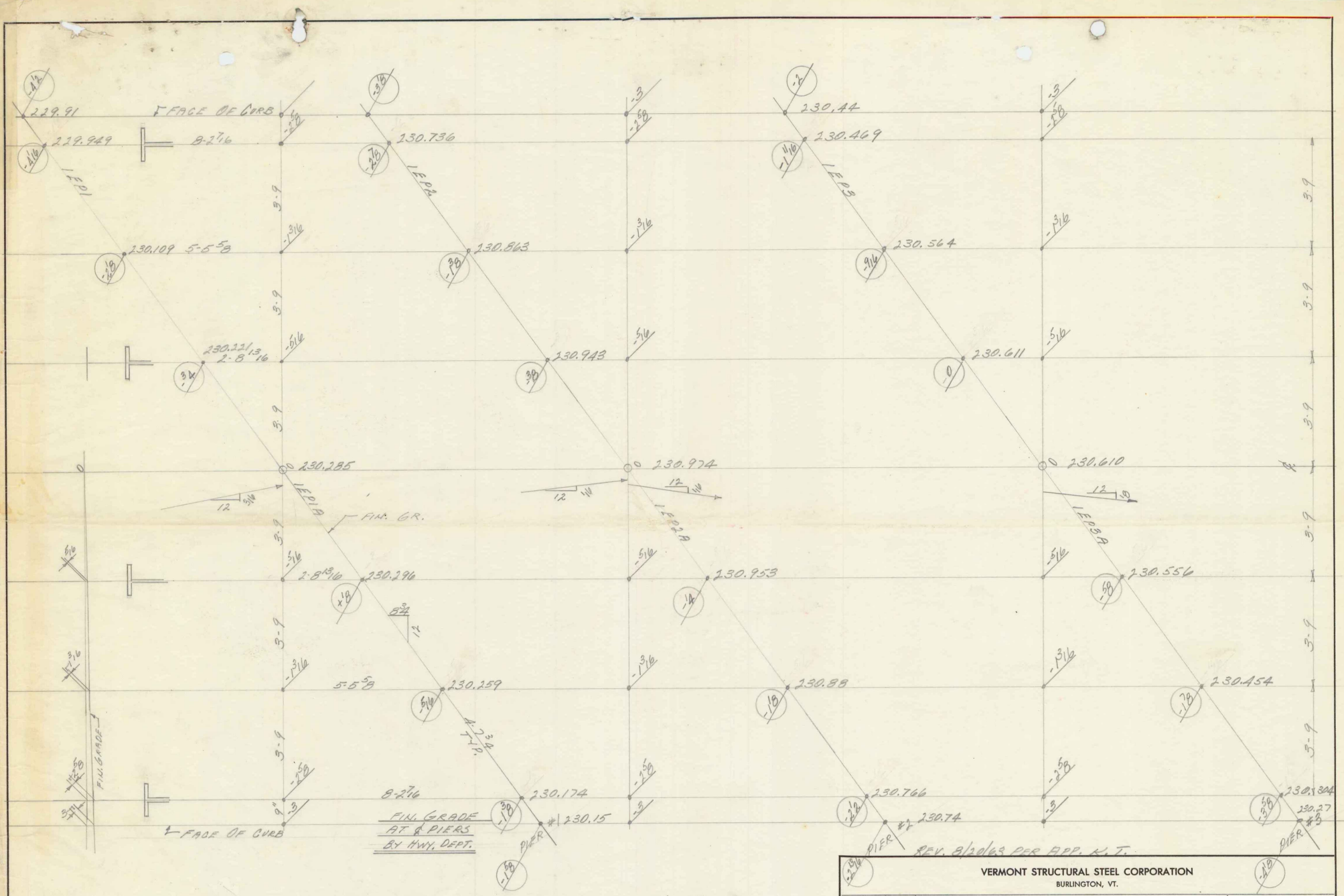
5. SIGN POST FOOTINGS

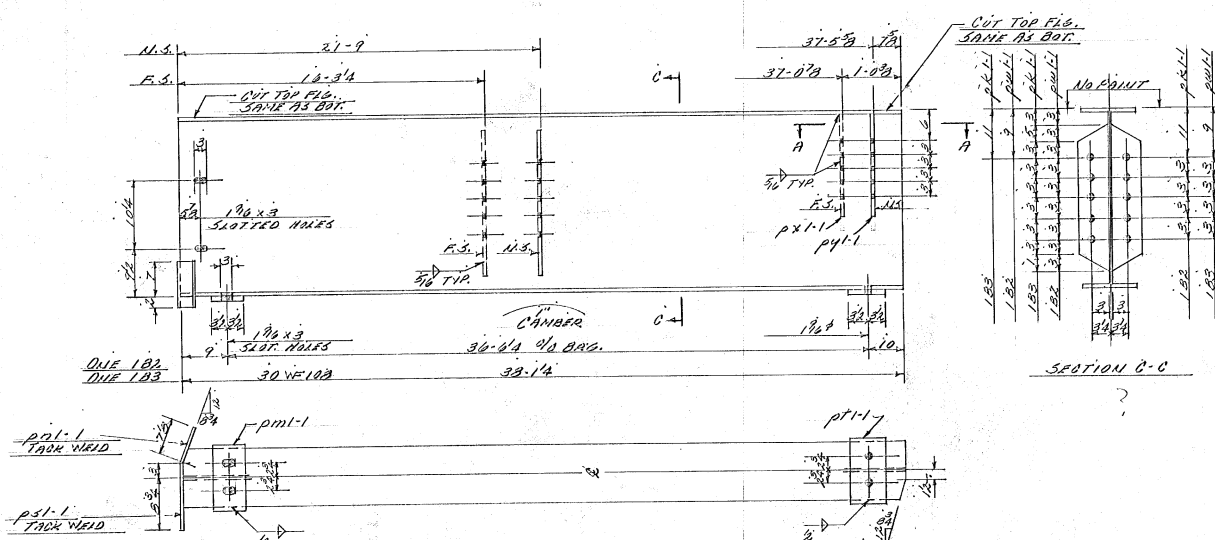
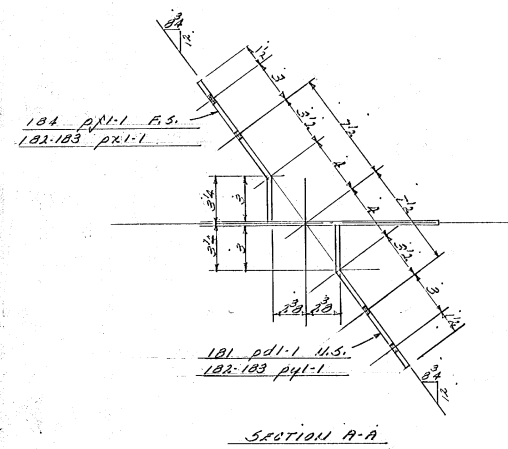
THE TYPE OF CONCRETE FOOTING TO BE USED FOR A SIGN SHALL BE AS INDICATED ON THE PLANS WHEN CONCRETE FOOTINGS ARE NOT REQUIRED, SIGN POSTS SHALL BE SET IN THE GROUND TO THE FOLLOWING MINIMUM DEPTHS UNLESS OTHERWISE SHOWN ON THE PLANS:

POST SIZE	MIN. DEPTH
2 WF 13	5 FT.
2 WF 25	5 1/2 FT.
4 I 13	5 FT.
4 U 6" X 13"	5 FT.
4 U 5.4" X 13"	5 1/2 FT.
4 U 5.4" X 14"	4 1/2 FT.
4 U 5.4" X 12"	4 FT.
4 U 5.4" X 10"	3 1/2 FT.

ALL GUIDE SIGNS HAVE TYPE "A" FOOTINGS. INCREASE FOOTING SIZE SHOWN ON STANDARD SHEET E-5A CHART TO THAT FOR NEXT LARGER STEEL SIZE FOR ADDED WIND LOAD IN THIS CONTRACT AREA.

THE "CA" SIGNS HAVE WHITE REFLECTORIZED ACRYLIC PLASTIC REFLECTORS ON A NON-REFLECTORIZED BACKGROUND OF GREEN PORCELAIN ENAMEL FOR DESTINATION SIGNS OR BLUE PORCELAIN ENAMEL FOR SERVICES AND REST AREA SIGNS. THE FRAMES FOR THIS TEXT TO BE 1/8 INCH DEEP EMBOSSED ALUMINUM WHICH HAS BEEN PREPARED AND FINISHED WITH BAKING ENAMEL IN STRICT ACCORDANCE WITH THE MATERIAL MANUFACTURER'S RECOMMENDATIONS.





ASTM A36

BILL OF MATERIAL

30

NO.	NAME	DESCRIPTION	FE	IN	WEIGHT
		<u>BEAMS</u>			
1	181	3.3 WE 11A	3.3	14	200.33-1
1	182	3.0 WE 10A	3.3	14	200.33-1
1	183	3.0 WE 10A	3.3	14	
1	184	3.3 WE 11A	3.3	14	200.33-1
2	201-1	501.6 PL 2 X 1/2	1	25.0	
2	201-1	501.6 PL 2 X 1/2	1	25.0	124.24
2	201-1	501.6 PL 2 X 1/2	0	11.8	
2	201-1	501.6 PL 2 X 1/2	0	11.8	
2	201-1	202.5 X 3/4	2	3	FOR 181 & 184
2	201-1	202.5 X 3/4	2	0	FOR 181 & 183
1	201-1	87.6 PL 11 X 1/2	1	0	FOR 181
1	201-1	87.6 PL 11 X 1/2	2	0	FOR 184
2	201-1	87.6 PL 11 X 1/2	1	9	FOR 181 & 183
2	201-1	87.6 PL 11 X 1/2	1	9	FOR 181 & 183
2	201-1	PL 2 X 1/4	0	7.3	FOR 181 & 184
2	201-1	PL 2 X 1/4	1	0	
2	201-1	PL 2 X 1/4	2	0	FOR 181 & 183
2	201-1	PL 2 X 1/4	0	19	FOR 181 & 183
2	201-1	PL 2 X 1/4	0	11.4	FOR 181 & 183
		2" WELD	9	4	
		3/4" WELD	2.3	0	
		PAINT 3 OF 120.			

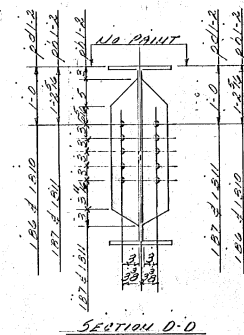
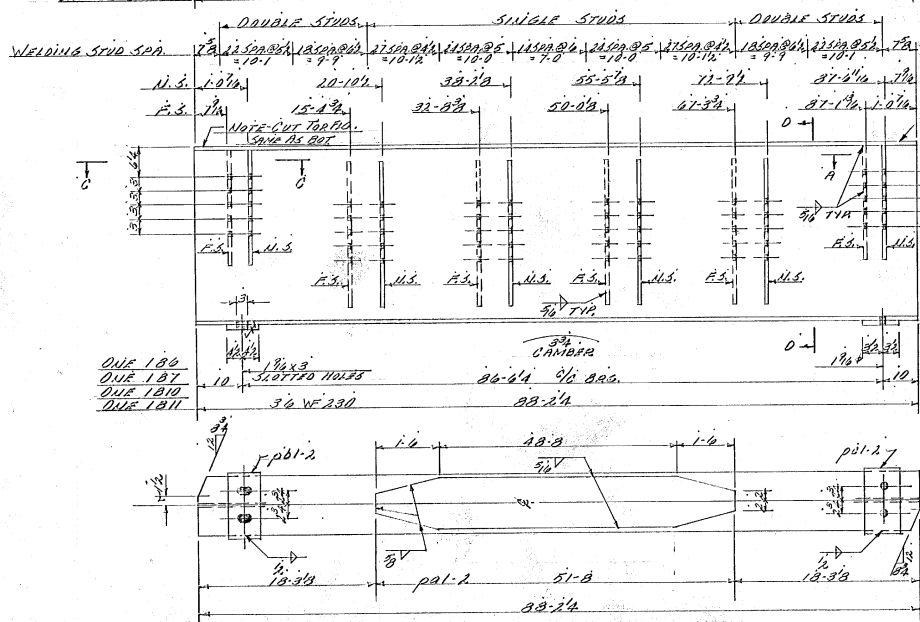
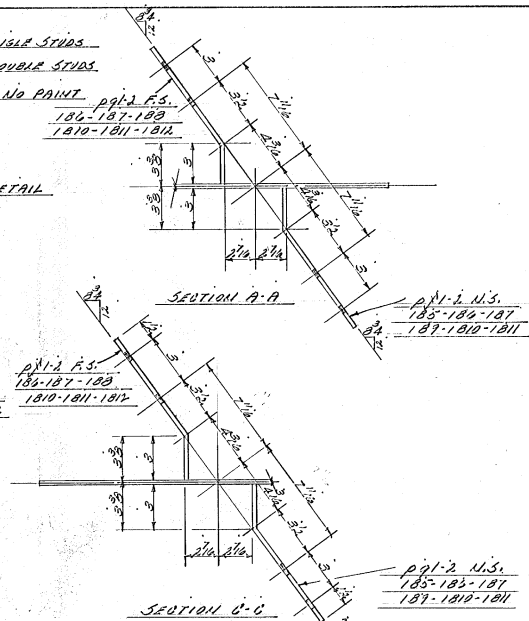
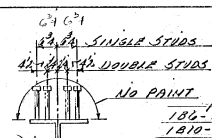
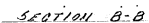
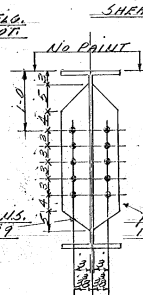
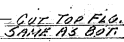
VERMONT STRUCTURAL STEEL CORPORATION

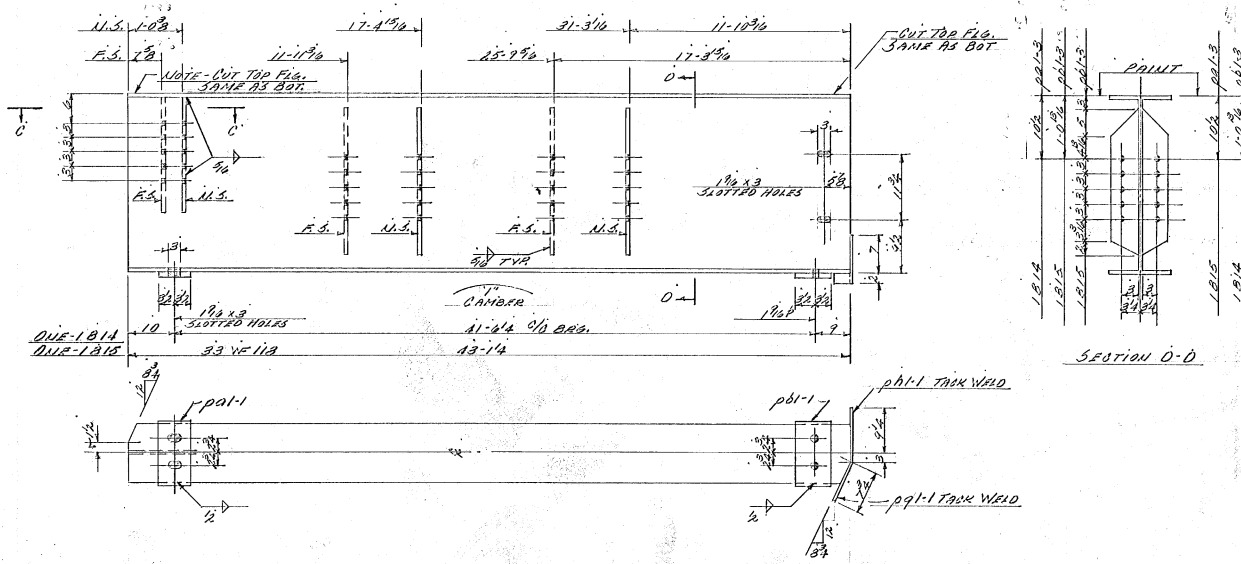
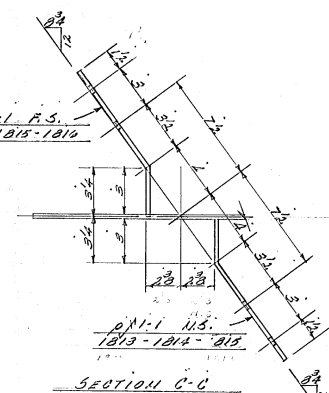
JURILETOWN, VT.

REV. PAR. PAR. 201-1 I-27-3(17)

CONT. #1

DATE	PROJECT	PRINTED RECORD	NO.	FOR	DATE
1-2-74	TOWN HALL #13 OVER I-27		3	FOR	2-1
LOCATION	COLCHESTER, VT.		10	FOR	2-1
CUSTOMER	W. W. WYMAN		3	FOR	2-1
ARCHITECT	STATE OF VT. DEPT. OF HIGHWAYS		1	FOR	2-1
JOB NO.	23-522-1	SHEET NO. 1-1			

[illegible]



ASTM A36

BILL OF MATERIAL

60

NO.	PIECES	GRADE	DESCRIPTION	LENGTH		WEIGHT
				FL	DL	
<u>BELTAYS</u>						
1	1B12		33'x4'x11 1/8	43	1 1/2	8559.89
1	1B12		do	43	1 1/2	860.4508
1	1B12		do	43	1 1/2	
1	1B12		33'x4'x11 1/8	43	1 1/2	860.43-22
4	201-1		3 1/2" FL 7 x 1	1	0 1/2	120.00
4	201-1		3 1/2" FL 7 x 1	1	0 1/2	120.00
2	201-3		822 5' x 2	2	3	332.01
4	201-3		822 5' x 2	2	3	351.1824/18/5
3	201-1		822 11' x 4	2	0	120.183-14-13
3	201-1		822 11' x 4	2	0	120.1814-15-10
4	201-1		822 9' x 4	0	7 3/4	120.00
4	201-1		822 9' x 4	1	0 1/2	120.00
3" WELD				9	4	
5/8" WELD				22	0	13.00
<u>PAINT 5 OF 120</u>						

VERMONT STRUCTURAL STEEL CORPORATION

BURLINGTON, VT.

DATE 12/2/80

PROJECT FWUW RD 33 DUG 101

LOCATION CAIROSTEELE, VT.

CUSTOMER W. W. WILSON

PRINT RECORD

NO.	PCR	SAYS
3	APP	A2
40	5000	2-20
3	APP	2-21

DRAWN BY KLZ 12/2/80

CHECK BY KLZ

HOLES 12/2/80

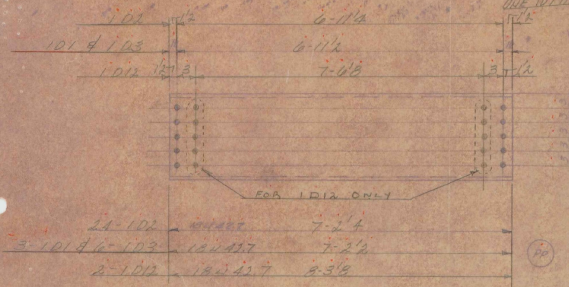
BYETS

PAINTING (VT 5000)

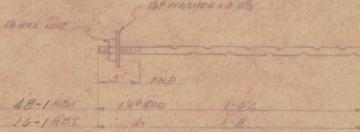
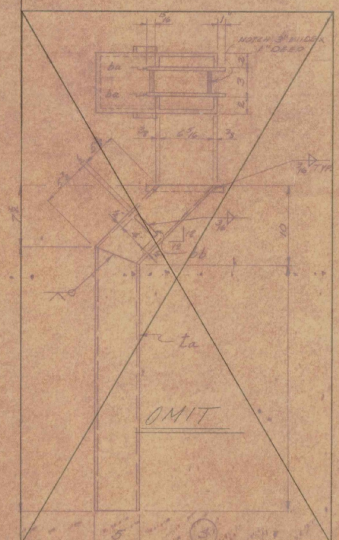
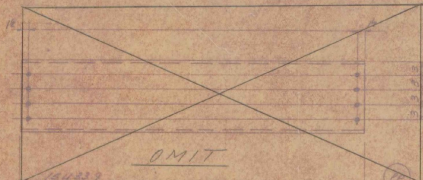
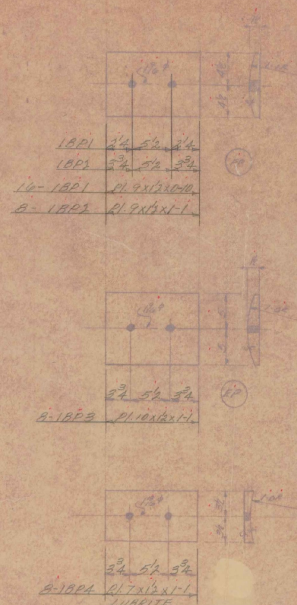
ARCHITECT STATE OF VT DEPT OF HIGHWAYS

JOB NO. 63-680-1

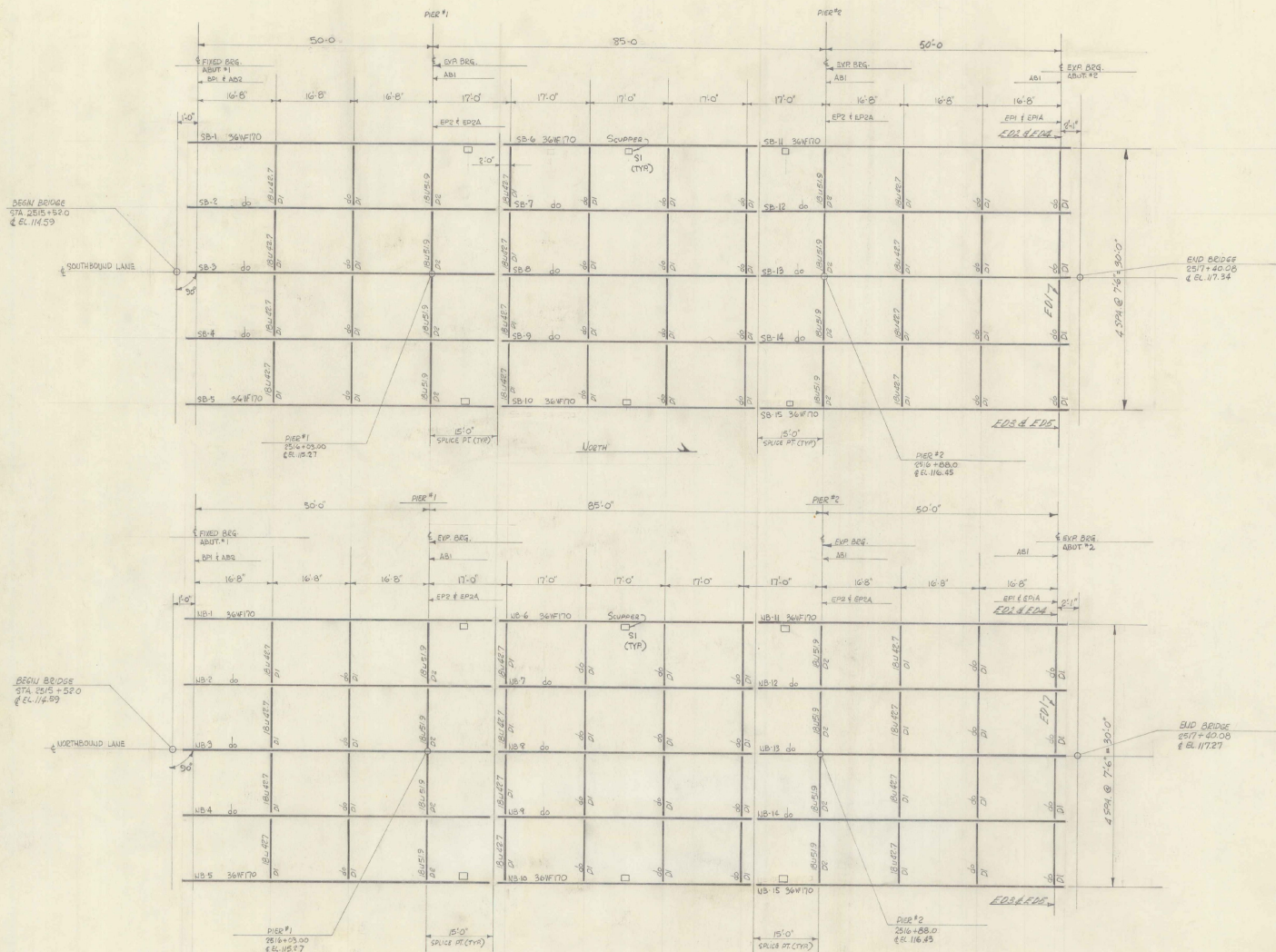
SHEET NO. 1-3



ONE 101 AS SHOWN	12 W. A. 7	B-2 1/2	
ONE 102 AS SHOWN	do	B-2 1/2	
ONE 103 AS SHOWN	do	B-2 1/2	
ONE 104 AS SHOWN	do	B-2 1/2	
ONE 105 AS SHOWN	do	B-2 1/2	
ONE 106 AS SHOWN	do	B-2 1/2	
ONE 107 AS SHOWN	do	B-2 1/2	
ONE 108 AS SHOWN	do	B-2 1/2	
ONE 109 AS SHOWN	do	B-2 1/2	
ONE 110 AS SHOWN	do	B-2 1/2	
ONE 111 AS SHOWN	do	B-2 1/2	
ONE 112 AS SHOWN	do	B-2 1/2	
ONE 113 AS SHOWN	do	B-2 1/2	
ONE 114 AS SHOWN	do	B-2 1/2	
ONE 115 AS SHOWN	do	B-2 1/2	
ONE 116 AS SHOWN	do	B-2 1/2	
ONE 117 AS SHOWN	do	B-2 1/2	
ONE 118 AS SHOWN	do	B-2 1/2	
ONE 119 AS SHOWN	do	B-2 1/2	
ONE 120 AS SHOWN	do	B-2 1/2	
ONE 121 AS SHOWN	do	B-2 1/2	
ONE 122 AS SHOWN	do	B-2 1/2	
ONE 123 AS SHOWN	do	B-2 1/2	
ONE 124 AS SHOWN	do	B-2 1/2	
ONE 125 AS SHOWN	do	B-2 1/2	
ONE 126 AS SHOWN	do	B-2 1/2	
ONE 127 AS SHOWN	do	B-2 1/2	
ONE 128 AS SHOWN	do	B-2 1/2	
ONE 129 AS SHOWN	do	B-2 1/2	
ONE 130 AS SHOWN	do	B-2 1/2	
ONE 131 AS SHOWN	do	B-2 1/2	
ONE 132 AS SHOWN	do	B-2 1/2	
ONE 133 AS SHOWN	do	B-2 1/2	
ONE 134 AS SHOWN	do	B-2 1/2	
ONE 135 AS SHOWN	do	B-2 1/2	
ONE 136 AS SHOWN	do	B-2 1/2	
ONE 137 AS SHOWN	do	B-2 1/2	
ONE 138 AS SHOWN	do	B-2 1/2	
ONE 139 AS SHOWN	do	B-2 1/2	
ONE 140 AS SHOWN	do	B-2 1/2	
ONE 141 AS SHOWN	do	B-2 1/2	
ONE 142 AS SHOWN	do	B-2 1/2	
ONE 143 AS SHOWN	do	B-2 1/2	
ONE 144 AS SHOWN	do	B-2 1/2	
ONE 145 AS SHOWN	do	B-2 1/2	
ONE 146 AS SHOWN	do	B-2 1/2	
ONE 147 AS SHOWN	do	B-2 1/2	
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ONE 150 AS SHOWN	do	B-2 1/2	
ONE 151 AS SHOWN	do	B-2 1/2	
ONE 152 AS SHOWN	do	B-2 1/2	
ONE 153 AS SHOWN	do	B-2 1/2	
ONE 154 AS SHOWN	do	B-2 1/2	
ONE 155 AS SHOWN	do	B-2 1/2	
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ONE 157 AS SHOWN	do	B-2 1/2	
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ONE 162 AS SHOWN	do	B-2 1/2	
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ONE 194 AS SHOWN	do	B-2 1/2	
ONE 195 AS SHOWN	do	B-2 1/2	
ONE 196 AS SHOWN	do	B-2 1/2	
ONE 197 AS SHOWN	do	B-2 1/2	
ONE 198 AS SHOWN	do	B-2 1/2	
ONE 199 AS SHOWN	do	B-2 1/2	
ONE 200 AS SHOWN	do	B-2 1/2	



BILL OF MATERIAL					
QTY	SIZE	DESCRIPTION	UNIT	WEIGHT	
		DISPOSITIONS			(8)
5	101	12 W. A. 7	7.12		
24	102		7.24		
6	103		7.12		
1	104		8.44		
1	105		8.34		
1	106		8.44		
1	107		8.34		
1	108		8.34		
1	109		8.34		
1	110		8.34		
1	111		8.34		
1	112		8.34		
1	113		8.34		
1	114		8.34		
1	115		8.34		
1	116		8.34		
1	117		8.34		
1	118	12 W. A. 7	8.12		
		POINT W. OF 196			
		BEARING PLATES			
14	1201	PL. 2 X 12	0.10	50	
5	1202	PL. 2 X 12	1	1	FD
8	1203	PL. 10 X 14	1	1	FD
8	1204	UBORTE PL. 12 X 14	1	1	FD
		WELDED JOINTS			
45	1201	12" 200 x	1.12		
12	1202		1.12		
16		1/4" WASHERS	0.68		
62		1/4" HEX. NUTS	0.68		
		FIELD NAT.			(6)
725		20" H. TEN. BRIS	8.14		
725		20" H. TEN. BRIS			
		20" H. TEN. BRIS			
VERMONT STRUCTURAL STEEL CORPORATION BURLINGTON, VT.					
Rev. Per. 200 2/14/63 M.T. 129-2 (14) Cont. #1					
PROJECT TOWN RD. #23 OVER IAP					
CONTRACTOR CHAMBERLAIN, V.T.					
BY ORDER W. W. WYMAN					
DATE 3/6/64	NOTED				
BY 1/21/63					
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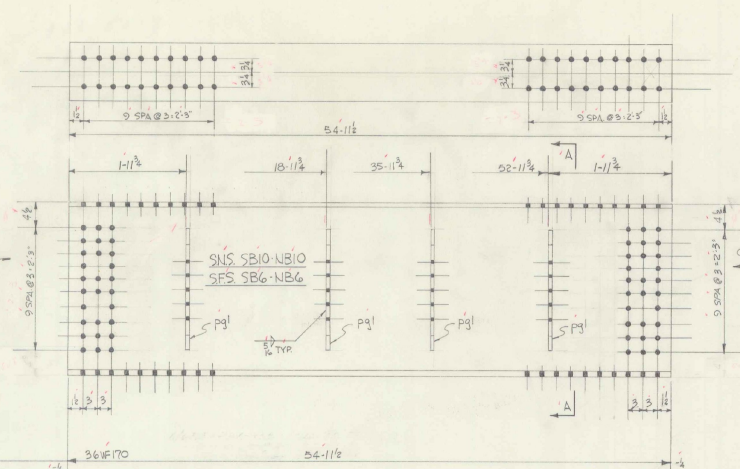
FRAMING PLAN

VERMONT STRUCTURAL STEEL CORPORATION BURLINGTON, VT.				PRINT RECORD	
DATE	NO.	FOR	DATE		
DESIGNED BY	10/1/83	10/1/83	10/1/83		
CHECKED BY	10/1/83	10/1/83	10/1/83		
HOME					
REVIS					
PAID BY					
PROJECT: Castleton Bridge, Int. 89				SHEET NO. 10/1	
LOCATION: Castleton, Vermont				DATE: 10/1/83	
CUSTOMER: W.W. WYMAN				SHEET NO. 10/1	
ARCHITECT: State of Vermont Dept. of Highways				DATE: 10/1/83	
JOB NO. 83-892-3				SHEET NO. 10/1	
SHEET NO. 10/1				DATE: 10/1/83	
SHEET NO. 10/1				DATE: 10/1/83	
SHEET NO. 10/1				DATE: 10/1/83	

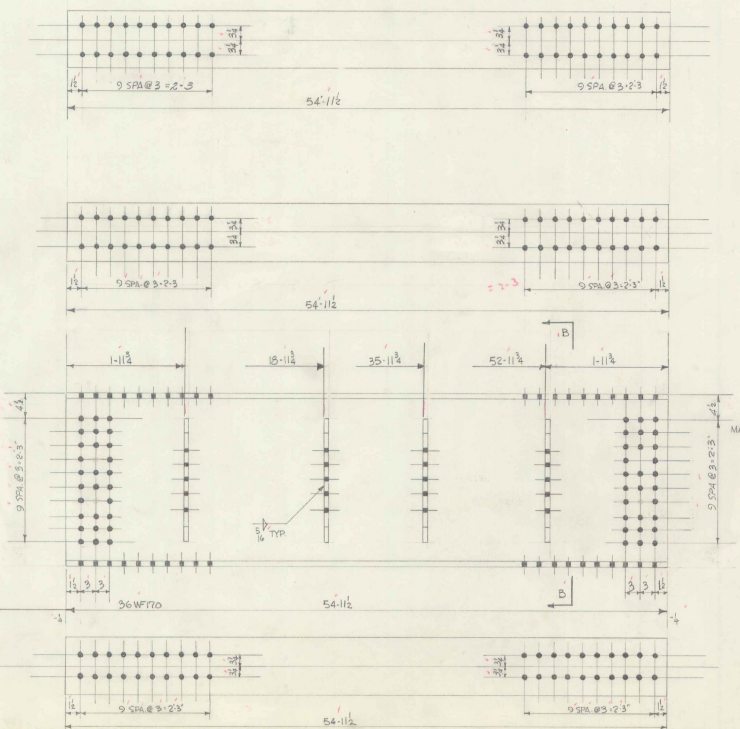
REF. P&G 9902 11/24/00 11/24/00		VERMONT STRUCTURAL STEEL CORP.		DATE	
PROJECT		BURLINGTON, VT.		I-89-3(1B) CONTR. #3	
DESIGN BY	MS 9-18-00	PROJECT	COLCHESTER BRIDGE INT. 89		PRINT REVISION
CHECK BY	MS 11/24/00	LOCATION	COLCHESTER VERMONT		NO.
		CUSTOMER	N.W. WYMAN		FOR
					DATE
HOIST	NOT REQUIRED			1	APP'D 11/24/00
ERECT		ARCHITECT	ST. OF VERMONT DEPT. OF HIGHWAYS		1
PAINT	20 (16 SPOCS)	JOB NO.	63-690-2		30
DATE	11-24-00		SHEET NO. 1		1
				2	APP'D 11/24/00
				3	APP'D 11/24/00
				4	APP'D 11/24/00

MATCH: SB6 TO SB1
SB10 TO SB8
NB6 TO UB1
NB10 TO NB8

ONE SB6
ONE SB10
ONE NB6
ONE NB10

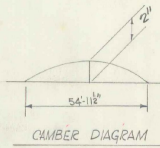
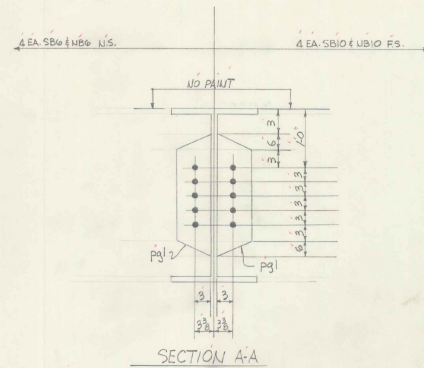


MATCH: SB6 TO SB11
SB10 TO SB9
NB6 TO NB7
NB10 TO NB9

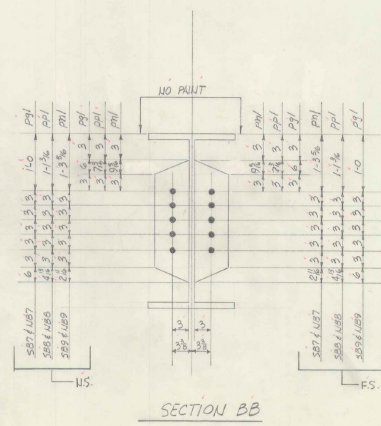


MATCH: SB7 TO SB2
SB8 TO SB5
SB9 TO SB4
UB7 TO UB2
UB8 TO UB3
UB9 TO UB4

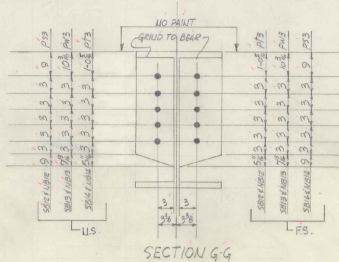
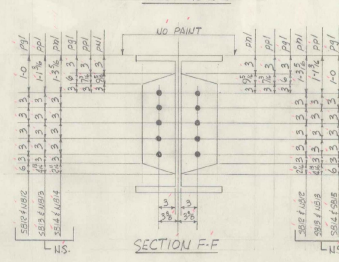
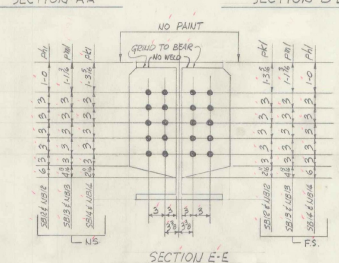
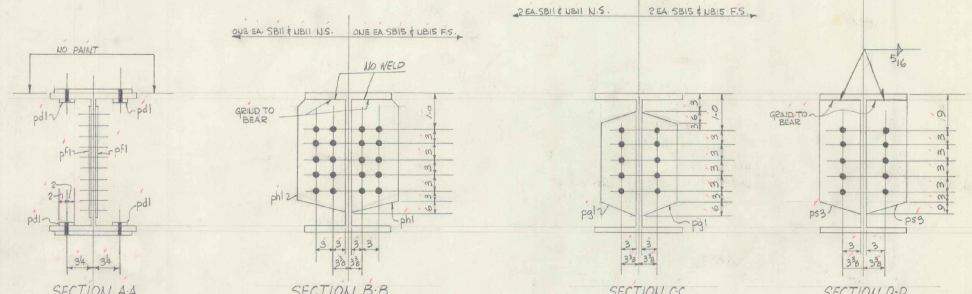
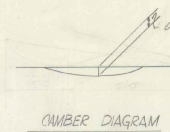
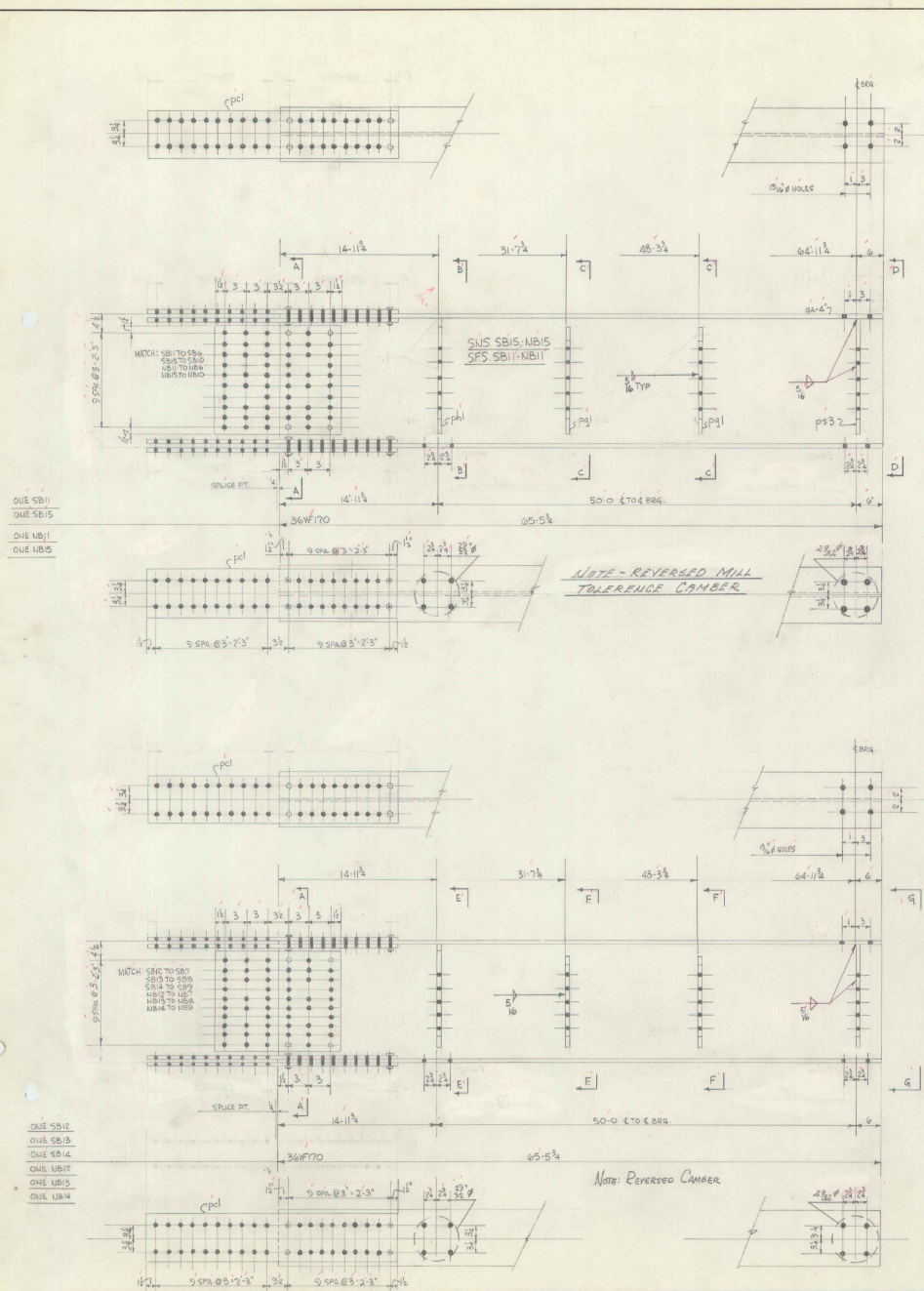
ONE SB7
ONE SB8
ONE SB9
ONE UB7
ONE UB8
ONE UB9



NOTE: ALL A440 STEEL IS TO BE SO MARKED AFTER PAINTING

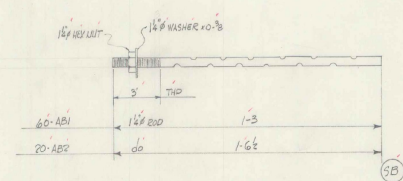
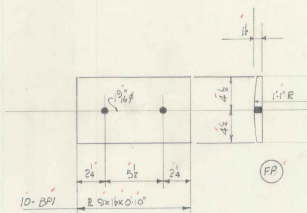
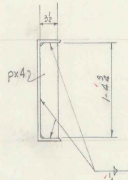
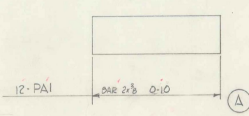


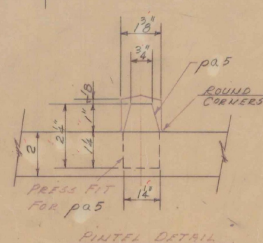
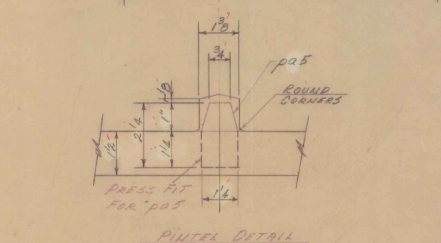
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				FT.	IN.				
BEAMS									
1		SB6	36WF170	54	11 1/2				
1		SB7	do	54	11 1/2				
1		SB8	do	54	11 1/2				
1		SB9	do	54	11 1/2				
1		SB10	do	54	11 1/2				
1		NB6	do	54	11 1/2				
1		NB7	do	54	11 1/2				
1		NB8	do	54	11 1/2				
1		NB9	do	54	11 1/2				
1		NB10	36WF170	54	11 1/2				
280 5 57537 2 54 1/2 A 440									
32		pg1	BAR 5"x12"	2	6				
16		pg1	do	2	6				
16		pg1	do	2	6				
2 SEE PAGE 66 57C A36									
PAINT 1/2 OF 1/2"									
5/16" WELD				320	0				
VERMONT STRUCTURAL STEEL CORPORATION									
BURLINGTON, VT.									
REV. PER APP. 10/14/69 BY JT									
1 892 (10) 10/14/69									
DESIGNED BY	AS	DATE	9-19-69	PROJECT	CHANDLER BRIDGE IMP. BR.				
LOCATION				CHANDLER VERMONT					
CHKD BY	KT	DATE	9-22-69	CUSTOMER	W.W. WYMAN				
HOURS	18.8 1.49 10/14/69			ARCHITECT	ST. DE VERMONT DEPT. OF HIGHWAYS				
EYES				JOB NO.	63-000-2				
PAINT	16 (16 SPOONS)			SHEET NO.	2				
				PRINT RECORD					
NO.	NO.	FOR	DATE						
1	1000	10-10	10-10						
1	1000	10-10	10-10						
1	1000	10-10	10-10						
30	10-10	10-10	10-10						
1	1000	10-10	10-10						
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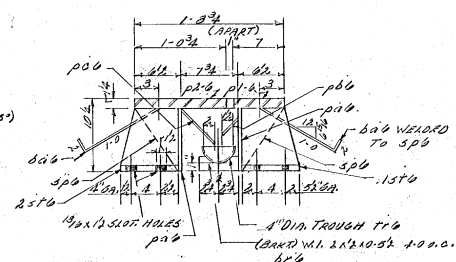


NOTE: ALL A440 STEEL IS TO BE SO MARKED AFTER PAINTING

BILL OF MATERIAL									
NO.	MARK	DESCRIPTION	LENGTH		WEIGHT				
			FE	PK					
BEAMS									
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	SB12	do	65	5 3/4					
	SB13	do	65	5 3/4					
	SB14	do	65	5 3/4					
	SB15	do	65	5 3/4					
	NB11	do	65	5 3/4					
	NB12	do	65	5 3/4					
	NB13	do	65	5 3/4					
	NB14	do	65	5 3/4					
	NB15	do	65	5 3/4					
	NB16	do	65	5 3/4					
	NB17	do	65	5 3/4					
	NB18	do	65	5 3/4					
	NB19	do	65	5 3/4					
	NB20	do	65	5 3/4					
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	NB22	do	65	5 3/4					
	NB23	do	65	5 3/4					
	NB24	do	65	5 3/4					
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	NB190	do	65	5 3/4					
	NB191	do	65	5 3/4					
	NB192	do	65	5 3/4					

[illegible]

[illegible]



4-051
(DOWNSPOUTS)

SECTION A-A
PLATES PL. 64 & 65 SHIP ASSEMBLED 1" APART
FOR SHIPMENT.
PIECE MK. 201

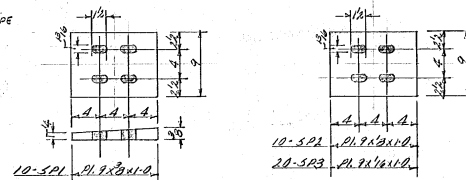


PLATE 01-6 ASSEMBLY

PL. 406 CAN NOT GO BELOW
FLANGE ON 25T6
(TYA)

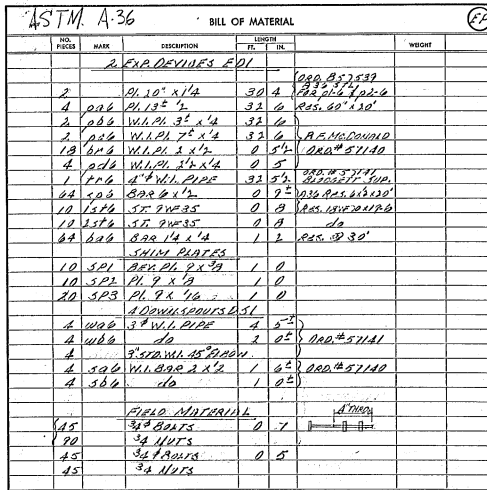
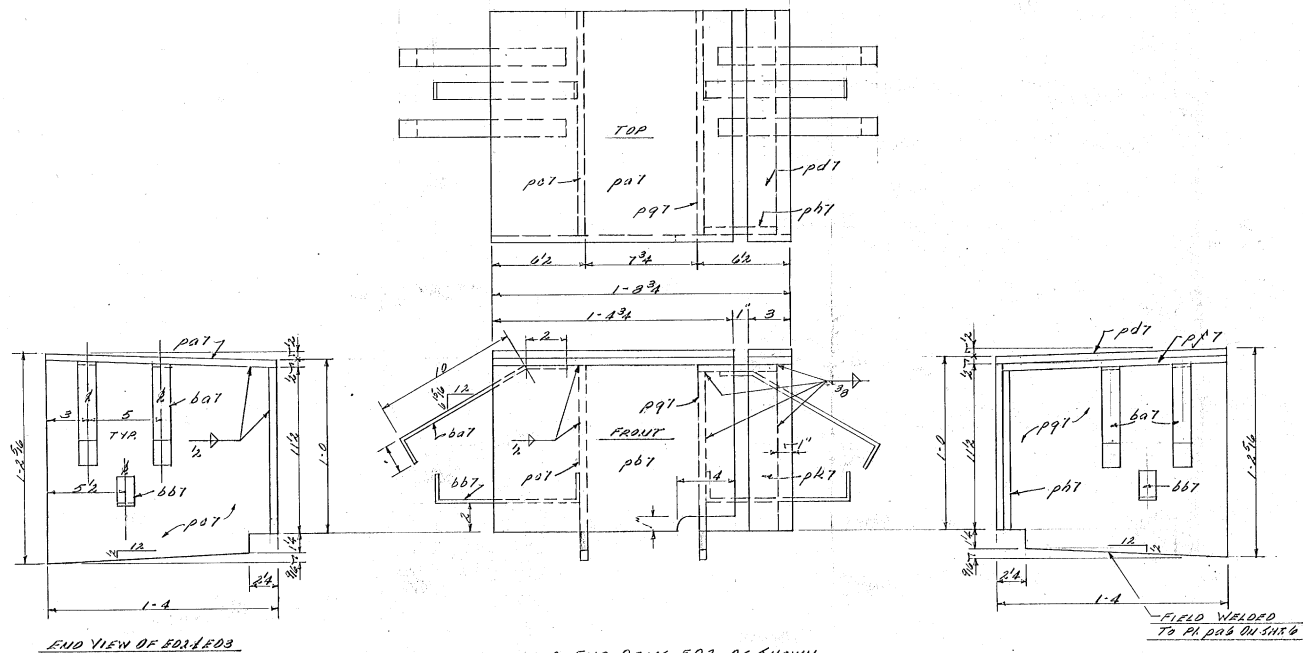
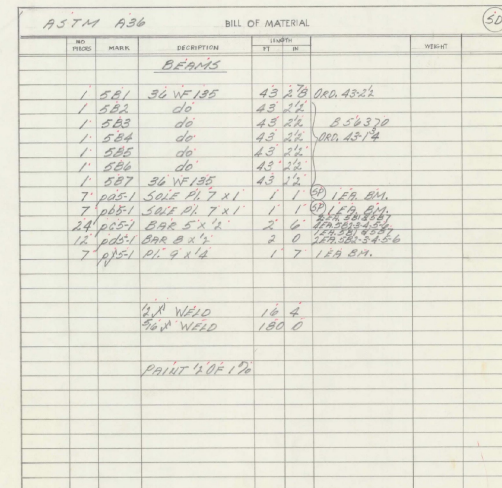
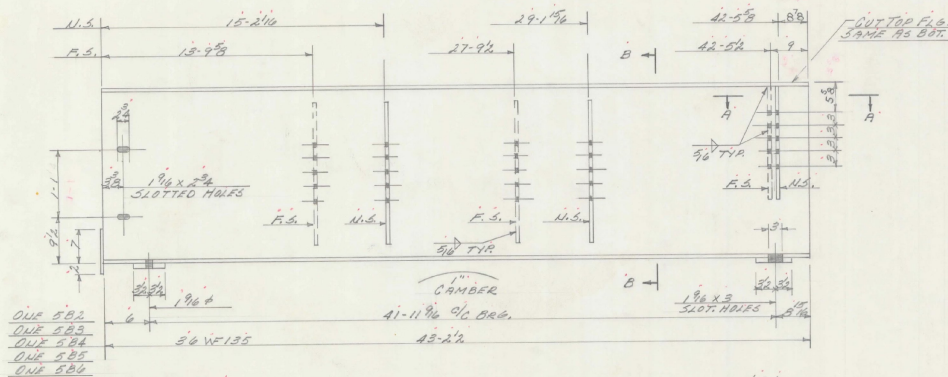
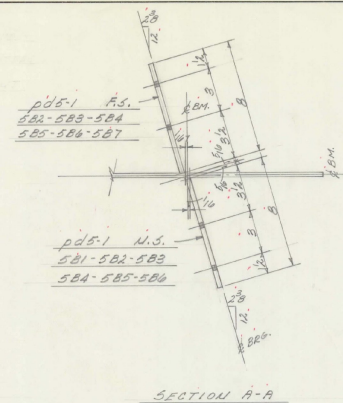


PLATE 02-6 ASSEMBLY

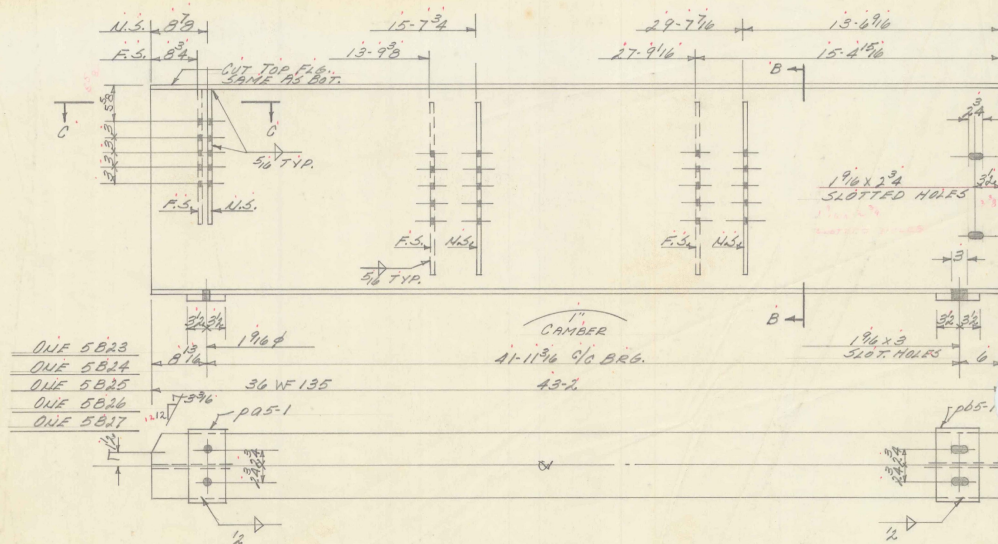
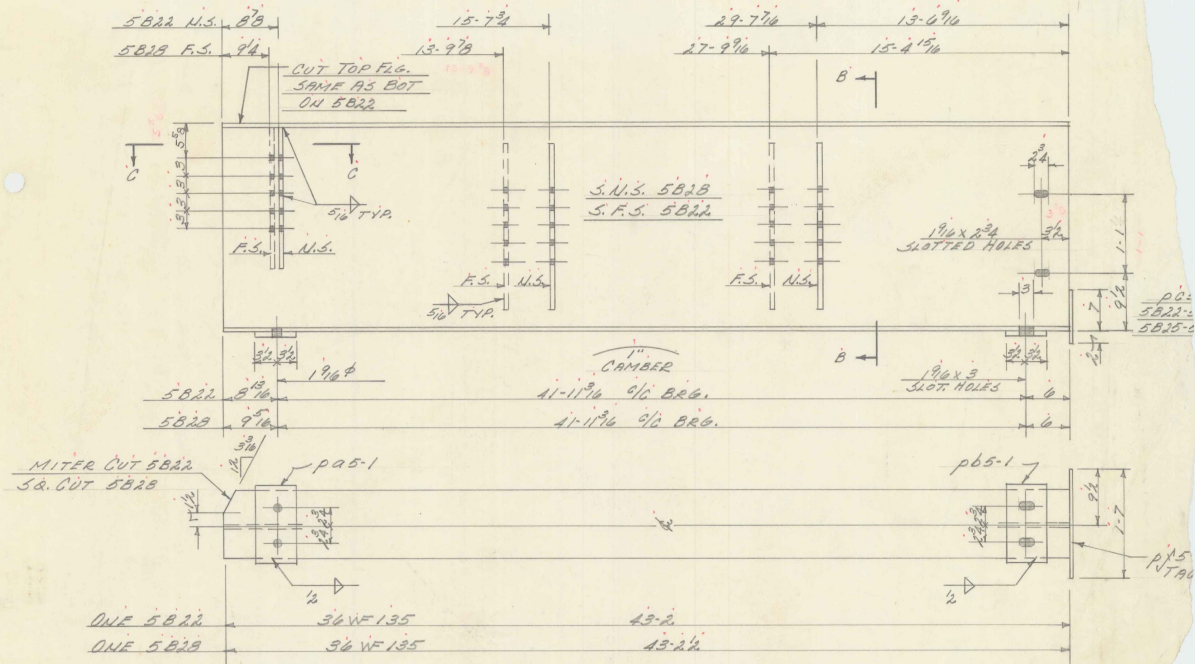
2 EXPANSION DEVICES EDI
AT ABUT. #2
N.B. & S.B.

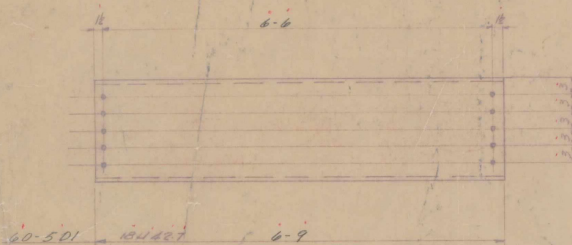
[illegible]





VERMONT STRUCTURAL STEEL CORPORATION				244-3412		CENT # 4	
BURLINGTON, VT.							
DATE	PROJECT	C/S OVER WINDY HILL					
ISSUED BY	LOCATION	CONCRETE					
BY	CUSTOMER	W. W. WYMAN					
NO.	TRK	NO.		TRK		DATE	
3	ADD	3		ADD		2/6	
4	CHG	4		CHG		2/6	
ARCHITECT				STATE OF VT. DEPT. OF HIGHWAYS			
JOB NO.				63-480-5			
SHEET NO.				5-1			
FAME, R.D. (Vt. 5202)							



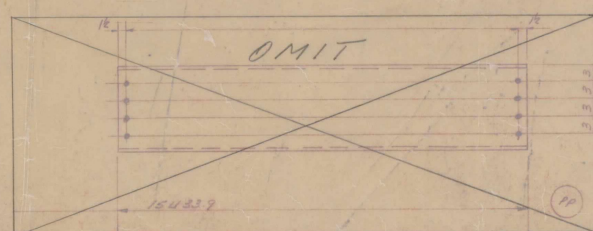


6-507 AS SHOWN
 6-505 AS SHOWN
 6-506 OPR HAND
 6-503 AS SHOWN
 6-504 OPR HAND
 6-502 OPR HAND

507 1/2"
 505-506 1/2"
 503-504 1/2"
 502 1/2"

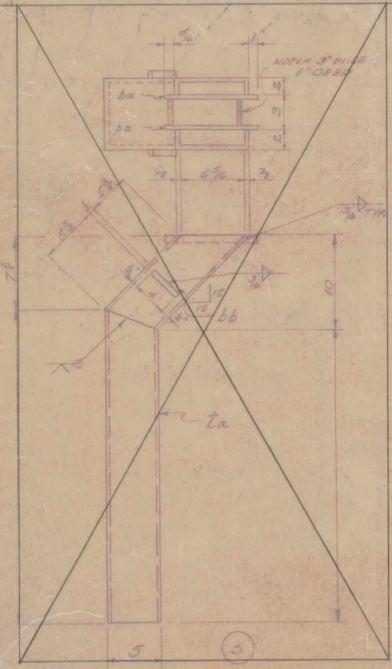
6-11/4
 6-10 3/4
 6-10 1/4
 6-9 15/16
 6-7 3/8
 6-6 15/16
 6-6 3/8
 6-6 1/4

5001
 500

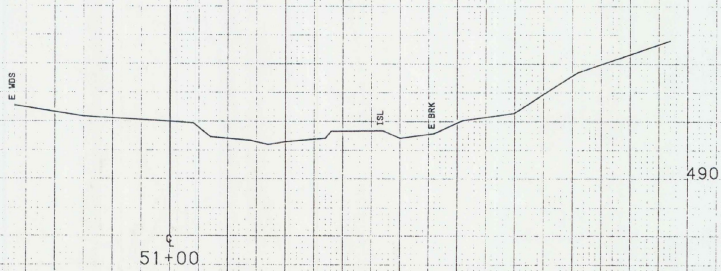


502 1/2"
 503-504 1/2"
 505-506 1/2"
 507 1/2"

6-6
 6-6 1/4
 6-6 3/8
 6-7 1/4



M



FROM STA.	51+00	TO STA.	51+00
PROJECT NAME	RUPERT MAIN2		
NO.	BR21441 (22)	PLOTTED	04/24/91
SURVEYED BY	ST. HAN		04/21/91

Vermont Agency of
Transportation
PHASE 1-INTERSTATE
#122302-01
INITIALS ☐
HANGER 304

* C/1 S/2
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