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46-169	CROSS SECTIONS

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
**PROPOSED IMPROVEMENT**  
FEDERAL PROJECT  
**TOWNS OF JAY - RICHFORD**  
COUNTIES OF ORLEANS-FRANKLIN  
**VERMONT ROUTE 105**  
NO. TROY-RICHFORD ROAD



PROJECT NAME & NUMBER TYPE PAVEMENT AREA  
JAY-RICHFORD F 034-2(1) STANDARD GRAVEL SURFACE 55,625 SQ. YD.  
RECORD WITH PEA STONE SEAL PLANS

**MATERIALS**

SUB-BASE OF GRAVEL - JEWITT PIT, LAVERY PIT, MURSE PIT, SMITH PIT & RIVER AT EAST RICHFORD, VERMONT.  
SUB-BASE OF SAND - MILLER PIT - EAST RICHFORD, VERMONT.  
SUB-BASE OF CRUSHED GRAVEL - SMITH PIT NO. 1 - STEVENS MILLS, EAST RICHFORD, VERMONT.  
AGGREGATES FOR CONCRETE CLASS "B" - NADEAU PIT - JOHNSON, VT.  
PORTLAND CEMENT - LONE STAR CEMENT CO. - HUDSON, NEW YORK.  
REINFORCING STEEL - VERMONT STRUCTURAL STEEL CO. - BURLINGTON, VT.  
WIRE CABLE GUARD RAIL - PULSEN WEBBER CO. - WESTBROOK, MAINE.  
GUARD RAIL POSTS - MAIN LINE FENCE CO. - WESTBROOK, MAINE.  
ACCOMMODATION PIPE - NEW ENGLAND METAL PIPE CO. - BOSTON, MASS.  
ASPHALT - MOBIL OIL CO. - EAST PROVIDENCE, RHODE ISLAND.  
CONTRACTOR - CALEDONIA SAND & GRAVEL CO.  
RESIDENT ENGINEER - HERBERT W. WASHBURN  
INSPECTOR - HORACE L. RAYMOND  
RECORD PLANS - ALEXANDER G. SHOLE

CONTRACT DATED - AUGUST 12, 1955  
CONTRACT STARTED - AUGUST 14, 1955  
CONTRACT COMPLETED - JULY 21, 1960  
CONTRACT ADDED - JULY 21, 1960

BEGINNING AT A POINT 3,589.4 FEET SOUTHEAST OF THE JAY-RICHFORD TOWN LINE AND EXTENDING WESTERLY 25,073.05 FEET.

LENGTH OF PROJECT 25,073.05 FT = 4.749 MILES  
LENGTH OF ROADWAY 25,034.45 FT = 4.741 MILES  
LENGTH OF BRIDGE 41.6 FT = 0.008 MILES

DESIGNATION	PERCENT
ADT (1955)	75
ADT (1975)	230
GVK	40
U	63%
V	15%
W	20

(To Be Returned To R.O.W. Division)  
Town of VT 105  
PERPETUAL  
TOWN FILE  
RIGHT-OF-WAY DIVISION



JAY - RICHFORD  
PROJECT NO. F 034-2(1)  
DATE 7/21/60  
STABILIZED GRAVEL SURFACE COURSE OF CUTBACK  
ASPHALT WITH PEA STONE SEAL.  
CONTRACTOR - CALEDONIA SAND & GRAVEL CO. INC.  
ST. JOHNSBURY, VERMONT.  
Contract beginning at a point 3,589.4 feet south of the Jay-Richford town line and extending westerly 25,073.05 feet.

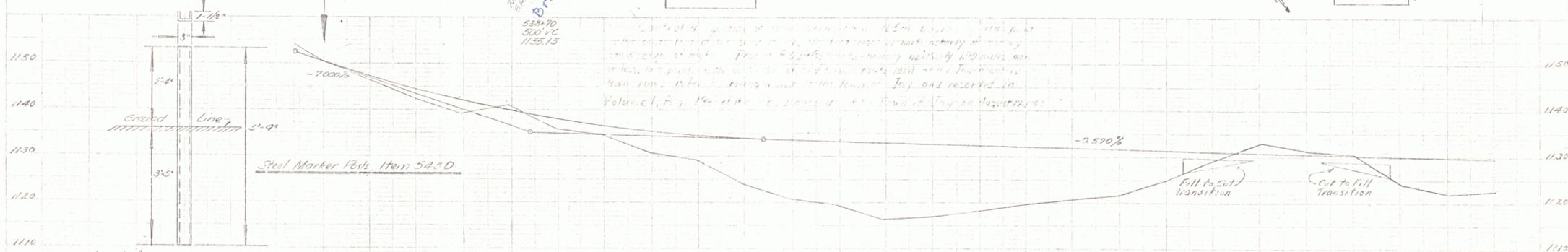
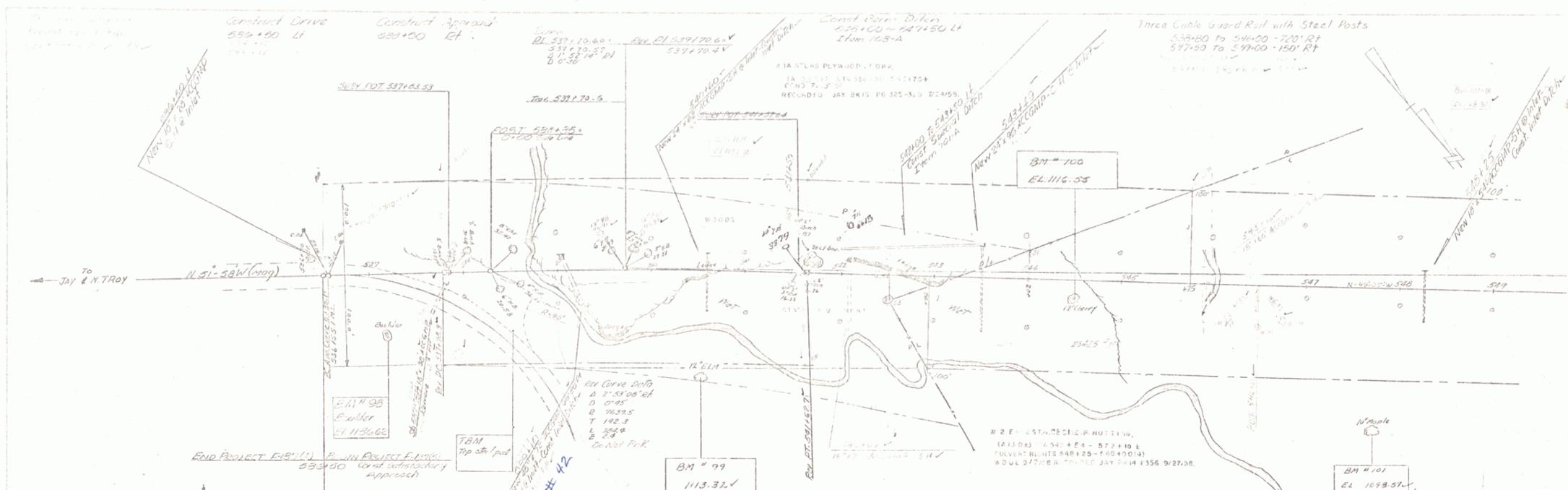
JAY-RICHFORD F 034-2(1)  
CONTRACTOR - CALEDONIA SAND & GRAVEL CO. INC.  
ST. JOHNSBURY, VERMONT.  
CONTRACT COMPLETED - JULY 21, 1960.

SCALES  
TYPE 1" = 100'  
TYPICAL 1" = 20'  
PLAN 1" = 50'  
PROFILE HORIZONTAL 1" = 10'  
VERTICAL 1" = 5'  
CROSS-SECTIONS 1" = 5'

APPROVED: [Signature]					
DATE: 6/1/58	DATE: 2/21/58	DATE: 6/1/58	DATE: 6/1/58	DATE: 6/1/58	DATE: 6/1/58

STEARNS R. JENKINS

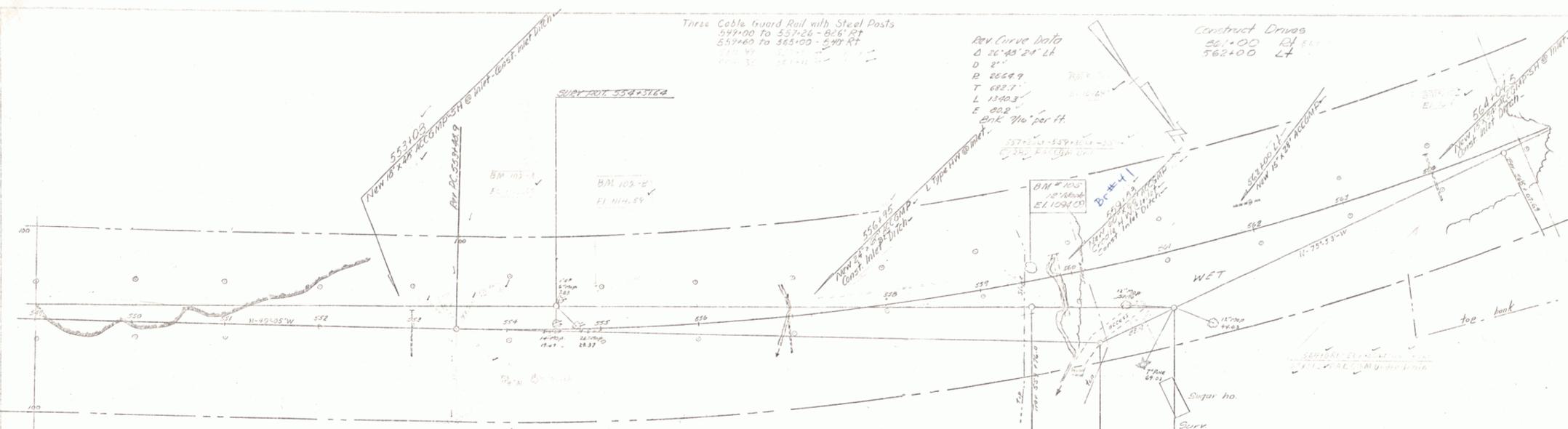
VT 105



All steel marker posts to be galvanized.  
 Steel marker posts to be placed at ends  
 of culverts and underdrain outlets as  
 directed by the engineer.  
 Posts are to be American channel  
 5'-9" x 3" 41 lbs per ft.

1154.1	1153.6	1152.8	1152.3	1151.8	1151.3	1150.8	1150.3	1149.8	1149.3	1148.8	1148.3	1147.8	1147.3	1146.8	1146.3	1145.8	1145.3	1144.8	1144.3	1143.8	1143.3	1142.8	1142.3	1141.8	1141.3	1140.8	1140.3	1139.8	1139.3	1138.8	1138.3	1137.8	1137.3	1136.8	1136.3	1135.8	1135.3	1134.8	1134.3	1133.8	1133.3	1132.8	1132.3	1131.8	1131.3	1130.8	1130.3	1129.8	1129.3	1128.8	1128.3	1127.8	1127.3									
538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600

JAY - EICHFORD  
 11/15/54  
 Sheet 11 of 102

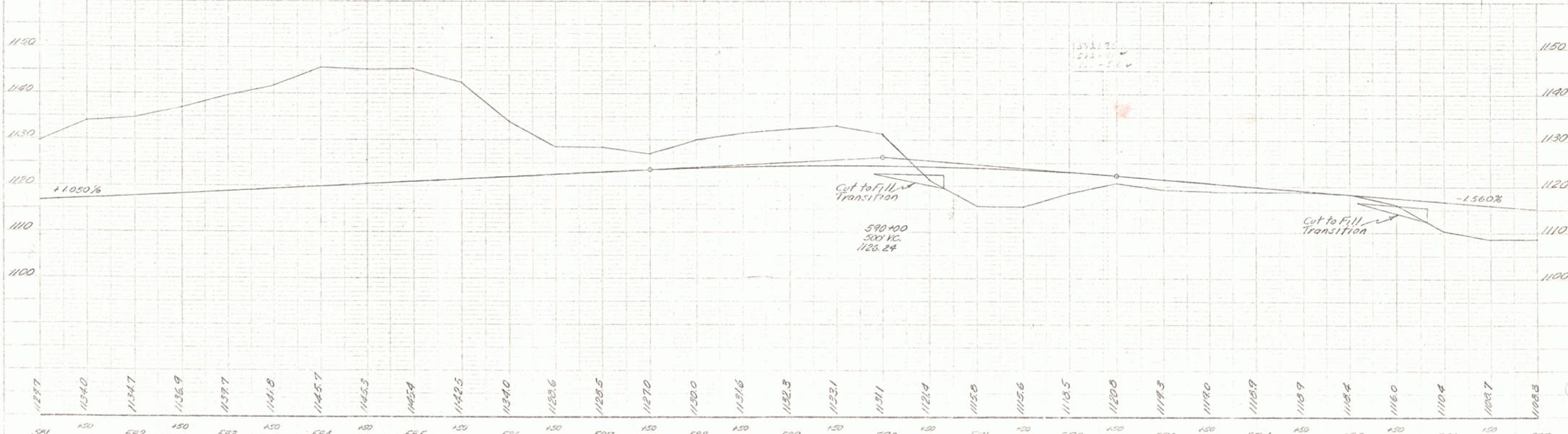
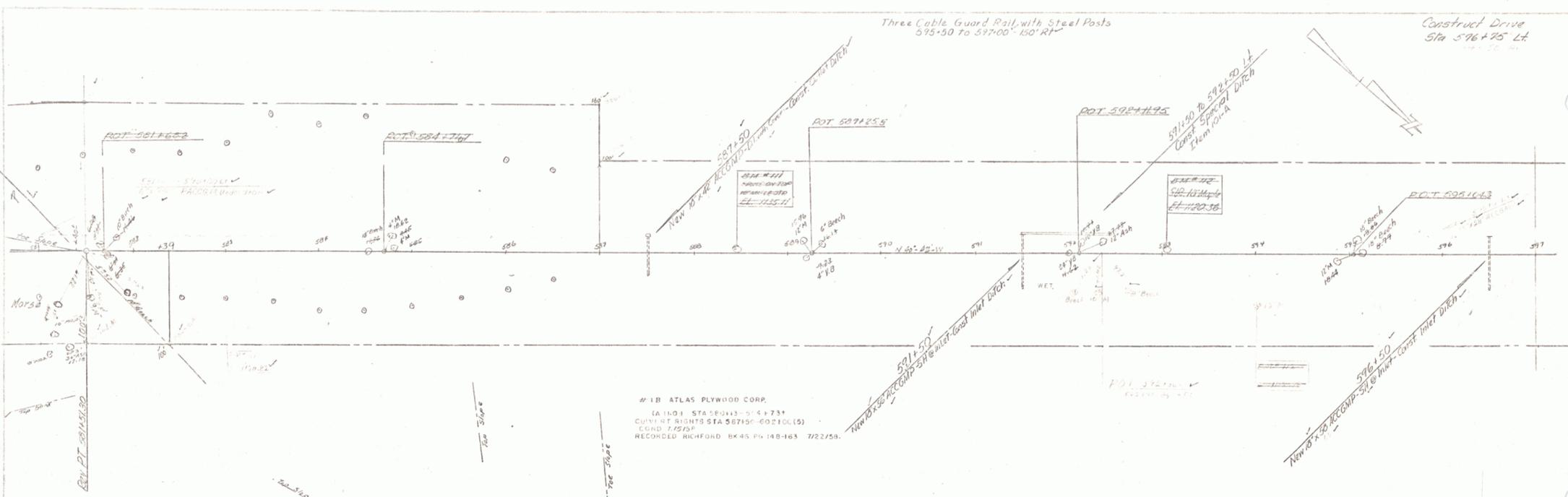


#2 ERNEST & CECILE P. NUTTING  
 (A13-01) STA 542+54 - 572+10 ±  
 CULVERT RIGHTS STA 548+25 - 568+10 (4)  
 WOOD BRIDGES  
 RECORDED - JAY BK 14 - P. 316 - 3/27/58



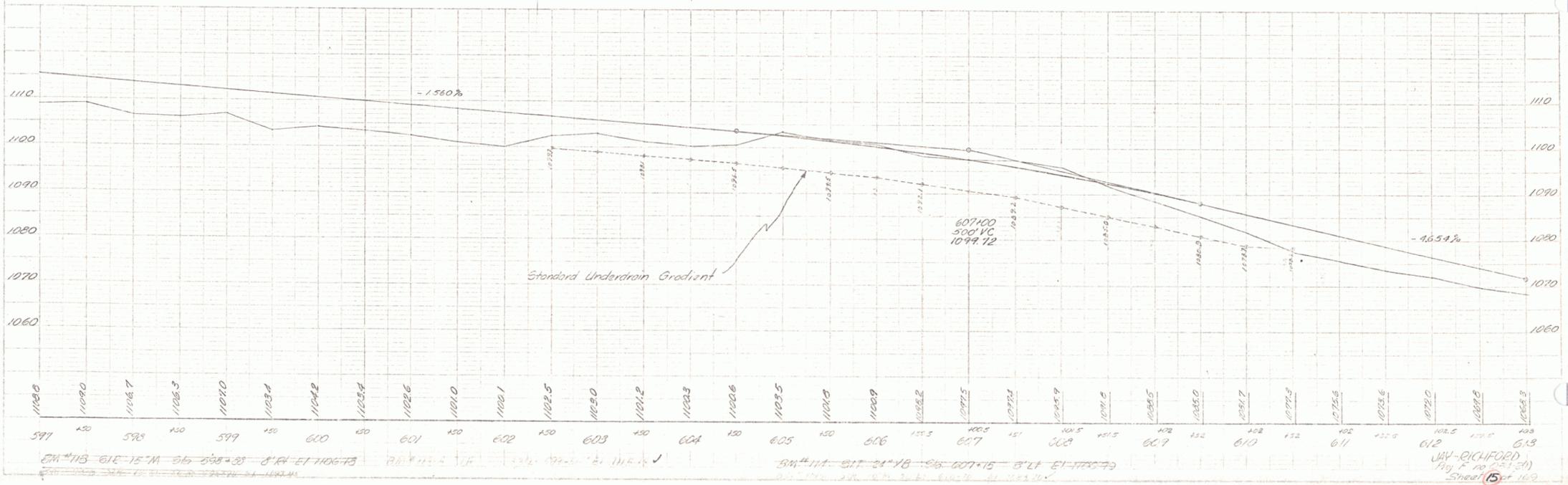
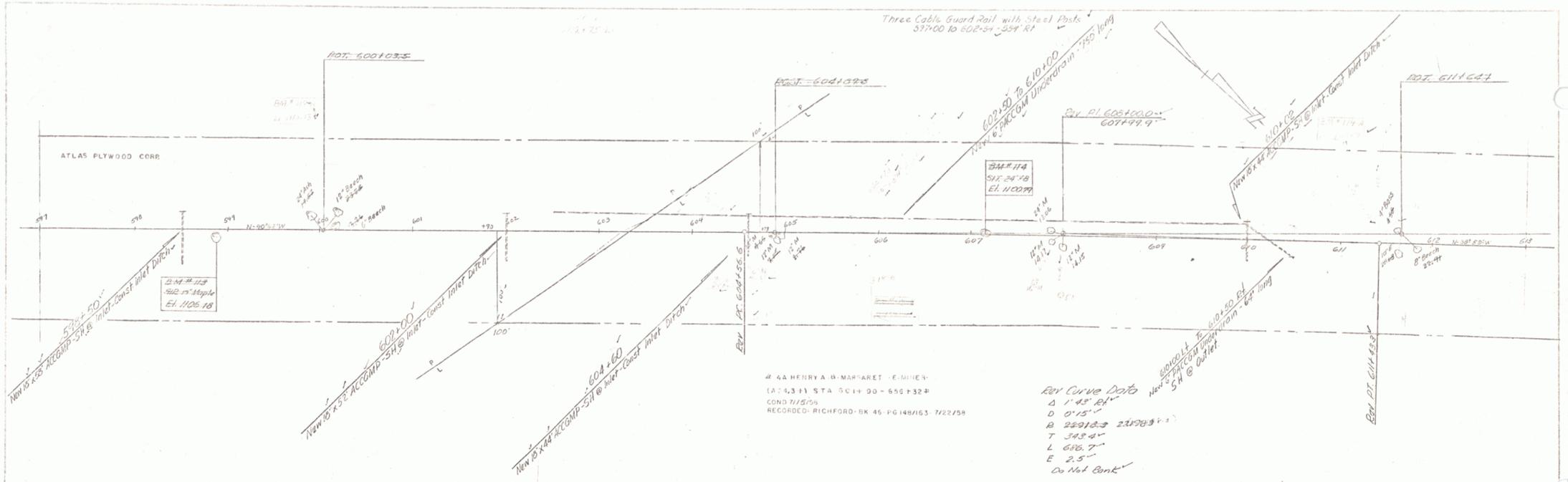
JAY RICHMOND  
 10/1/58  
 Sheet 12 of 100



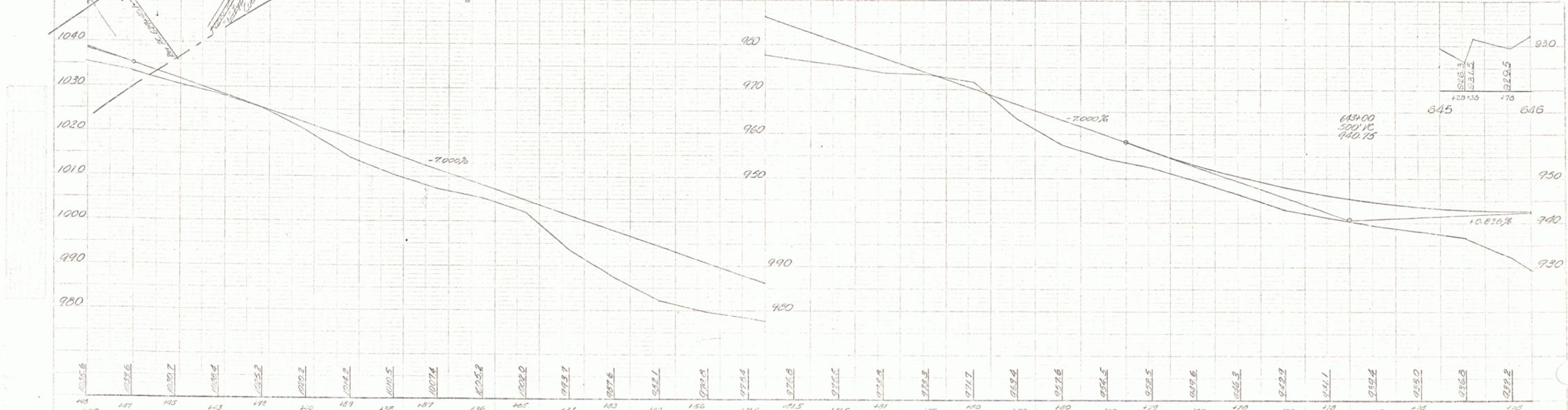
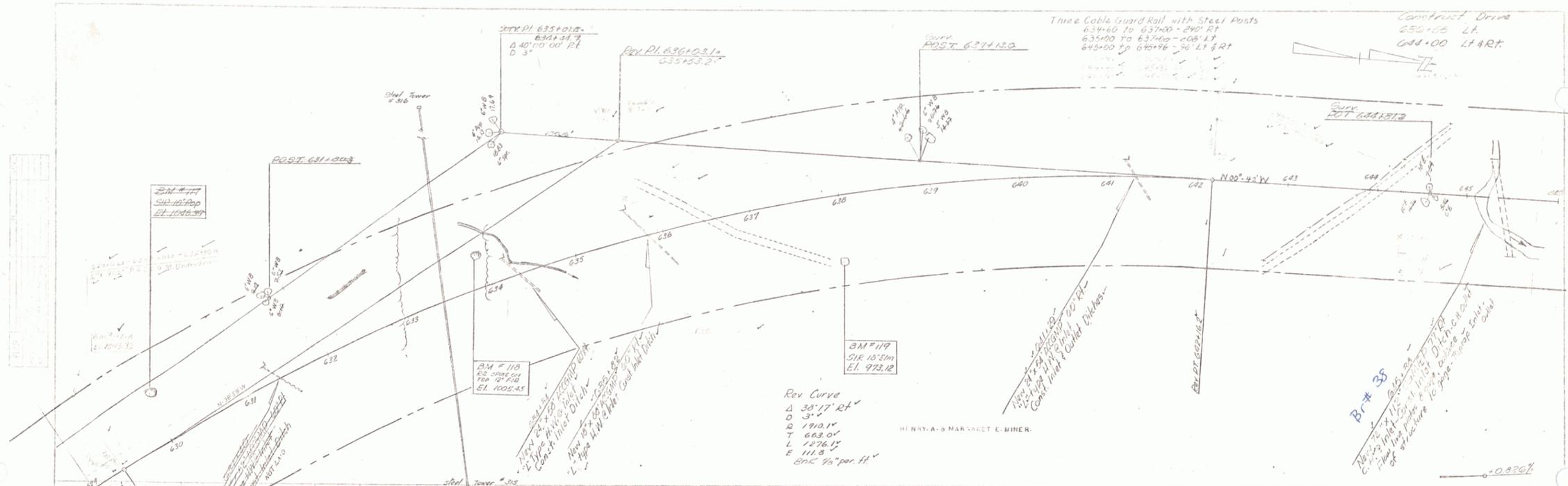


581 11287 11340 11347 11369 11397 11418 11457 11463 11454 11425 11340 11286 11295 11270 11300 11316 11323 11291 11311 11214 11158 11156 11135 11200 11193 11190 11189 11189 11184 11160 11104 11087 11085  
 582 150 583 150 584 150 585 150 586 150 587 150 588 150 589 150 590 150 591 150 592 150 593 150 594 150 595 150 596 150 597

JAY RICHMOND  
 Proj. No. 100-100  
 Sheet 14 of 19



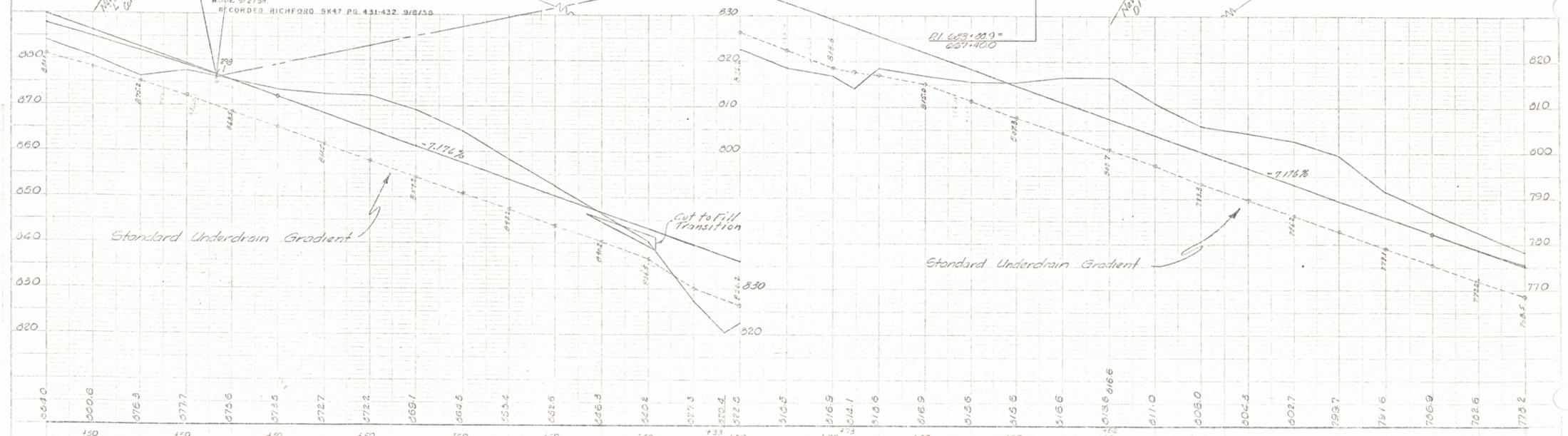
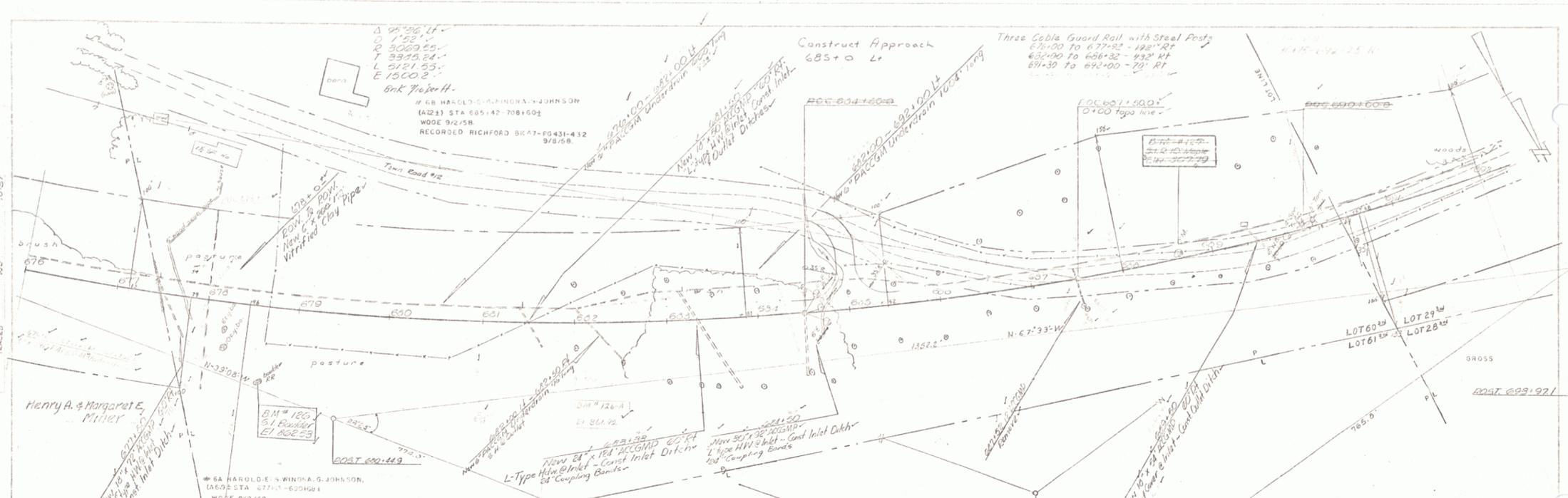




BM # 110 RE Spike on Top of 12" Fir 30' 21" 34 30' 21" El 1005.45  
 BM # 119 51.0' 12" Elm Sta 637+98 75' 21" El 973.12  
 G.A. EICHFORD  
 Proj. E. on 05/31/11  
 Sheet 17 of 16-9



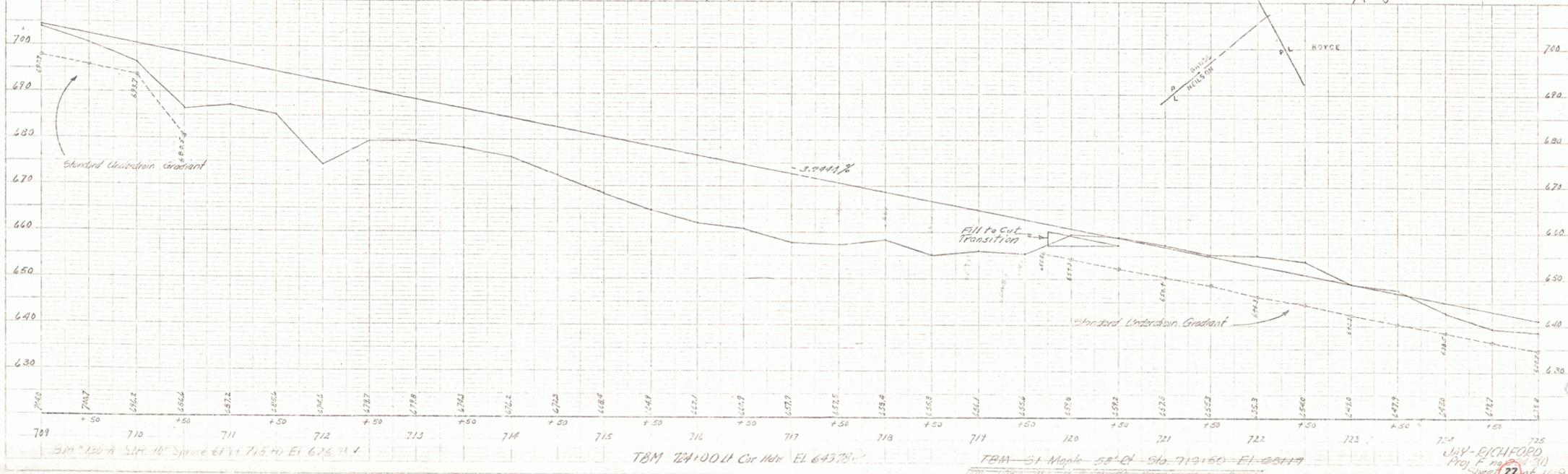
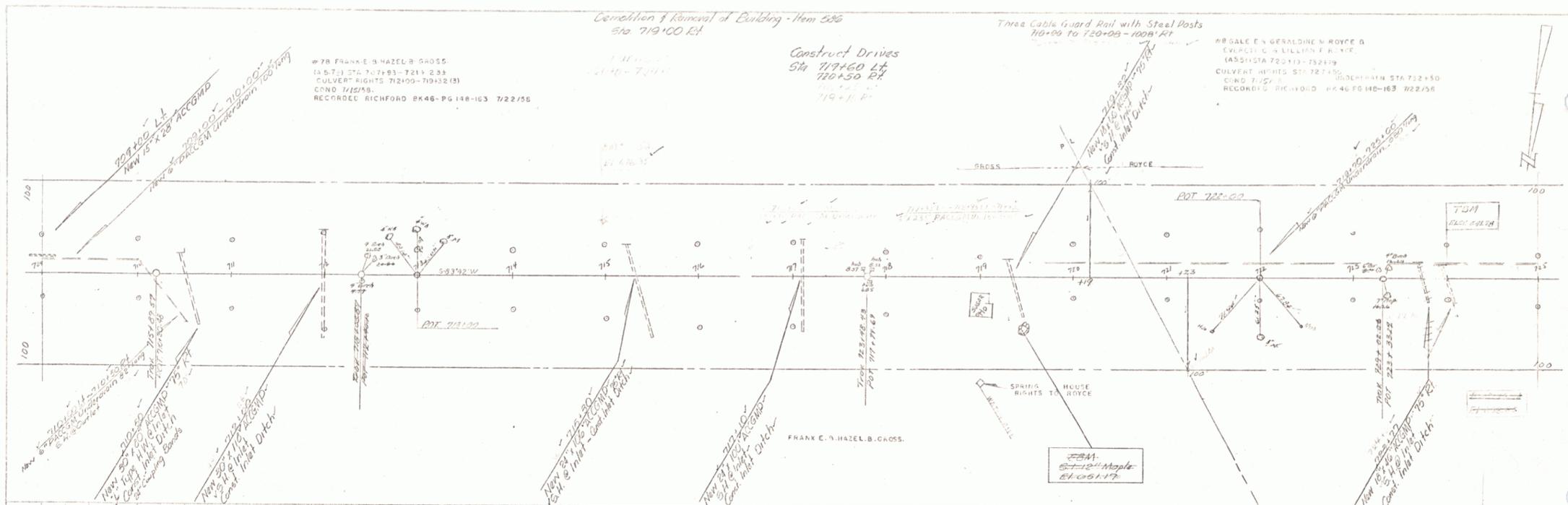




DATE: 5-57  
 DRAWN BY: JAC  
 CHECKED BY: JAC  
 SCALE: AS SHOWN  
 PROJECT: 601 JAY - RICH-3RD  
 SHEET: 20 of 142

B.M. # 126 G.I. Boulder Sta. 679+02 El. 822.53    B.M. # 1264 (New) Sta. 682+0 El. 831.54  
 B.M. # 127 G.I. Boulder Sta. 677+10 El. 827.79  
 601 JAY - RICH-3RD  
 Proj. F. No. 034-201  
 Sheet 20 of 142

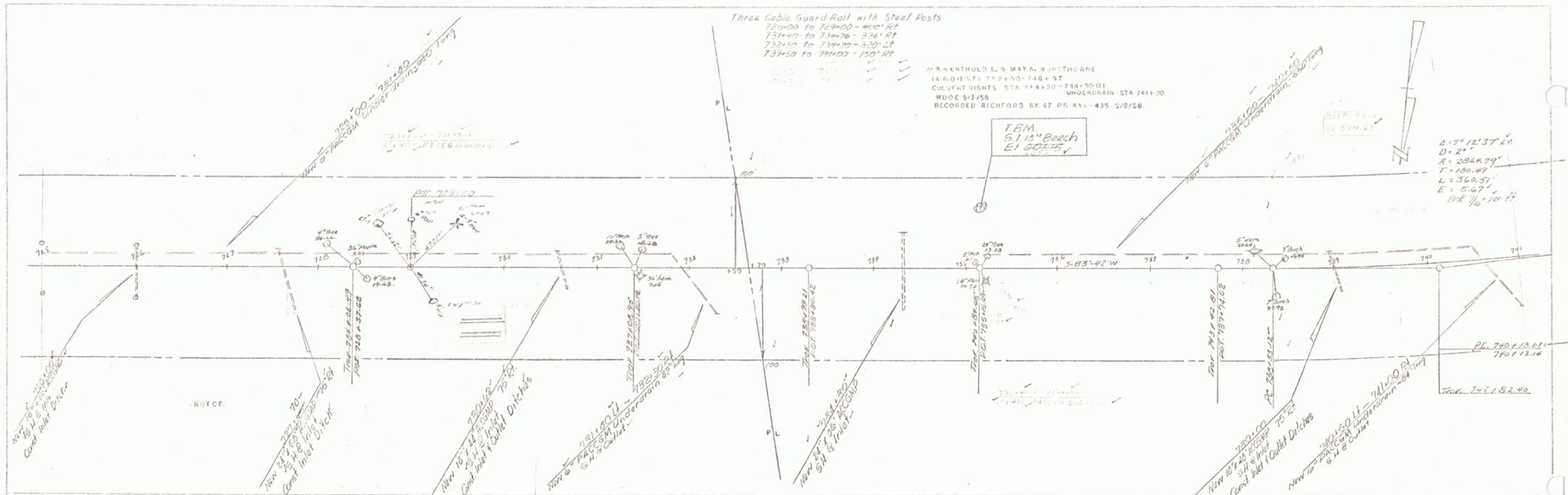




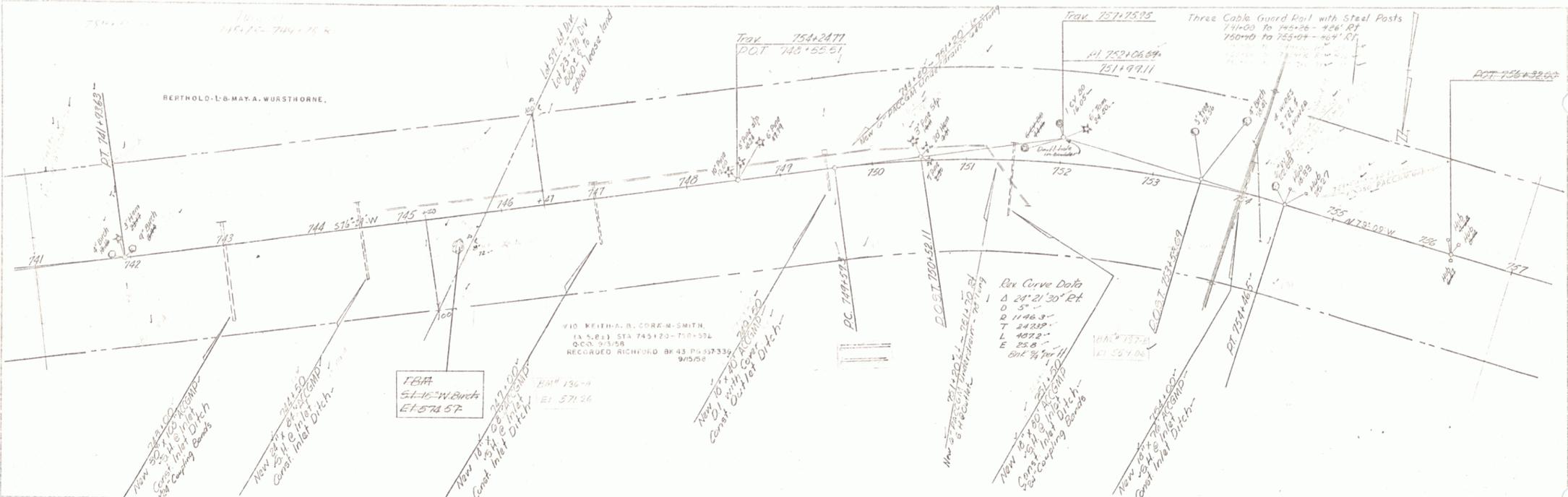
PLAN
DATE
SCALE
PROJECT
DESCRIPTION
BY
CHECKED
APPROVED

PROFILE
DATE
SCALE
PROJECT
DESCRIPTION
BY
CHECKED
APPROVED

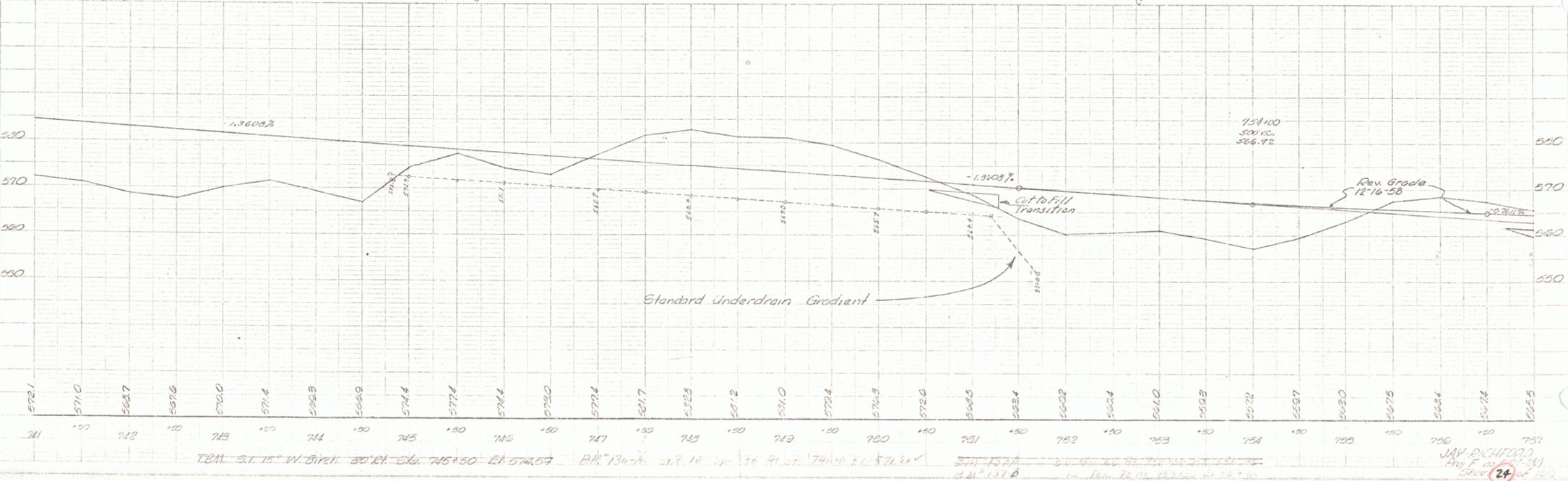
B.M. 130-A STA. 18' Spruce 61 ft. 715 to El. 6.76  
 TBM 724+00 Lt. Cut NW El. 6.4378  
 B.M. 51 Maple 58' El. Sta. 719+50 - El. 6.8117  
 JAY-RICHFORD  
 Proj. F. No. 31  
 Sheet 22 of 109



1957  
 A. A. J. 1957



S. Cummings 1957



TBM 51.15" W. Birch 30' RT Sta. 745+50 EA 574.57 BM 136-A 51.16" Sp. 36' RT Sta. 744+00 EI 571.26  
 BM 137-A 51.16" Sp. 36' RT Sta. 744+00 EI 571.26  
 BM 138-A 51.16" Sp. 36' RT Sta. 744+00 EI 571.26  
 JAY RICHFORD  
 Proj. F. 100-100-100  
 Sheet 24 of 100



#17 LOUIS C. A. CORINNO - SHIA  
 (A 3300 S.F.F.) 51275+83 - 78174+1  
 COND 7/2/58 RICHFORD BK 46 P. 146-153, 7/22/58.

Demolition & Removal of Existing  
 Structure  
 Sta 775+50 Lt  
 " 776+15 Lt

RALPH BROOKS  
 775+94  
 775+94

See 1/4 Plan for this parcel  
 #18 DANIEL H. WESTER  
 (A 3300 S.F.F.) 51275+83 - 78174+1  
 COND 7/2/58 RICHFORD BK 46 P. 146-153, 7/22/58.

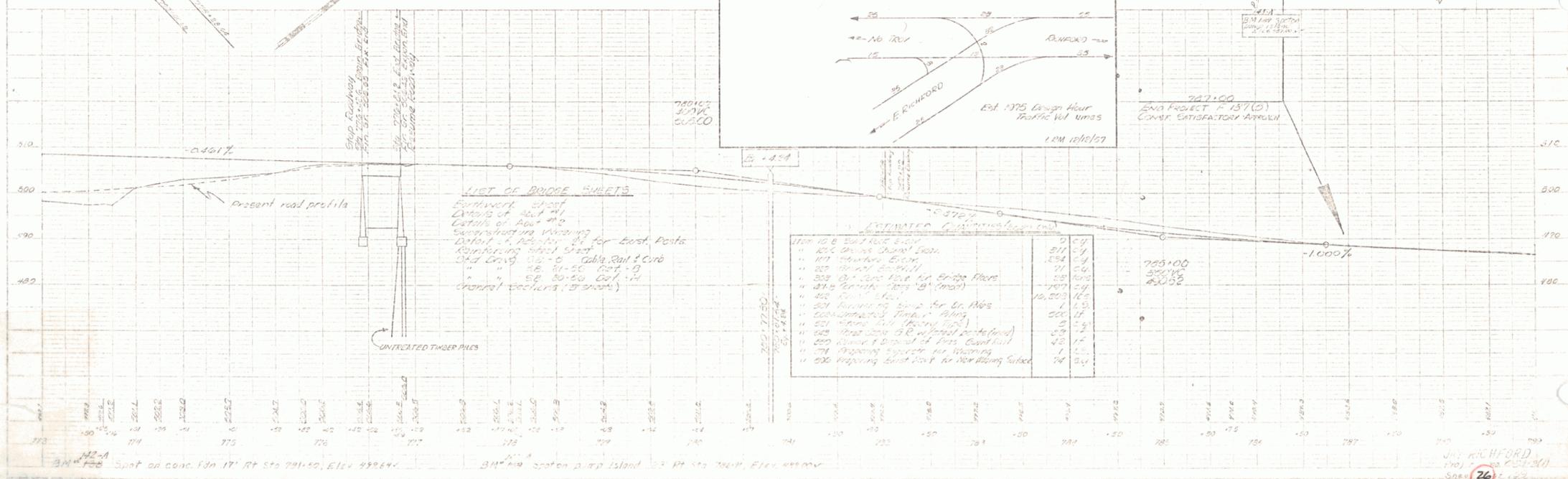
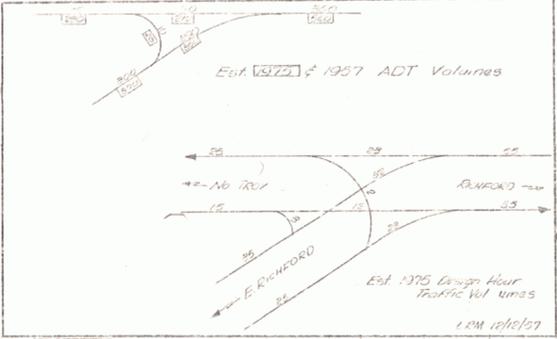
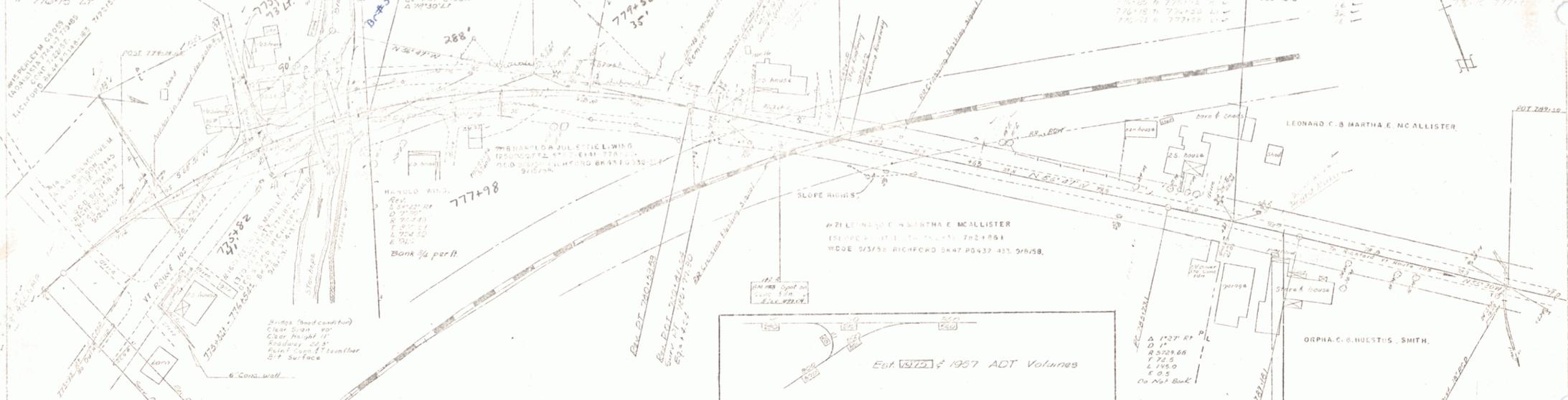
#23 ISRAEL G. OWEN  
 (A 3300 S.F.F.) 51275+83 - 78174+1  
 COND 7/2/58 RICHFORD BK 46 P. 146-153, 7/22/58.

Construct Approach  
 775+82 Lt

Construct Drive  
 775+65 Lt  
 775+87 Lt  
 781+50 Lt  
 782+50 Lt

Three Cattle Guard Rail with Steel Posts  
 779+36 - 779+60 Lt - 45' long  
 776+00 - 776+96 Lt - 42' long  
 776+32 - 776+88.2 Lt - 42' long

776+00 - 776+32 Lt  
 776+32 - 776+88 Lt  
 776+88 - 777+15 Lt



JAY RICHFORD  
 PROJ. ENGR. CS 1120  
 SHELBY COUNTY, TENN.  
 26

POOR ORIGINAL COPY



BRIDGE (good condition)  
 Clear Span 40'  
 Clear Ht. 11'  
 Footway 22.5'  
 Road Conc. 7' T-Beam floor  
 Sht. surface

Rev Curve Data  
 Δ 64° 22' Rt  
 D 71° 30'  
 R 764.19  
 T 592.61  
 L 724.69  
 E 343  
 Sunk 3/4" per ft.

27