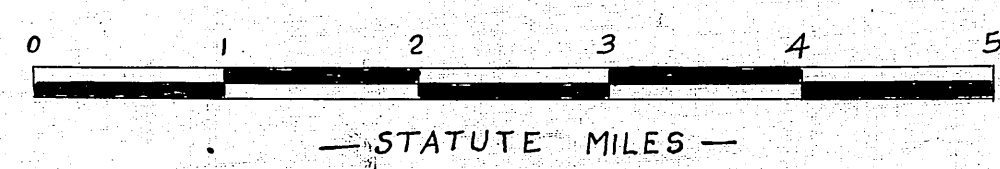
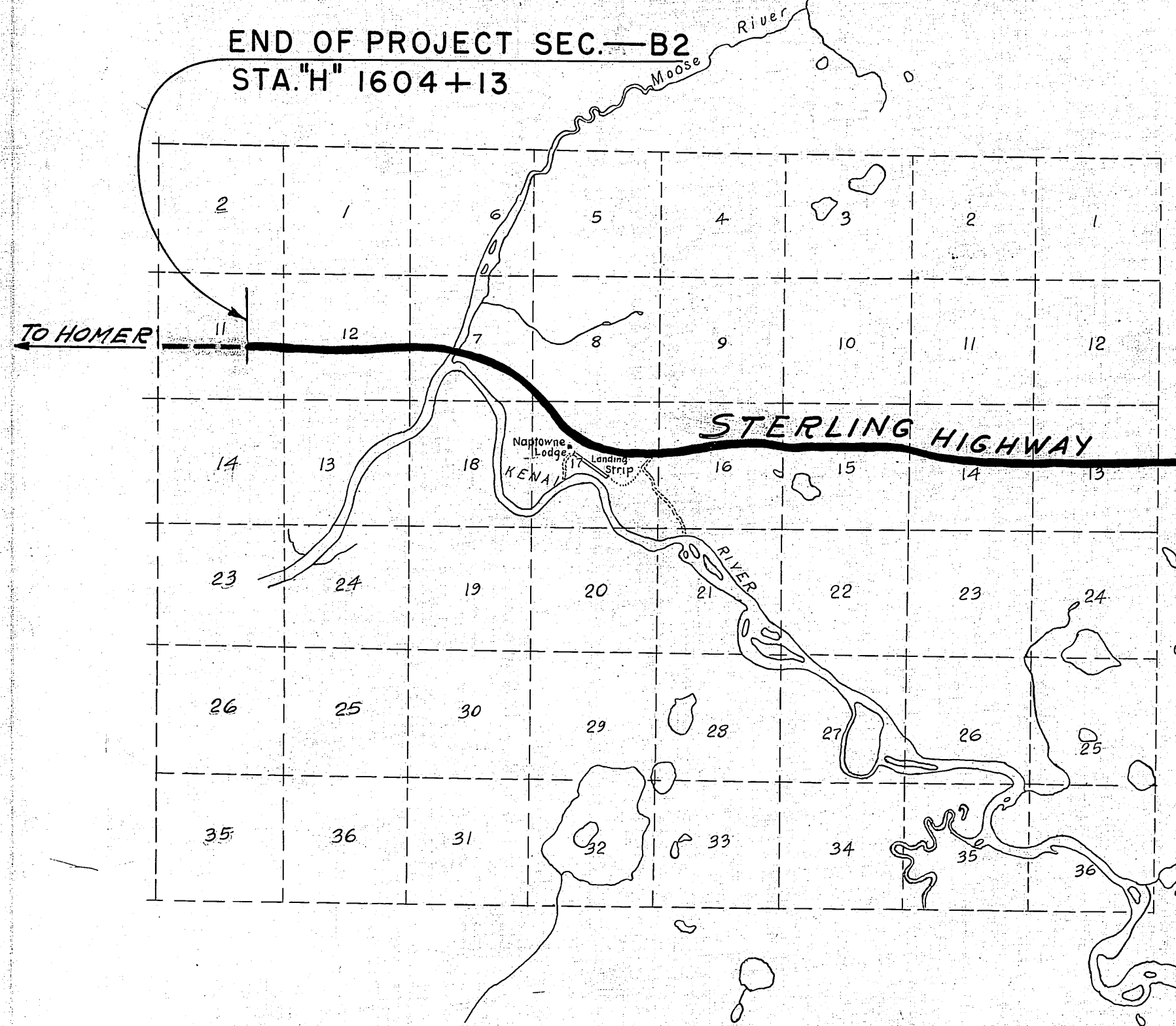
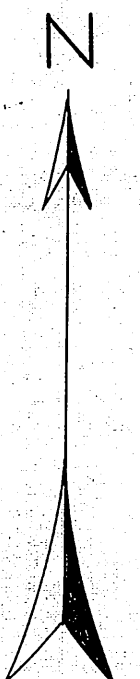


ALASKA ROAD COMMISSION

PLAN AND PROFILE OF  
PROPOSED HIGHWAY  
GRADING AND PAVING

STERLING HIGHWAY  
SECTION — B2

AS BUILT  
1957



CONVENTIONAL SIGNS

— SURVEY LINE —	— MILE POST —
— ADJUSTED LINE —	— CULVERTS —
— TOWNSHIP LINE —	— RETAINING WALL —
— SECTION LINE —	— POWER POLE —
— RESERVATION LINE —	— TELEPHONE OR TELEGRAPH POLE —
— FENCE LINE —	— TRAIL OR WAY —
— RIGHT OF WAY LINE —	— WARD —
	— TREES —

INDEX OF SHEETS				
SHEET NO.	DESCRIPTION			
1	TITLE SHEET			
2	TYPICAL SECTIONS			
3	SUMMARY OF GRADING & SURFACING QUAN.			
4	MATERIAL LOCATION SKETCH			
5-6	SUMMARY OF EXCAVATION			
7	SUMMARY OF BORROW			
8-59	PLAN & PROFILE			
60	STANDARD CULVERTS			
61-65	CULVERTS & STRUCTURES			
66	STANDARD APPROACHES			
67	STANDARD BARRICADES			
68	TYPICAL SIGNS			

PROJECT SUMMARY

WIDTH OF SUBGRADE	28 FT.
WIDTH OF ROADWAY	24 FT.
WIDTH OF PAVEMENT	24 FT.
DEPTH OF CRUSHED BASE COURSE	4 1/2 IN.
THICKNESS OF BITUMINOUS PAVING	1 1/2 IN.
GRADING LENGTH	
STERLING HIGHWAY SEC. B-2	154,595 FT. — 29.279 MI.
PAVING LENGTH	
STERLING HIGHWAY SEC. B-2	154,595 FT. — 29.279 MI.

Sta. 11+166 to 16+102 Ahead E.g.  
Sta. 16+102 to 17+110 Back E.g.

Sta. 11+30 to 12+29 Ahead E.g.  
Sta. 12+29 to 13+38 Back E.g.

BEGINNING OF PROJECT SEC. — B2  
STA. B.P.R. 17+10

CHUGACH

NATIONAL

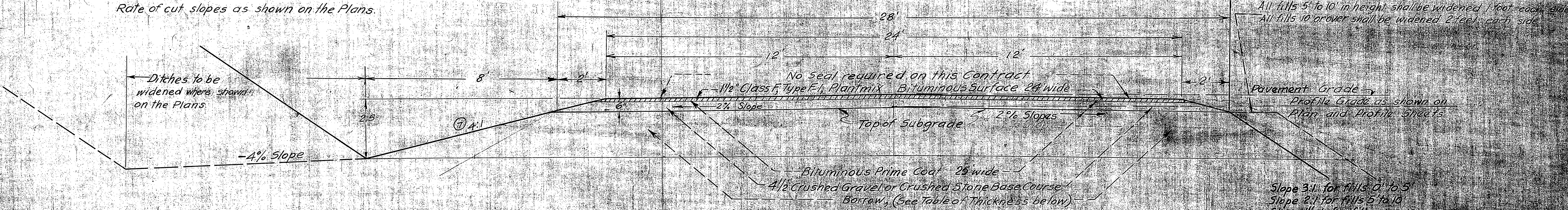
FOREST

TO ANCHORAGE  
Hanson's Lodge

4+820 Ah.  
Sta. 11+166 to 16+102  
Sta. B.P.R. 17+10  
National Forest Boundary  
150 ft. Meridian

APPROVED  
*Chas. J. Schmitz*  
CHUGACH  
ALASKA ROAD COMMISSION  
5-1-56  
DATE





GENERAL NOTES

- 1. Alignment and grades are subject to adjustment.
- 2. Approaches shall be constructed to all existing side roads.
- 3. See top of profile on plan and profile sheets for grading quantities.
- 4. Depth of surfacing, base course and borrow as shown on the typical Section are compacted thickness.
- 5. Curves shall be superelevated as shown in table.
- 6. Lengths of culverts are approximate only and are subject to minor revisions.
- 7. Typical ditch slope 4:1 except where noted on the plan.

SUPERELEVATION TABLE

Degree of Curve	Rate Grade less than 4%	Rate Grades 4% or over	Rate Grades 6% or over
1°	.02	.02	.02
1°30'	.03	.03	.03
2°	.04	.04	.04
2°30'	.05	.05	.05
3°	.06	.06	.05
3°30'	.07	.06	.05
4°	.08	.06	.05
over 4°	.08	.06	.05

SUPERELEVATION IS FROM NORMAL SHOULDER GRADE

MINIMUM DEPTH OF OVERLAY FOR UNIFORM SELECT TOPPING

STATION TO STATION	DEPTH
"C" 157+89 "L" 134+00	24"
@ 200+38 214+00	24"
332+00 421+00	24"
484+00 583+00	24"
729+00 756+00	12"
"L" 756+00 "H" 1424+50	24"
1485+50 1514+23	24"
1516+21 1604+13	12"

© Roadway Excavation Used as Uniform Topping  
SEE PLAN & PROFILE SHEET NO 19820  
Balance of Overlay is Borrow

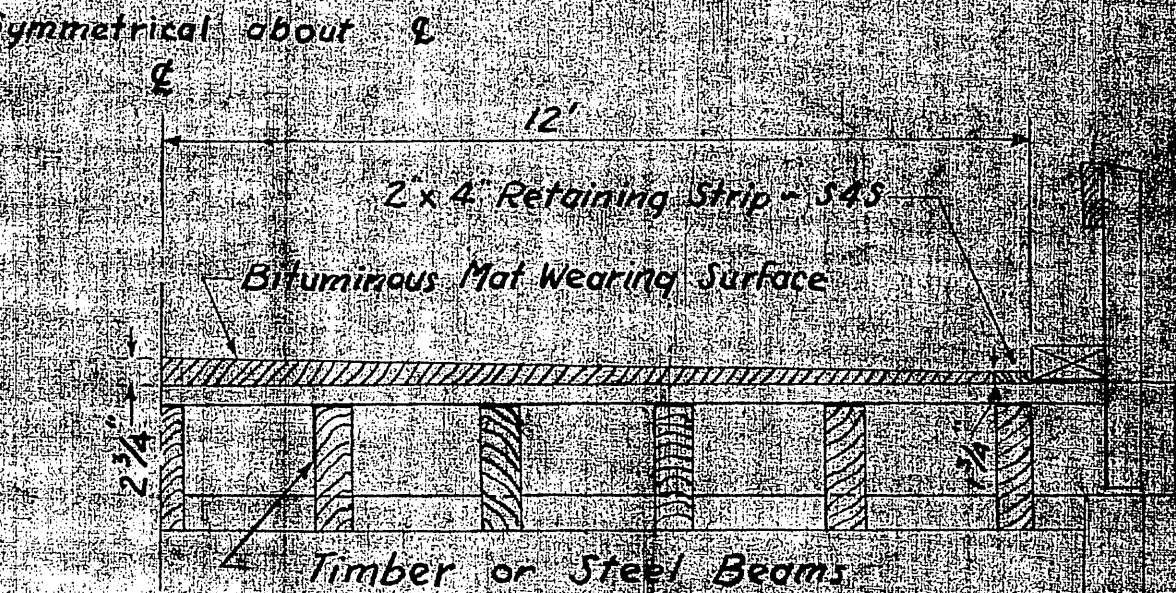
TYPICAL SECTION OF IMPROVEMENT

ESTIMATE OF QUANTITIES

TO BE CONTRACTED

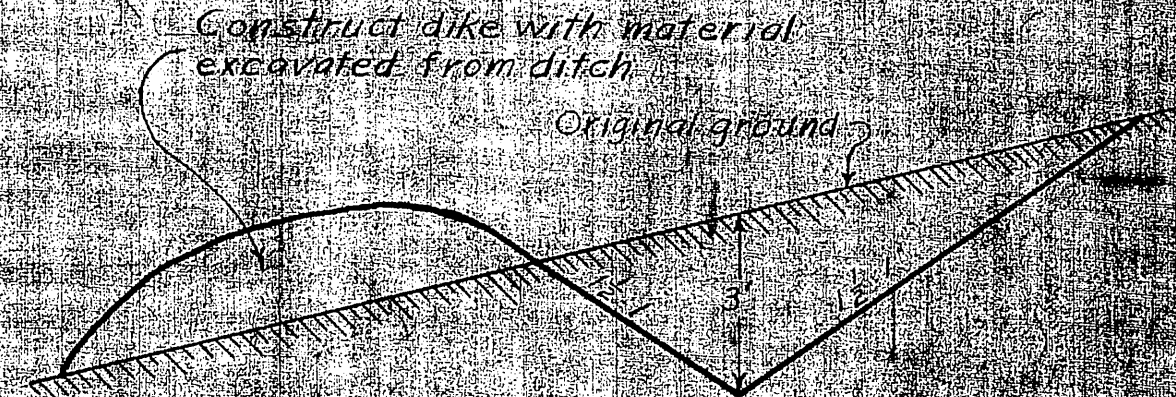
(QUANTITIES SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO INCREASE OR DECREASE)

ITEM NO	QUANTITY	UNIT	ITEM
3	All Rec'd	Lump Sum	Miscellaneous Force Account Work
20(1)	226	Acres	Clearing & Grubbing
24(1)	1,148,000	cu. yd.	Unclassified Excavation, Unit A
24(2)	24,000	cu. yd.	Unclassified Excavation, Unit B
25(1)	3,600	cu. yd.	Unclassified Excavation for Structures
26(1)	466,000	cu. yd.	Unclassified Excavation for Borrow - Case 1
28(2)	155,000	cu. yd. mi.	Special Overhaul of Borrow (1,000' Free Haul)
28B(1)	12,000	cu. yd. mi.	Special Overhaul of Unclassified Excavation (2,000' Free Haul)
43(1)	0.83	mi.	Fine Grading Subgrade & Shoulders
45	7,700	M. Gal.	Watering
48(1)	44	Acres	Pit Clearing
48(2)	71,000	cu. yd.	Pit Stripping
52A(2)	117,000	Ton	Crushed Gravel or Crushed Stone Base Course, Class 2, Grade D-1
110(4)	600	Ton	Medium Curing Cut-back Asphalt Grade 0 for Prime Coat
113(4)	4,600	Ton	Coar. Aggregate for Type-3 Seal, Grade B, in Stockpile
140(1)	37,200	Ton	(Class F Pavement Type F-1) Plant Mixture, Grade B-1
140(5)	2,200	Ton	Rapid Curing Cut-back Asphalt, Grade 3, for Type F-1
140(10)	1,500	Ton	Dry Plant Mix Aggregate, Grade B-1, in Stockpile
140(11)	500	Ton	(Class F Pavement Type F-1) Plant Mixture Grade B-1, in Stockpile
140(12)	30	Ton	Medium Curing Cut-back Asphalt, Grade 3, for Type F-1, Stockpiled Plant Mix
253(5)	360	Lin. Ft.	15" Corrugated Galvanized Sheet Metal Culvert Pipe
253(6)	994	Lin. Ft.	18" Corrugated Galvanized Sheet Metal Culvert Pipe
253(8)	4,984	Lin. Ft.	24" Corrugated Galvanized Sheet Metal Culvert Pipe
253(10)	622	Lin. Ft.	36" Corrugated Galvanized Sheet Metal Culvert Pipe
255(2)	690	Lin. Ft.	24" Bituminous Coated Corrugated Sheet Metal Culvert Pipe, Type 2
255(4)	336	Lin. Ft.	36" Bituminous Coated Corrugated Sheet Metal Culvert Pipe, Type 2
256(1)	82	Lin. Ft.	Remove, Clean & Stockpile Siltaged Culvert Pipe
256(2)	60	Lin. Ft.	Remove, Clean & Relay Culvert Pipe
258	748	Lin. Ft.	Removal of Pipe Culverts
261(1)	67	Lin. Ft.	120" Bituminous Coated Structural Plate Pipe, 12 Gauge
406(1)	380	Hour	Rolling
406(2)	1,500	Hour	Tamping Roller



TYPICAL SECTION TIMBER BRIDGE PAVEMENT

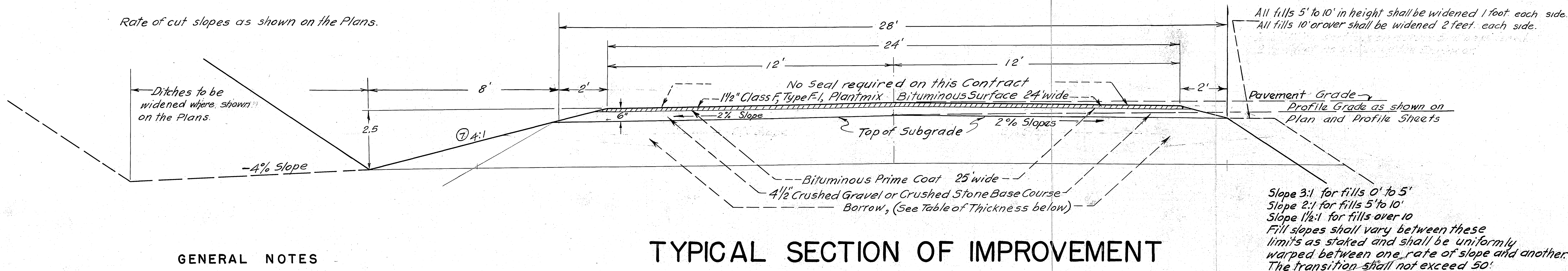
Moose River Bridge Sta. 1515+35.3



TYPICAL INTERCEPTING DITCH

For Stations See Culvert and Structure Sheets





#### GENERAL NOTES

1. Alignment and grades are subject to adjustment.
2. Approaches shall be constructed to all existing side roads.
3. See top of profile on plan and profile sheets for grading quantities.
4. Depth of surfacing, base course and borrow as shown on the typical section are compacted thickness.
5. Curves shall be superelevated as shown in table.
6. Lengths of culverts are approximate only and are subject to minor revisions.
7. Typical ditch slope 4:1 except where noted on the plan.

#### SUPERELEVATION TABLE

Degree of Curve	Rate Grade less than 4%	Rate Grades 4% or over	Rate Grades 6% or over
1°	.02	.02	.02
1°30'	.03	.03	.03
2°	.04	.04	.04
2°30'	.05	.05	.05
3°	.06	.06	.05
3°30'	.07	.06	.05
4°	.08	.06	.05
over 4°	.08	.06	.05

SUPERELEVATION IS FROM NORMAL SHOULDER GRADE

#### MINIMUM DEPTH OF OVERLAY FOR UNIFORM SELECT TOPPING

STATION TO STATION	DEPTH
"C" 157+89 "L" 134+00	24"
200+38 214+00	24"
332+00 421+00	24"
484+00 583+00	24"
729+00 756+00	12"
"L" 756+00 "H" 1424+50	24"
1485+50 1514+23	24"
1516+21 1604+13	12"

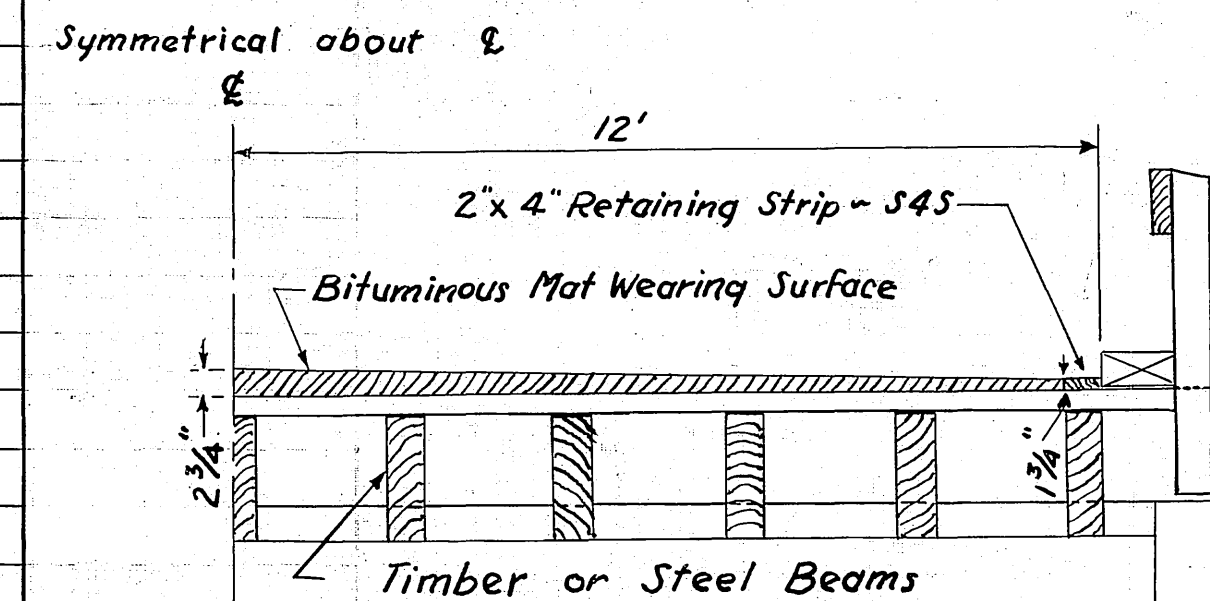
© Roadway EXCAVATION USED AS UNIFORM TOPPING  
SEE PLAN & PROFILE SHEET NO 19 & 20.  
Balance of Overlay is Borrow

### ESTIMATE OF QUANTITIES

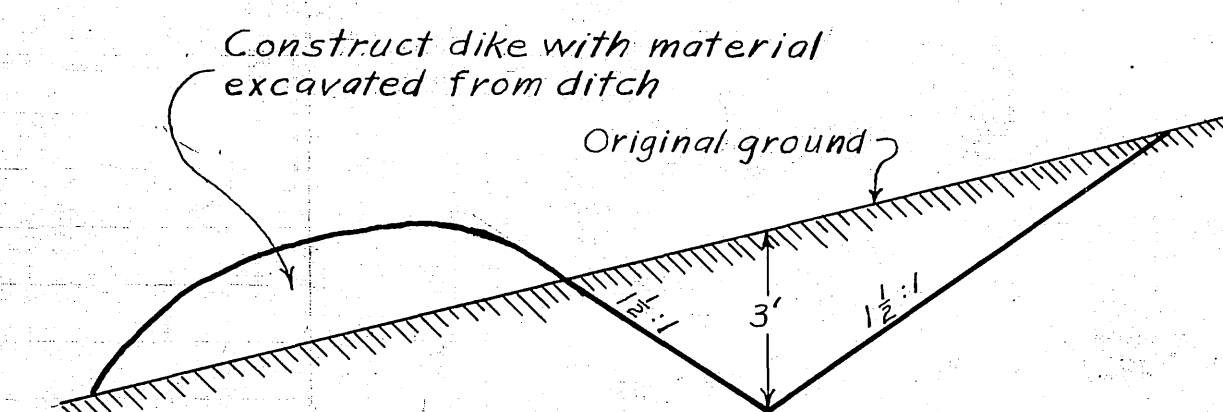
TO BE CONTRACTED

(QUANTITIES SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO INCREASE OR DECREASE)

ITEM NO	QUANTITY	UNIT	ITEM
3	All Req'd	Lump Sum	Miscellaneous Force Account Work
20(1)	228	Acre	Clearing & Grubbing
24(1)	1,143,000	cu. yd.	Unclassified Excavation, Unit A
24(2)	24,000	cu. yd.	Unclassified Excavation, Unit B
25(1)	3,600	cu. yd.	Unclassified Excavation for Structures
26(1)	466,000	cu. yd.	Unclassified Excavation for Borrow, Case 1
28(2)	155,000	cu. yd. mi.	Special Overhaul of Borrow (1,000' Free Haul)
28B(1)	12,000	cu. yd. mi.	Special Overhaul of Unclassified Excavation (2,000' Free Haul)
43(1)	0.63	mi.	Fine Grading Subgrade & Shoulders
45	7,700	M. Gal.	Watering
48(1)	44	Acre	Pit Clearing
48(2)	71,000	cu. yd.	Pit Stripping
52A(2)	117,000	Ton	Crushed Gravel or Crushed Stone Base Course, Class 2, Grade D-1
110(4)	600	Ton	Medium Curing Cut-back Asphalt Grade 0 for Prime Coat
113(4)	4,600	Ton	Coar Aggregate for Type-3 Seal, Grade B, in Stockpile
140(1)	37,200	Ton	(Class F Pavement, Type F-1) Plant Mixture, Grade B-1
140(5)	2,200	Ton	Rapid Curing Cut-back Asphalt, Grade 3, for Type F-1
140(10)	1,500	Ton	Dry Plant Mix Aggregate, Grade B-1, in Stockpile
140(11)	500	Ton	(Class F Pavement Type F-1) Plant Mixture Grade B-1, in Stockpile
140(12)	30	Ton	Medium Curing Cut-back Asphalt, Grade 3, for Type F-1, Stockpiled Plant Mix
253(5)	360	Lin. Ft.	15" Corrugated Galvanized Sheet Metal Culvert Pipe
253(6)	994	Lin. Ft.	18" Corrugated Galvanized Sheet Metal Culvert Pipe
253(8)	4,994	Lin. Ft.	24" Corrugated Galvanized Sheet Metal Culvert Pipe
253(10)	622	Lin. Ft.	36" Corrugated Galvanized Sheet Metal Culvert Pipe
255(2)	690	Lin. Ft.	24" Bituminous Coated Corrugated Sheet Metal Culvert Pipe, Type 2
255(4)	336	Lin. Ft.	36" Bituminous Coated Corrugated Sheet Metal Culvert Pipe, Type 2
256(1)	82	Lin. Ft.	Remove, Clean & Stockpile Salvaged Culvert Pipe
256(2)	60	Lin. Ft.	Remove, Clean & Relay Culvert Pipe
258	748	Lin. Ft.	Removal of Pipe Culverts
261(1)	67	Lin. Ft.	120" Bituminous Coated Structural Plate Pipe, 12 Gauge
406(1)	360	Hour	Rolling
406(2)	1,500	Hour	Tamping Roller



Moose River Bridge Sta. 1515+35.3



For Stations See Culvert and Structure Sheets



SUMMARY OF GRADING QUANTITIES

ITEM	SOURCE	EXCAVATION CU YD.	BORROW CU YD.	OVERHAUL CU YD. MI.	EMBANKMENT	⑩	TOTAL BID QUANTITIES			
							EXCAVATION	BORROW	EXCAV. O.H.	BORROW O.H.
UNCLASSIFIED EXCAVATION UNIT - A	SHEET NO. 6	1,024,062				10%	1,126,000			
UNCLASSIFIED EXCAVATION UNIT - B	SHEET NO. 6	21,966				10%	24,000			
EMBANKMENT	SHEET NO. 6				969,727					
OVERHAUL OF UNCLASSIFIED EXCAVATION	SHEET NO. 6			10,988		10%			12,000	
UNCLASSIFIED EXCAVATION FOR BORROW ①	SHEET NO. 6		194,434			10%		214,000		
OVERHAUL OF BORROW ①	SHEET NO. 6			33,985		10%				37,000
UNCLASSIFIED EXCAVATION FOR BORROW ②	SHEET NO. 6		217,964			10%		240,000		
OVERHAUL OF BORROW ②	SHEET NO. 6			107,385		10%				118,000
EMBANKMENT FOR BORROW ②	SHEET NO. 6				185,269	10%				
EXCAVATION FOR DITCHES UNIT - A	SHEET NO.	14,556				20%	17,000			
UNCL EXCAV FOR BORROW - ROAD APP & BEDDING	SHEET NO.		9,865			20%		12,000		
	TOTAL	1,038,618 "A" 21,966 "B"	422,263	152,358	1,154,996		1,143,000 "A" 24,000 "B"	466,000	12,000	155,000

- ⑩ APPROXIMATE OVERRUN ALLOWANCE PERCENTAGE (SEE SPECIAL PROVISIONS)  
① FOR COMPLETION OF BALANCE  
② FOR UNIFORM SELECT TOPPING

SUMMARY OF SURFACING QUANTITIES  
BASE AND PAVEMENT

QUANTITIES - THEORETICAL APPLICATION									
CONTRACT ITEMS AND BID SCHEDULE NUMBERS	ESTIMATING DESIGN UNITS	ESTIMATING UNITS PER STA. 24' PAINT	HIGHWAY PAVING STATIONS	APPROACHES			TOTAL QUANTITIES W/O O' RUN ALLOWANCE	⑩	TOTAL CONTRACT QUANTITIES
				TYPE I A	TYPE II	TYPE III			
52A(2) CRUSHED BASE COURSE	145 #/CU. FT.	72.05 TON	111,356 TON	53 TON	179 TON	232 TON	111,860 TON	5%	117,000 TON
110(A) PRIME - M.C.O. ②	0.3 GAL/1.58 YD. 8 GAL	0.35 TON	541 TON	1 TON	2 TON		544 TON	10%	600 TON
113(A) CHIPS (STOCKPILED)	20 #/1.58 YD.	2.61 TON	4,123 TON	2 TON	3 TON		4,133 TON	10%	4,600 TON
140(1) PLANT MIX	112 #/58 YD. INCH	22.87 TON	35,356 TON	22 TON	58 TON		35,456 TON	5%	37,200 TON
140(3) R.C. - 3 ②	57 #/BY WT. OF 140(1)	13.04 TON	2,016 TON	2 TON	4 TON		2,022 TON	10%	2,200 TON
45 WATERING SUBGRADE	5 GAL. PER 58 YD.	1.56 M. GAL. PER STA.	2,412 M. GAL.				2,412 M. GAL.	10%	2,700 M. GAL.
EMBANKMENT	5 GAL. PER CU. YD.	0.969,727 CU. YD.	4,849 M. GAL.				4,849 M. GAL.	5%	5,000 M. GAL.
406(1) ROLLING SUBGRADE	1500 S.YD. PER HR.	0.21 HR. PER STA.	325 HOUR				325 HOUR	10%	360 HOUR
406(2) ROLLING EMBANKMENT ②	750 CU. YD. PER HR.	0.969,727 CU. YD.	1,293 HOUR				1,293 HOUR	10%	1,500 HOUR

- ⑩ APPROXIMATE OVERRUN ALLOWANCE PERCENTAGE (SEE SPECIAL PROVISIONS)  
② WILL VARY WITHIN SPECIFICATIONS TO MEET FIELD CONDITIONS  
③ INCLUDES MOOSE RIVER BRIDGE  
④ TO BE SHEEP FOOT ROLLED (SEE SPECIAL PROVISIONS)  
⑤ INCLUDES ONE STANDARD ROADSIDE SERVICE APPROACH  
⑥ TOTAL EMBANKMENT USED AS ESTIMATING UNIT



SUMMARY OF GRADING QUANTITIES

ITEM	SOURCE	EXCAVATION CU.YD.	BORROW CU.YD.	OVERHAUL CU.YD./MI.	EMBANKMENT	⑩	TOTAL BID QUANTITIES			
							EXCAVATION	BORROW	EXCAV. O.H.	BORROW O.H.
UNCLASSIFIED EXCAVATION UNIT -A	SHEET NO.6	1,024,062				10%	1,126,000 ✓			
UNCLASSIFIED EXCAVATION UNIT -B	SHEET NO.6	21,966 ✓				10%	24,000 ✓			
EMBANKMENT	SHEET NO.6				969,727					
OVERHAUL OF UNCLASSIFIED EXCAVATION	SHEET NO.6			10,988		10%			12,000 ✓	
UNCLASSIFIED EXCAVATION FOR BORROW ①	SHEET NO.6		194,434			10%		214,000 ✓		
OVERHAUL OF BORROW ①	SHEET NO.6			33,985		10%				37,000
UNCLASSIFIED EXCAVATION FOR BORROW ②	SHEET NO.6		217,964			10%		240,000 ✓		
OVERHAUL OF BORROW ②	SHEET NO.6			107,385		10%				118,000
EMBANKMENT FOR BORROW ②	SHEET NO.6				185,269	10%				
EXCAVATION FOR DITCHES UNIT -A	SHEET NO.	14,556				20%	17,000			
UNCL EXCAV. FOR BORROW - ROAD APR & BEDDING	SHEET NO.		9,865			20%		12,000		
	TOTAL	1,038,618 "A" 21,966 "B"	422,263	152,358	1,154,996		1,143,000 "A" 24,000 "B"	466,000	12,000	155,000

- ⑩ APPROXIMATE OVERRUN ALLOWANCE PERCENTAGE (SEE SPECIAL PROVISIONS)  
① FOR COMPLETION OF BALANCE  
② FOR UNIFORM SELECT TOPPING

SUMMARY OF SURFACING QUANTITIES  
BASE AND PAVEMENT

QUANTITIES - THEORETICAL APPLICATION										
CONTRACT ITEMS AND BID SCHEDULE NUMBERS	ESTIMATING DESIGN UNITS	ESTIMATING UNITS PER STA. 24' PAV'T.	HIGHWAY PAVING ⑧ 1545.95 STATIONS	APPROACHES			TOTAL QUANTITIES W/O O'RUN ALLOWANCE	⑩	TOTAL CONTRACT QUANTITIES	
				4 TYPE I A	10 TYPE II	13 TYPE III				
52A(2) CRUSHED BASE COURSE	145 #/CU.FT. #	7205 TON	111,386 TON	53 TON	179 TON	232 TON	111,860 TON	5%	117,000 TON	
110(4) PRIME - M.C-O ②	0.3 GAL/50 YD 8 GAL	0.35 TON	541 TON	1 TON	2 TON		544 TON	10%	600 TON	
113(4) CHIPS (STOCKPILED)	20 #/50 YD	267 TON	4,128 TON	2 TON	8 TON		4,138 TON	10%	4,600 TON	
140(1) PLANT MIX	112 # 50 YD INCH	22.87 TON	35,356 TON	22 TON	58 TON		35,436 TON	5%	37,200 TON	
140(5) R.C - 3 ②	57 # BY WT. OF 140(1)	1,304 TON	2,016 TON	2 TON	4 TON		2,022 TON	10%	2,200 TON	
45 WATERING	SUBGRADE	3 GAL PER 50 YD.	1.56 M. GAL PER STA.				2,412 M.GAL.	10%	2,700 M.GAL.	
	EMBANKMENT	5 GAL PER CU.YD.	⑧ 969,727 CU.YD.				4,849 M.GAL.	5%	5,000 M.GAL.	
406(1) ROLLING SUBGRADE	1500 SQ.YD. PER HR.	0.21 HR. PER STA.	325 HOUR				325 HOUR	10%	360 HOUR	
406(2) ROLLING EMBANKMENT ④	750 CU.YD. PER HR.	⑧ 969,727 CU.YD.	1,293 HOUR				1,293 HOUR	10%	1,500 HOUR	

- ⑩ APPROXIMATE OVERRUN ALLOWANCE PERCENTAGE (SEE SPECIAL PROVISIONS)  
② WILL VARY WITHIN SPECIFICATIONS TO MEET FIELD CONDITIONS  
③ INCLUDES MOOSE RIVER BRIDGE  
④ TO BE SHEEP FOOT ROLLED (SEE SPECIAL PROVISIONS)  
⑤ INCLUDES ONE STANDARD ROADSIDE SERVICE APPROACH  
⑥ TOTAL EMBANKMENT USED AS ESTIMATING UNIT



**NOTE.**

1. STATION POSITIONS OF PITS ARE APPROXIMATE ONLY
2. YARDAGE SHOWN IS THE COMPUTED QUANTITY PLUS ALLOWANCE FOR OVERRUN. QUANTITIES REQUIRED FROM PITS ARE SUBJECT TO INCREASE OR DECREASE AS DIRECTED BY THE ENGINEER
3. UNLESS OTHERWISE DESIGNATED, ALL PITS SHOWN ARE BORROWPITS ONLY.

ITEM	QUANTITY	①	TOTALS
PIT CLEARING	40 ACRES	10%	44 ACRES
PIT STRIPPING	64,645 CU.YD	10%	71,000 CU.YD.

[illegible]

MATERIAL		LOCATION	SKETCH
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# SUMMARY OF EXCAVATION

STATION TO STATION	EXCAVATION UNIT A-C.Y.	EXCAVATION UNIT B-C.Y.	BORROW <sup>①</sup> Cu. Yd.	BORROW <sup>②</sup> Cu. Yd.	OVERHAUL Exc.-C.Y.M.	OVERHAUL BOR.-C.Y.M.	EMBANKMENT Cu. Yd.
0+00 ~ 17+34	1643		11765				11400
17+34 ~ 22+32	8078						6854
22+32 ~ 28+76	11783						10016
28+76 ~ 43+07	15374						13072
43+07 ~ 54+22	2874	5550					7995
54+22 ~ 63+01	7	5958					5964
63+01 ~ 65+90	1432						1222
65+90 ~ 97+16	15466				823		13137
97+16 ~ 122+25	15851				246		13479
122+25 ~ 129+85	4524						3845
129+85 ~ 132+93	3405						2895
132+93 ~ 137+90	395	4849					5182
137+90 ~ 156+93	3773	5609					8815
156+93 ~ 157+89	394						336
Eq. 171+43 <sup>B</sup> Bk. 30+32 <sup>2</sup> AM.							
157+89 ~ 33+65	54808						46587
157+89 ~ 72+50				17069		8745	14509
33+65 ~ 38+33	5538						4431
38+33 ~ 49+32	13118						10493
49+32 ~ 63+55	48059						38445
63+55 ~ 71+08	6014						4811
71+08 ~ 94+70	18608				133		14888
72+50 ~ 134+00				18862		9199	16033
94+70 ~ 99+14	5644						4515
99+14 ~ 103+29	7082						5665
103+29 ~ 122+01	25675						20542
122+01 ~ 138+49	21997						18153
138+49 ~ 144+22	7077						6008
144+22 ~ 159+46	35671		393				30322
159+46 ~ 175+35	31160						26484
175+35 ~ 176+11	466						396
176+11 ~ 183+87	11435						9715
183+87 ~ 186+52	2932						2490
186+52 ~ 190+63	3917						3335
190+63 ~ 204+31	6908						5868
200+38 ~ 214+00					139		③ 3616
204+31 ~ 216+55	5958						5067
216+55 ~ 222+58	5773						4911
222+58 ~ 226+70	④ 4465						180

④ 4248 Cu. Yd. TO STA. 200+38 ~ 214+00 AS SELECT TOPPING  
 ③ OVERHAUL AND EMBANKMENT QUANTITIES FROM EXCAVATION STA 222+58 TO STA 226+70

STATION TO STATION	EXCAVATION UNIT A-C.Y.	EXCAVATION UNIT B-C.Y.	BORROW <sup>①</sup> Cu. Yd.	BORROW <sup>②</sup> Cu. Yd.	OVERHAUL Exc.-C.Y.M.	OVERHAUL BOR.-C.Y.M.	EMBANKMENT Cu. Yd.
226+70 ~ 233+91	19714						16757
233+91 ~ 242+65	22447						19080
242+65 ~ 260+82	19263						16381
260+82 ~ 263+74	3410						2900
263+74 ~ 305+62	② 24913				1315		13500
305+62 ~ 318+00	② 2984		7189			226	6133
318+00 ~ 332+00	② 3566		4931			190	4251
332+00 ~ 347+00				4622		44	3929
332+00 ~ 375+75	② 56594				3824		47700
347+00 ~ 384+00				11398		2482	9688
375+75 ~ 384+52	17499						14875
384+52 ~ 403+18	31106						26439
384+00 ~ 421+00				11407		2484	9696
403+18 ~ 443+85	23543				1116		20014
443+85 ~ 470+53	② 13010				263		7588
470+53 ~ 478+76	3890						3307
478+76 ~ 512+43	27038				1642		22981
484+00 ~ 535+00				8365		3248	7110
512+43 ~ 536+84	② 12691				5		9553
536+84 ~ 570+31	② 17061				218		5949
570+31 ~ 571+26	② 502						195
571+26 ~ 580+72	② 4582						1522
580+72 ~ 616+00	② 13413		10031			3368	10823
616+00 ~ 654+00	② 516		43630			10357	26420
654+00 ~ 696+00	② 6504		38883			8578	27077
696+00 ~ 703+10	② 3675						1351
703+10 ~ 709+02	② 3682						1592
709+02 ~ 719+44	② 9280						5875
719+44 ~ 723+05	1249						1062
723+05 ~ 728+50	1085		10985				10422
728+50 ~ 743+86	13820						11748
729+00 ~ 767+00				6920		2809	5882
743+86 ~ 745+14	193						164
745+14 ~ 753+49	2610						2219
753+49 ~ 767+01	5008						4149
767+01 ~ 781+39	7095						5674
781+39 ~ 797+05	8584						6871
797+05 ~ 813+41	② 19115						14657
813+41 ~ 814+69	1435						1148

② INCLUDES WASTE - SEE PROFILE FOR QUANTITIES



# SUMMARY OF EXCAVATION

STATION TO STATION	EXCAVATION UNIT A-C.Y.	EXCAVATION UNIT B-C.Y.	BORROW 1 CU. YD.	BORROW 2 CU. YD.	OVERHAUL Exc - C.Y.M.	OVERHAUL BOR - C.Y.M.	EMBANKMENT CU. YD.
814+69 ~ 819+96	10539						8432
819+96 ~ 837+30	13841						11074
767+00 ~ 903+00				41621		18381	35378
837+30 ~ 861+32	9012				46		7209
861+32 ~ 888+12	19247				335		15398
888+12 ~ 896+79	13064						10451
896+79 ~ 919+62	13123				78		10498
903+00 ~ 1200+00				19708		9538	16752
Eq. 934+20 <sup>2</sup> BK=1166+10 <sup>2</sup> AK							
919+62 ~ 1171+00	9812		1969			364	9974
1171+00 ~ 1193+23	4706		2737			623	6326
1193+23 ~ 1197+88	1889						1606
1197+88 ~ 1214+70	3921						3332
1200+00 ~ 1260+00				17891		7580	15208
1214+70 ~ 1221+00			2812			15	2390
1221+00 ~ 1238+00			6389			386	5431
1238+00 ~ 1251+00	937		1713			358	2252
1251+00 ~ 1260+00	6		4642			376	3951
1260+00 ~ 1309+00				14696		4613	12491
1260+00 ~ 1270+00	6		2841			213	2420
1270+00 ~ 1273+00	3		393			7	337
1273+00 ~ 1282+03	1125						958
1282+03 ~ 1287+44	2333						1983
1287+44 ~ 1295+15	3077						2616
1295+15 ~ 1297+00			2441				2075
1297+00 ~ 1307+55			2886			34	2453
1307+55 ~ 1310+31	281						239
1309+00 ~ 1358+00				14873		3359	12642
1310+31 ~ 1316+93	2362						2008
1316+93 ~ 1325+66	2691						2287
1325+66 ~ 1335+71	4309						3663
1335+71 ~ 1353+82	4031						3460
1353+82 ~ 1359+20	3177						2701
1358+00 ~ 1424+50				9803		3436	8333
1359+20 ~ 1374+77	13359						11414
1374+77 ~ 1386+73	13145						11174
1386+73 ~ 1394+59	2987						2539
1394+59 ~ 1445+73	29290				418		24899
1445+73 ~ 1465+00			10069			893	8559

STATION TO STATION	EXCAVATION UNIT A-C.Y.	EXCAVATION UNIT B-C.Y.	BORROW ① CU. YD.	BORROW ② CU. YD.	OVERHAUL Exc. C.Y.M.	OVERHAUL BOR - C.Y.M.	EMBANKMENT CU. YD.
1465+00 ~ 1477+30			4636			131	3941
1477+30 ~ 1487+65			5653			165	4805
1485+50 ~ 1514+53				8630		572	7336
1487+65 ~ 1514+53	5716				68		4859
1514+53 ~ 1516+18		MOOSE RIVER	BRIDGE				
1516+18 ~ 1604+13				12099		30895	10284
1516+18 ~ 1536+88	①15001						4885
1536+88 ~ 1543+13	5031						4276
1543+13 ~ 1548+50	151		9444			223	8155
1548+50 ~ 1580+93	6345				319		5393
1580+93 ~ 1600+42	380		8002			7478	7124
1600+42 ~ 1604+13	784						667
TOTALS	1,024,062	21,966	194,434	217,964	10,988	141,370	1,154,996

① INCLUDES WASTE - SEE PROFILE FOR QUANTITY

② SECTIONS CONTAINING A VARYING PERCENTAGE OF ROCK

CLEARING AND GRUBBING - ACRES			
STATION ~ STATION	NONE	HEAVY	LIGHT
0+00 ~ 158+00	~		
"C" 158+00 ~ L 254+00		59 <sup>4</sup>	
254+00 ~ 383+00			30 <sup>4</sup>
383+00 ~ 399+00		4 <sup>4</sup>	
399+00 ~ 618+00			50 <sup>5</sup>
* 618+00 ~ 690+00			16 <sup>5</sup>
690+00 ~ 880+00			44 <sup>2</sup>
880+00 ~ 917+00		8 <sup>1</sup>	
917+00 ~ 934+00			4 <sup>2</sup>
"L" 934+00 ~ H 1604+13	~		
TOTALS		72 <sup>2</sup>	145 <sup>1</sup>
TOTAL BID QUANTITY		228 ACRES	

\* LIGHT CLEARING IN SWAMP AREA.



SUMMARY OF BORROW  
PIT LIST

PIT STATION 17+00 100 FT. RIGHT		
STATION TO	STATION	BORROW
0+00	~ 17+00	11,765 ①

PIT STATION 150+00 100 FT. LEFT		
"C" 158+00	~ 2" 72+50	17,069 ②

PIT STATION 136+00 300 FT. RIGHT		
72+50	~ 134+00	18,862 ②
122+01	~ 122+61	393 ①

PIT STATION 318+00 300 FT. RIGHT		
305+62	~ 332+00	12,120 ①

PIT STATION 347+00 300 FT. RIGHT		
332+00	~ 347+00	4622 ③
347+00	~ 384+00	11,398 ③

PIT STATION 421+00 300 FT. LEFT		
384+00	~ 421+00	11,407 ③

PIT STATION 537+00 300 FT. LEFT		
484+00	~ 535+00	8365 ③

PIT STATION 616+00 300 FT.		
580+72	~ 654+00	53,661 ①

PIT STATION 684+00 300 FT. RIGHT		
STATION TO	STATION	BORROW
654+00	~ 662+10	10,000 ①

PIT STATION 692+00 300 FT. RIGHT		
662+10	~ 689+60	28,883 ①

PIT STATION 723+00 300 FT. LEFT		
724+39	~ 728+50	11,176 ①
729+00	~ 767+00	6920 ③

PIT STATION 811+00 300 FT. LEFT		
767+00	~ 811+00	13,454 ③
811+00	~ 903+00	28,167 ③

PIT STATION 1171+00 100 FT. RIGHT		
919+62	~ 921+05	1969 ①
1190+87	~ 1193+23	2737 ①

PIT STATION 1200+00 200 FT. LEFT		
903+00	~ 1200+00	19,711 ③

PIT STATION 1221+00 500 FT. RIGHT		
1214+70	~ 1238+00	9201 ①

PIT STATION 1251+00 1000 FT. RIGHT		
1200+00	~ 1251+00	15,224 ③
1238+00	~ 1260+00	6355 ①
1251+00	~ 1260+00	2668 ③

PIT STATION 1270+00 1000 FT. RIGHT		
STATION TO	STATION	BORROW
1260+00	~ 1273+00	3234 ①
1260+00	~ 1270+00	2965 ②
1270+00	~ 1309+00	11,731 ②

PIT STATION 1297+00 300 FT. RIGHT		
1295+15	~ 1307+55	5327 ①

PIT STATION 1354+00 50 FT. RIGHT		
1309+00	~ 1354+00	13,645 ②
1354+00	~ 1358+00	1228 ②

PIT STATION 1364+00 200 FT. LEFT		
1358+00	~ 1364+00	1649 ②
1364+00	~ 1424+50	8154 ③

PIT STATION 1465+00 200 FT. RIGHT		
1445+73	~ 1477+30	14,706 ①

PIT STATION 1491+00 250 FT. RIGHT		
1477+30	~ 1487+65	5653 ①
1485+50	~ 1491+00	1556 ②
1491+00	~ 1514+23	7074 ②

PIT STATION 1537+00 LEFT & RIGHT		
1543+13	~ 1548+50	9444 ①
1580+93	~ 1600+42	8002 ①

PIT STATION 1701+00 400 FT. RIGHT		
1516+21	~ 1604+13	12,099 ③

TOTALS		194,626 ①
		217,968 ②

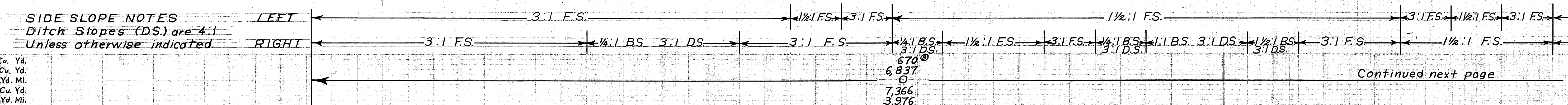
① FOR COMPLETION OF BALANCE  
② FOR UNIFORM SELECT TOPPING







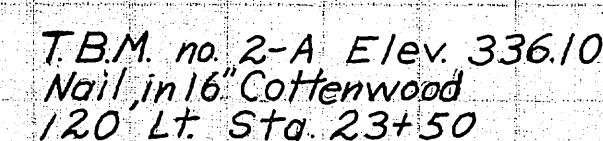
As revised for Change Order #1 ("O" line)  
March 13, 1957



- 1 For Completion of Balance
- 2 For Uniform Select Topping

Change order no. 1 Quantities  
No quantities allowed on original plans

⑨ Includes 250 Cu Yd Unit B Exc  
⑩ From pit "C" line 11+00 100' Rt.

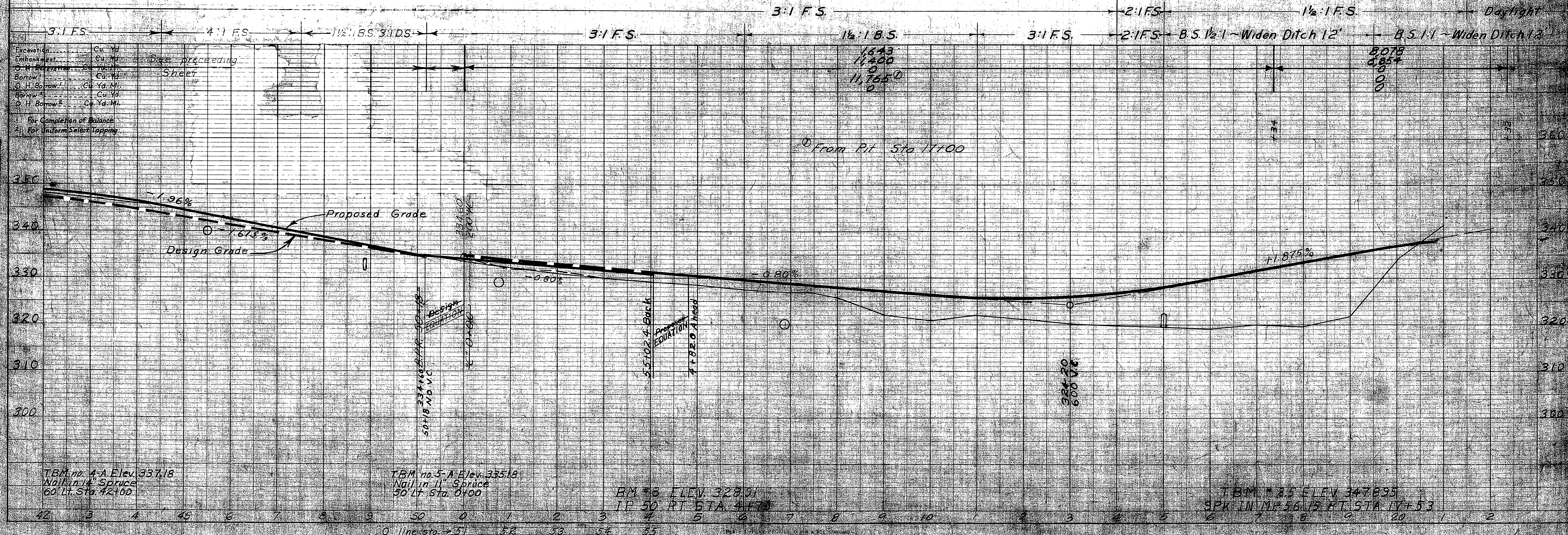
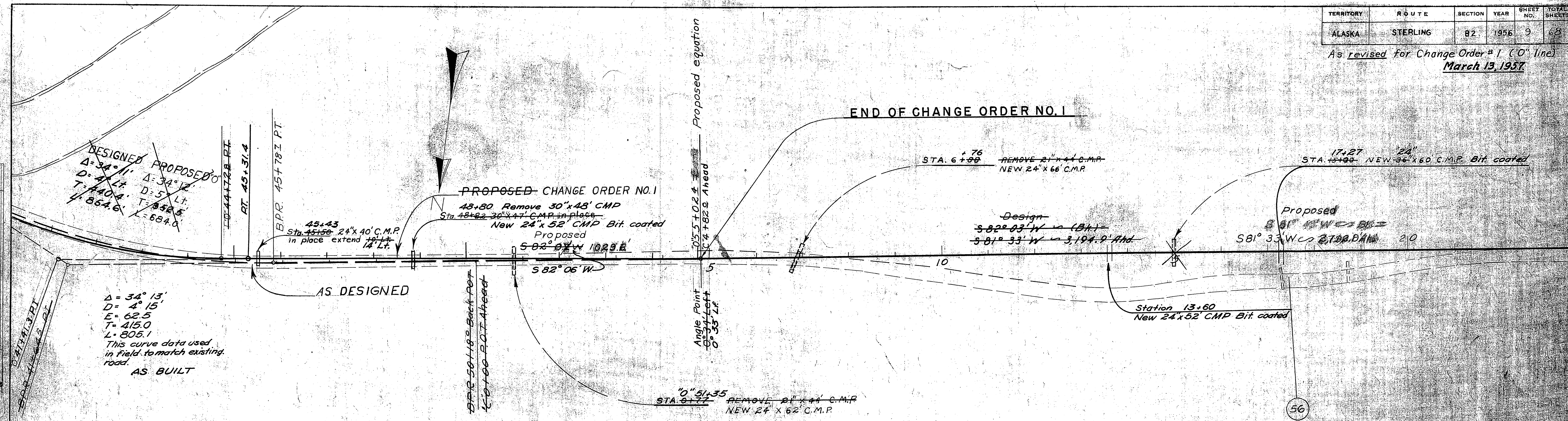


T.B.M. no. 3-A Elev. 338.69  
Nail in 14" Spruce  
70' Lt Sta. 35+00



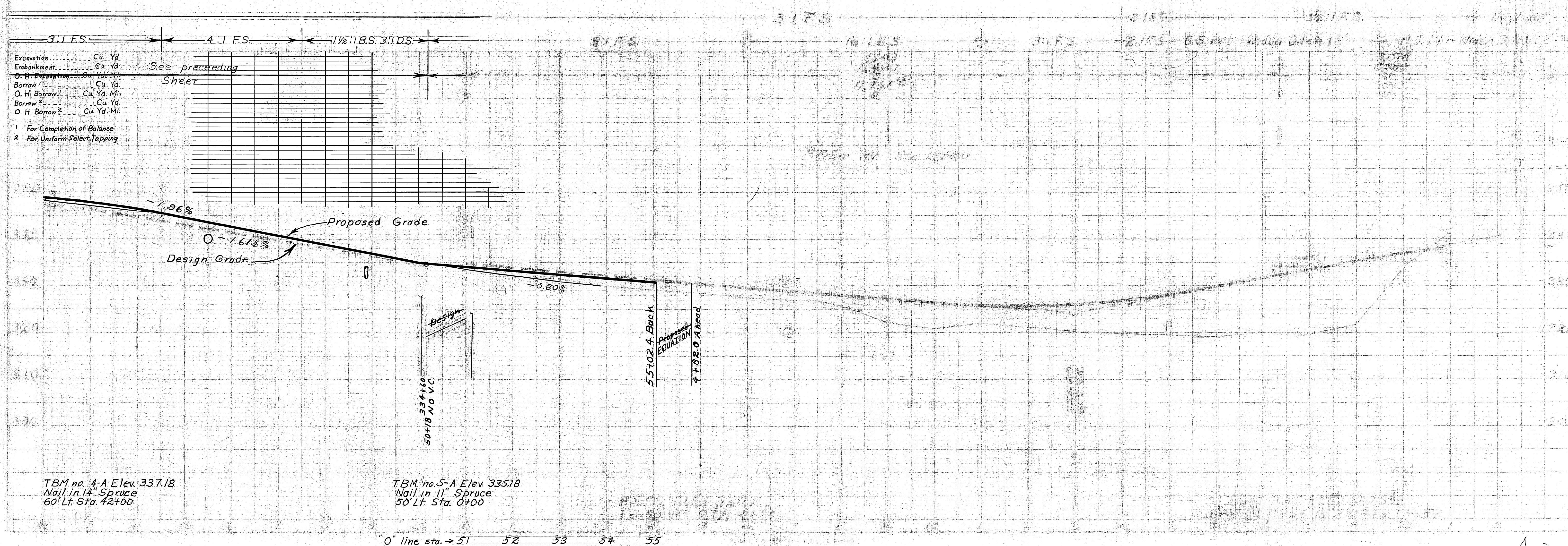
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ALASKA	STERLING	82	1956	9	68

As revised for Change Order #1 (O' line)  
March 13, 1957





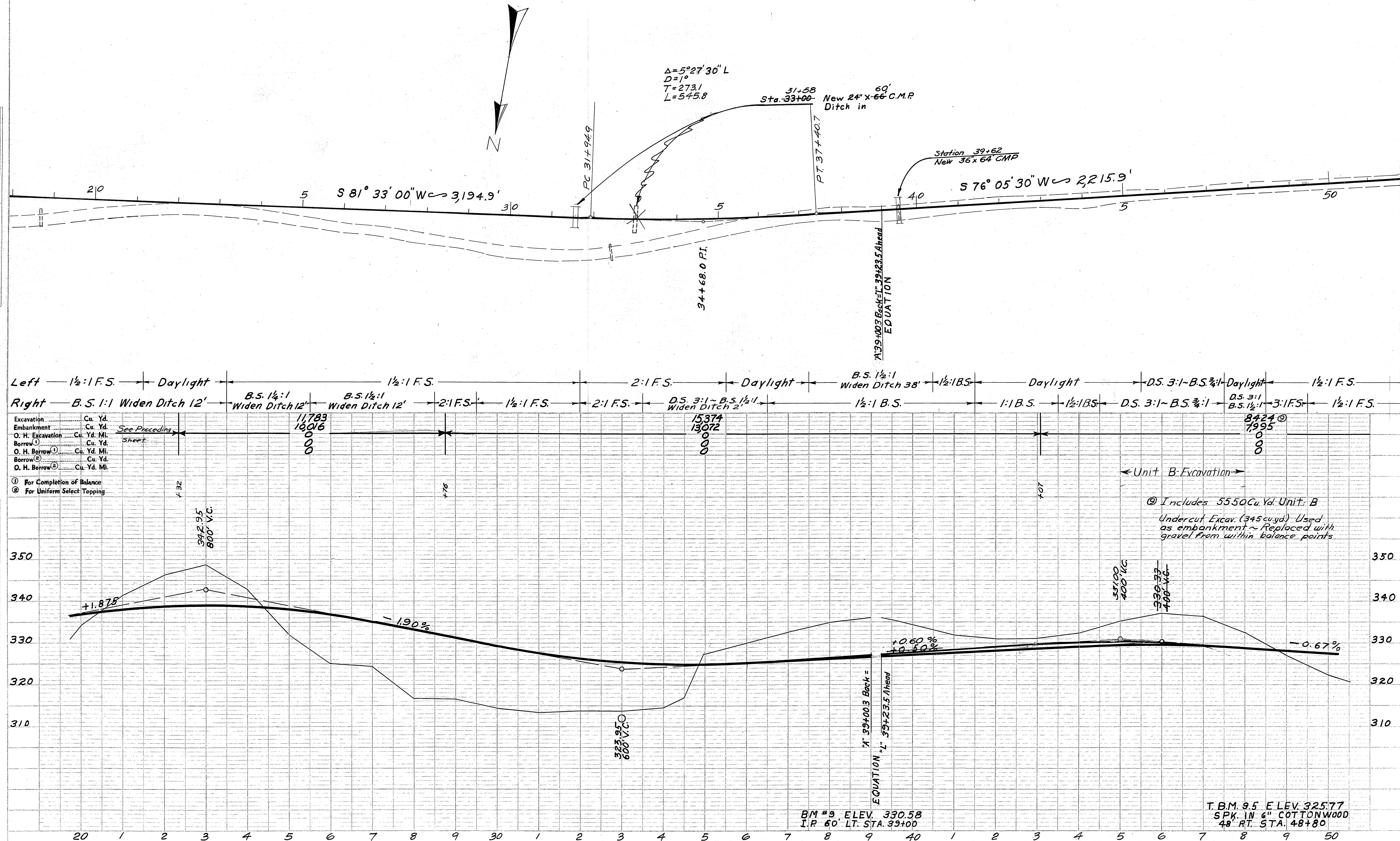
As revised for Change Order #1 ("O" line)  
March 13, 1957.





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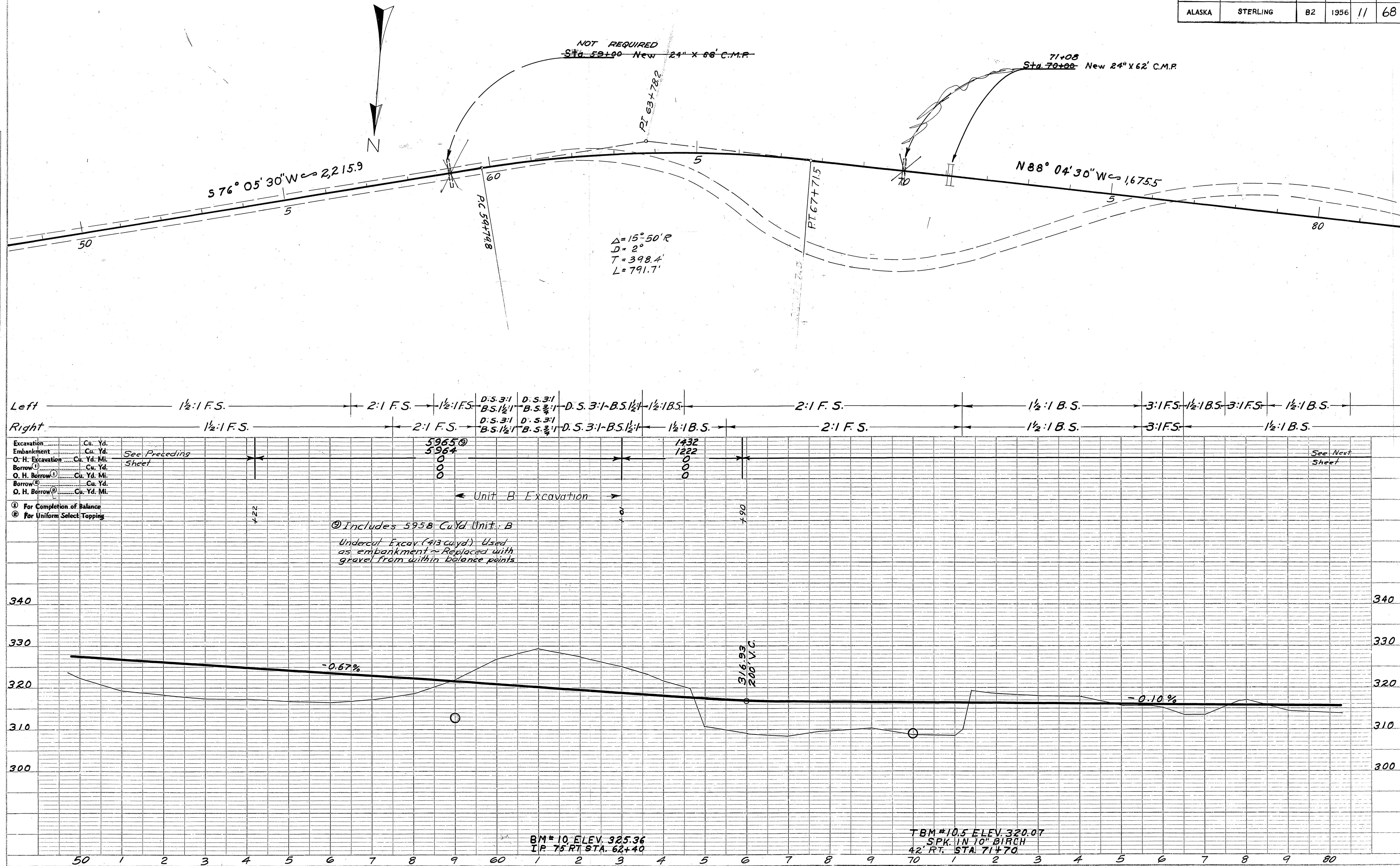
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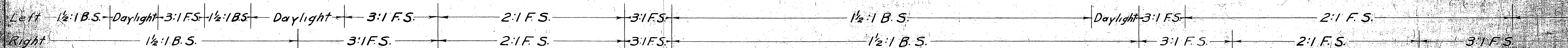
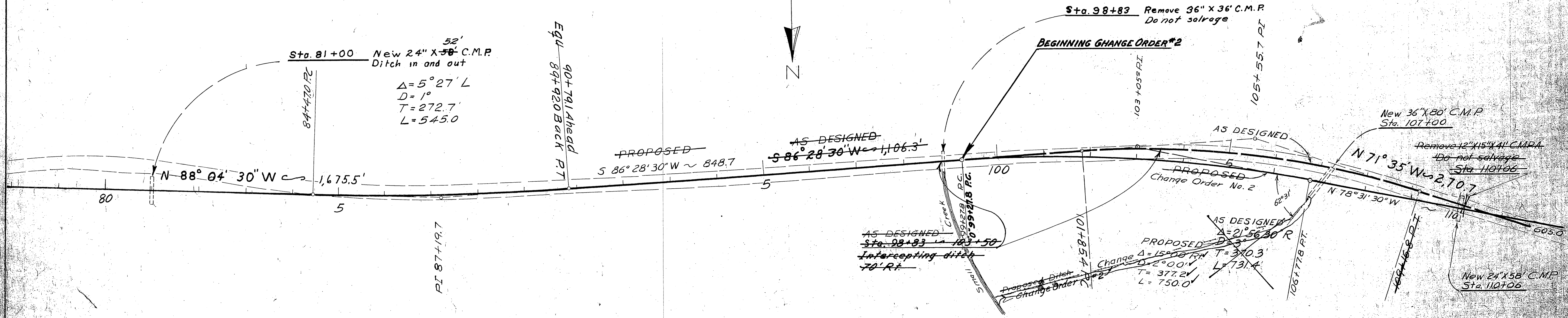
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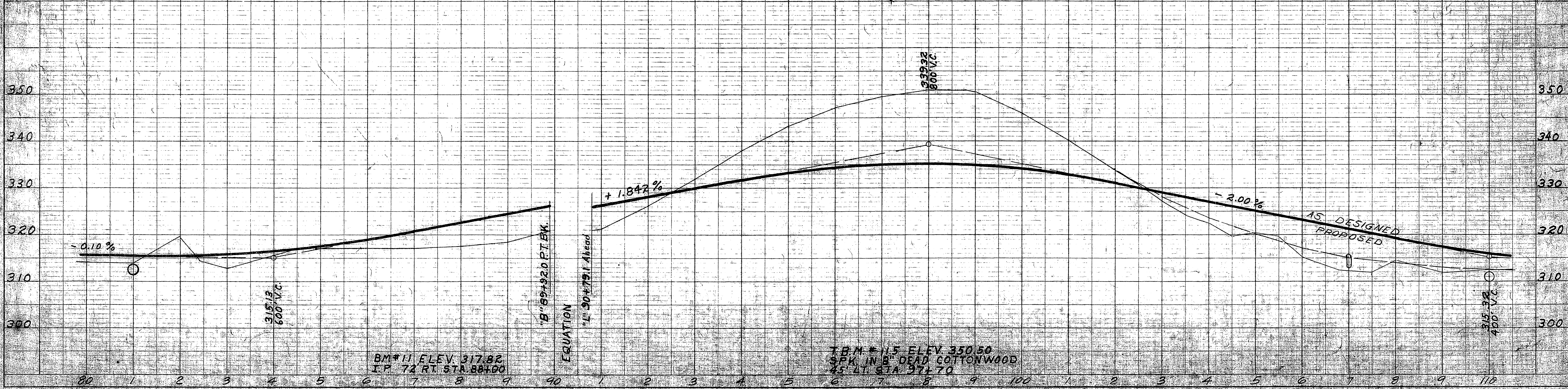
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ALASKA	STERLING	82	1956	12	68

As revised for Change Order #2 (0 line) March 14, 1957



Excavation	Cu. Yd.	15,466	18,075	15,851
Embankment	Cu. Yd.	13,137	13,371	13,479
O. H. Excavation	Cu. Yd.	823	164	246
Borrow (1)	Cu. Yd.	0	0	0
O. H. Borrow (1)	Cu. Yd.	0	0	0
Borrow (2)	Cu. Yd.	0	0	0
O. H. Borrow (2)	Cu. Yd.	0	0	0

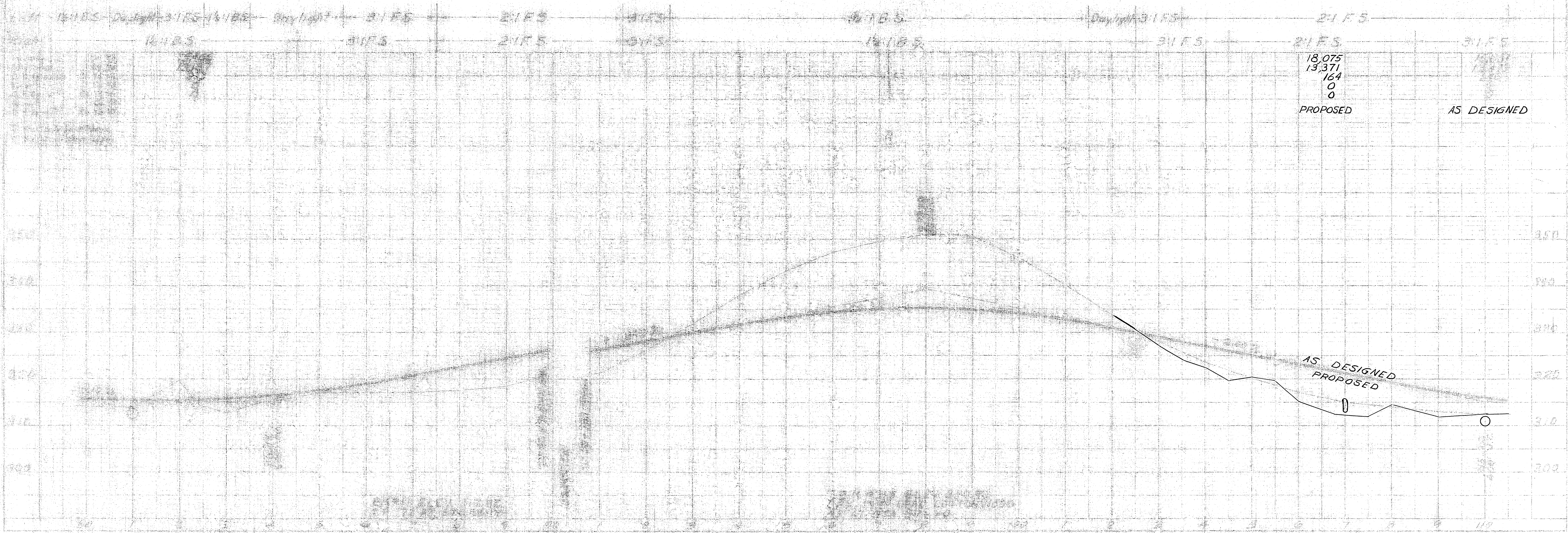
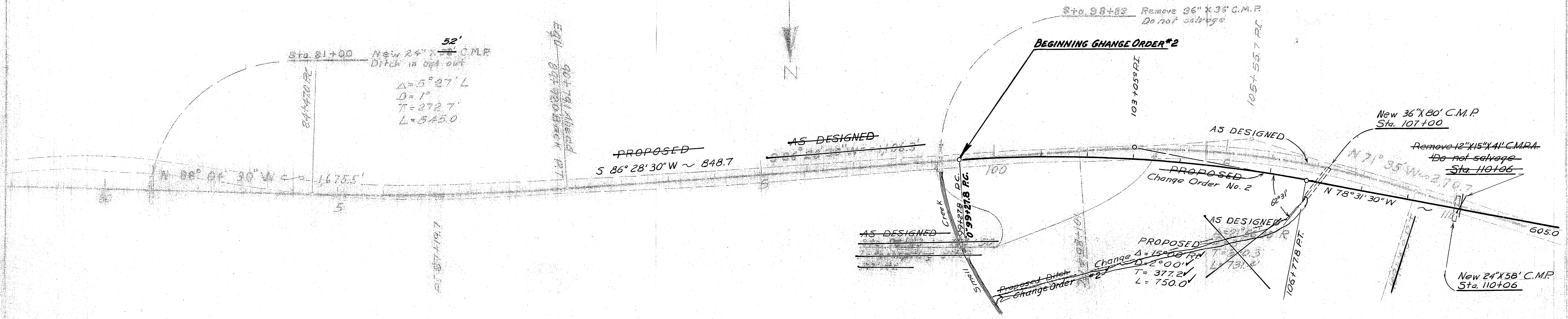
- For Completion of Balance
- For Uniform Select Topping





STATE	ROUTE	SHEET	DATE	TOTAL
ALASKA	STERLING	82	1958	12

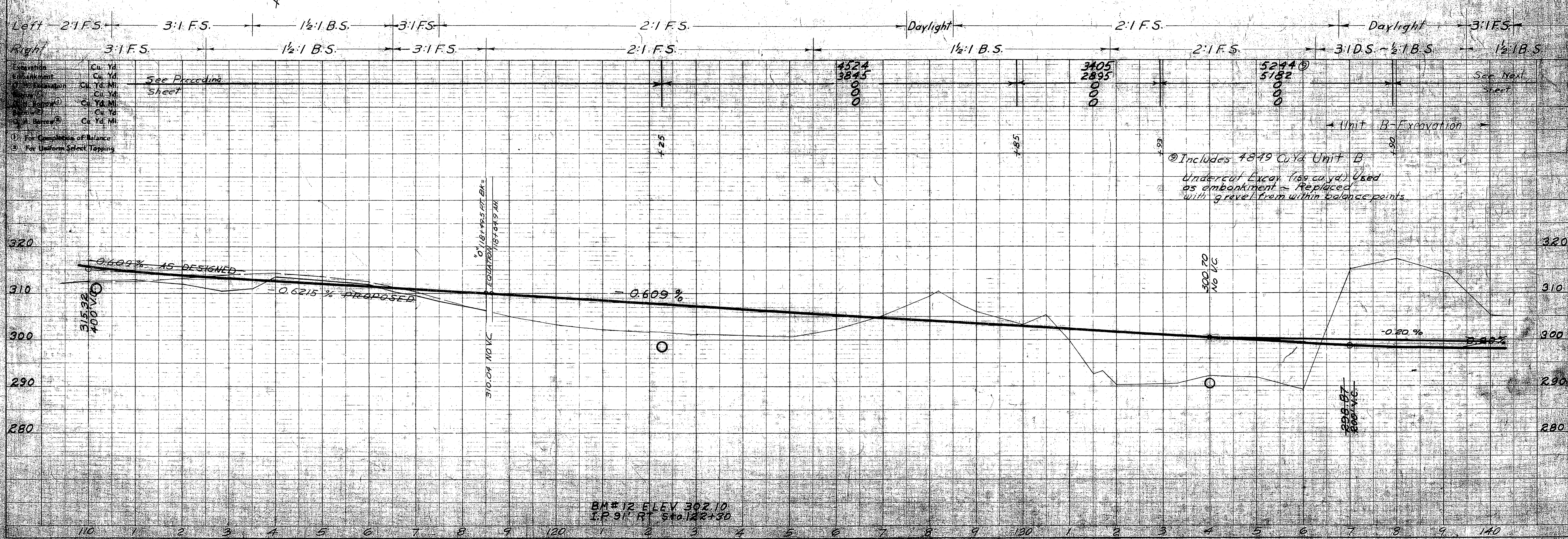
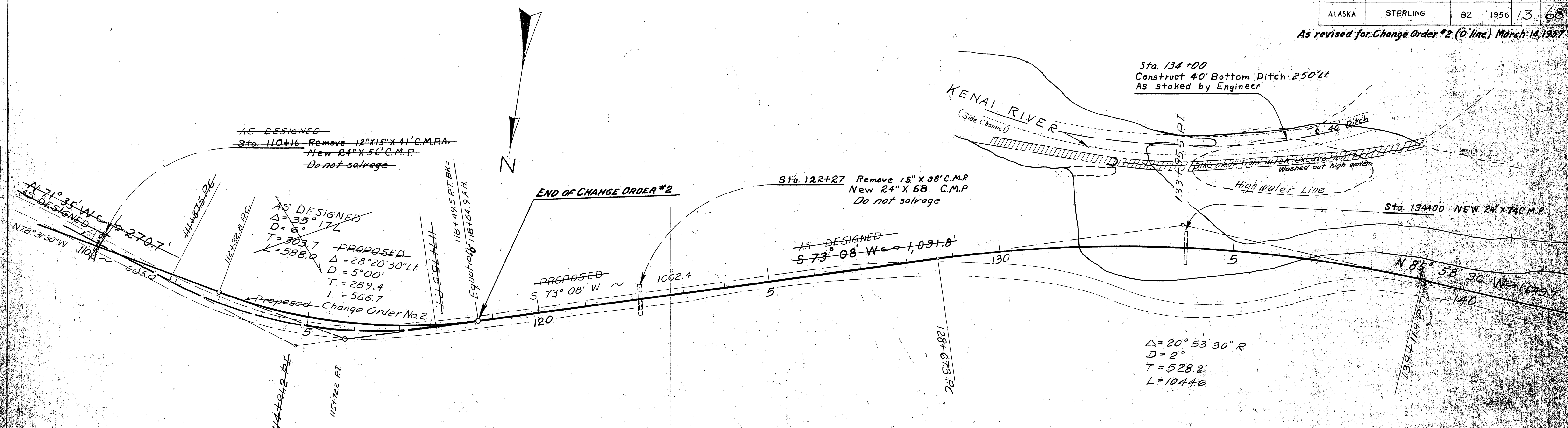
As revised for Change Order #2 (O line) March 14, 1957





TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	13	68

As revised for Change Order #2 (O'line) March 14, 1957



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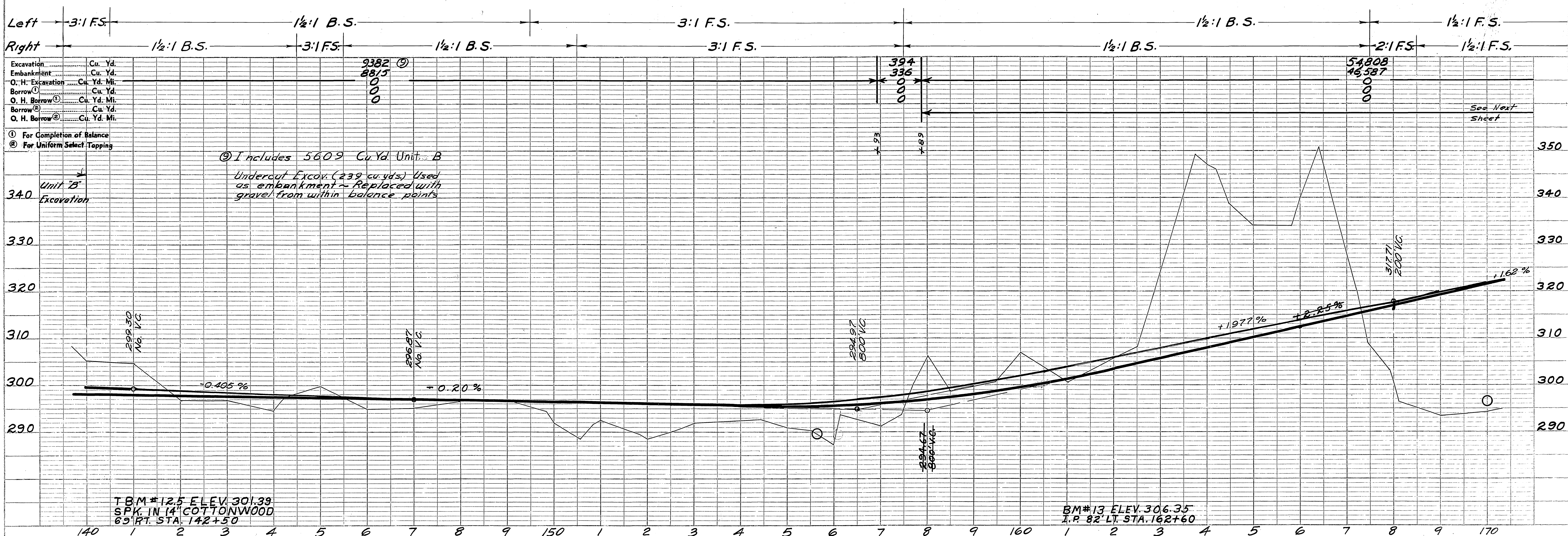
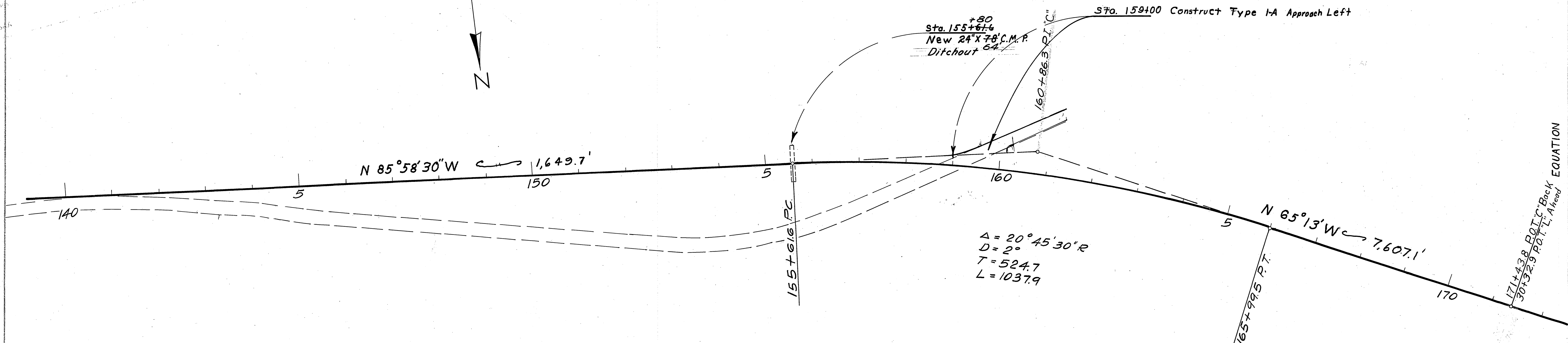




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	14	68

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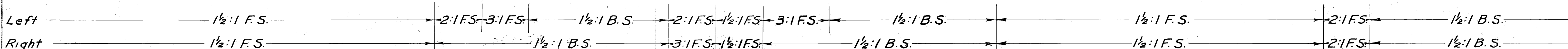
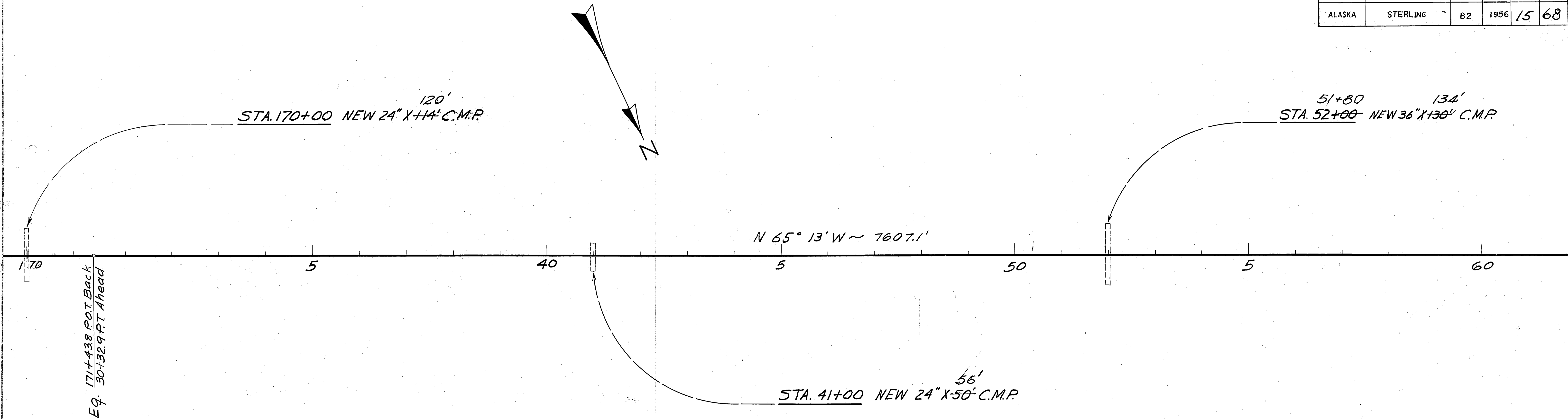
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TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	15	68

PLAN	DATE	
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	SURVEYED	
	PLOTTED	
	NOTE BOOK	ALIGNED CHECKED
		RT. OF WAY CHECKED
	NO.	



Excavation	Cu. Yd.	5538	13118	18059
Embankment	Cu. Yd.	4431	10493	38445
O. H. Excavation	Cu. Yd. Mi.			
Borrow ①	Cu. Yd.	0	0	0
O. H. Borrow	Cu. Yd. Mi.			
Borrow ②	Cu. Yd.	0	0	0
O. H. Borrow	Cu. Yd. Mi.			

- ① For Completion of Balance
- ② For Uniform Select Topping



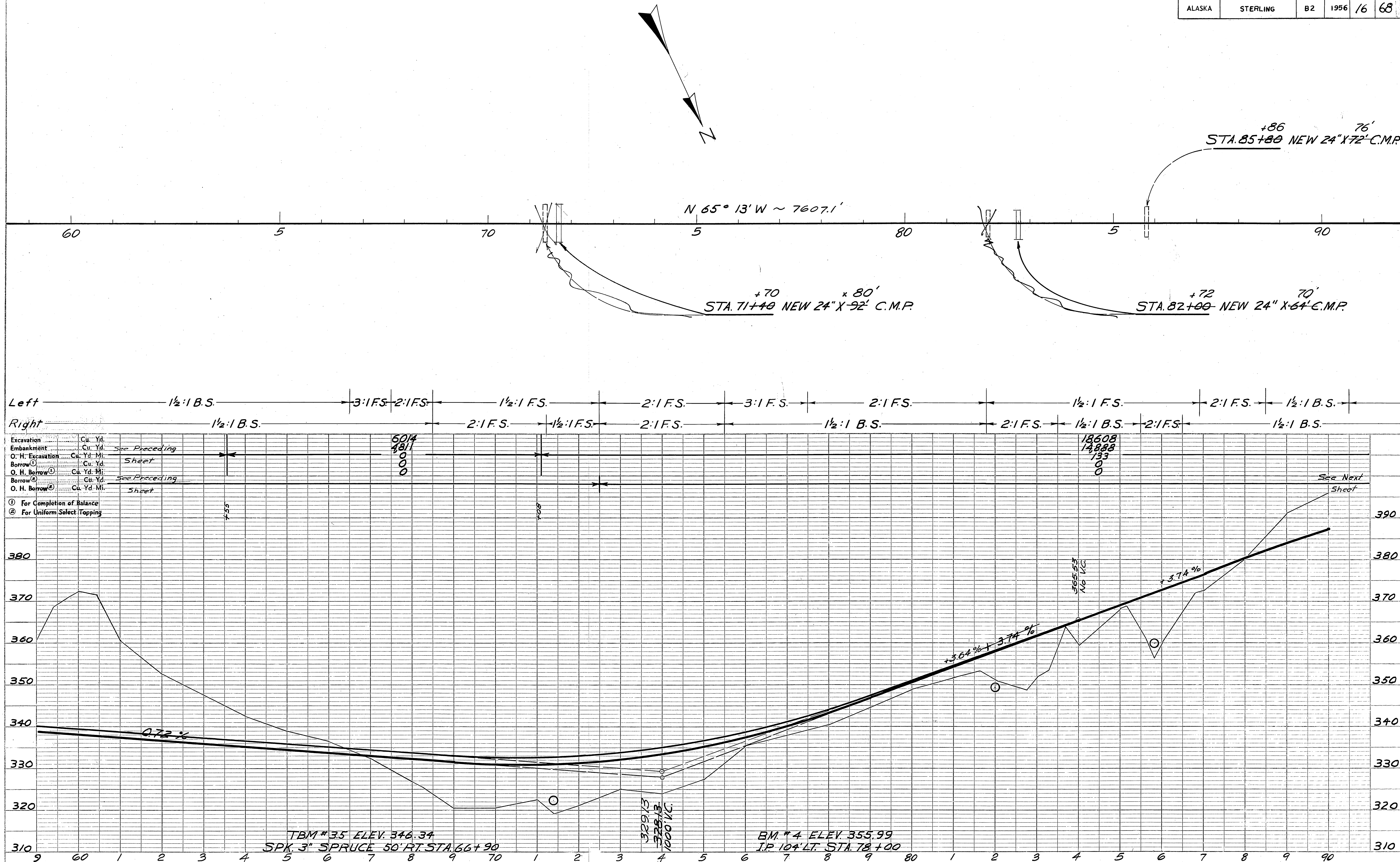
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TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	16	68

PLAN	SURVISED	DATE
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	NOTE BOOK	
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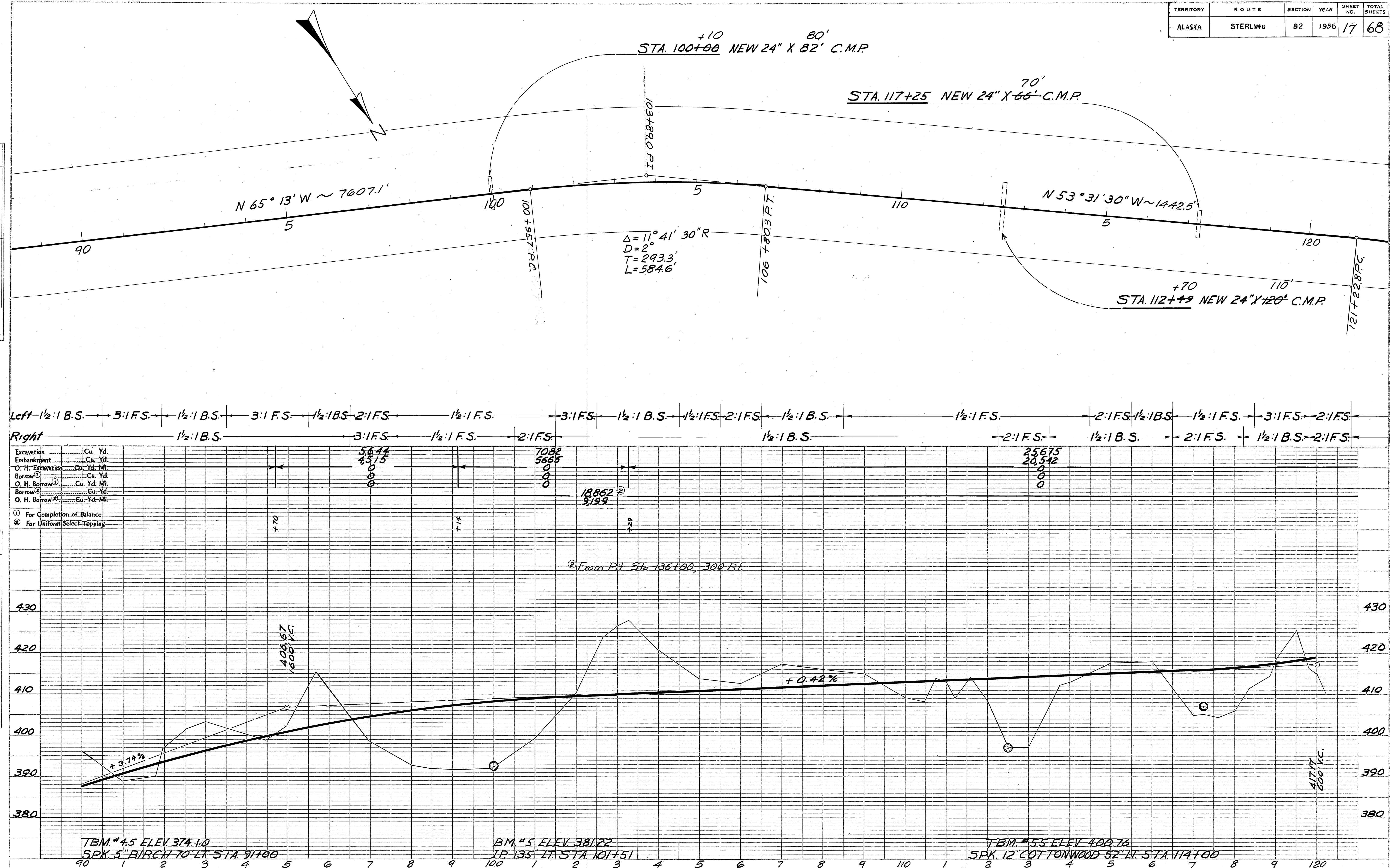




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1986	17	68

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NOTE BOOK	
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PROFILE	DATE
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NOTE BOOK	
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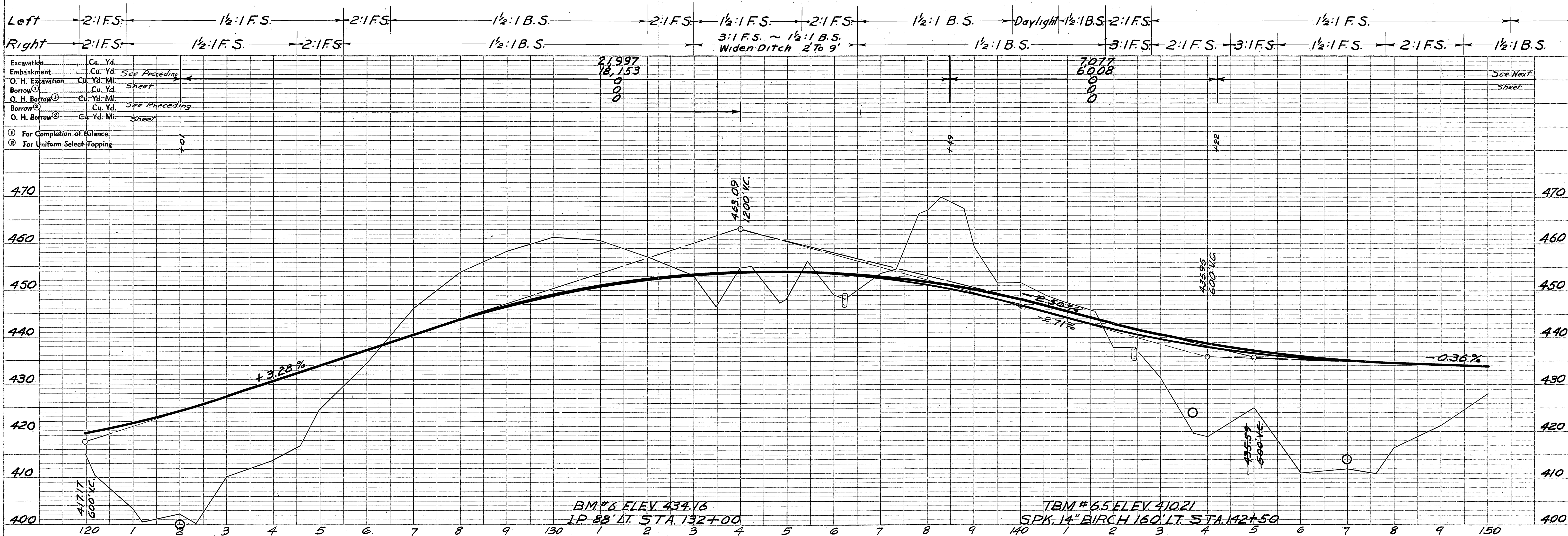
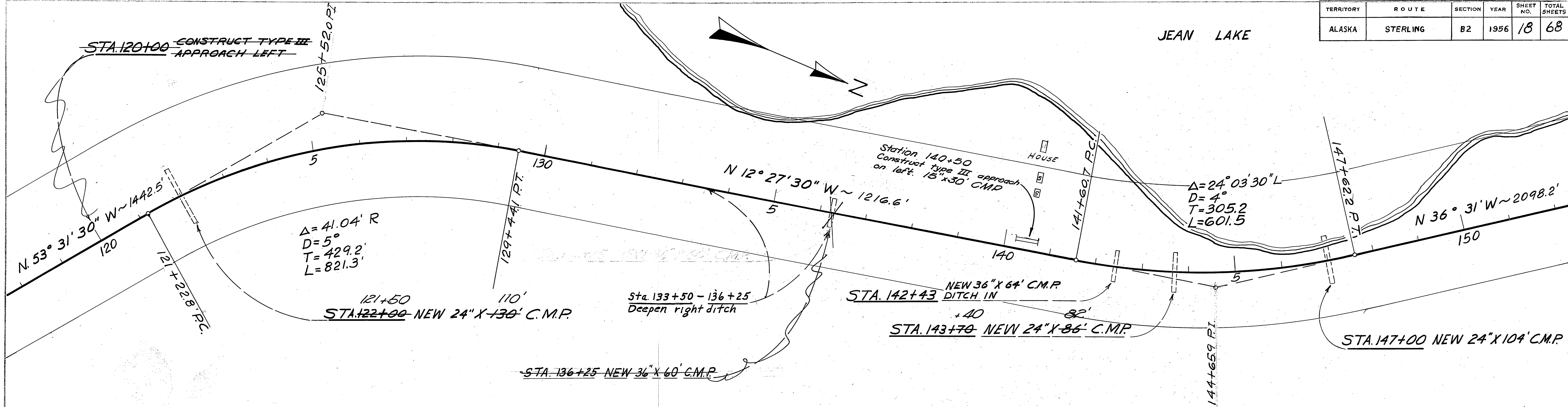




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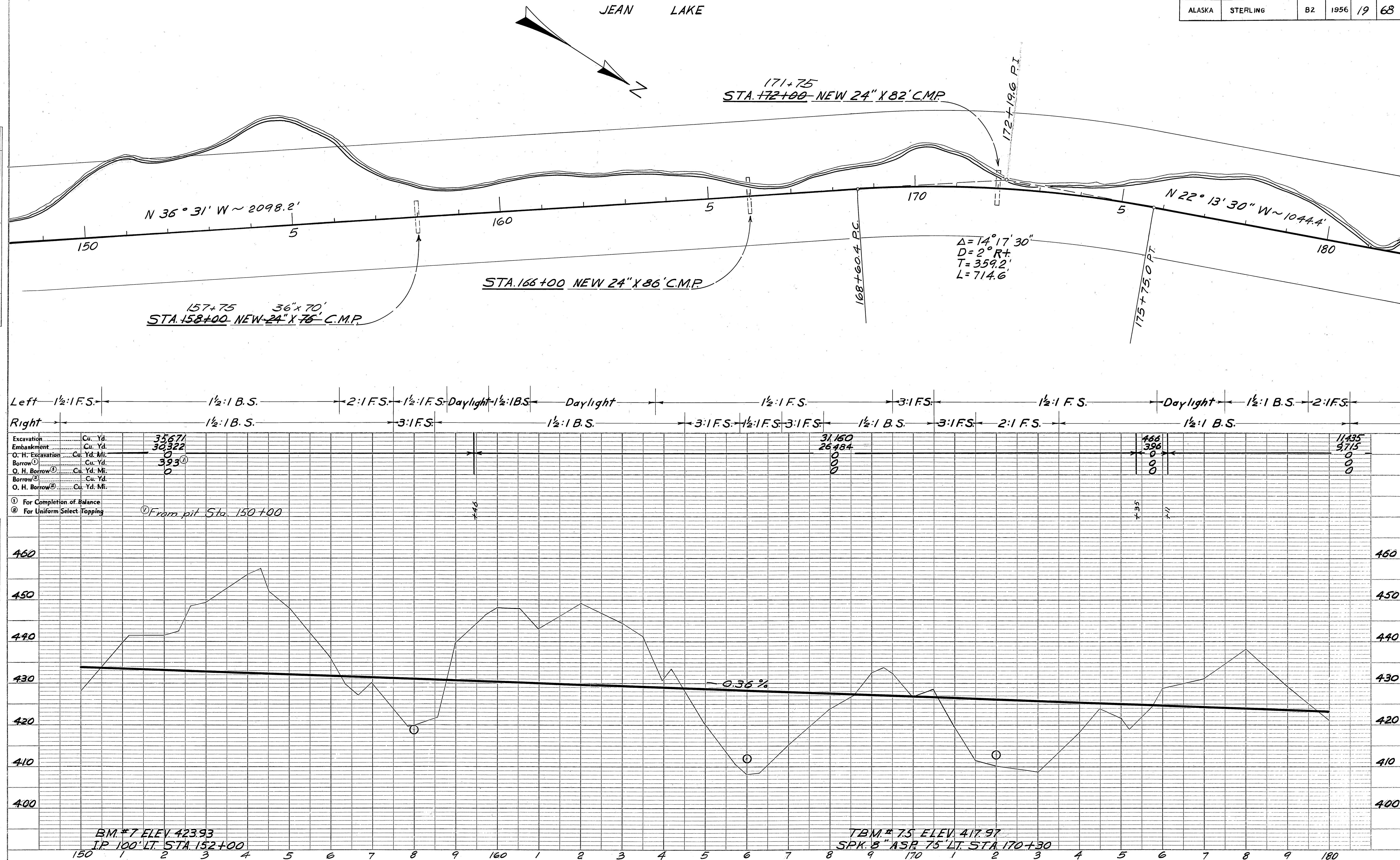
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ALASKA	STERLING	B2	1956	18	68





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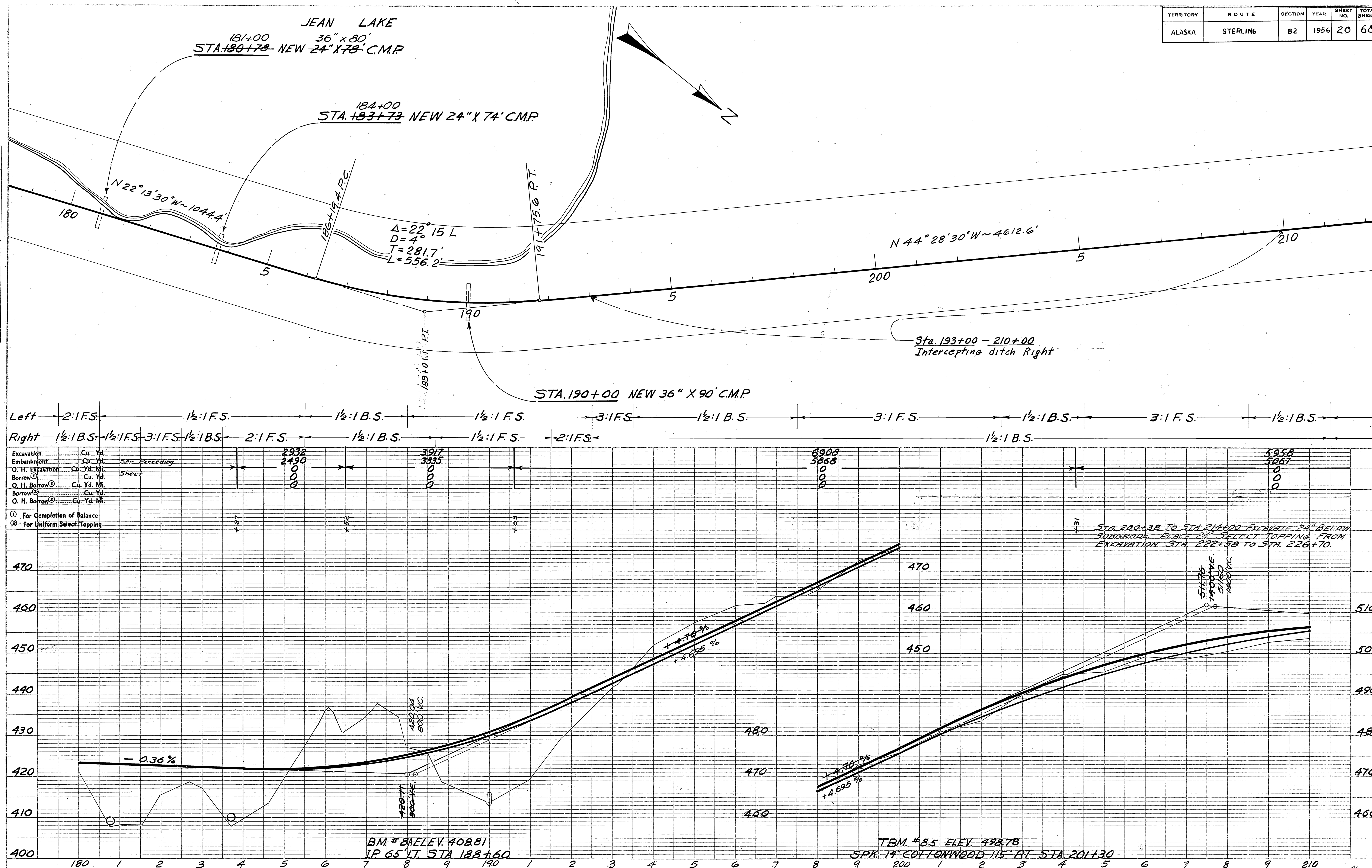
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GRADES CHECKED		
B. M.S NOTED		
STRUCTURE NOTATIONS CH'VD.		





PLAN	SURVEYED _____ BY _____		DATE _____
	PLOTTED _____		
	ALIGNMENT CHECKED _____		
	RT. OF WAY CHECKED _____		
NOTE BOOK			
NO. _____			

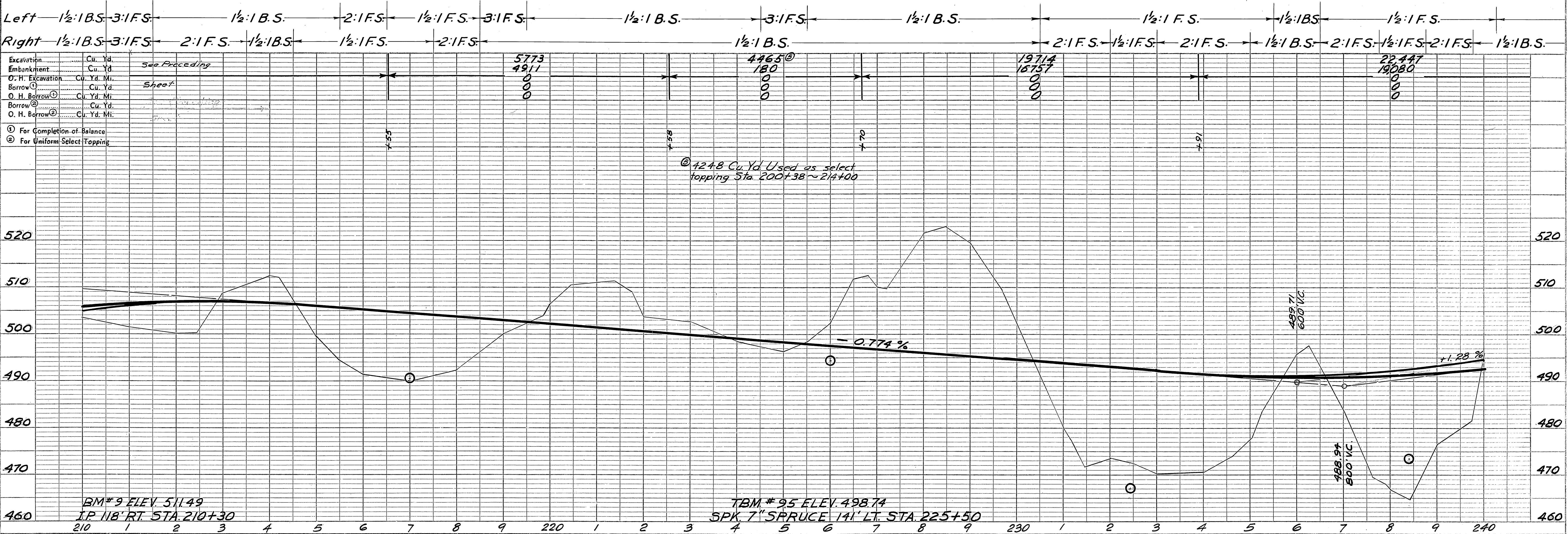
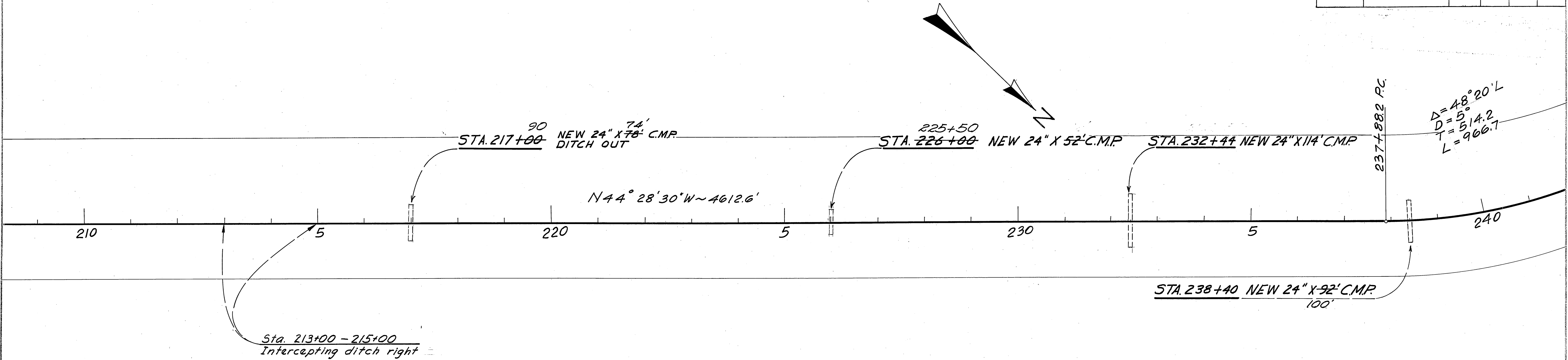
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRAPHS CHECKED		
	B. M'S NOTED		
	STRUCTURE NOTAT'NS CH'KD.		





TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	21	68

PLAN	SURVEYED	DATE
	NOTED	BY
	PLANNED	
	NO.	

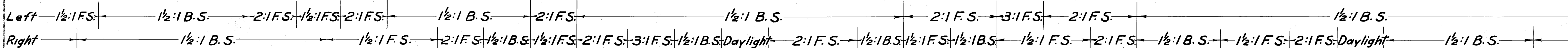
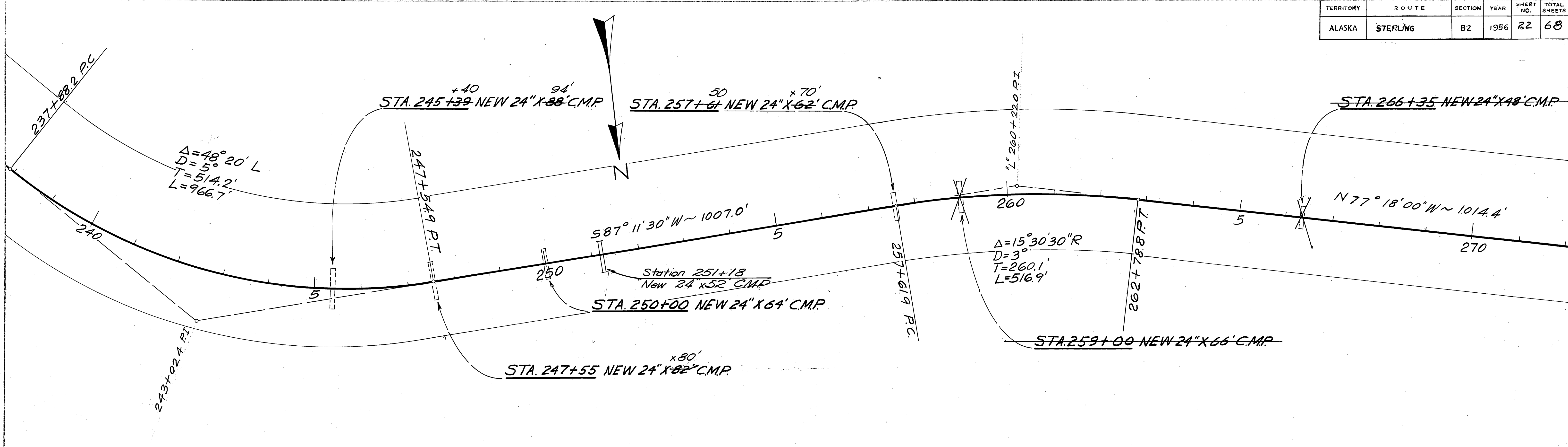


PROFILE	SURVEYED	DATE
	NOTED	BY
	PLANNED	
	NO.	

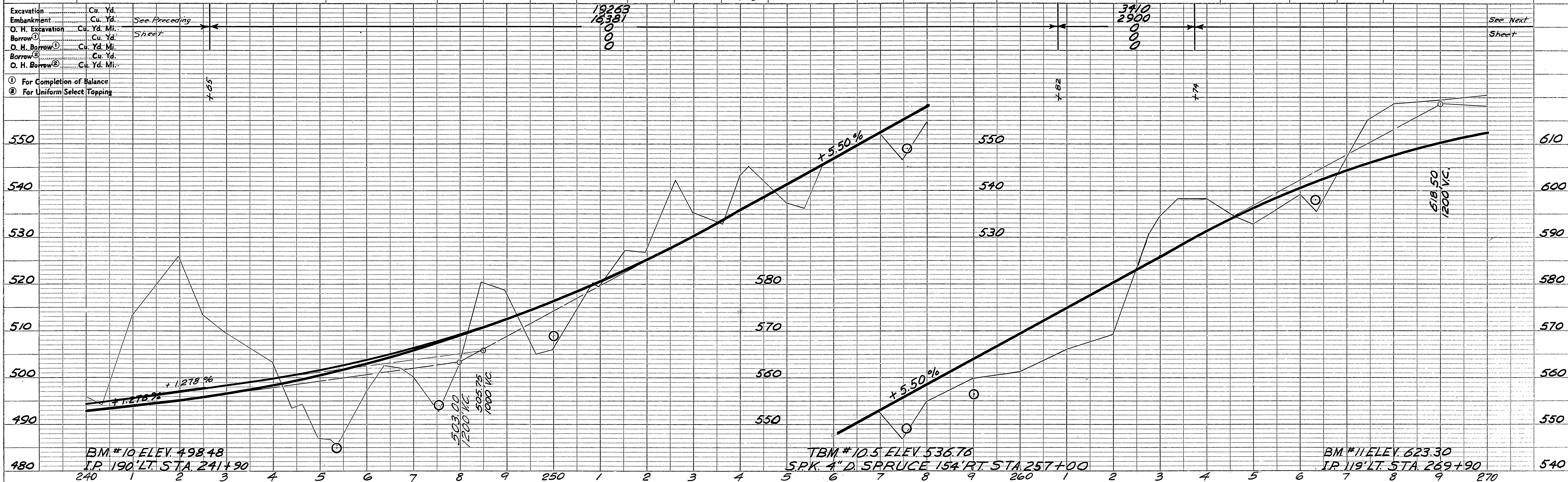


TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	22	68

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		



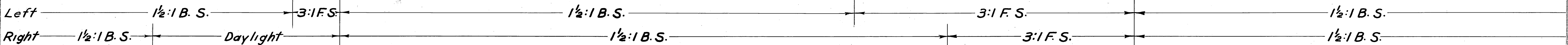
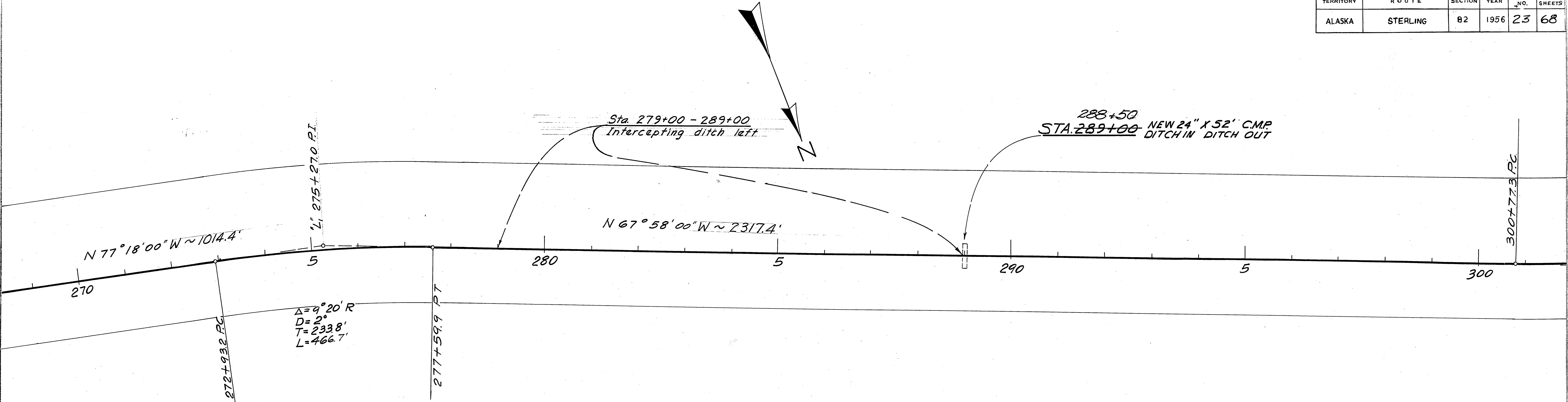
PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
STRUCTURE NOTATIONS CHKD.		





TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	82	1956	23	68

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

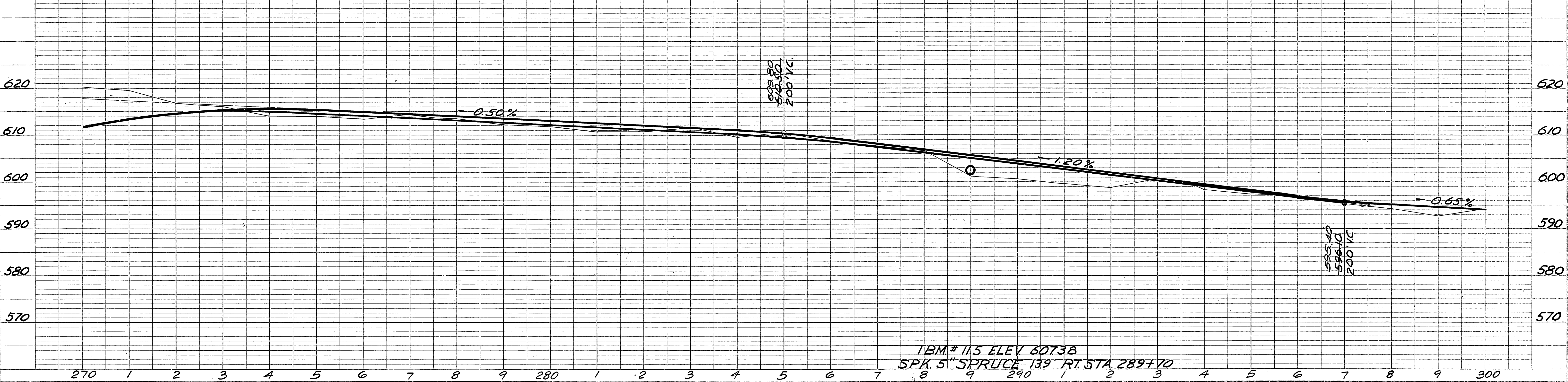


Excavation	Cu. Yd.	24,913 ①
Embankment	Cu. Yd.	13,500
O. H. Excavation	Cu. Yd. Mi.	1,375
Borrow ①	Cu. Yd.	0
O. H. Borrow ①	Cu. Yd. Mi.	0
Borrow ②	Cu. Yd.	0
O. H. Borrow ②	Cu. Yd. Mi.	0

① For Completion of Balance  
② For Uniform Select Topping

① Includes 9031 Cu. Yd. Waste

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD.	

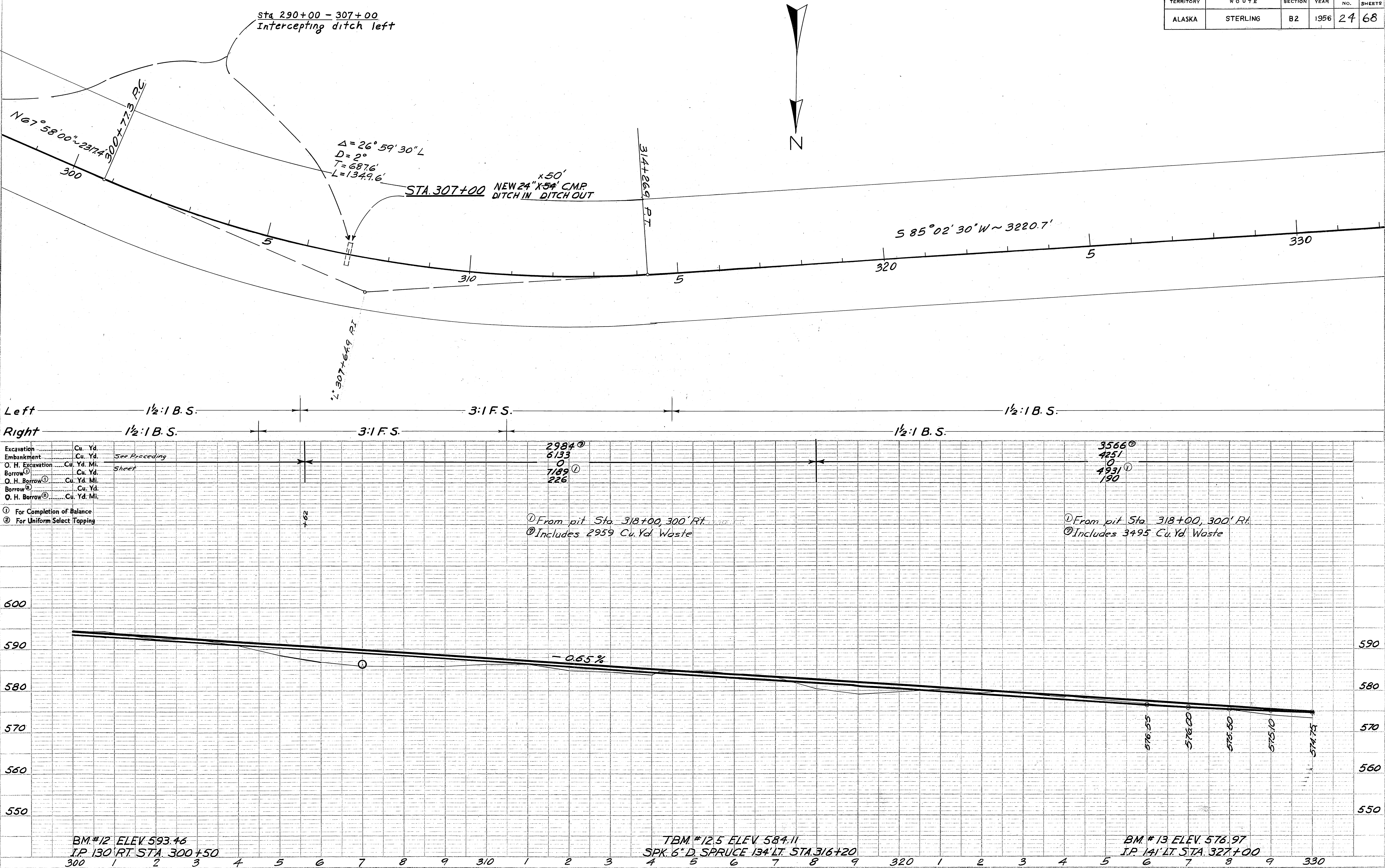




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	24	68

PLAN	SUBMITTED	DATE
	BY	
	NOTED	
	NO.	
NOTE BOOK	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SUBMITTED	DATE
	BY	
	NOTED	
	NO.	
NOTE BOOK	ALIGNED	
	CHECKED	
	BY	
	NO.	

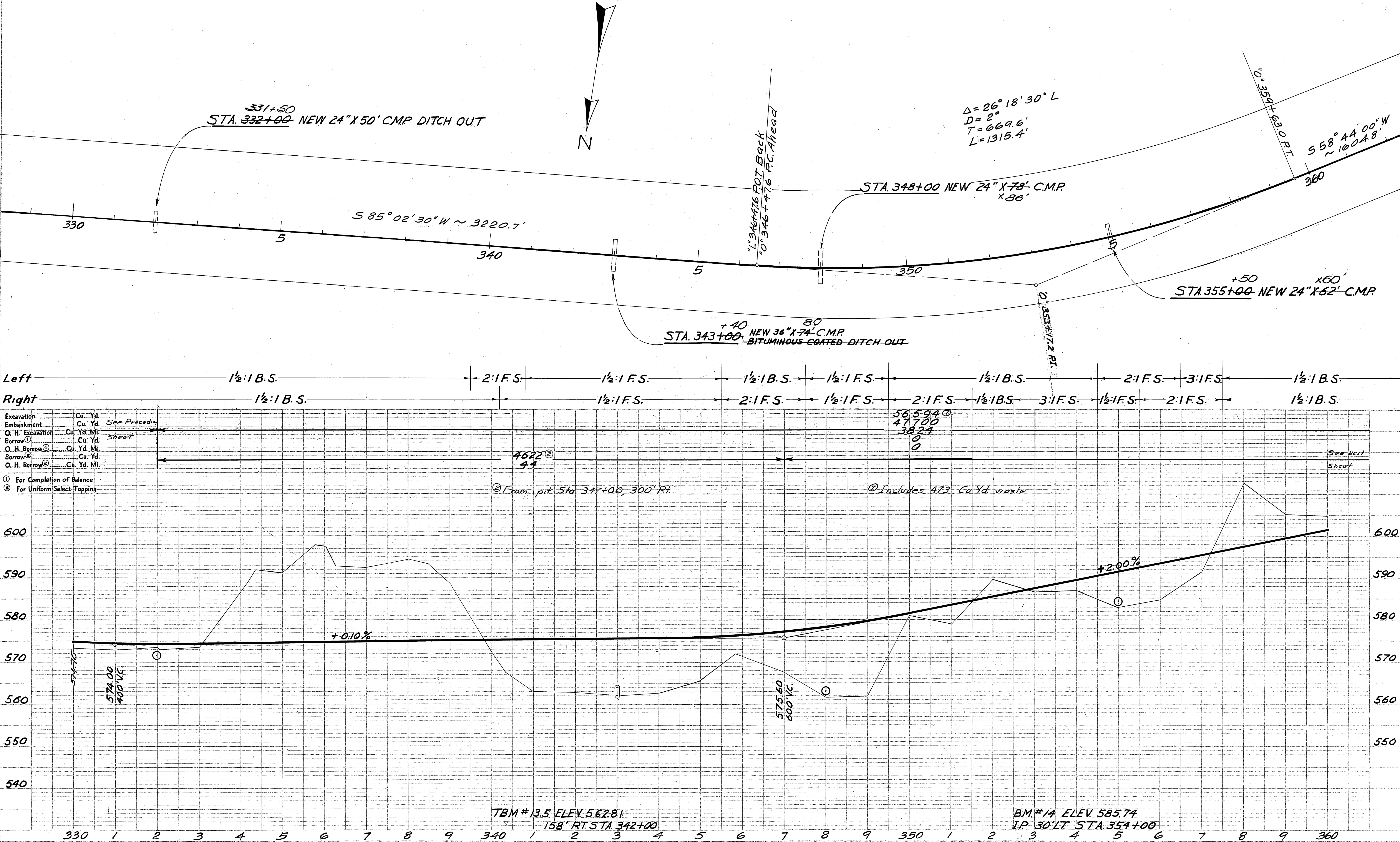




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	25	68

PLAN	SURVEYED	DATE
PLOTTED	BY	
NOTE BOOK	ALIGNMENT CHECKED	
NO.	AT OR MAY CHECKED	

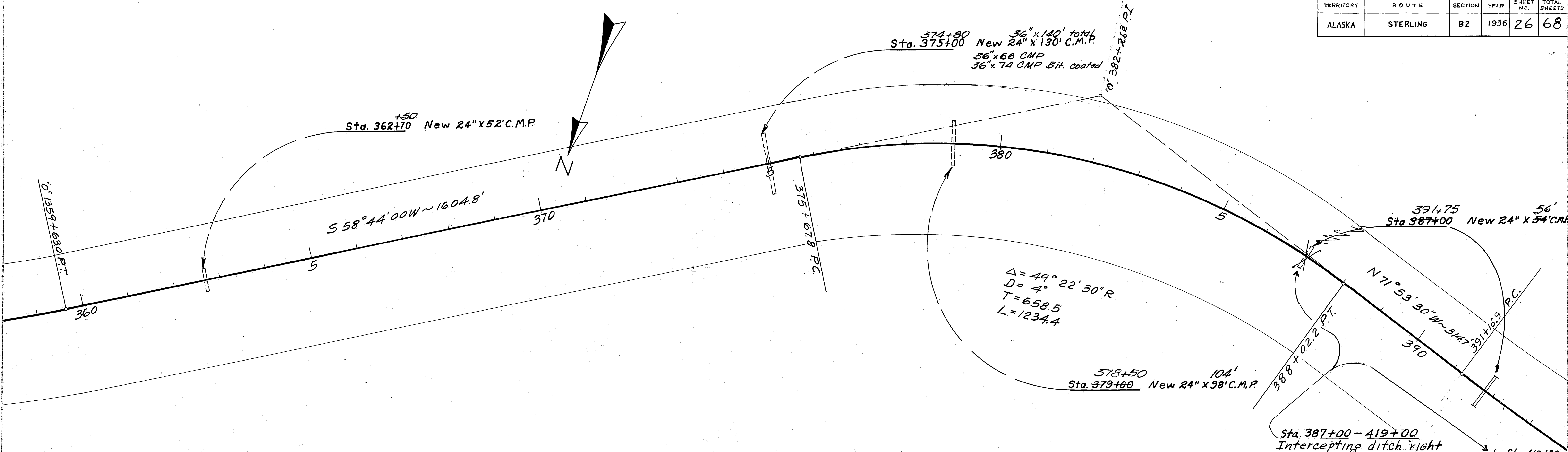
PROFILE	SURVEYED	DATE
PLOTTED	BY	
NOTE BOOK	STRUCTURE NOTED AS CHD.	
NO.		





TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	26	68

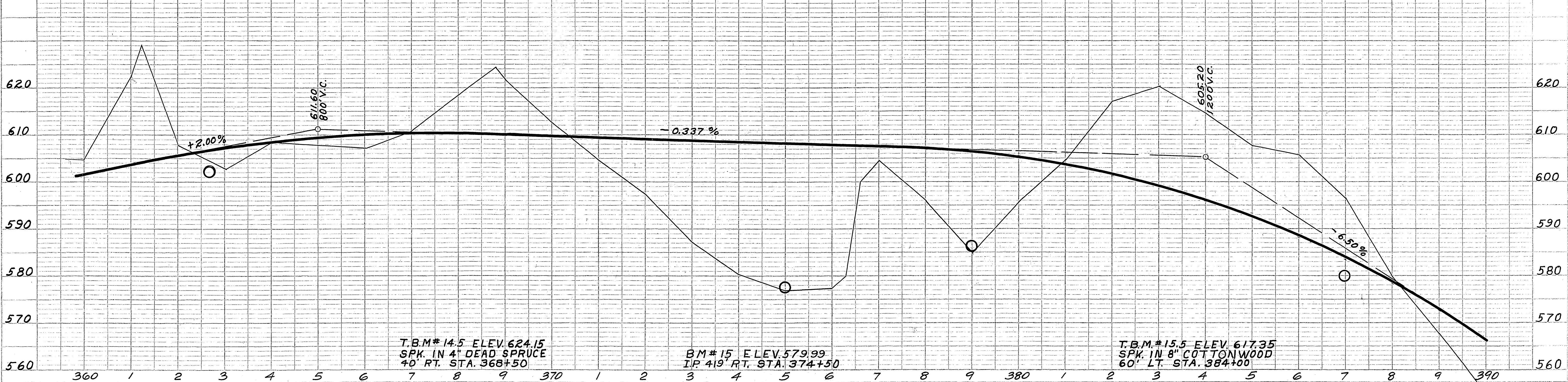
PLAN	DATE	BY
DESIGNED		
PLOTTED		
CHECKED		
NOTE BOOK		
RT. OF WAY CHECKED		
NO.		



Left	1/2:1 B.S.	3:1 F.S.	1/2:1 B.S.	3:1 F.S.	1/2:1 B.S.	1/2:1 F.S.	3:1 F.S.	1/2:1 F.S.	2:1 F.S.	1/2:1 B.S.	1/2:1 F.S.
Right	1/2:1 B.S.	3:1 F.S.	1/2:1 B.S.	3:1 F.S.	1/2:1 B.S.	2:1 F.S.	1/2:1 F.S.	3:1 F.S.	1/2:1 F.S.	1/2:1 B.S.	1/2:1 F.S.

Excavation	Cu. Yd.	See Preceding	See Next
Embankment	Cu. Yd.	Sheet	Sheet
O. H. Excavation	Cu. Yd. Mi.		
Borrow ①	Cu. Yd.		
O. H. Borrow ①	Cu. Yd. Mi.		
Borrow ②	Cu. Yd.	11398 ②	See Next
O. H. Borrow ②	Cu. Yd. Mi.	2482	Sheet

① For Completion of Balance  
 ② From pit Sta. 347+00, 300' Rt.



PROFILE	DATE	BY
DESIGNED		
PLOTTED		
CHECKED		
NOTE BOOK		
B. M. #15 NOTED		
STRUCTURE NOTED		
NO.		







TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	28	68

PLAN

DESIGNED

BY

DATE

NOTE BOOK

ALIGNMENT CHECKED

NO.

PLOTTED

DATE

RT. OF WAY CHECKED

NO.

Excavation	Cu. Yd.	23,543	
Embankment	Cu. Yd.	20,014	
O. H. Excavation	Cu. Yd. Mi.	1,116	
Borrow ①	Cu. Yd.	0	
O. H. Borrow ①	Cu. Yd. Mi.	0	
Borrow ②	Cu. Yd.	0	
O. H. Borrow ②	Cu. Yd. Mi.	0	

- ① For Completion of Balance
- ② For Uniform Select Topping

PROFILE

DESIGNED

BY

DATE

NOTE BOOK

GRADES CHECKED

NO.

PLOTTED

DATE

STRUCTURAL CONTINUITY

NO.

PLATE 1 - PLAN-PROFILE O. P. R. A. R. R. STANDARD  
HEUFFEL & ESSER CO., NEW YORK

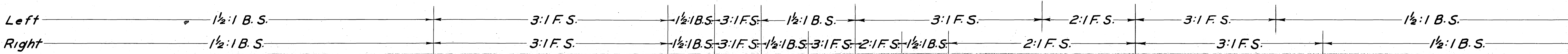
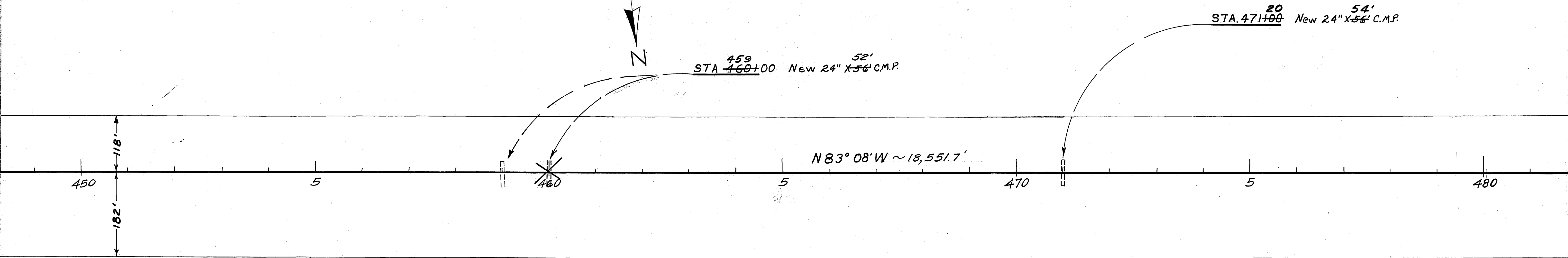
K. E. 1956, No. 348-10  
1/2" = 100' HORIZ. SCALE  
1" = 10' VERT. SCALE

A-2



TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	29	68

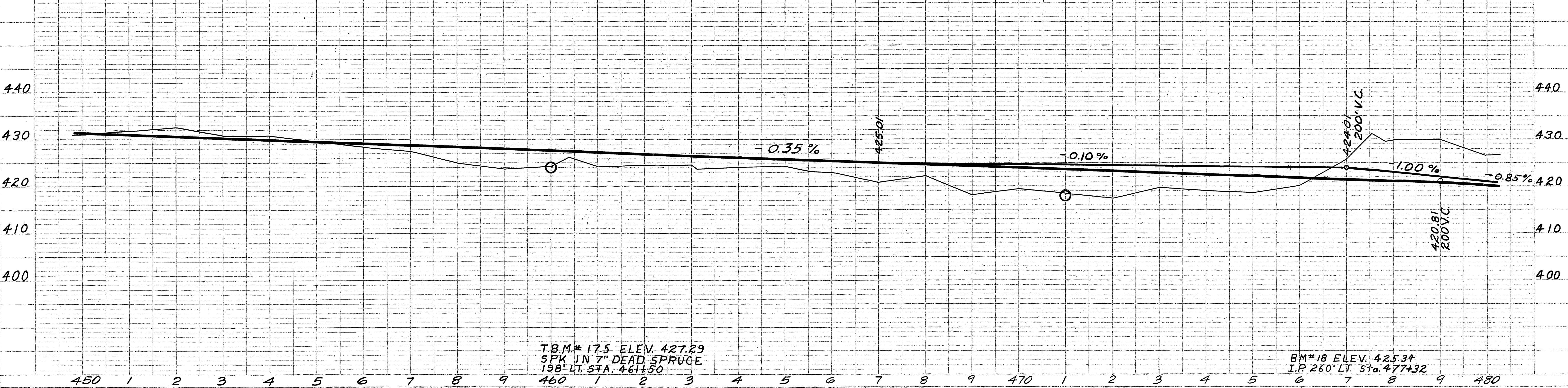
PLAN	DATE	
	BY	
	CHECKED	
	NO.	
PLAN	DATE	
	BY	
	CHECKED	
	NO.	



Excavation	Cu. Yd.	13,010	①
Embankment	Cu. Yd.	7,588	
O. H. Excavation	Cu. Yd. Mi.	263	
Borrow ①	Cu. Yd.	0	
O. H. Borrow ①	Cu. Yd. Mi.	0	
Borrow ②	Cu. Yd.	3890	
O. H. Borrow ②	Cu. Yd. Mi.	3,307	

- ① For Completion of Balance
- ② For Uniform Select Topping

PROFILE	DATE	
	BY	
	CHECKED	
	NO.	
PROFILE	DATE	
	BY	
	CHECKED	
	NO.	

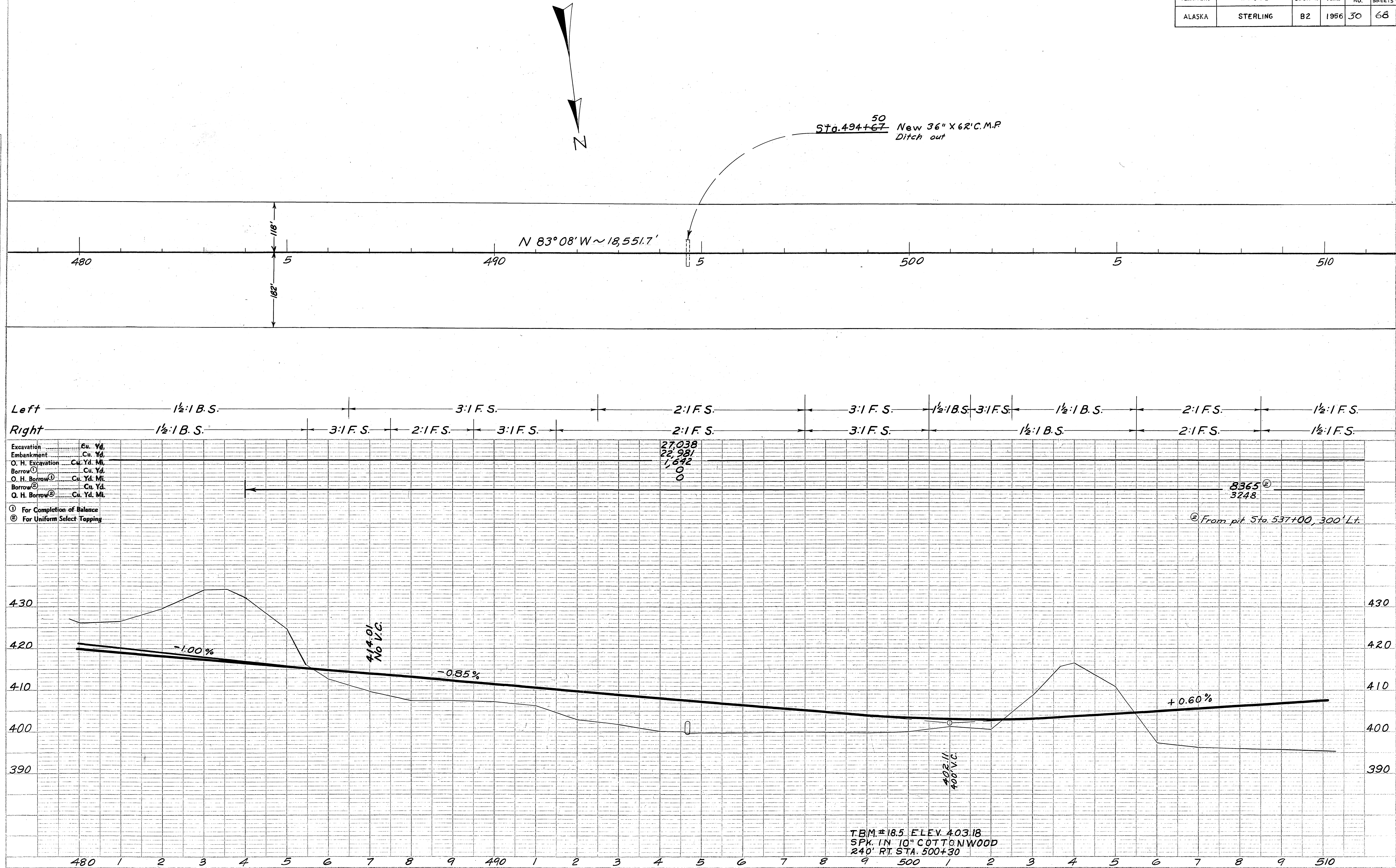




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	30	68

PLAN	DATE	BY
	DESIGNED	CHECKED
NOTE BOOK	ALIGNMENT CHECKED	RT. OF WAY CHECKED
	NO.	

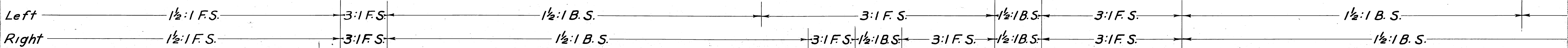
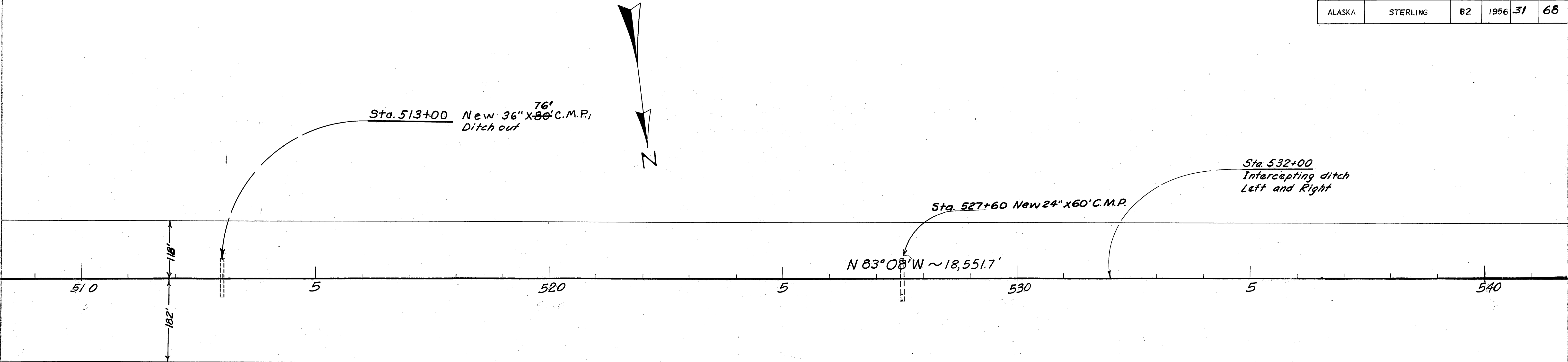
PROFILE	DATE	BY
	DESIGNED	CHECKED
NOTE BOOK	PLOTTED	GRADES CHECKED
	NO.	





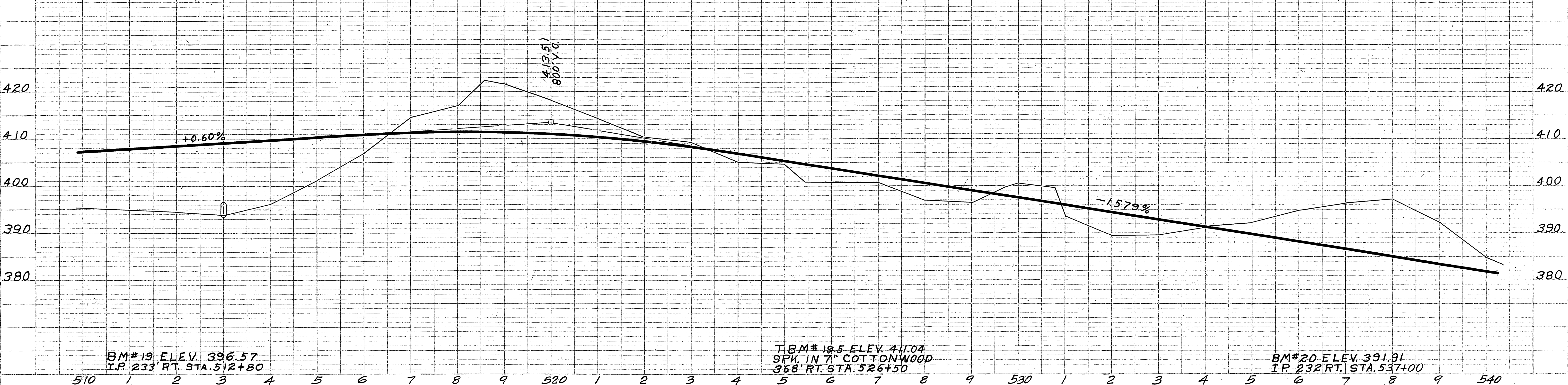
TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	31	68

DATE	
BY	
DESIGNED	
CHECKED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	



Excavation	Cu. Yd.	See Preceding	
Embankment	Cu. Yd.	Sheet	
O. H. Excavation	Cu. Yd.	Sheet	
Borrow ①	Cu. Yd.	See Preceding	
O. H. Borrow ①	Cu. Yd.	Sheet	
Borrow ②	Cu. Yd.	Sheet	
O. H. Borrow ②	Cu. Yd.	Sheet	

① For Completion of Balance  
 ② For Uniform Select Topping

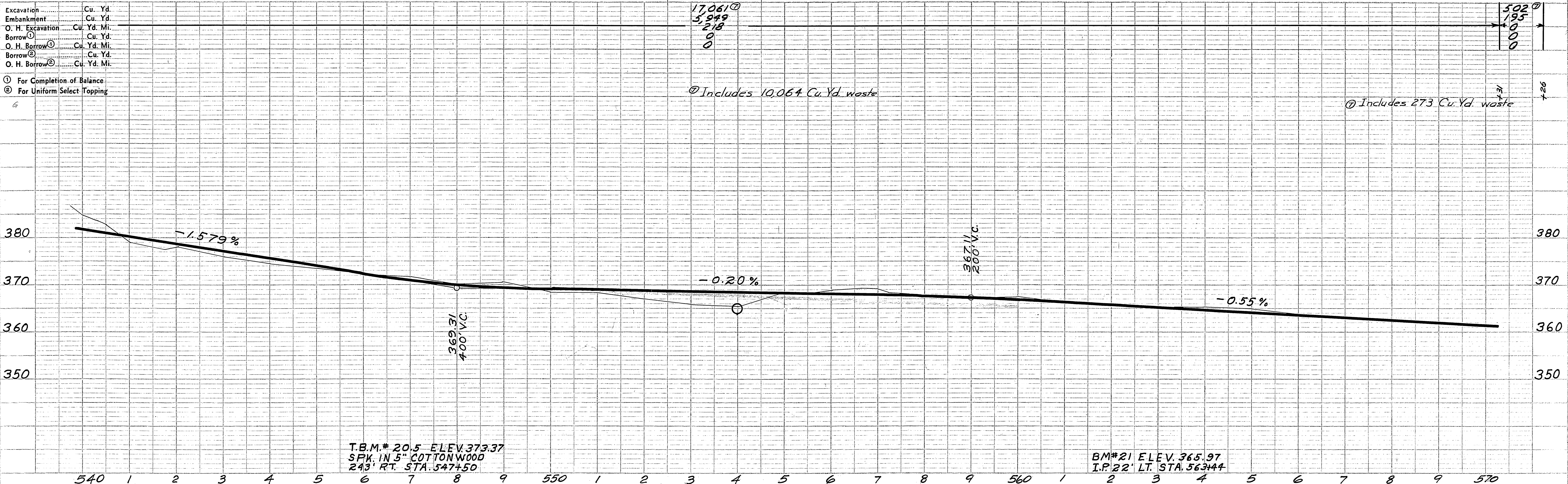
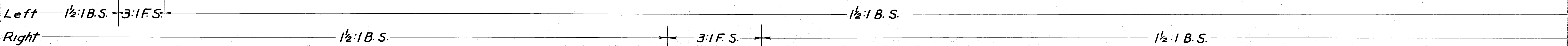
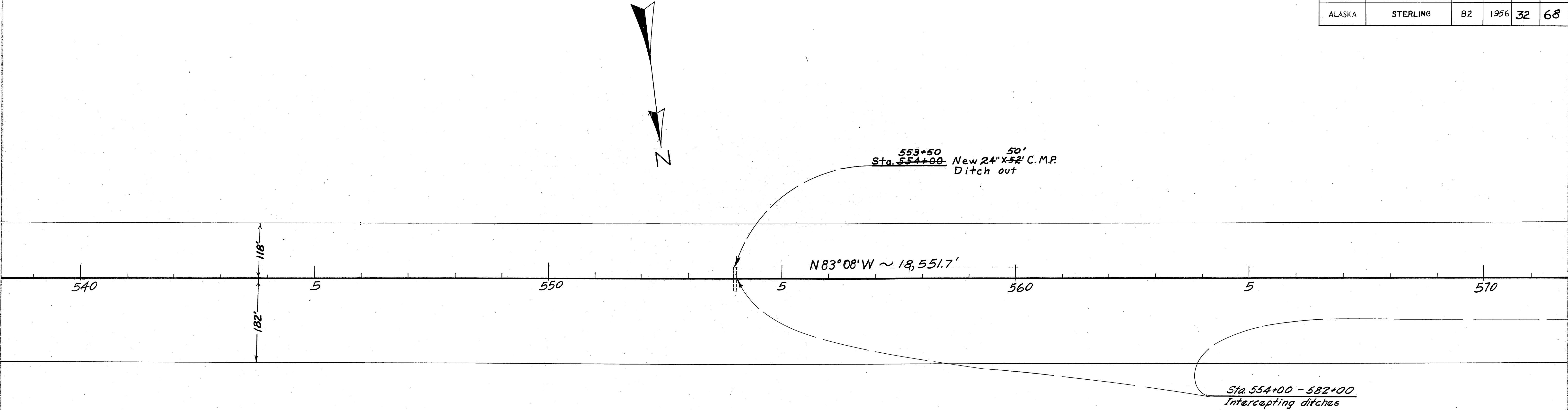


DATE	
BY	
DESIGNED	
CHECKED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	



TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	32	68

PLAN	DATE	
	BY	
	SURVEYED	
	NOTE BOOK ALIGNMENT CHECKED RT. OF WAY CHECKED	

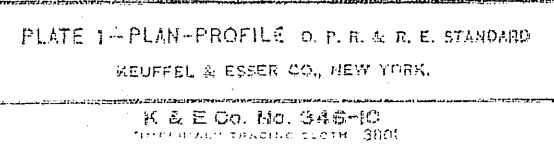


PROFILE	DATE	
	BY	
	SURVEYED	
	NOTE BOOK GRADES CHECKED S. & S. NOTED STATION ELEVATIONS CHECKED	



PLAN		BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
NO. _____			

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	S. M.S. NOTED		
	STRUCTURE NOTATIONS CHKD.		

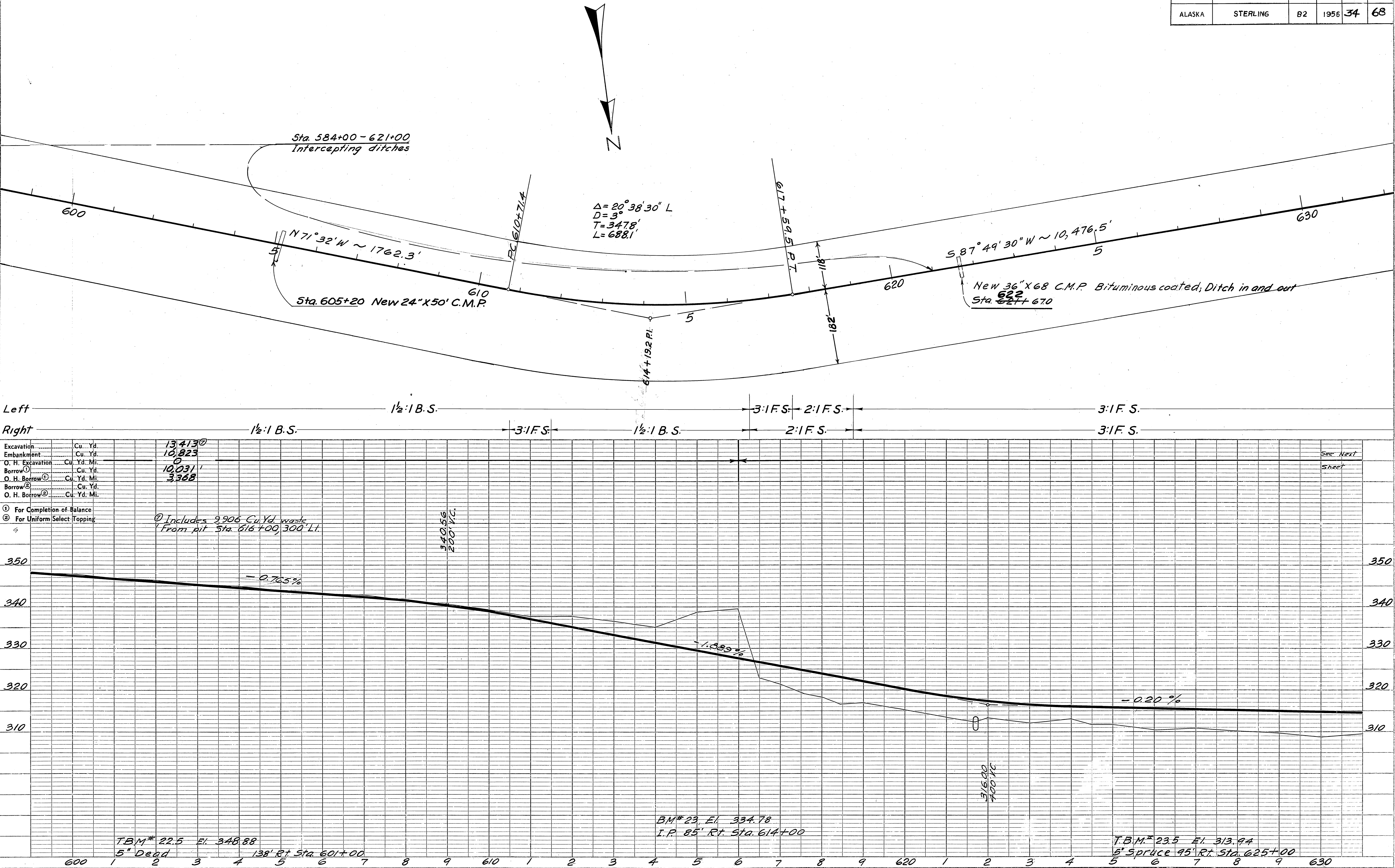




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	82	1956	34	68

PLAN	DATE
BY	
REVIEWED	
NOTE BOOK	
RT. OF WAY CHECKED	
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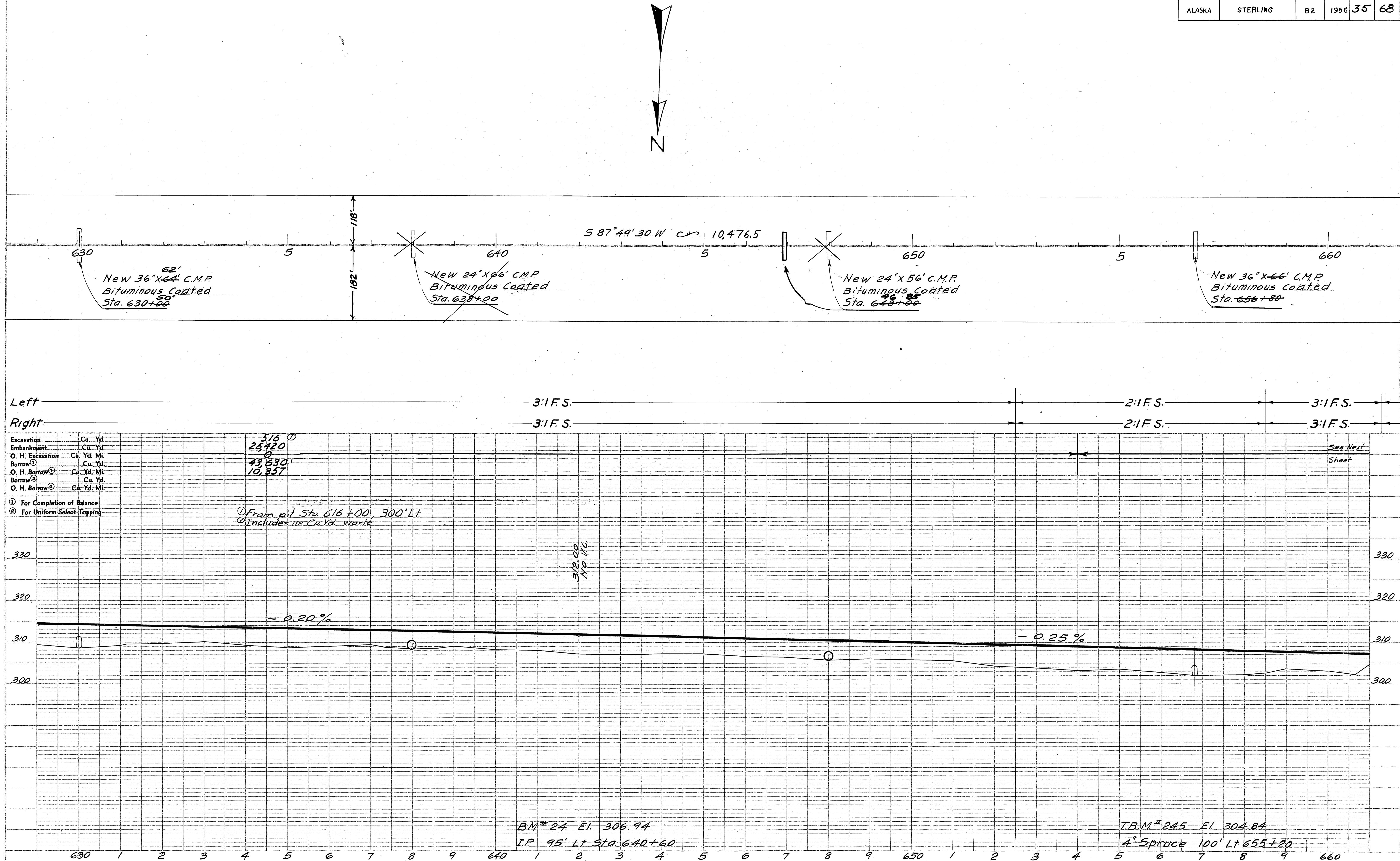
PROFILE	DATE
BY	
REVIEWED	
NOTE BOOK	
IS. M.S. NOTED	
STRUCTURE NOTATIONS CHNG.	
NO.	





PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED CHECKED		
NO.	FT. OF WAY CHECKED		

PROFILE	SURVIVED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M.S. NOTED		
	STRUCTURE NOTATIONS CHYKD.		

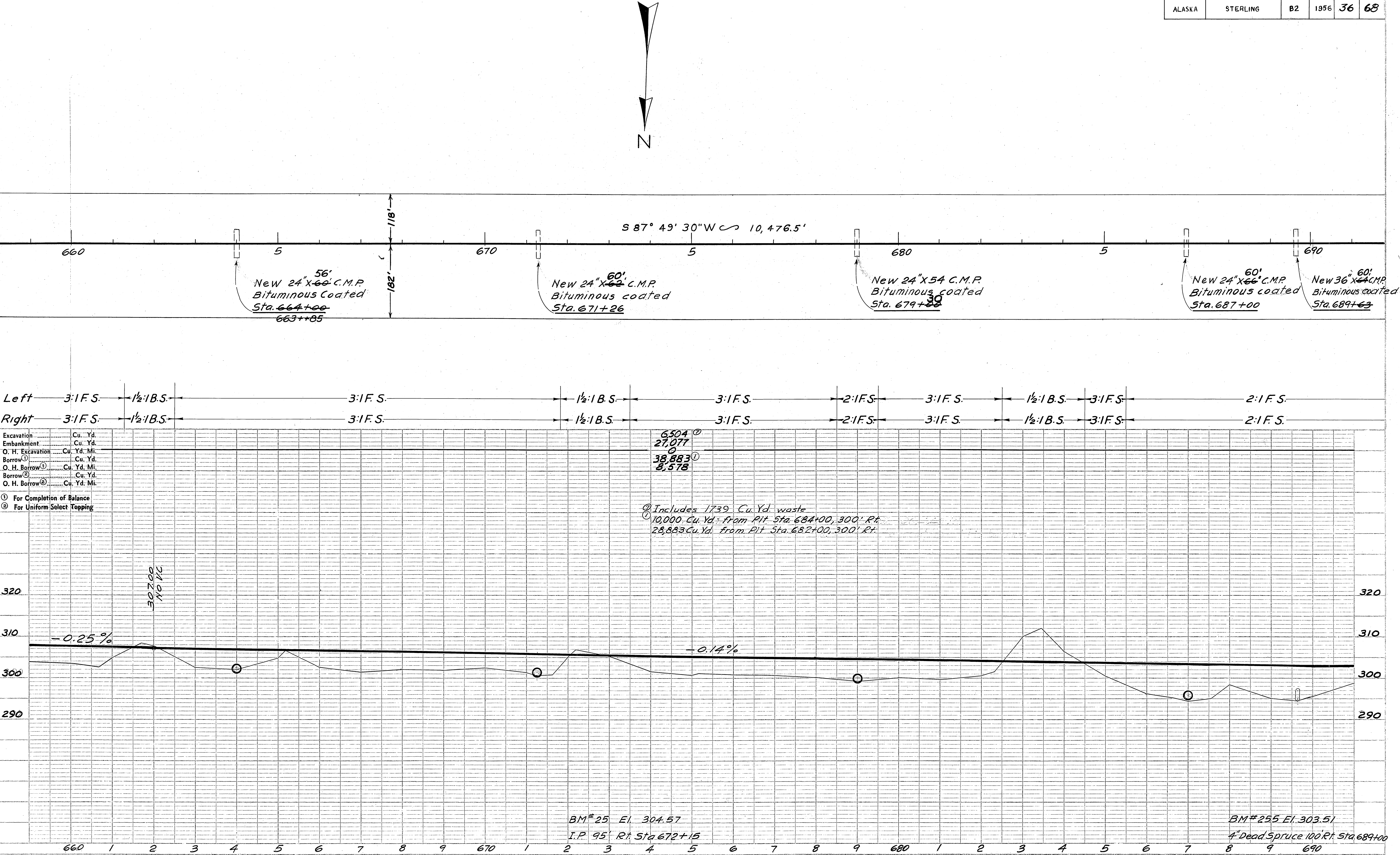




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	36	68

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED CHECKED	BY
NO.	RT. OF WAY CHECKED	

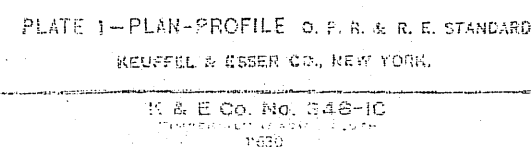
PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	STRUCTURE NOTATIONS CHECKED	





PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRASSES CHECKED		
	B. M.S. NOTED		
	STRUCTURE NOTATIONS CH'NG.		

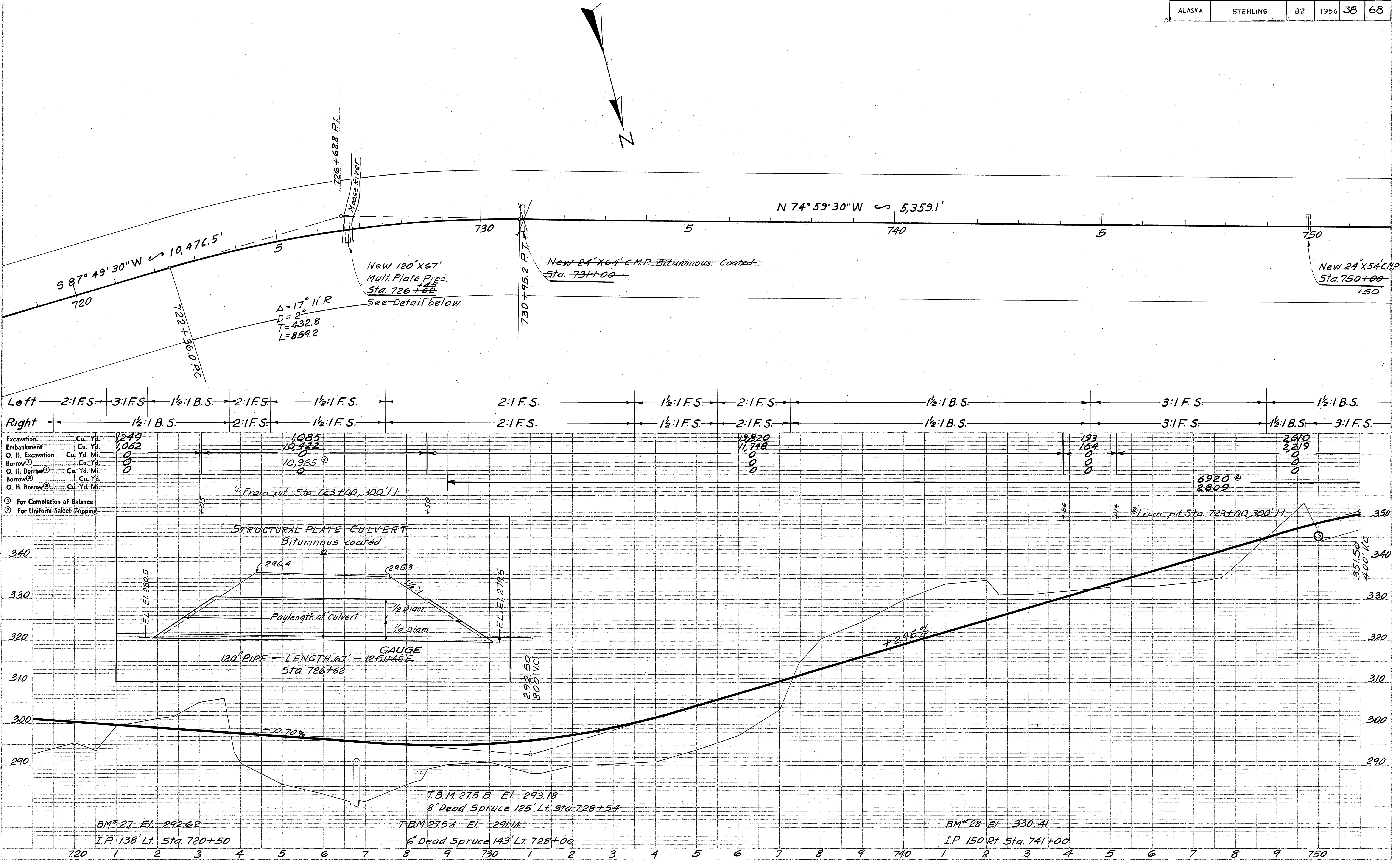




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	38	68

PLAN	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
ALIGNED CHECKED	
RT. OF WAY CHECKED	
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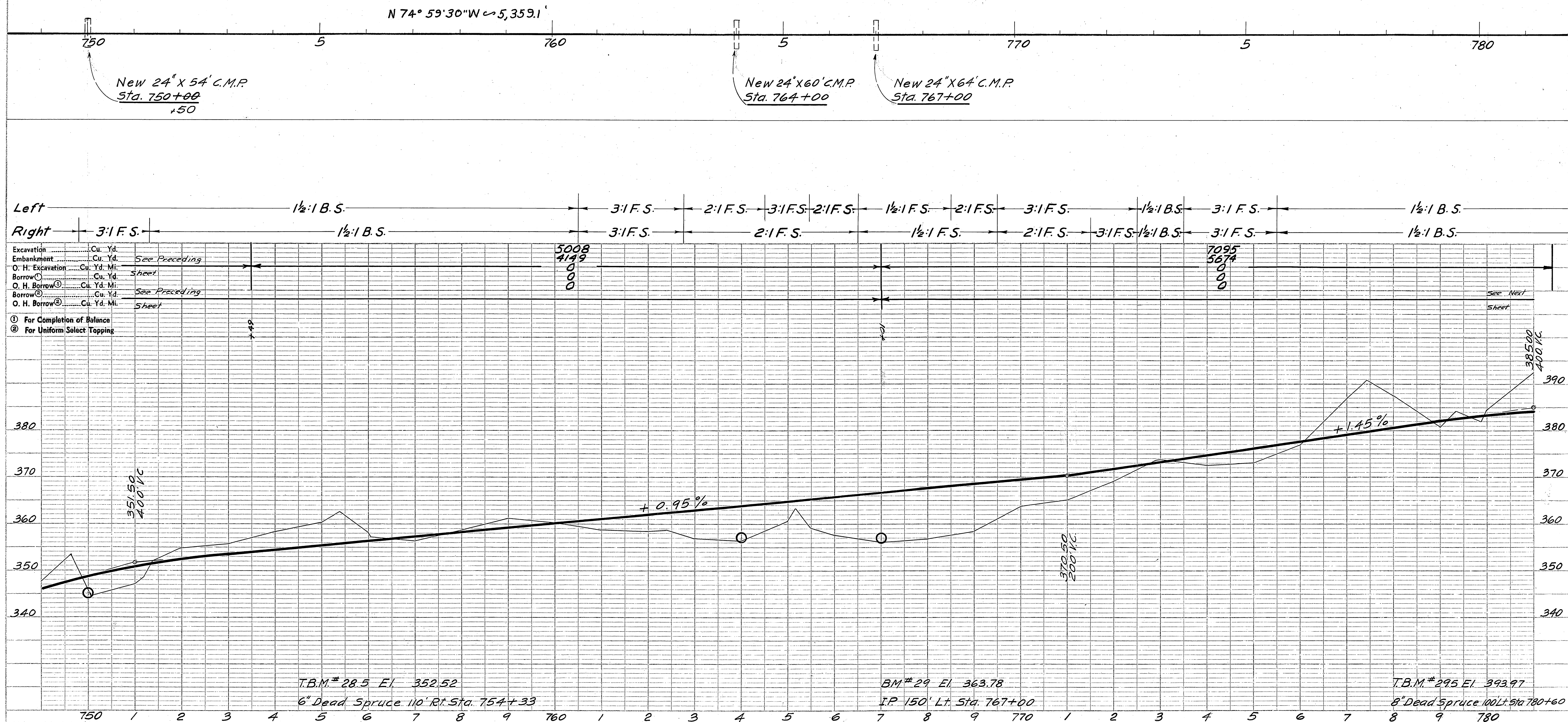
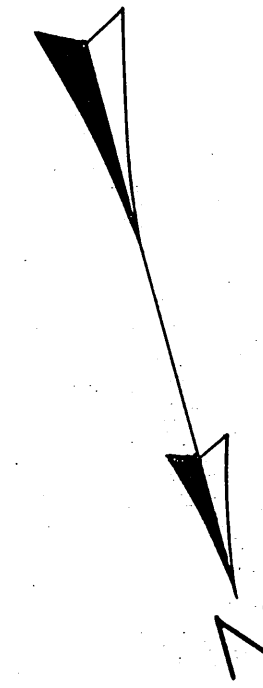
PROFILE	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	





PLAN	SURVIVED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

DATE	BY	PROFILE
		SURVIVED
		PLOTTED
		NOTE BOOK
		GRADES CHECKED
		B. M.'S NOTED
		NO.
		STRUCTURE NOTATIONS CH'D.



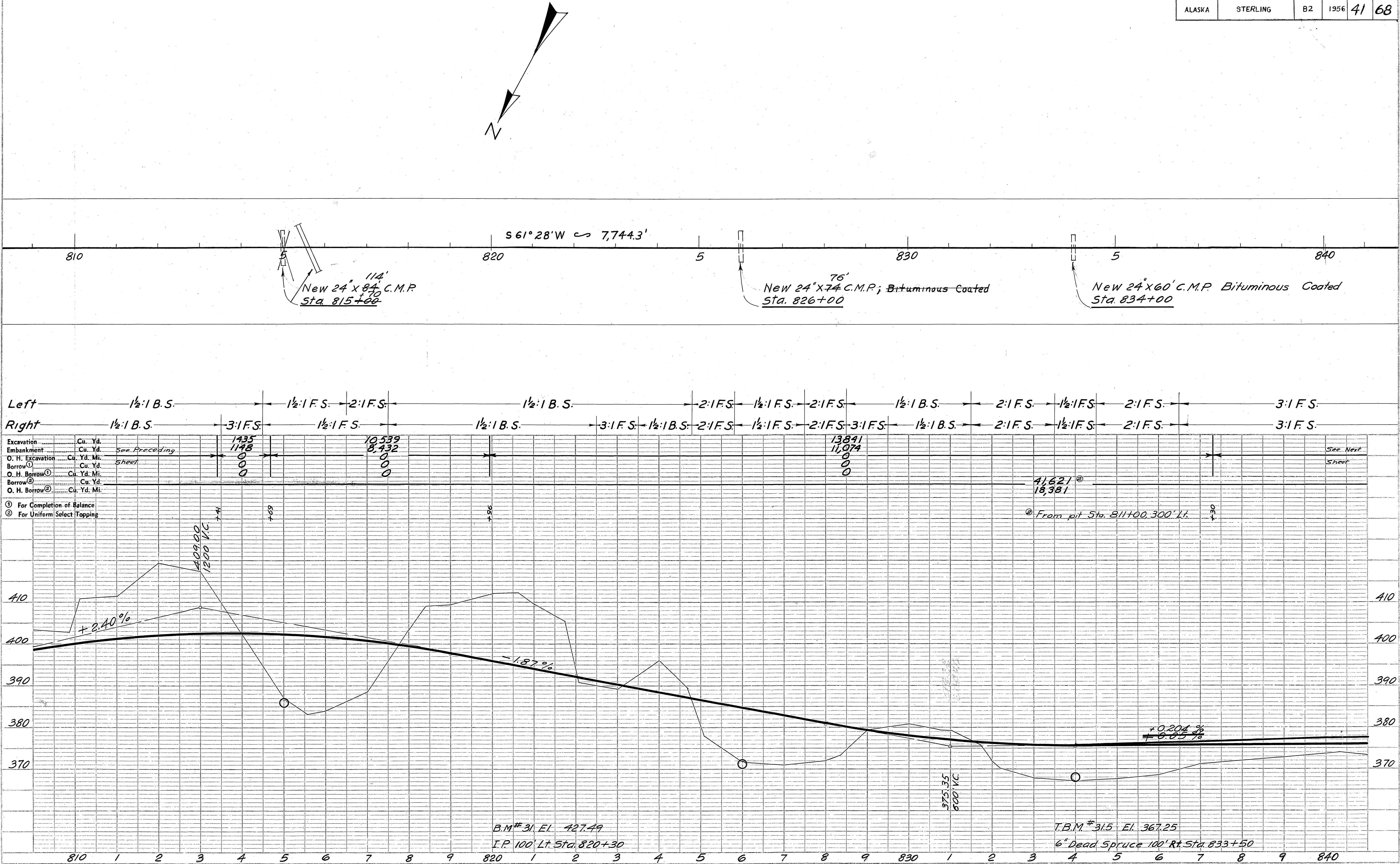






TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	82	1956	41	68

PLAN	DATE	
	BY	
	SURVEYED	
	PLOTTED	
	NOTE BOOK ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO.	

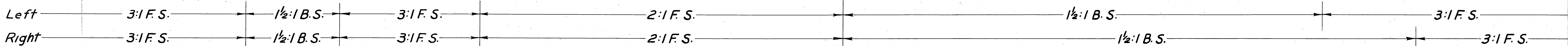
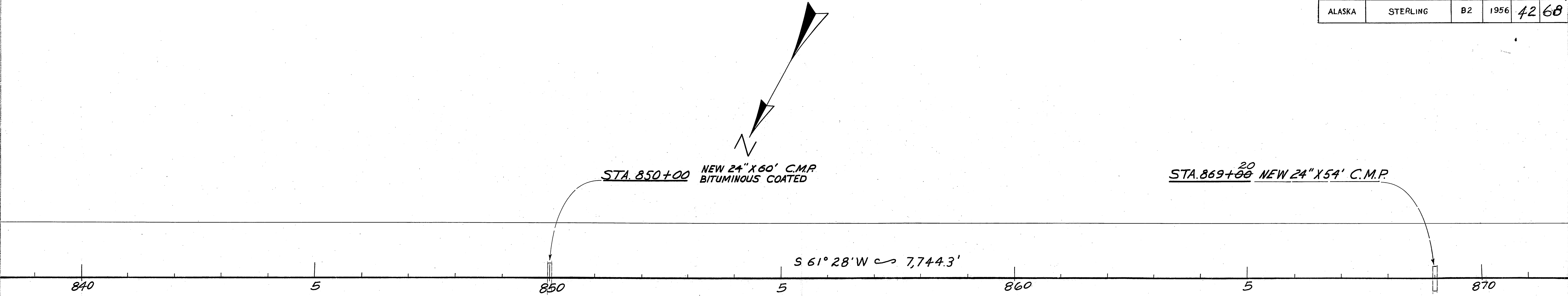


PROFILE	DATE	
	BY	
	SURVEYED	
	PLOTTED	
	NOTE BOOK GRADES CHECKED	
	STRUCTURE NOTATION CHD.	
	NO.	



TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	42	68

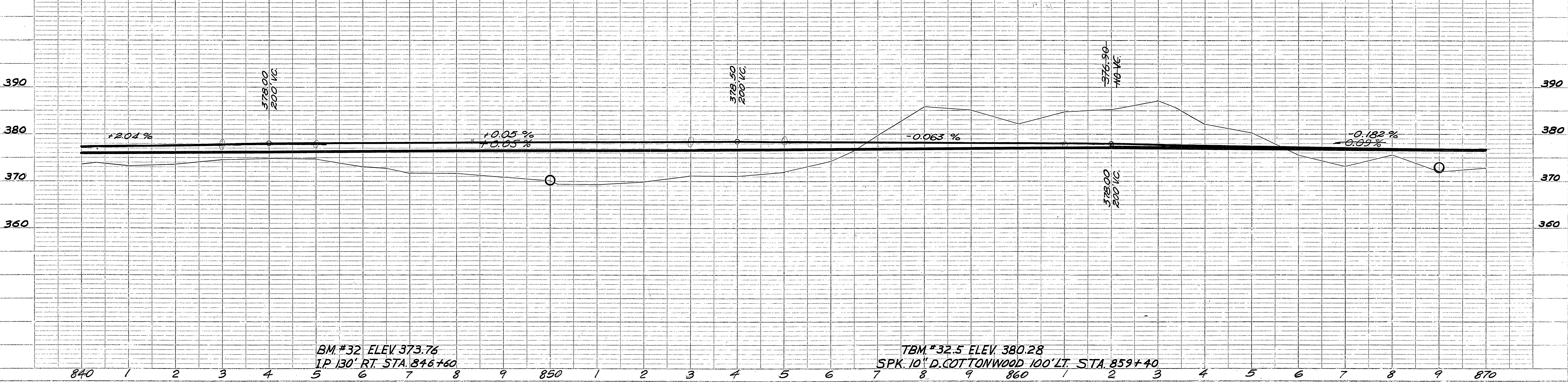
PLAN	SURVEYED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
BY		
NO.		



Excavation	Cu. Yd.	
Embankment	Cu. Yd.	
O. H. Excavation	Cu. Yd. Mi.	
Borrow ①	Cu. Yd.	
O. H. Borrow ①	Cu. Yd. Mi.	
Borrow ②	Cu. Yd.	
O. H. Borrow ②	Cu. Yd. Mi.	

- ① For Completion of Balance  
② For Uniform Select Topping

PROFILE	SURVEYED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
BY		
NO.		

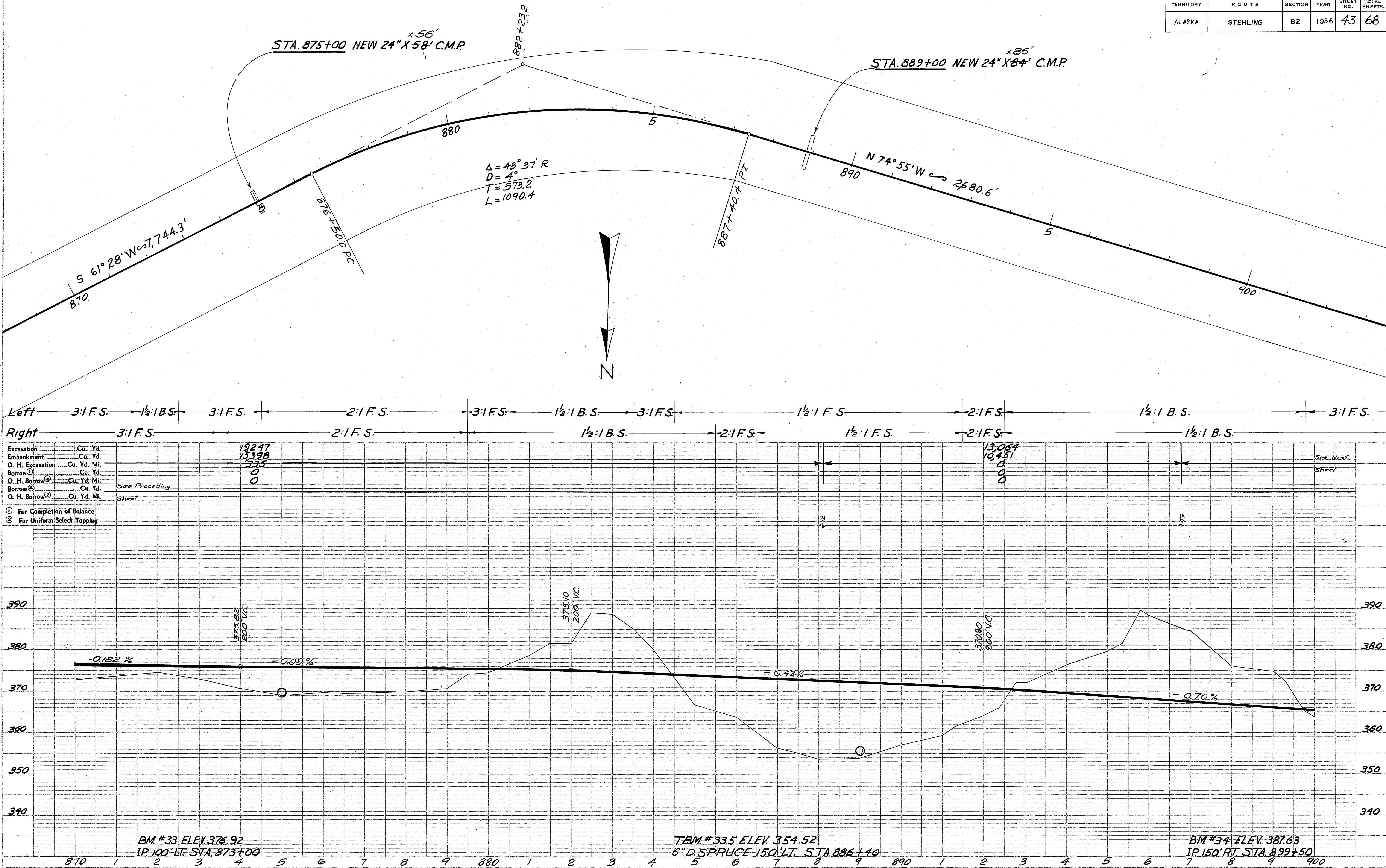




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	43	68

PLAN	DATE
BY	
NO.	
SURVEYED	
CHECKED	
NOTE BOOK	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	

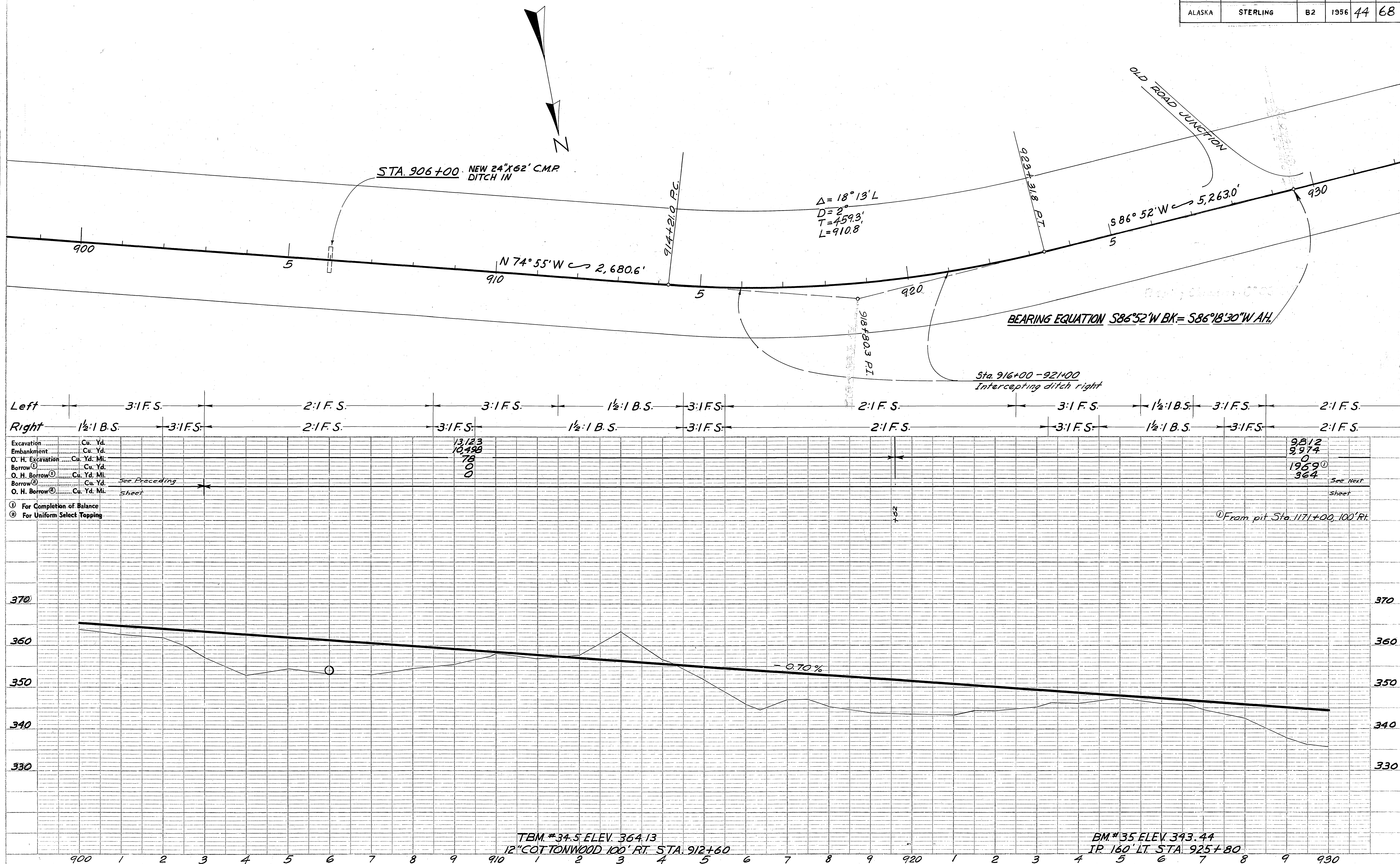
PROFILE	DATE
BY	
NO.	
SURVEYED	
CHECKED	
NOTE BOOK	
GRADES CHECKED	
S. M.S. NOTED	
STRUCTURE NOTATION CHK'G	





PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVIVED	BY	DATE
PLOTTED			
NOTE BOOK			
GRIDS CHECKED			
B. M. S. NOTED			
NO			
STRUCTURE LOCATIONS CHANGED			

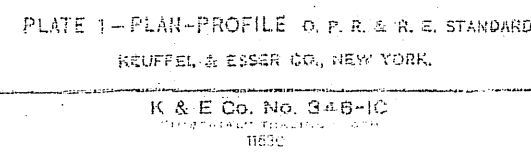


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PLAN		BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
NO.			

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		

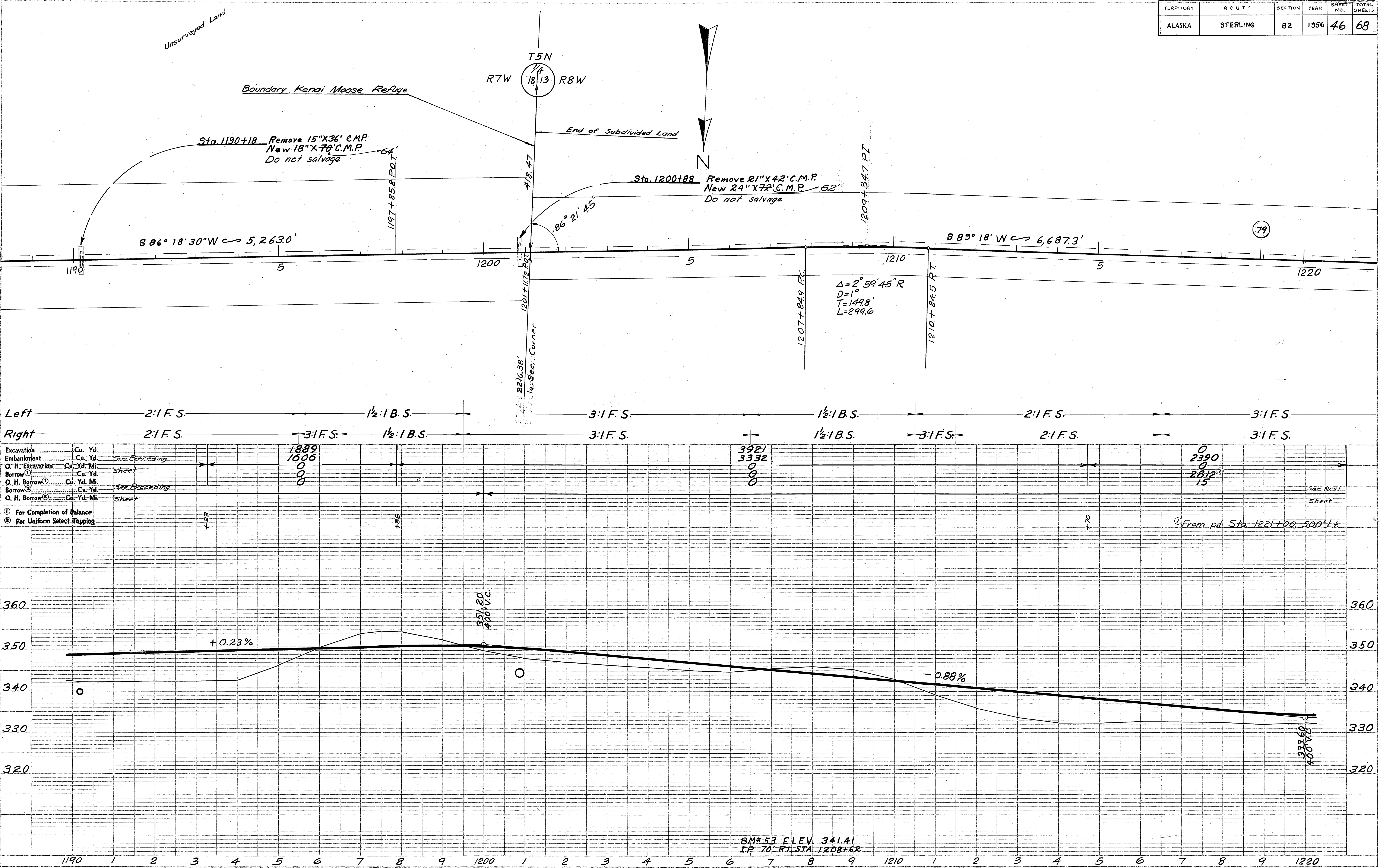




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	82	1956	46	68

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	RT. OF WAY	
	CHECKED	

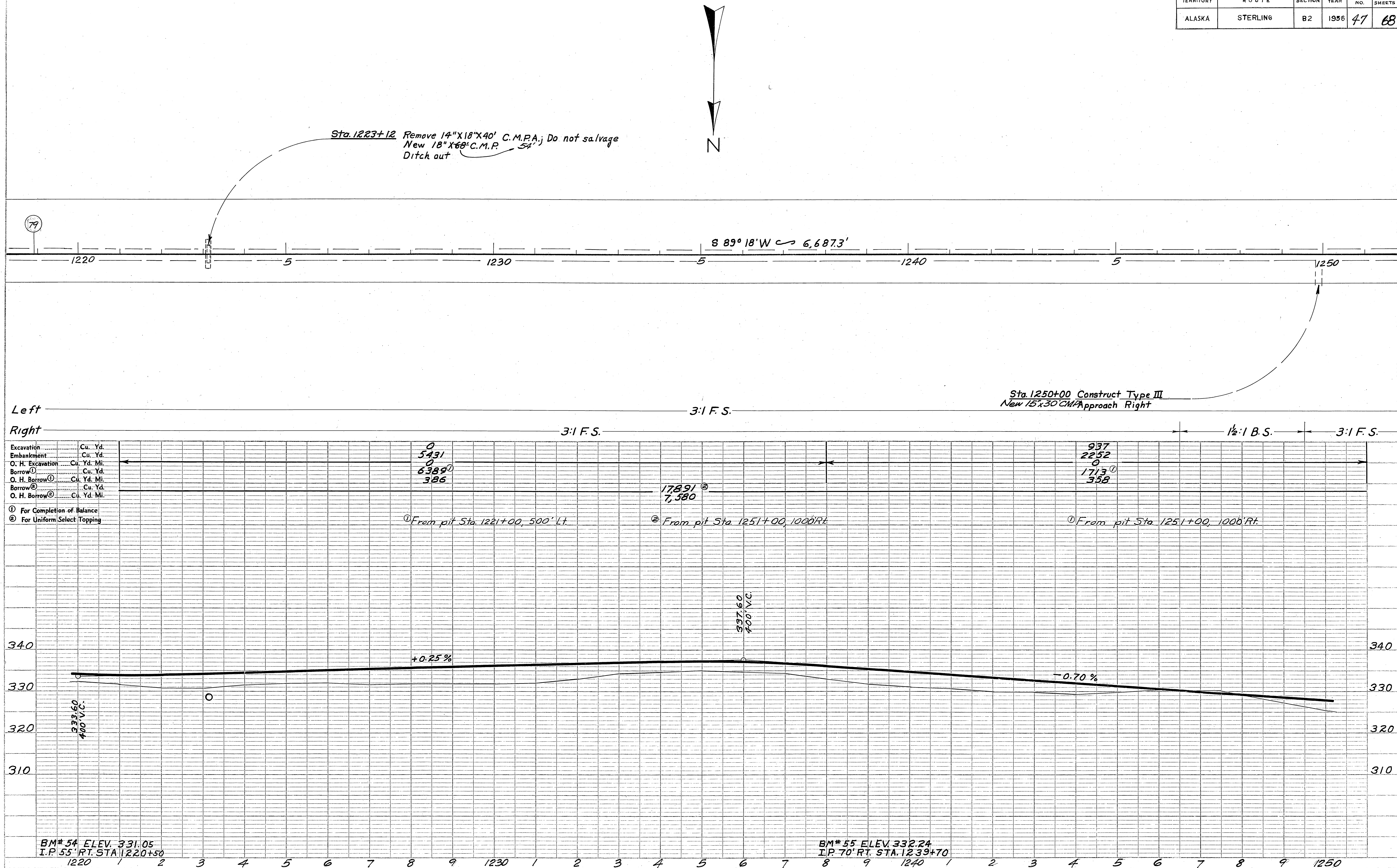
PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHRGD.	





PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED & M.S. NOTED		
	STRUCTURE NOTATIONS CH'KD.		

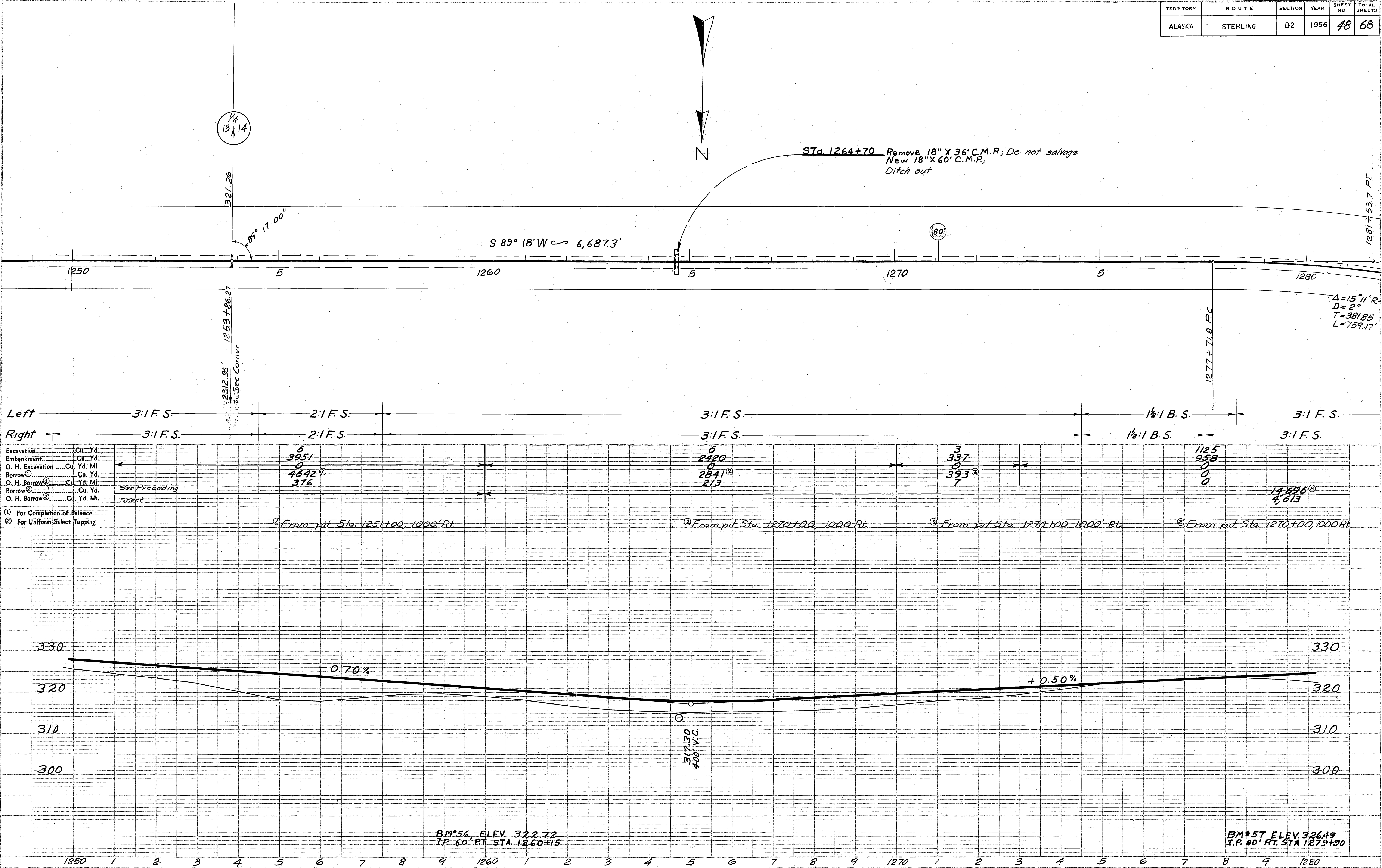




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	82	1956	48	68

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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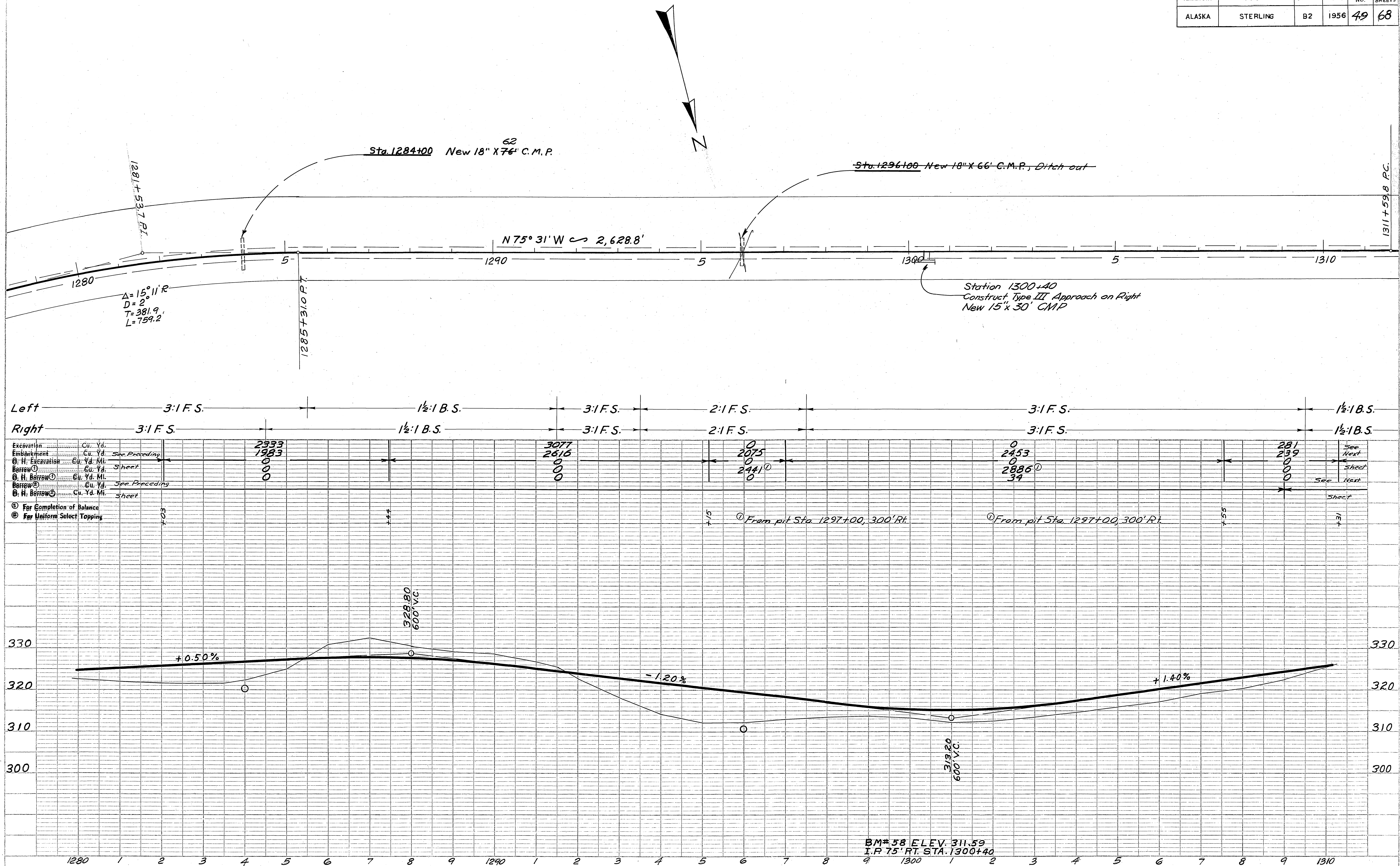




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	49	68

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	

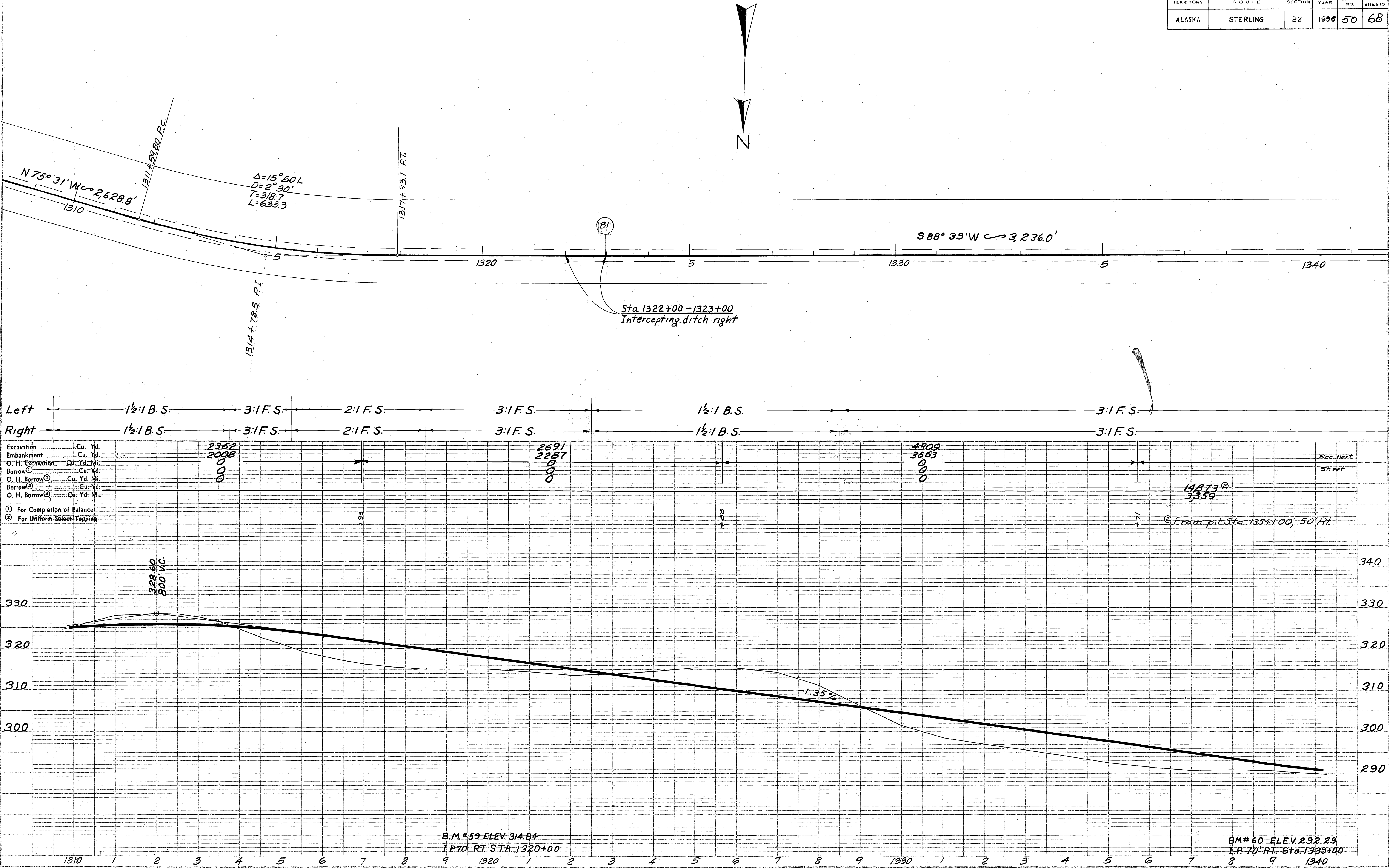




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	50	68

PLAN	DATE
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	

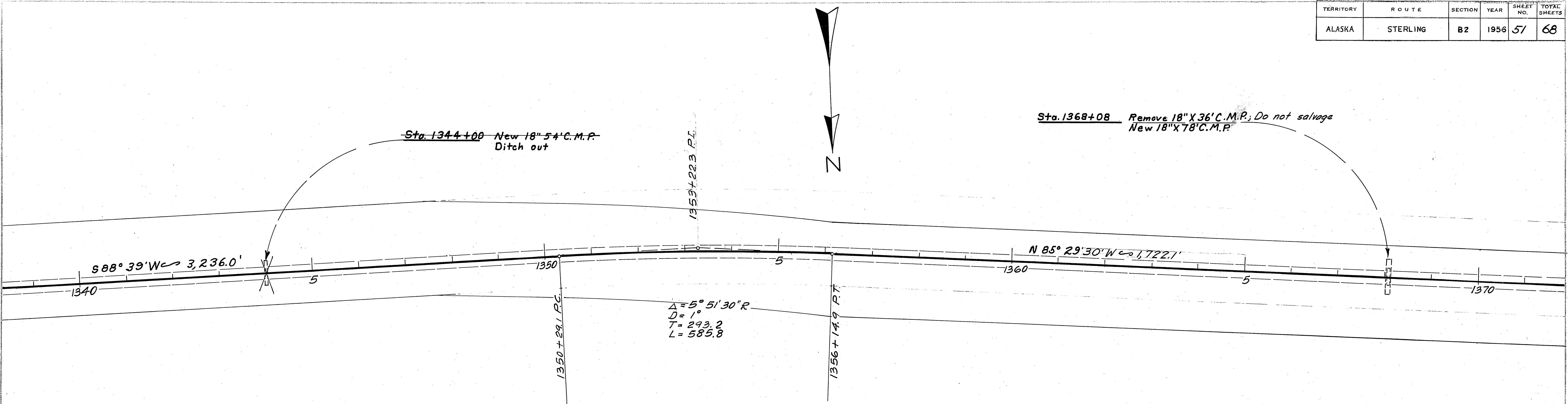
PROFILE	DATE
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
STRUCTURE NOTATIONS CH'ED.	
NO.	





TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	57	68

PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	ALIGNED CHECKED	
	RT. OF WAY CHECKED	
	NO.	

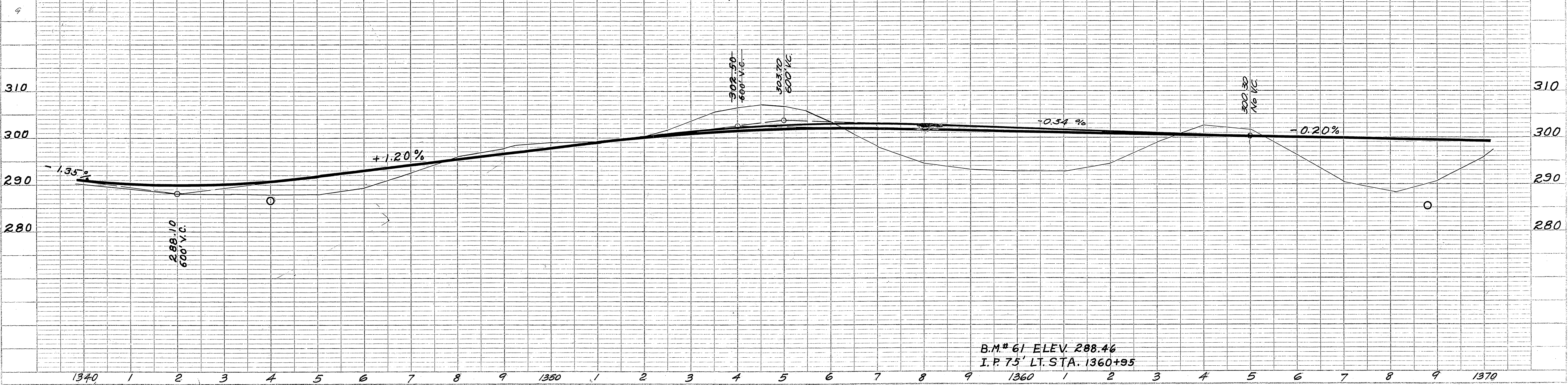


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Right	3:1 F.S.	1 1/2:1 B.S.	3:1 F.S.	1 1/2:1 B.S.	3:1 F.S.	2:1 F.S.	3:1 F.S.	1 1/2:1 B.S.	3:1 F.S.	1 1/2:1 F.S.

Excavation	Cu. Yd.	4031
Embankment	Cu. Yd.	3460
O. H. Excavation	Cu. Yd. Mi.	0
Borrow ①	Cu. Yd.	0
O. H. Borrow ①	Cu. Yd. Mi.	0
Borrow ②	Cu. Yd.	See Preceding Sheet
O. H. Borrow ②	Cu. Yd. Mi.	See Next Sheet

- ① For Completion of Balance
- ② For Uniform Select Topping

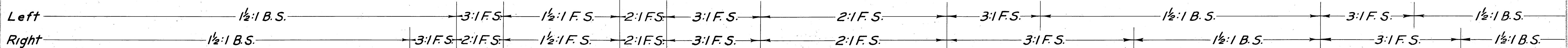
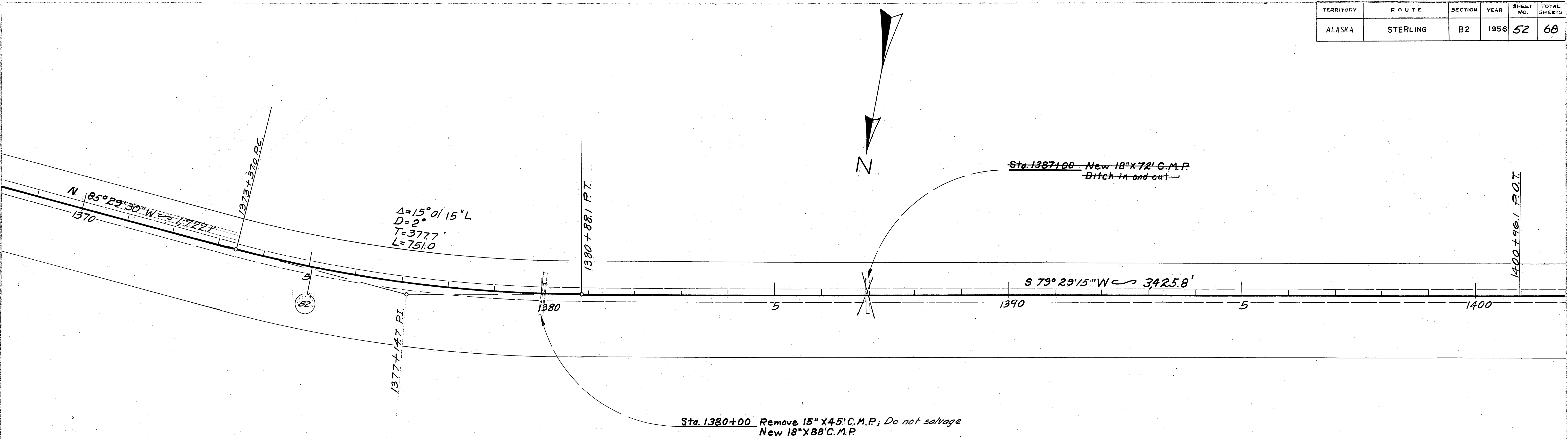
PROFILE	DESIGNED	DATE
	BY	
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHKD.	
	NO.	





TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	82	1956	52	68

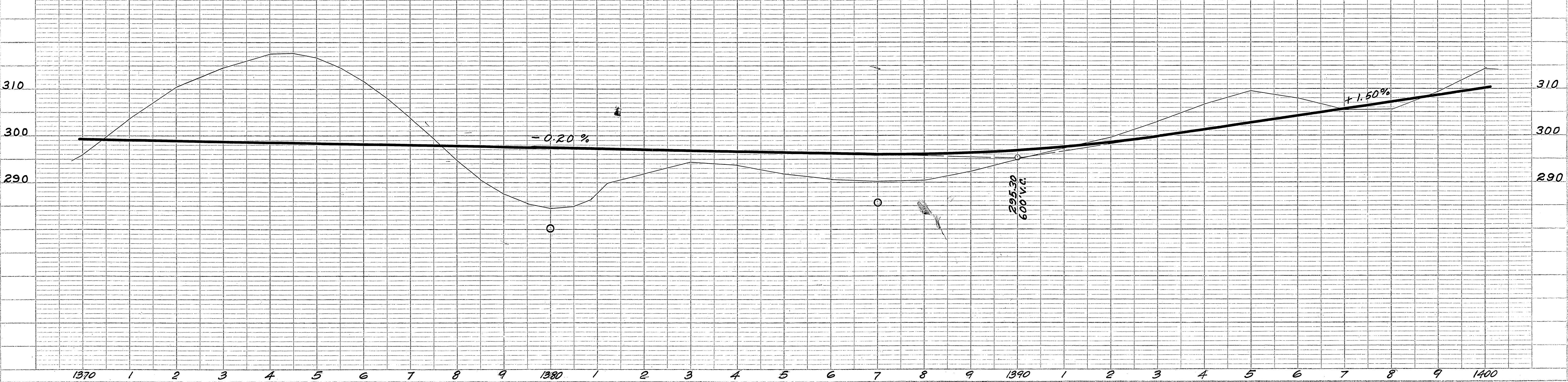
PLAN	DATE
BY	
STRIKED	
PLOTTED	
NOTE BOOK	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NO.	



Excavation	Cu. Yd.	See Preceding
Embankment	Cu. Yd.	Sheet
O. H. Excavation	Cu. Yd.	
Borrow	Cu. Yd.	
O. H. Borrow	Cu. Yd.	
Borrow	Cu. Yd.	
O. H. Borrow	Cu. Yd.	

- ① For Completion of Balance  
② For Uniform Select Topping

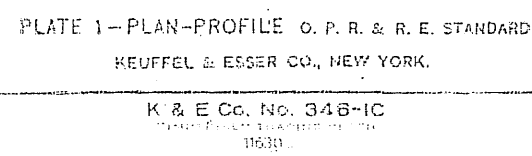
PROFILE	DATE
BY	
STRIKED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
NO.	





PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M'S NOTED		
	STRUCTURE NOTATIONS CHECKED		





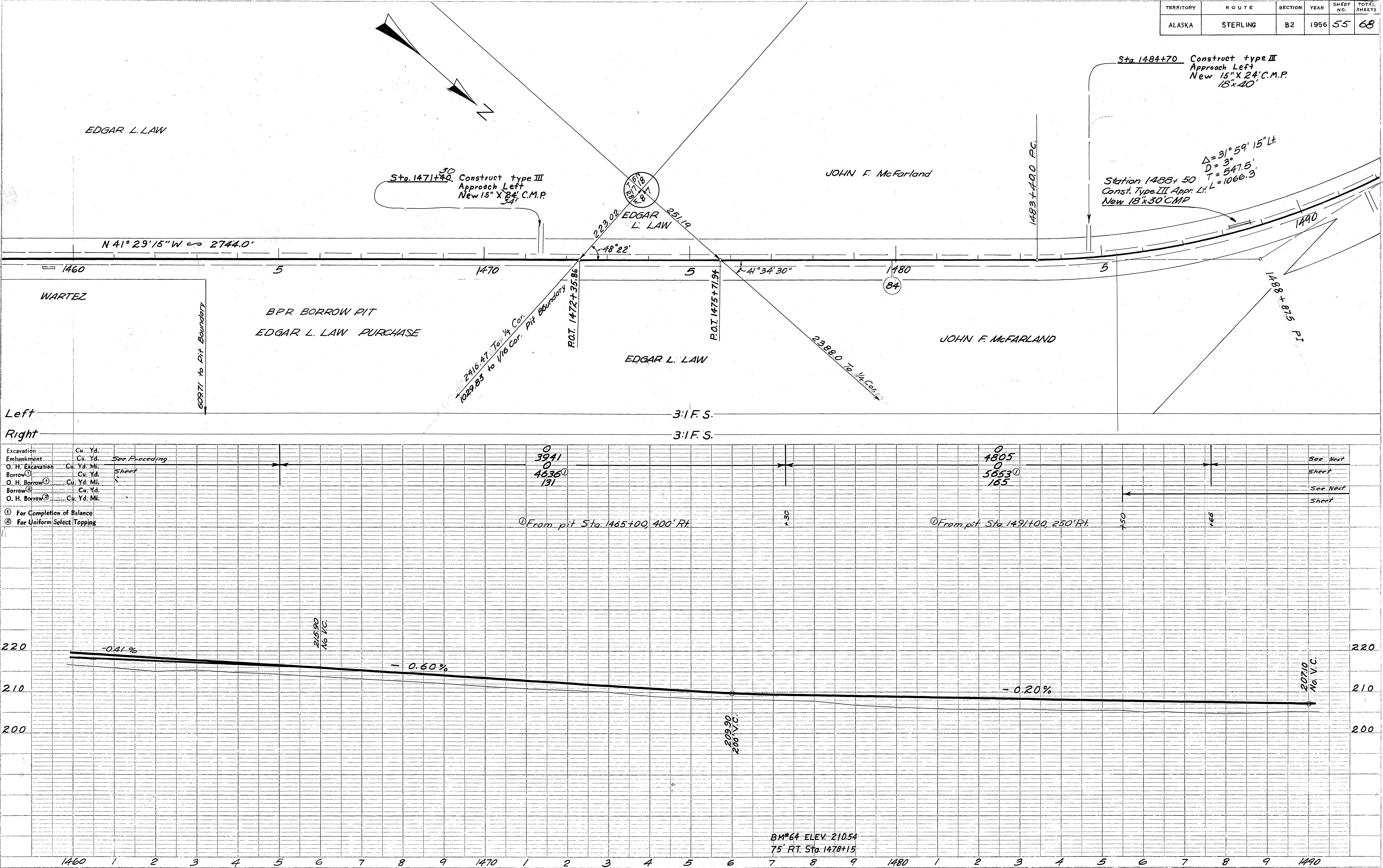




TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	55	68

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK ALIGNED CHECKED	
	RT. OF WAY CHECKED	
	NO.	

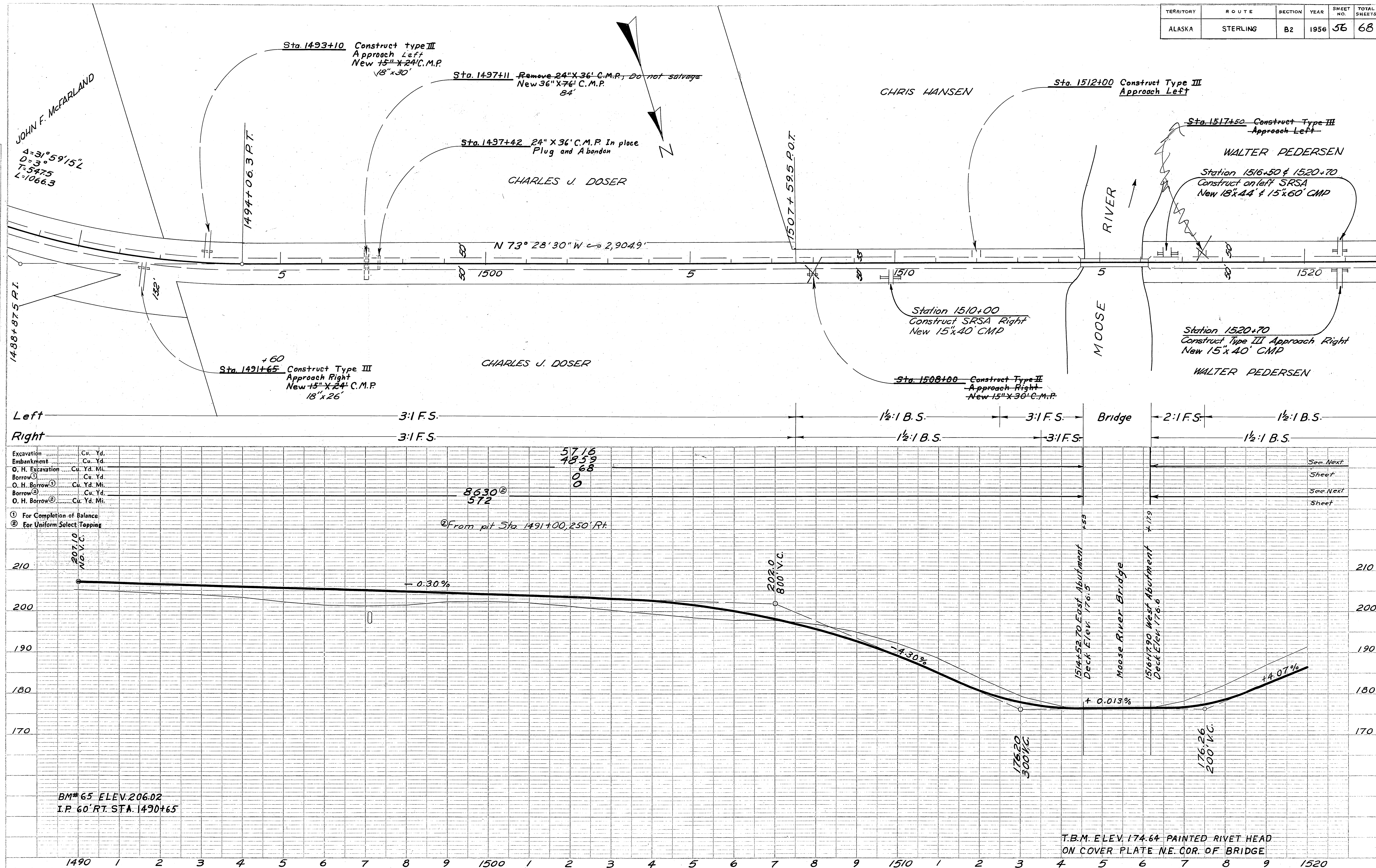
PROFILE	SURVEYED	DATE
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	NOTE BOOK	
	STRUCTURE NOTING CHD.	
	NO.	





PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK ALIGNMENT CHECKED			
NO.	RT. OF WAY CHECKED		

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRAPHIC CHECKED	
	B. M. S. NOTED	
	STRUCTURE NOTATIONS CHECKED	



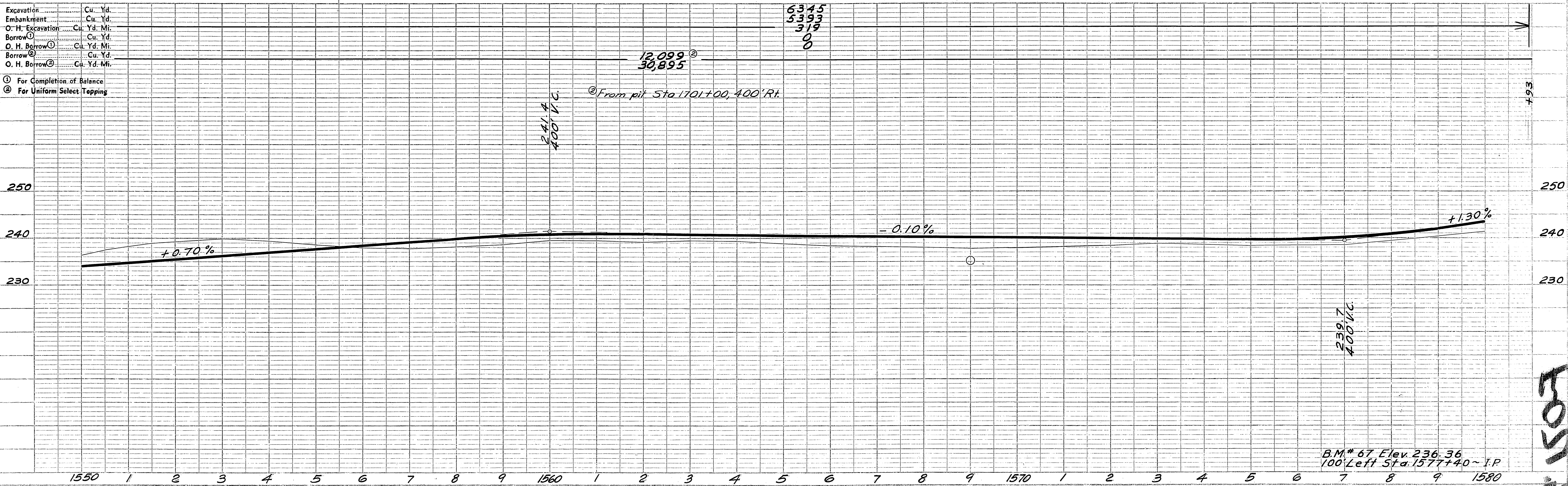
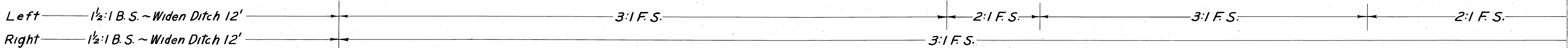
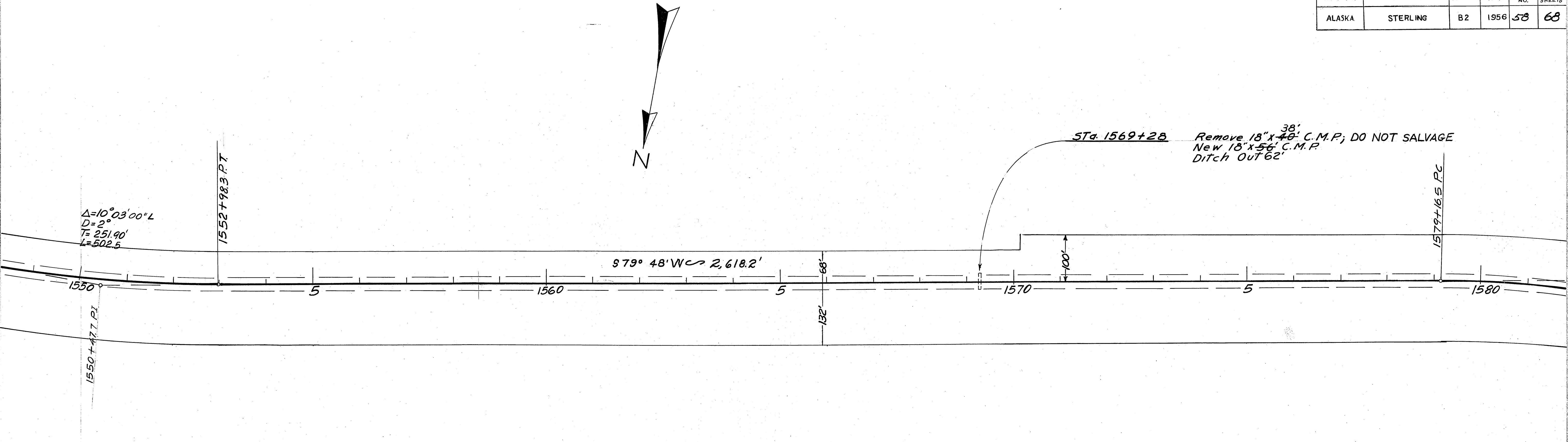






TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	58	68

PLAN	SURVISED	DATE
	PLOTTED	BY
	ALIGNED CHECKED	
	RT. OF WAY CHECKED	
NO.		



PROFILE	SURVISED	DATE
	PLOTTED	BY
	ALIGNED CHECKED	
	STRUCTURE NOTED AS CHKO.	
NO.		

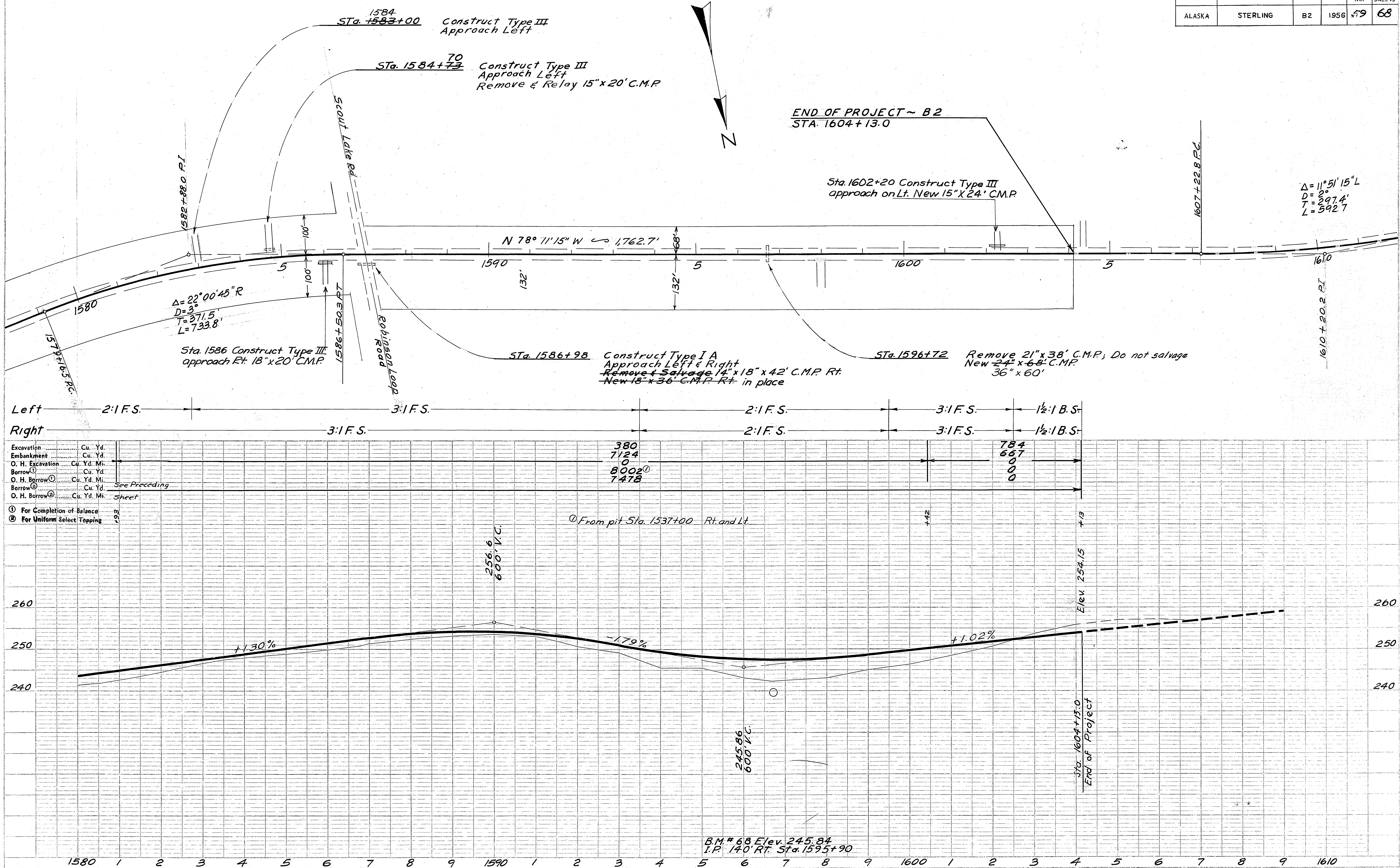
FOOTING  
A-2



TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STERLING	B2	1956	59	68

PLAN	SURVEYED	DATE
PLANNED	PLANNED	
NOTE BOOK	ALIGNED	CHECKED
NO.	BY	DATE

PROFILE	SURVEYED	DATE
PLANNED	PLANNED	
NOTE BOOK	ALIGNED	CHECKED
NO.	BY	DATE





LIST OF CULVERTS & MISCELLANEOUS WORK

STA- TION	DESCRIPTION	CULVERT LENGTH FEET	DO NOT REMOVE CULVERT OR SALVAGE	BORROW EXCAVATION	NEW CORRUGATED METAL PIPE					TERRITORY	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS			
					15"	18"	24"	36"	120"							STR. PLATE	BITUM. C. 24"	BITUM. C. 36"
217+00	New 24" x 78' C.M.P.; Ditch out.	24 500		16			78			ALASKA	STERLING	B2	1956	62	68			
226+00	New 24" x 52' C.M.P.	34					52											
232+44	New 24" x 114' C.M.P.	40		58			114											
238+40	New 24" x 92' C.M.P.	4		47			92											
245+39	New 24" x 88' C.M.P.	28		45			88											
247+55	New 24" x 82' C.M.P.	13		42			82											
250+00	New 24" x 64' C.M.P.	9		33			64											
257+61	New 24" x 62' C.M.P.	16		32			62											
259+00	New 24" x 66' C.M.P.	18		8			66											
266+35	New 24" x 48' C.M.P.	10		17			48											
279+00-289+00	Intercepting Ditch Left.	300																
289+00	New 24" x 52' C.M.P.; Ditch in and out.	10 13		16			52											
290+00-307+00	Intercepting Ditch Left.	500																
307+00	New 24" x 54' C.M.P.; Ditch in and out.	0 12					54											
332+00	New 24" x 50' C.M.P.; Ditch out.	9 300					50											
343+00	New 36" x 74' C.M.P. Bituminous Coated Ditch out.	44 30		64						74								
348+00	New 24" x 78' C.M.P.	26		40			78											
355+00	New 24" x 62' C.M.P.	24		32			62											
362+70	New 24" x 52' C.M.P.	20		27			52											
375+00	New 24" x 130' C.M.P.	60		66			130											
379+00	New 24" x 98' C.M.P.	37		50			98											
387+00	New 24" x 54' C.M.P.	48		17			54											
387+00-419+00	Intercepting Ditch Right	1000																
419+00	New 24" x 54' C.M.P.	18		28			54											
425+00	New 24" x 60' C.M.P.; Ditch out.	7 100		8			60											
438+00	New 24" x 70' C.M.P.	22		36			70											
460+00	New 24" x 56' C.M.P.; Ditch out.	29 200		29			56											
471+00	New 24" x 56' C.M.P.	20		17			56											
494+67	New 36" x 62' C.M.P.; Ditch out.	25 50		27			62											
513+00	New 36" x 80' C.M.P.; Ditch out.	30 20		54			80											
532+00	Intercepting Ditch Lt. and Rt.	500																
554+00	New 24" x 52' C.M.P.; Ditch out.	15 30		16			52											
554+00-502+00	Intercepting Ditches	1000																
582+00	New 24" x 62' C.M.P.; Ditch out.	9 50					62											
584+00-621+00	Intercepting Ditches.	1000																
* 621+67	New 36" x 68' C.M.P. Bituminous Coated; Ditch in and out.	69 40												68				
* 630+00	New 36" x 64' C.M.P. Bituminous Coated	59												64				
* 638+00	New 24" x 66' C.M.P. Bituminous Coated	33												66				
* 648+00	New 24" x 56' C.M.P. Bituminous Coated	35												56				
* 656+80	New 36" x 66' C.M.P. Bituminous Coated	67												66				
* 664+00	New 24" x 60' C.M.P. Bituminous Coated	43												60				
*Culverts shall not be laid in swampy until initial settlement has taken place.																		



## LIST OF CULVERTS &amp; MISCELLANEOUS WORK

STA- TION	DESCRIPTION	STRUCTURE EXCAVATION	ROADWAY EXCAVATION (DITCHES)	REMOVE & STOCKPILE CULVERT PIPE	REMOVE & RELAY CULVERT PIPE	DO NOT REMOVE	BORROW EXCAVATION	NEW CORRUGATED METAL PIPE					
								15"	18"	24"	36"	ST. R. 120"	BITUM. 24"
* 671+26	New 24" x 62' C.M.P. Bituminous Coated	43										62	
* 679+00	New 24" x 54' C.M.P. Bituminous Coated	45										54	
* 687+00	New 24" x 66' C.M.P. Bituminous Coated	76										66	
* 689+63	New 36" x 64' C.M.P. Bituminous Coated	93										64	
706+30	New 24" x 52' C.M.P.	1									52		
* 718+00	New 24" x 68' C.M.P. Bituminous Coated	101										68	
726+62	New 120" x 67' Structural Plate Pipe	164	300								67		
	Bituminous Coated; Ditch in and out												
* 731+00	New 24" x 64' C.M.P. Bituminous Coated	70										64	
750+00	New 24" x 54' C.M.P.	20					17			54			
764+00	New 24" x 60' C.M.P.	23					31			60			
767+00	New 24" x 64' C.M.P.	23					33			64			
787+00	New 24" x 66' C.M.P.	26					34			66			
791+90	New 24" x 74' C.M.P.	28					38			74			
800+00	New 24" x 66' C.M.P.	27					34			66			
805+00	New 24" x 88' C.M.P.	30					45			88			
815+00	New 24" x 84' C.M.P.	45					43			84			
826+00	New 24" x 74' C.M.P. Bituminous Coated	42					52			74			
834+00	New 24" x 60' C.M.P. Bituminous Coated	35					42			60			
850+00	New 24" x 60' C.M.P. Bituminous Coated	35					42			60			
869+00	New 24" x 54' C.M.P.	21					28			54			
875+00	New 24" x 58' C.M.P.	22					30			58			
889+00	New 24" x 84' C.M.P.	24					43			84			
906+00	New 24" x 62' C.M.P.; Ditch in.	24	50				32			62			
916+00-921+00	Intercepting Ditch Right.		300										
"14" 931+00	Construct Type I-A Approach Lt. New 24" x 24' C.M.P.; Ditch Out.	83	30				24	134		94			
"1" 1174+05.6	Remove 14"x18"x10' C.M.P.A. Do not salvage. New 18" x 56' C.M.P.	10					40	15		56			
1179+00	Construct Type II Approach Rt.						30						
1180+00	Remove 15" x 36' C.M.P. Do not salvage. New 18" x 66' C.M.P.	20					36	17		66			
1190+18	Remove 15" x 36' C.M.P. Do not salvage. New 18" x 70' C.M.P.	13					36	18		70			
1200+88	Remove 21" x 42' C.M.P. Do not salvage. New 24" x 72' C.M.P.	18					42	23		72			
1223+12	Remove 14"x18"x10' C.M.P.A. Do not salvage. New 18" x 68' C.M.P.; Ditch out.	16	3				40	18		68			
1250+00	Construct Type III Approach Rt.												
1264+70	Remove 18" x 36' C.M.P. Do not salvage. New 18" x 60' C.M.P.; Ditch out.	13	3				36	16		60			
1284+00	New 18" x 76' C.M.P.	28					20			76			
1296+00	New 18" x 66' C.M.P.; Ditch out.	24	2				17			66			
1322+00-1323+00	Intercepting Ditch Right		100										

\*Culverts shall not be laid in swamp until fill is completed to subgrade and initial settlement has taken place.

4-2

\*Culverts shall not be laid in swamp until fill is completed to subgrade and initial settlement has taken place.

TERRITORY  
ALASKAROUTE  
STERLINGSECTION  
B2YEAR  
1956SHEET  
NO. 63TOTAL  
SHEET 68



# LIST OF CULVERTS & MISCELLANEOUS WORK

STA- TION	DESCRIPTION	STRUCTURE EXCAVATION	ROADWAY EXCAVATION (DITCHES)	REMOVE & STOCKPILE CULVERT PIPE	REMOVE & RELAY CULVERT PIPE	DO NOT REMOVE CULVERT	BORROW EXCAVATION	NEW CORRUGATED METAL PIPE				
								15"	18"	24"	36"	BITUM. COATING
100+00	Repl 18" x 24" C.M.P.; ditch out.	9	2				5		54			
100+20	Remove 18" x 36" C.M.P. Do not salvage. Repl 18" x 24" C.M.P.	16		36			20		78			
100+40	Remove 18" x 48" C.M.P. Do not salvage. Repl 18" x 24" C.M.P.	24		48			23		68			
100+60	Repl 18" x 72" C.M.P.; ditch in and out.	56	4				19		72			
100+80	Remove 18" x 48" C.M.P. Do not salvage. Repl 18" x 70" C.M.P.; ditch out.	2	5	46			7		70			
100+90	Remove 18" x 36" C.M.P. Do not salvage. Repl 24" x 72" C.M.P.; ditch out.	2	10	36			24		76			
101+00	18" x 24" C.M.P. in place. Flag and abandon.											
101+20	Construct Type III Approach It. Repl 18" x 36" C.M.P.						52			20		
101+40	Construct Type III Approach It. Repl 18" x 24" C.M.P.						50			30		
101+60	Construct Type III Approach It. Repl 18" x 24" C.M.P.						42			24		
101+80	Construct Type III Approach It. Repl 18" x 24" C.M.P.						47			24		
102+00	Construct Type III Approach It. Repl 18" x 24" C.M.P.			20			25					
102+20	Construct Type III Approach It. Repl 18" x 24" C.M.P.			20			42			20		
102+40	Construct Type III Approach It. Repl 18" x 24" C.M.P.						54			24		
102+60	Construct Type III Approach It. Repl 18" x 24" C.M.P.						49			24		
102+80	Construct Type III Approach It. Repl 18" x 24" C.M.P.			72			45			24		
103+00	Construct Type III Approach It. Repl 18" x 24" C.M.P.			26			32			76		
103+20	Construct Type III Approach It. Repl 18" x 24" C.M.P.											
103+40	Construct Type III Approach It. Repl 18" x 24" C.M.P.			8			3			30		
103+60	Construct Type III Approach It. Repl 18" x 24" C.M.P.											
103+80	Construct Type III Approach It. Repl 18" x 24" C.M.P.						16			32		
104+00	Standard Roadside Service Approach L-4.	20					200					
104+20	Construct Type III Approach It. Repl 18" x 24" C.M.P.						40			72		
104+40	Construct Type III Approach It. Repl 18" x 24" C.M.P.			36			35			76		
104+60	Construct Type III Approach It. Repl 18" x 24" C.M.P.						42					
104+80	Construct Type III Approach It. Repl 18" x 24" C.M.P.						44					



LIST OF CULVERTS & MISCELLANEOUS WORK

STA-TION	DESCRIPTION	STRUCTURE EXCAVATION	ROADWAY EXCAVATION	REMOVE & STOCKPILE CULVERT PIPE	REMOVE & RELAY CULVERT PIPE	REMOVE DO NOT CULVERT SALVAGE	BORROW EXCAVATION	NEW CORRUGATED METAL PIPE						
								15"	18"	24"	36"	120" STR. PL.	24" BITUM.C	36" BITUM.C
1586+98	Construct Type I-A Approach It. and Rt. Remove and salvage 14"x18"x12' C.M.P. Rt. New 18" x 36' C.M.P. Rt.	20	1/2				15	36						
1596+72	Remove 21" x 38' O.M.P. Do not salvage. New 24" x 60' C.M.P.	10				38	9	68						
TOTALS		3263	14556	82	60	748	9865	360	994	4994	622	67	690	336