

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
REGION 10

PLAN AND PROFILE  
PROPOSED HIGHWAY PROJECT  
NO. FH 1-1 (2)  
GRADING, DRAINAGE & BRIDGE  
ALASKA FOREST HIGHWAY  
TONGASS HIGHWAY  
TONGASS NATIONAL FOREST  
ALASKA

STATE	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	FH 1	1	1962	1	39

INDEX OF SHEETS

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4 - 10	ESTIMATED QUANTITIES SHEETS
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Field investigation soils reports of the foundation materials and detailed cross sections for this project are available for inspection in the Federal Highway Projects Office, Region 10, Bureau of Public Roads in Juneau, Alaska.

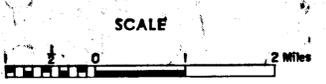
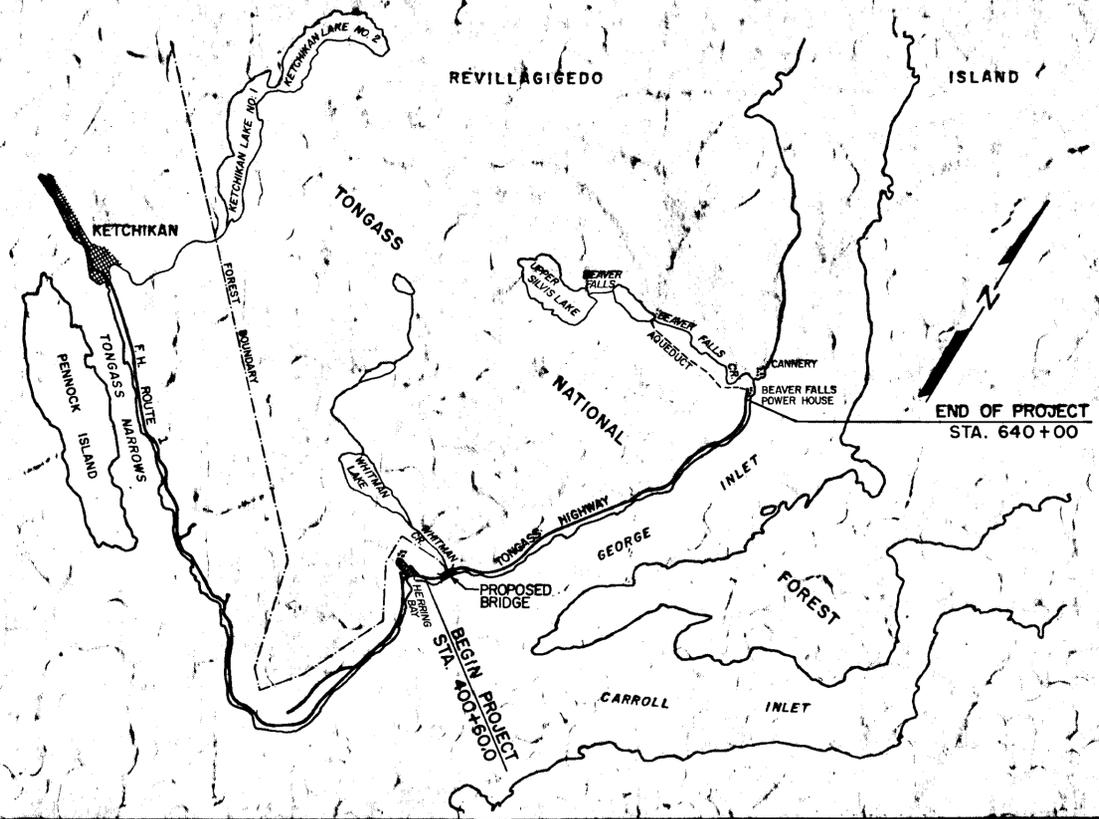
PROJECT SUMMARY - 23,772.4' = 4.503

WIDTH OF SUBGRADE	28'
LENGTH OF GRADING & DRAINAGE	<del>23,772.4</del> = 4.504 Mi.
LENGTH OF BRIDGE	146.0' = .027 Mi.
TOTAL LENGTH OF PROJECT	<del>23,925.3</del> = 4.531 Mi.
	23,918.4 = 4.530

TYPE 0011 IMPROVEMENT  
and  
TYPE X041 IMPROVEMENT

DESIGN DESIGNATION

ADT (1960)	221
ADT (1980)	900
DHV (20%)	180
D	60%
T	16%
V	40%



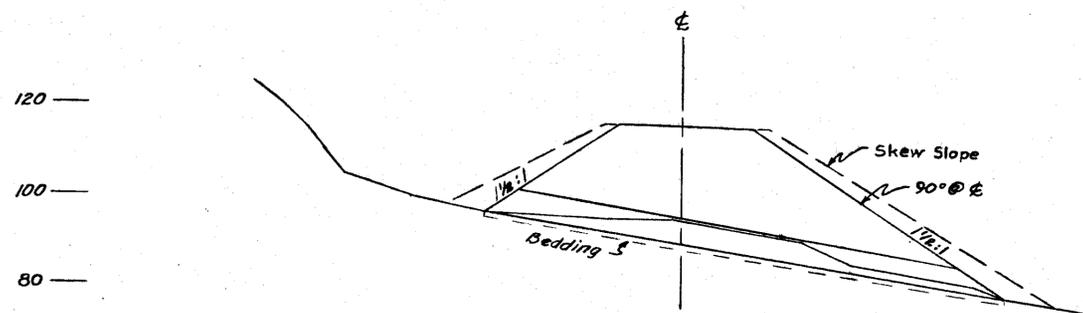
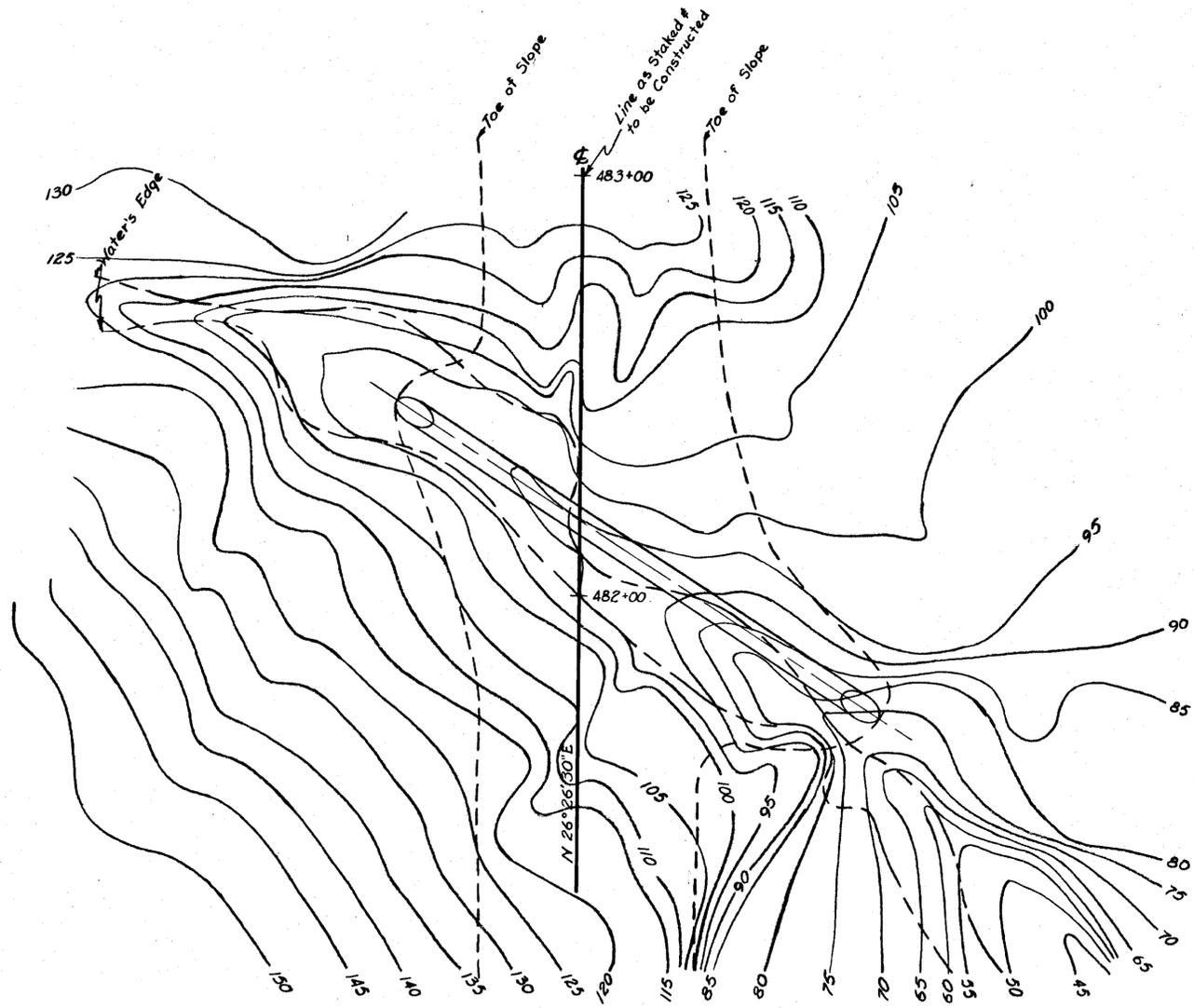
CONVENTIONAL SIGNS

SECTION LINE	—
CULVERT	—
LITTY POLE	—
LINE	—
TO BE CONSTRUCTED	—
LE POST	—
RIGHT OF WAY LINE	—
GRAVELED WAY	—
CONV. MONUMENTS	—

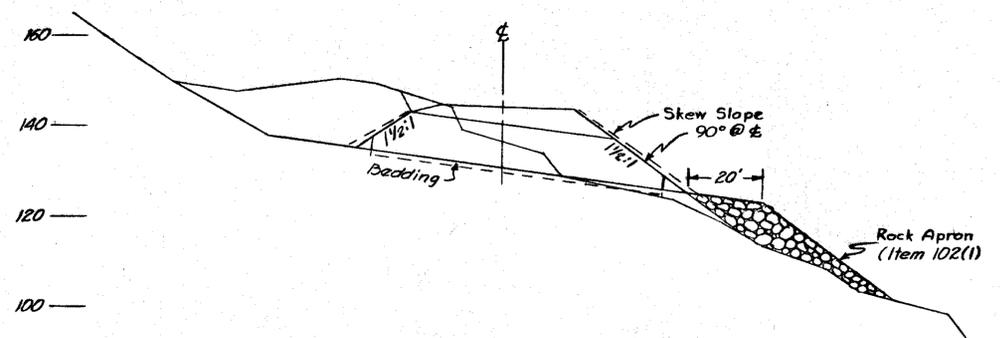
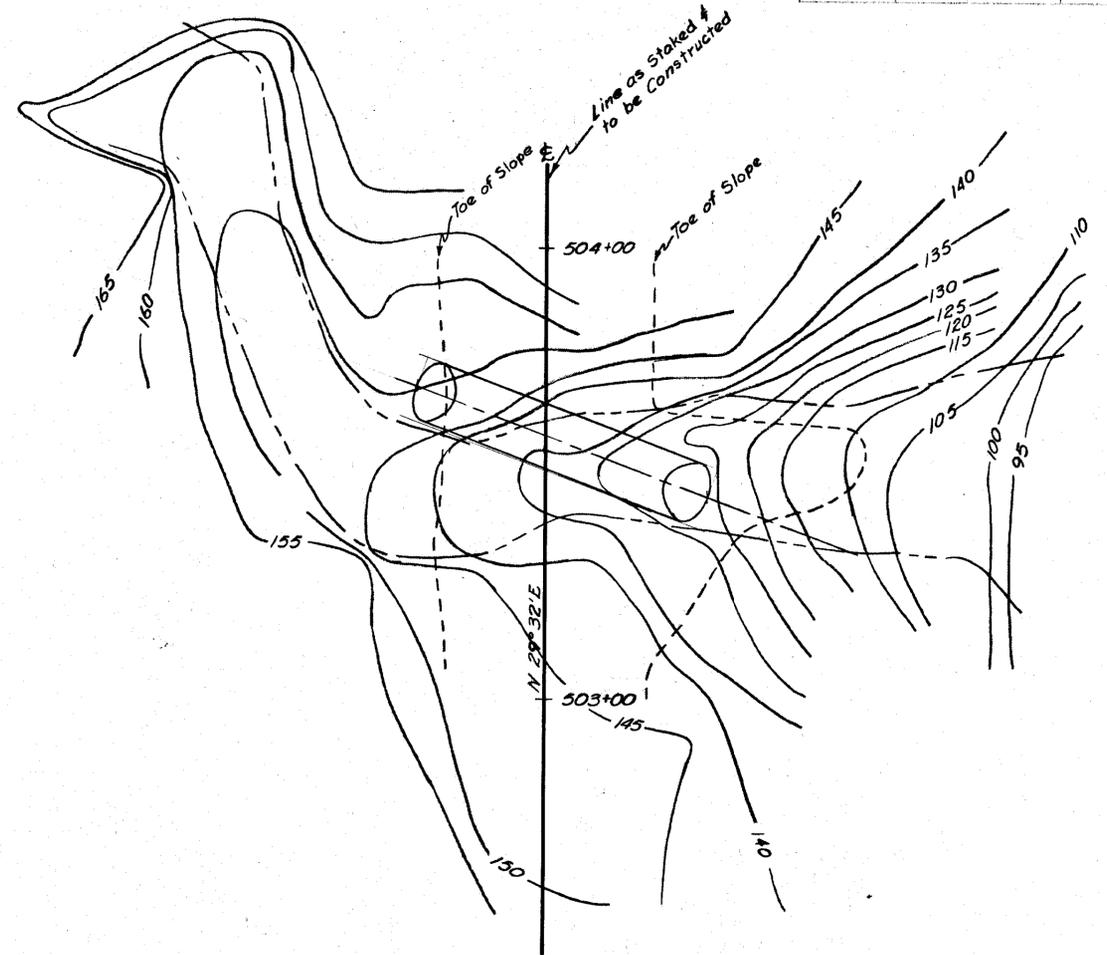
**AS BUILT PLANS**  
JAN 26 1965  
Signed Resident Engineer Date

APPROVED  
*Richard Johnson* Date 4/27/62  
REGIONAL ENGINEER  
BUREAU OF PUBLIC ROADS  
REGION TEN

STATE	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	FH 1	1	1962	12	33

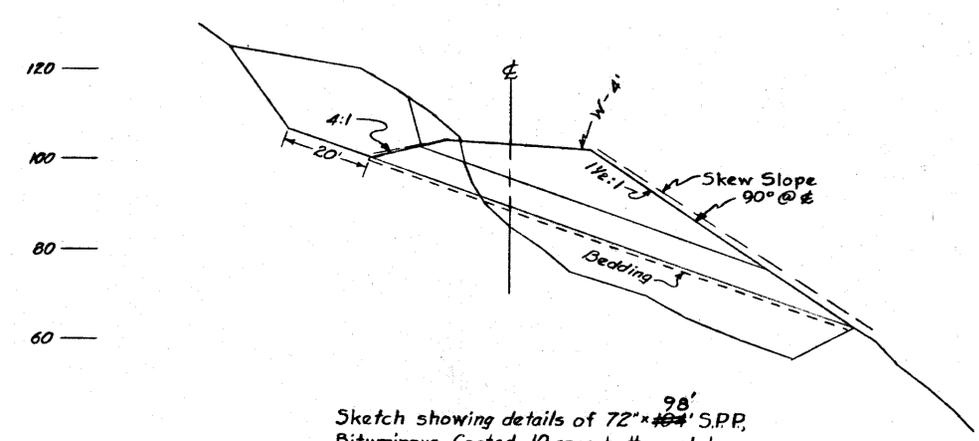
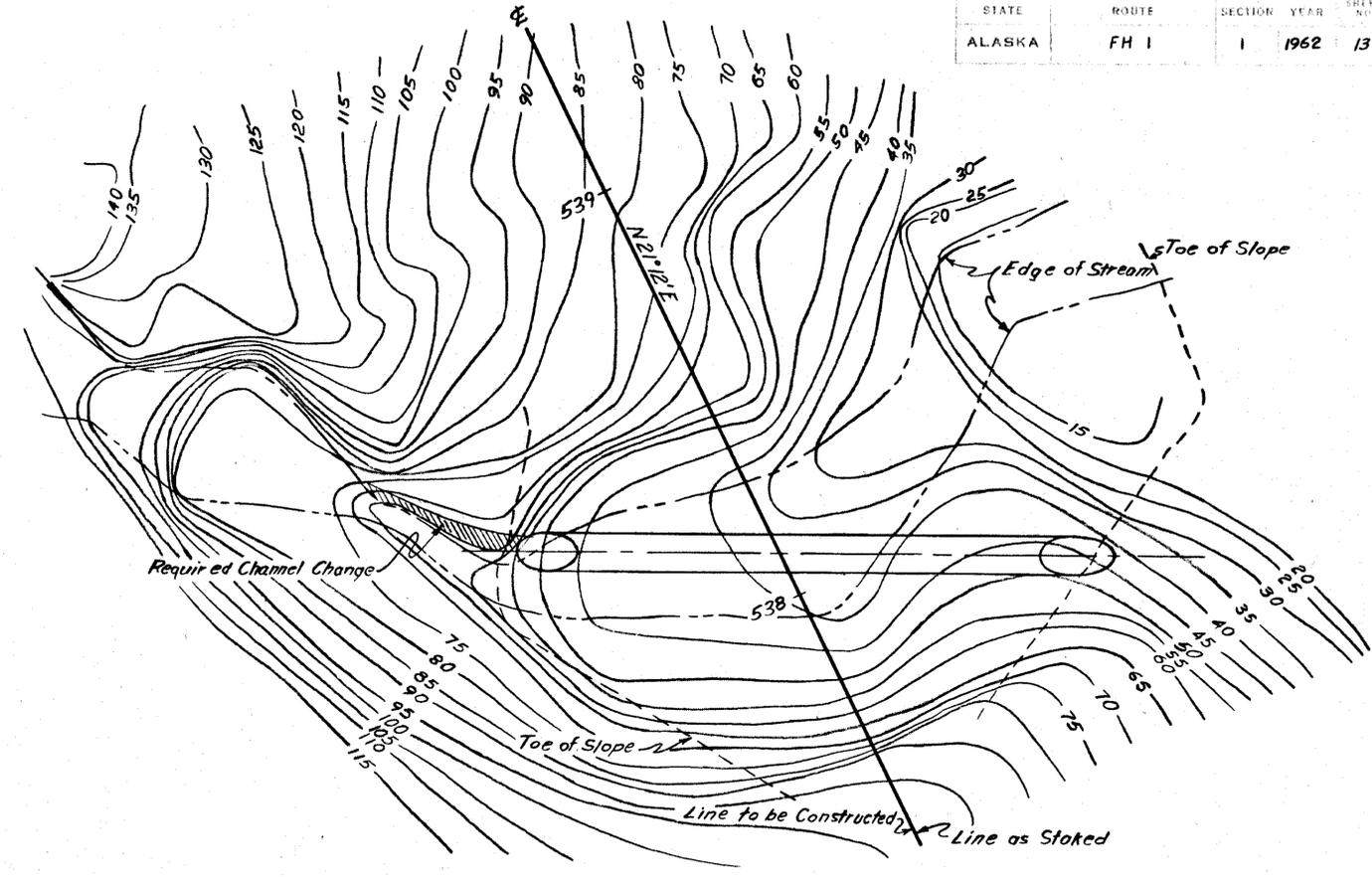
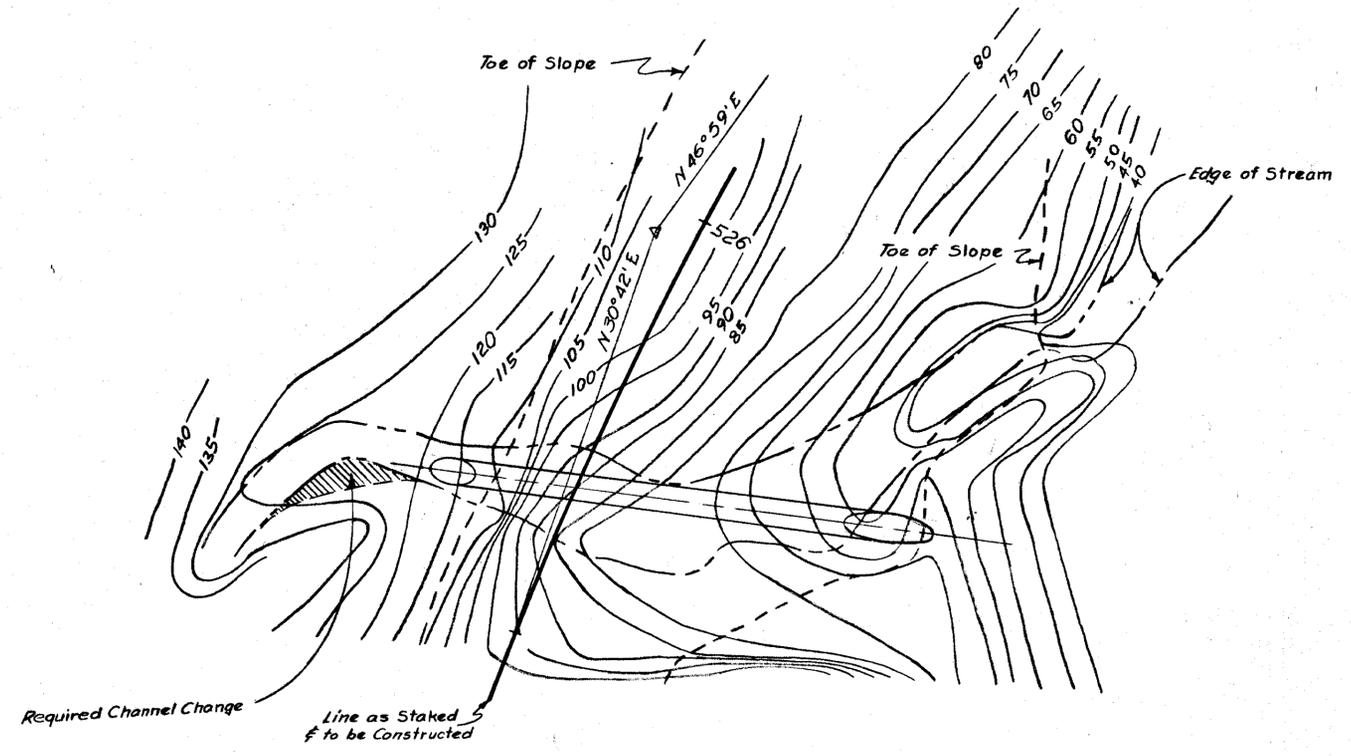


Sketch showing details of  $72' \times 142'$  Bituminous Coated S.P.P., 10 gage bottom plates, 12 gage top & side plates, to be installed at Sta. 482+17. Skew approx.  $32^\circ$  Lt. ahd., bevel at both ends.

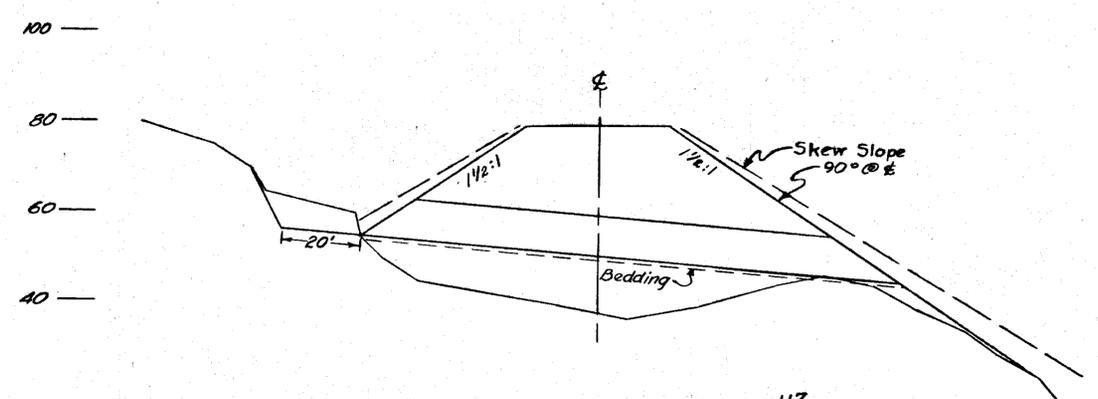


Sketch showing details of  $14'-1" \times 8'-9" \times 74'$  Bituminous Coated S.P.P.A., to be installed at Sta. 503+61 ~~Sta. 503+60~~, 7 gage, bevel at both ends, skew approx.  $20^\circ$  Lt. ahd.

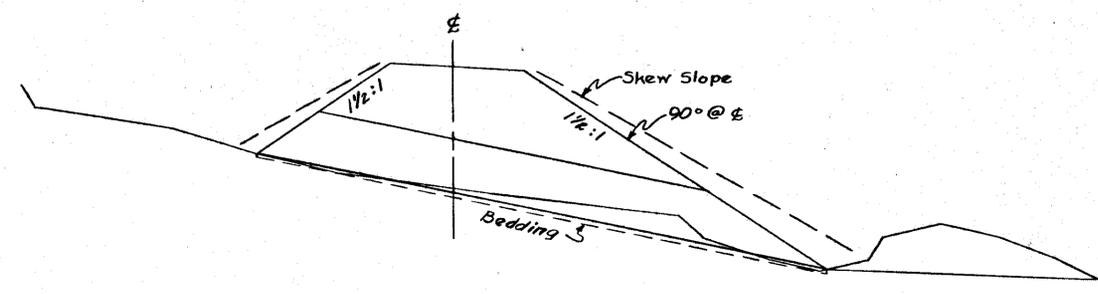
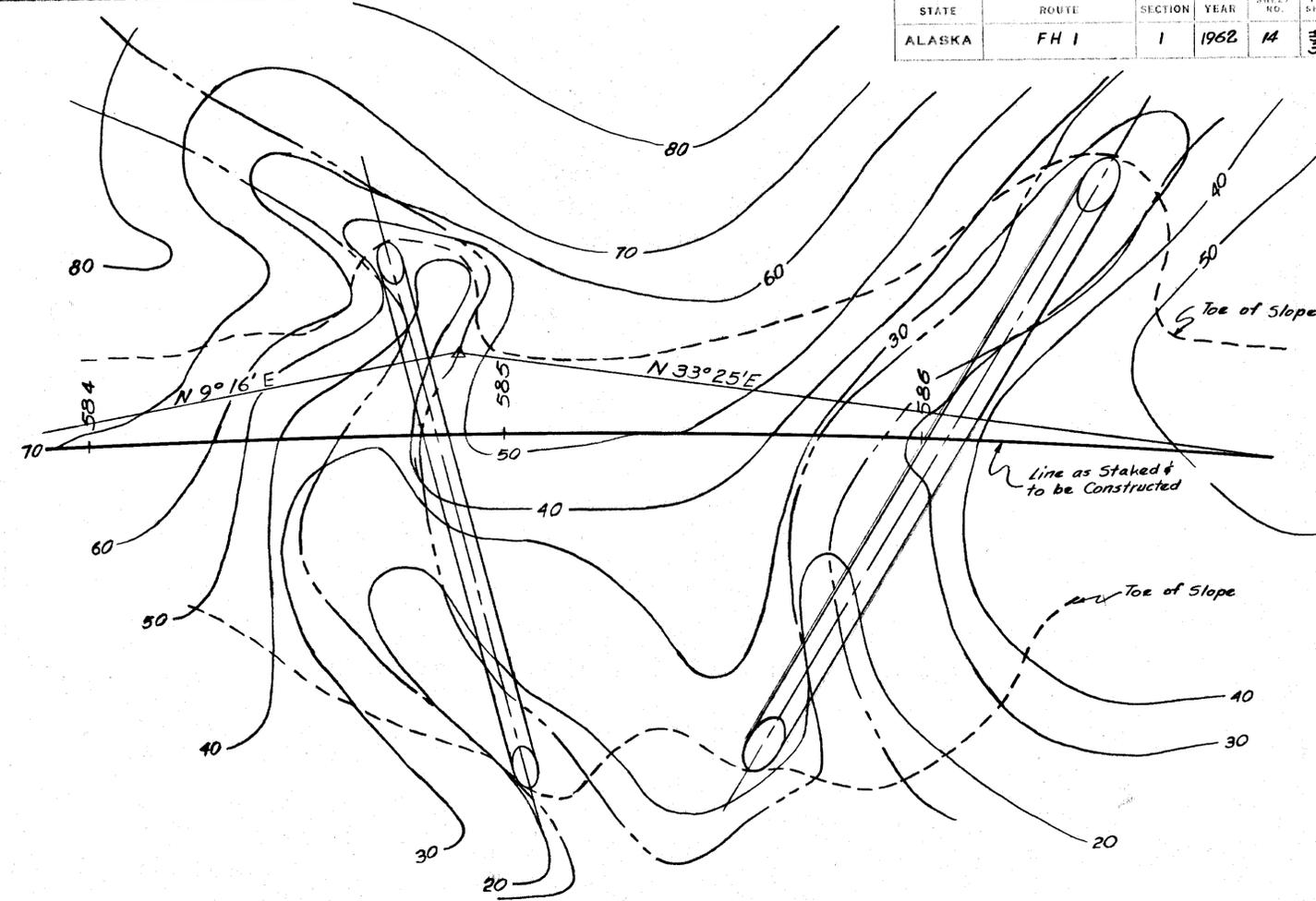
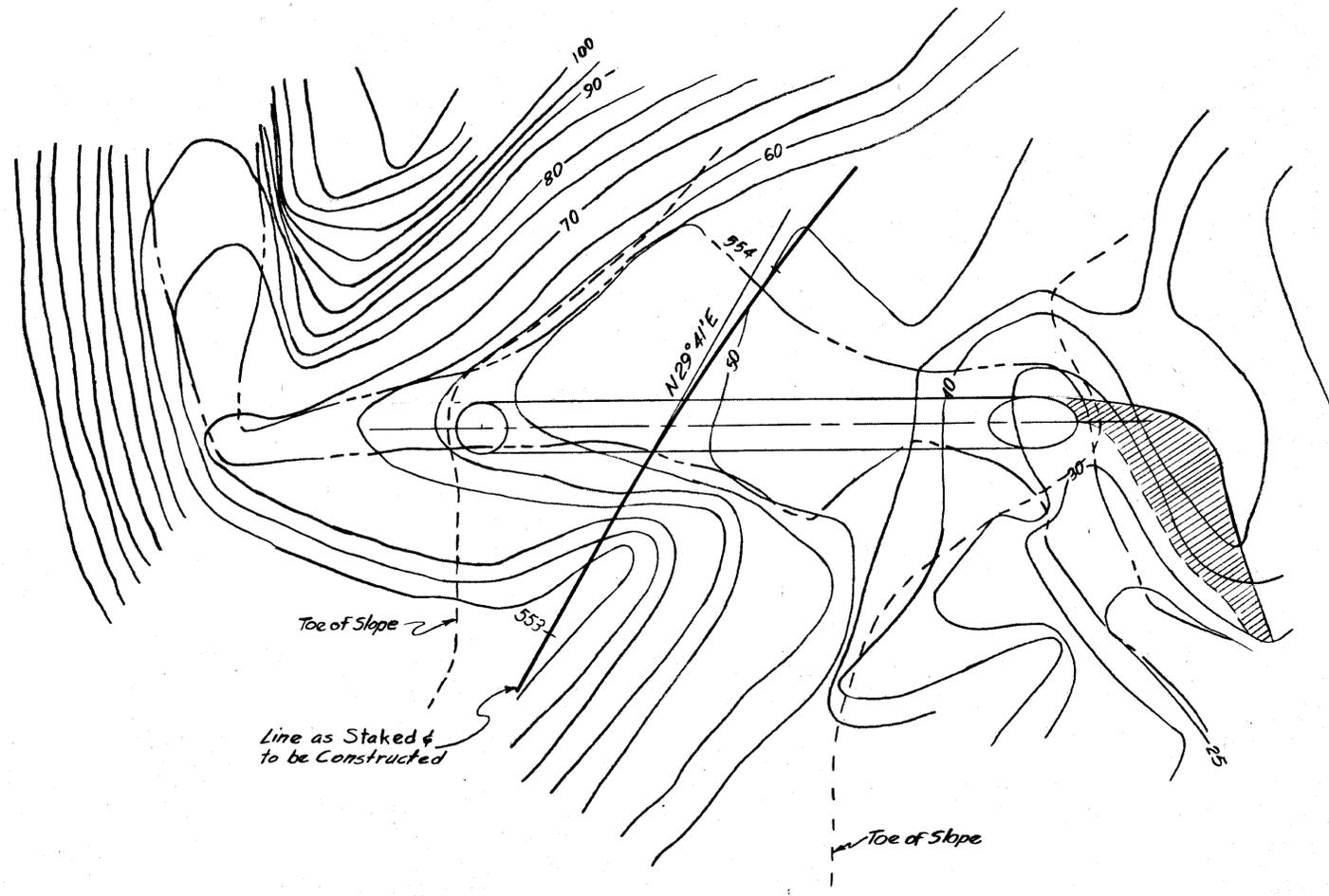
**AS BUILT PLANS**  
 Signed Resident Engineer  
 Date JAN 26 1965



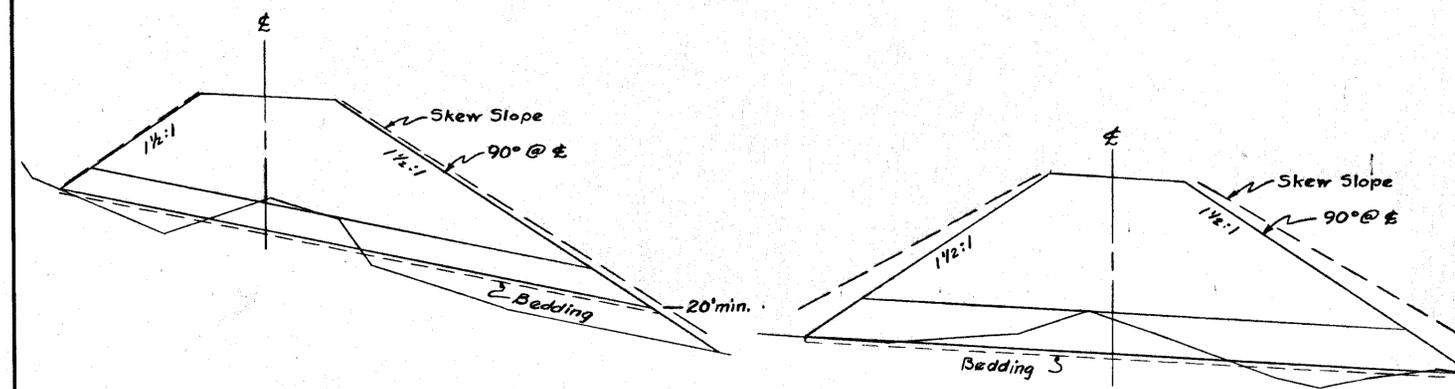
Sketch showing details of 72' x ~~98'~~ 98' S.P.P. Bituminous Coated, 10 gage bottom plates, 12 gage top & side plates, to be installed at Sta. 525+35, Skew 17° Rt. ahd.



Sketch showing details of 108' x ~~117'~~ 117' Bituminous Coated S.P.P., 8 gage bottom plates, 10 gage top & side plates, to be installed at Sta. 538+~~40~~, bevel both ends, skew approx. 26° Lt. ahd.

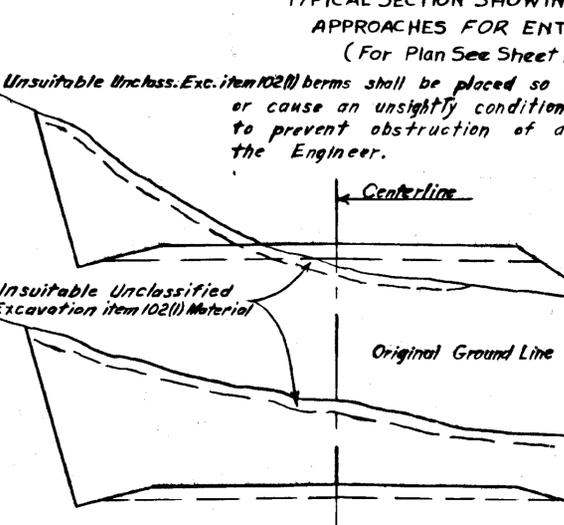
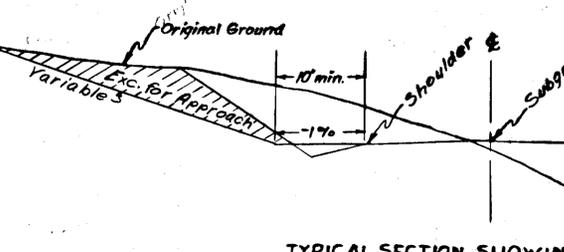
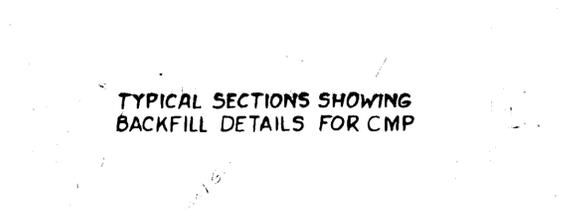
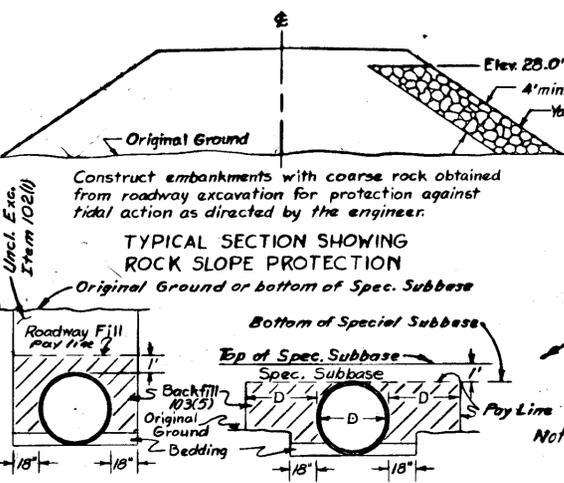


Sketch showing details of 144" x 112" S.P.P., Bituminous Coated, 8 gage bottom plates, 10 gage top & side plates, to be installed at Sta. 553+88. Skew approx 30° Rt. ahd., bevel both ends.

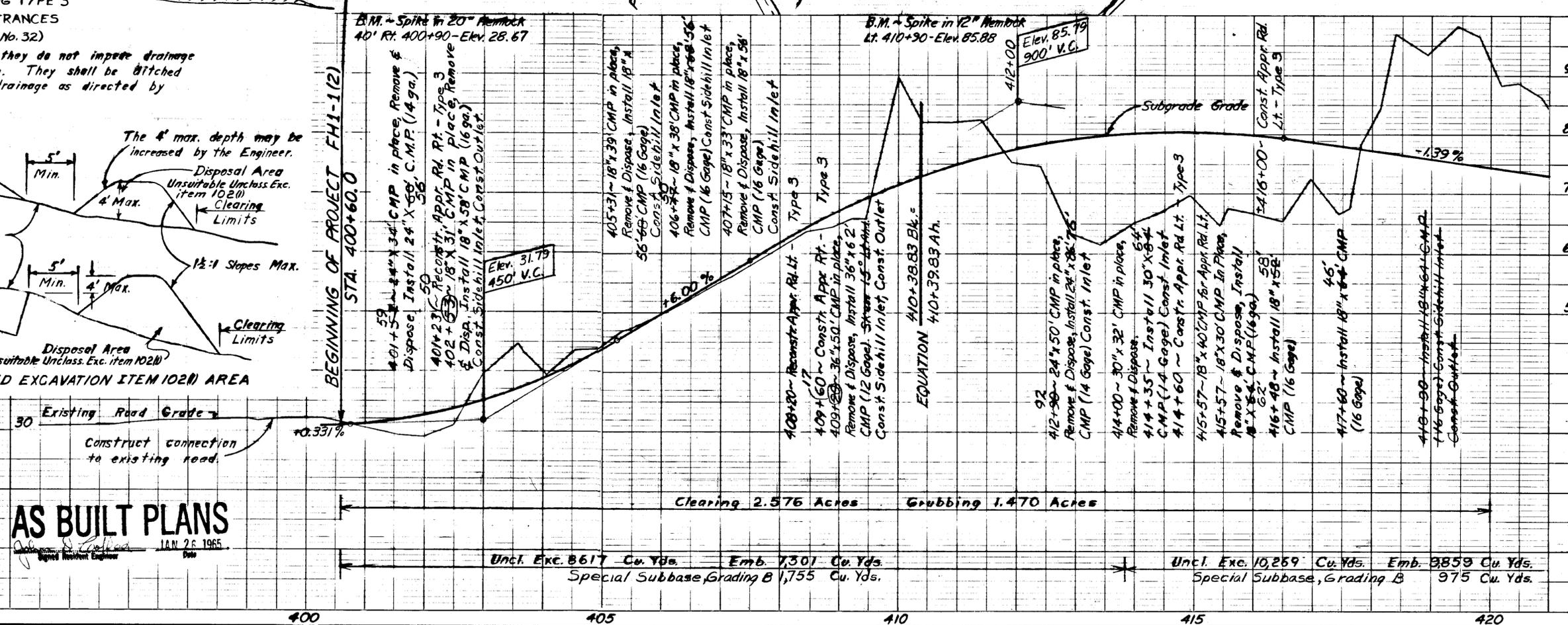
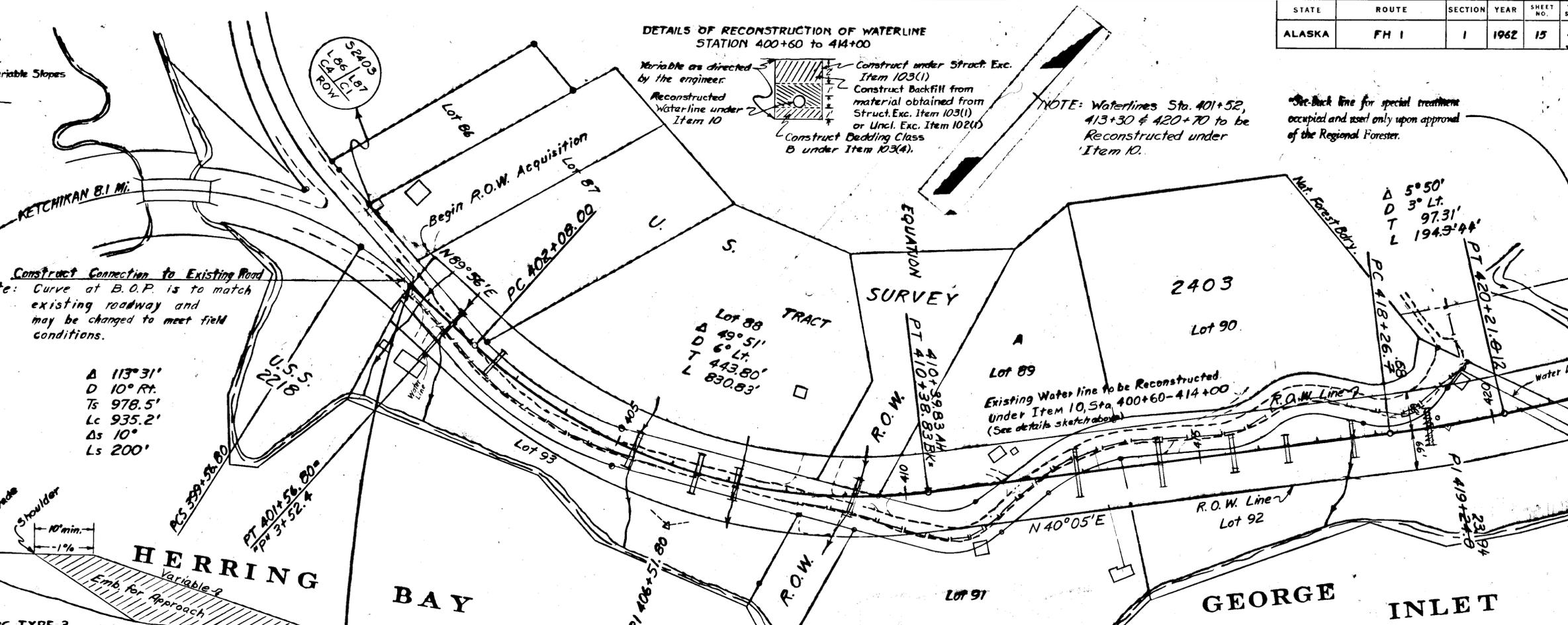


Sketch showing details of 72" x 116" S.P.P., Bituminous Coated, 10 gage bottom plates, 12 gage top & side plates, to be installed at Sta. 584+84. Skew approx. 14° Rt ahd., bevel both ends.

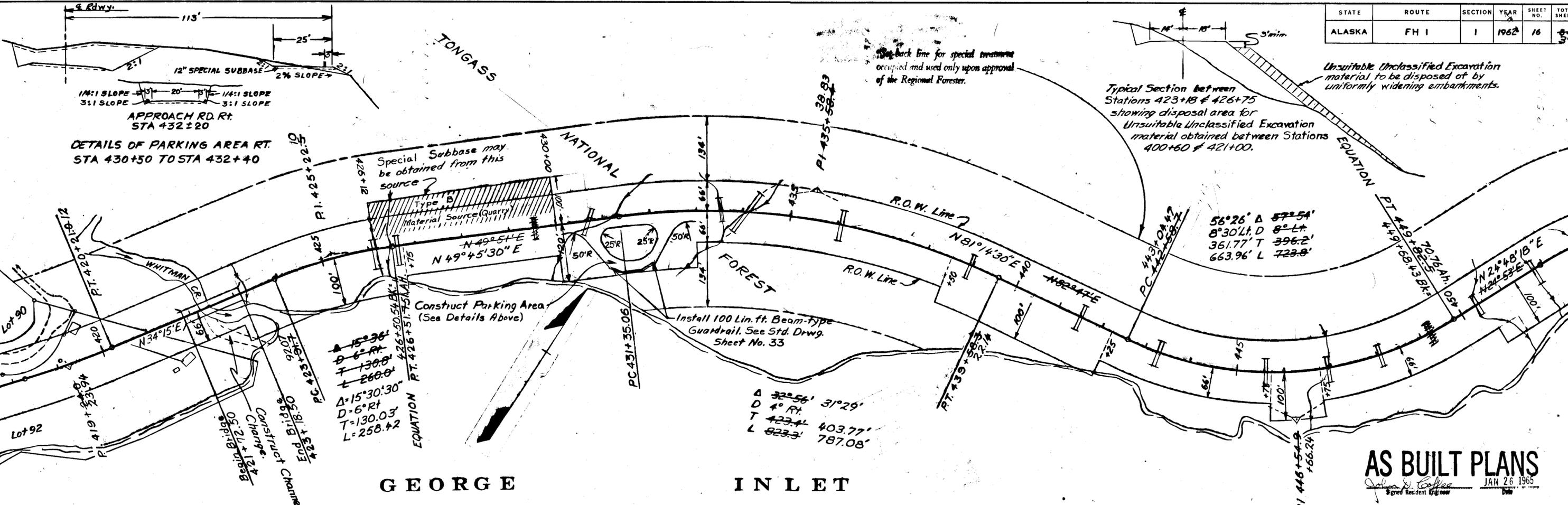
Sketch showing details of 108" x 141" S.P.P., Bituminous Coated, 8 gage bottom plates, 10 gage top & side plates, to be installed at Sta 586+88. Skew approx. 30° Lt ahd., bevel both ends.



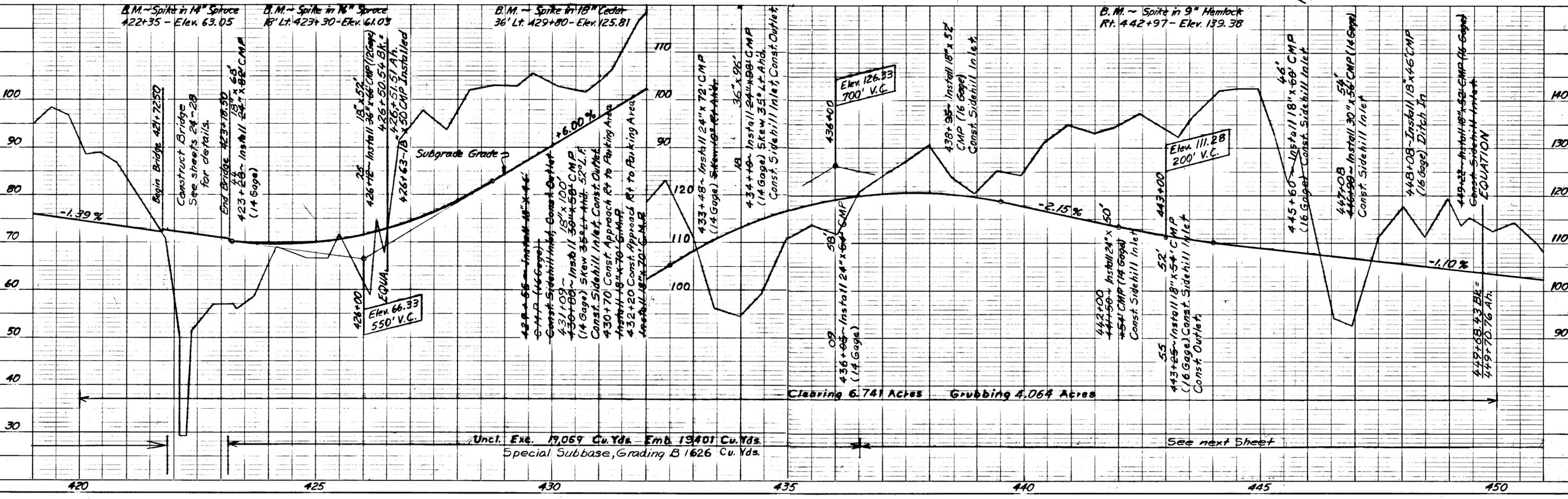
**AS BUILT PLANS**  
 JAN 26 1965  
 Special Subbase Grading B 1,755 Cu. Yds.



STATE	ROUTE	SECTION	YEAR	SHEET NO.	TOT SHE.
ALASKA	FH 1	1	1962	16	18



**GEORGE INLET**

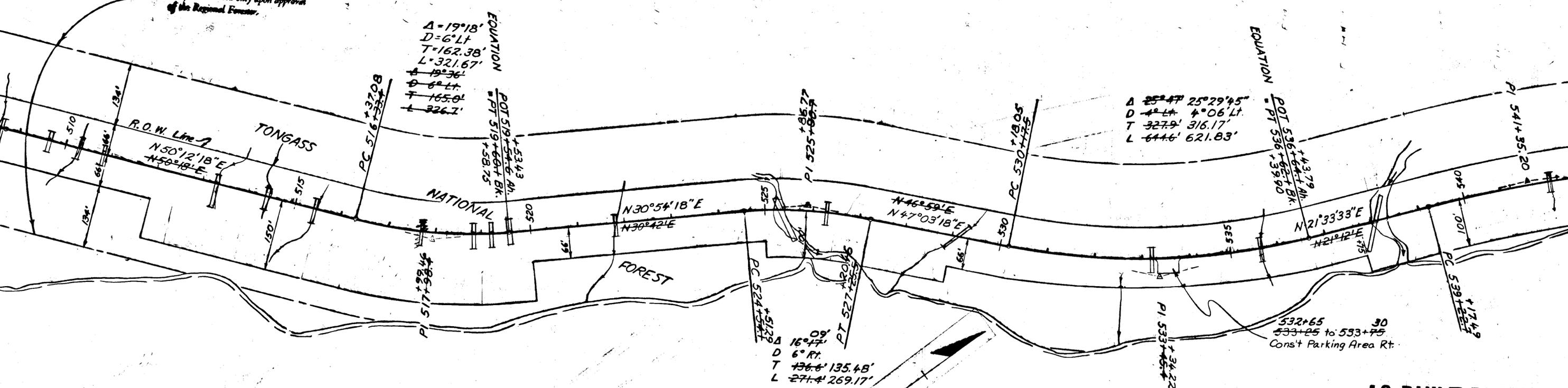






STATE	ROUTE	SECTION	YEAR	SHEET NO.	TOT SHE.
ALASKA	FH 1	1	1962	19	3

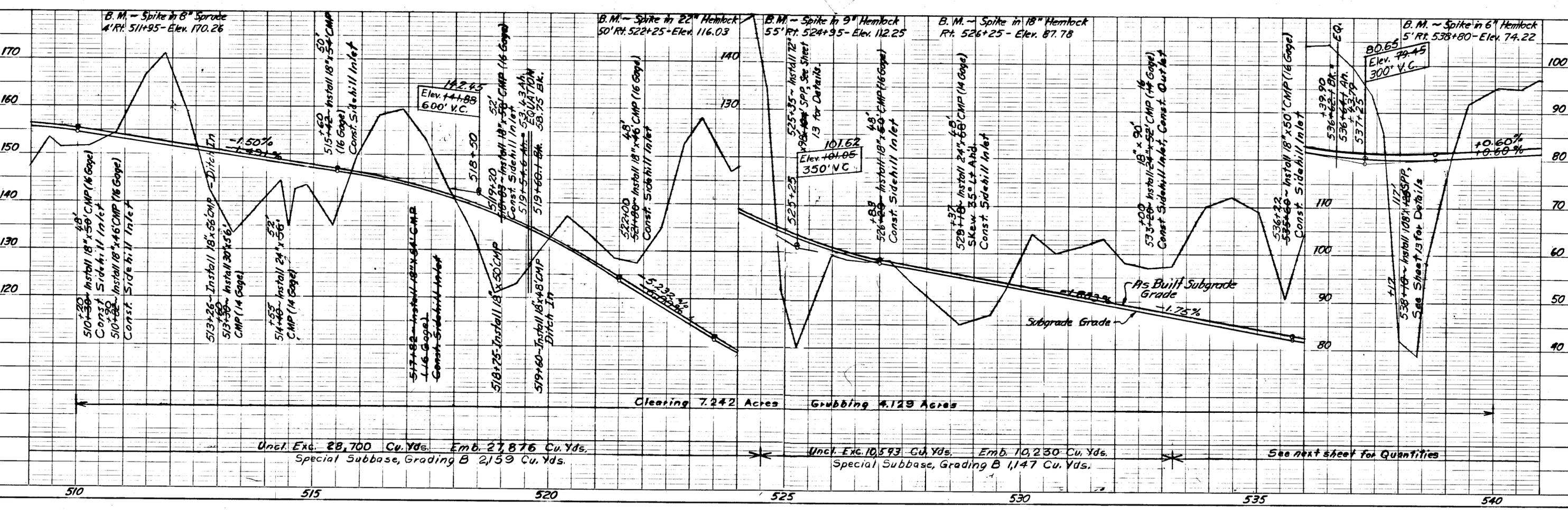
Back line for special treatment occupied and used only upon approval of the Regional Forester.



G E O R G E

I N L E T

**AS BUILT PLANS**  
 Signed Resident Engineer  
 JAN 26 1965  
 Date



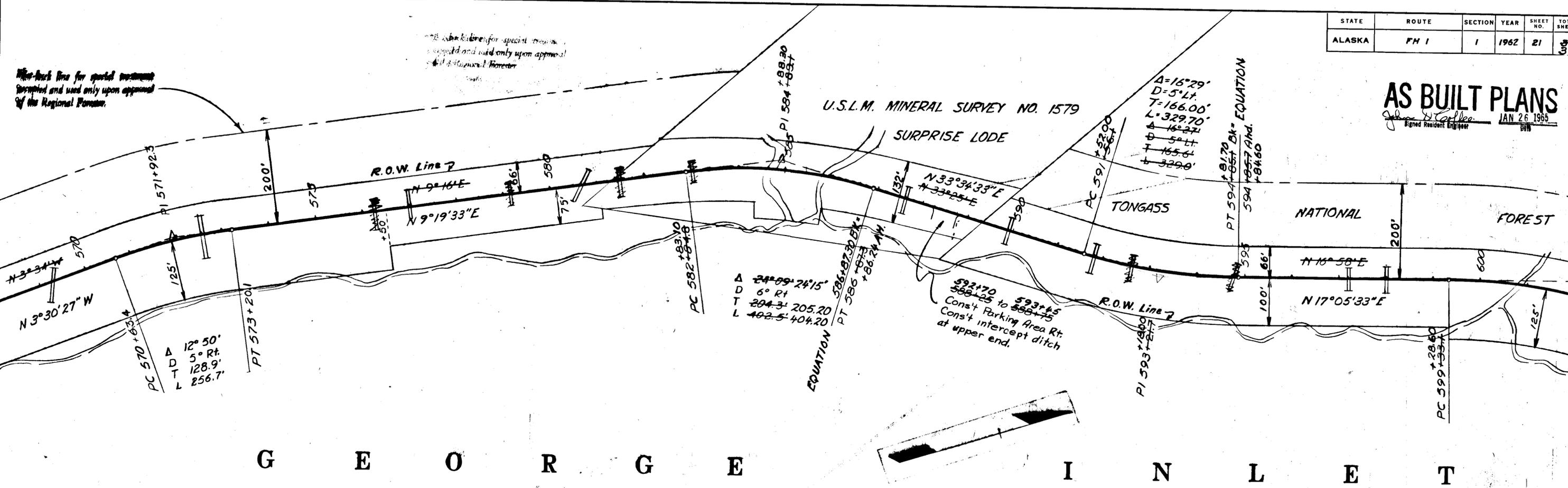


STATE	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	PH 1	1	1962	21	35

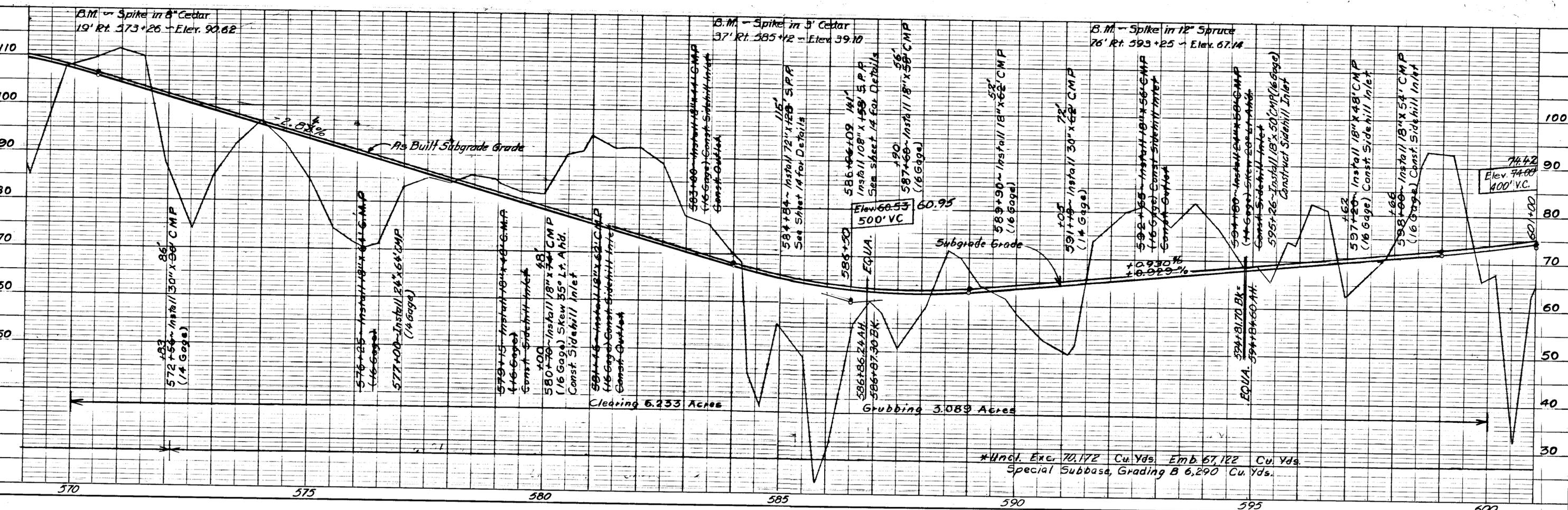
**AS BUILT PLANS**  
 Signed Resident Engineer  
 JAN 26 1965

Use back line for special treatment  
 proposed and used only upon approval  
 of the Regional Forester.

Use back line for special treatment  
 proposed and used only upon approval  
 of the Regional Forester.



**G E O R G E I N L E T**



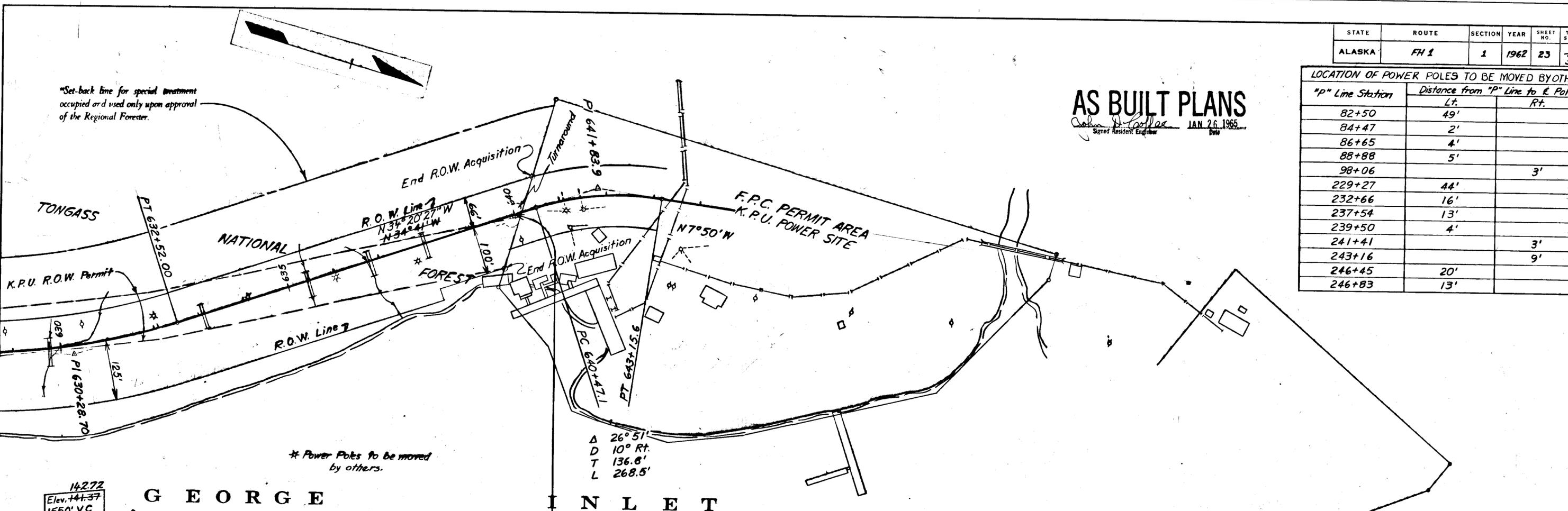


STATE	ROUTE	SECTION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	FH 1	1	1962	23	3

LOCATION OF POWER POLES TO BE MOVED BY OTHERS		
"P" Line Station	Distance from "P" Line to Pole	
	Lt.	Rt.
82+50	49'	
84+47	2'	
86+65	4'	
88+88	5'	
98+06		3'
229+27	44'	
232+66	16'	
237+54	13'	
239+50	4'	
241+41		3'
243+16		9'
246+45	20'	
246+83	13'	

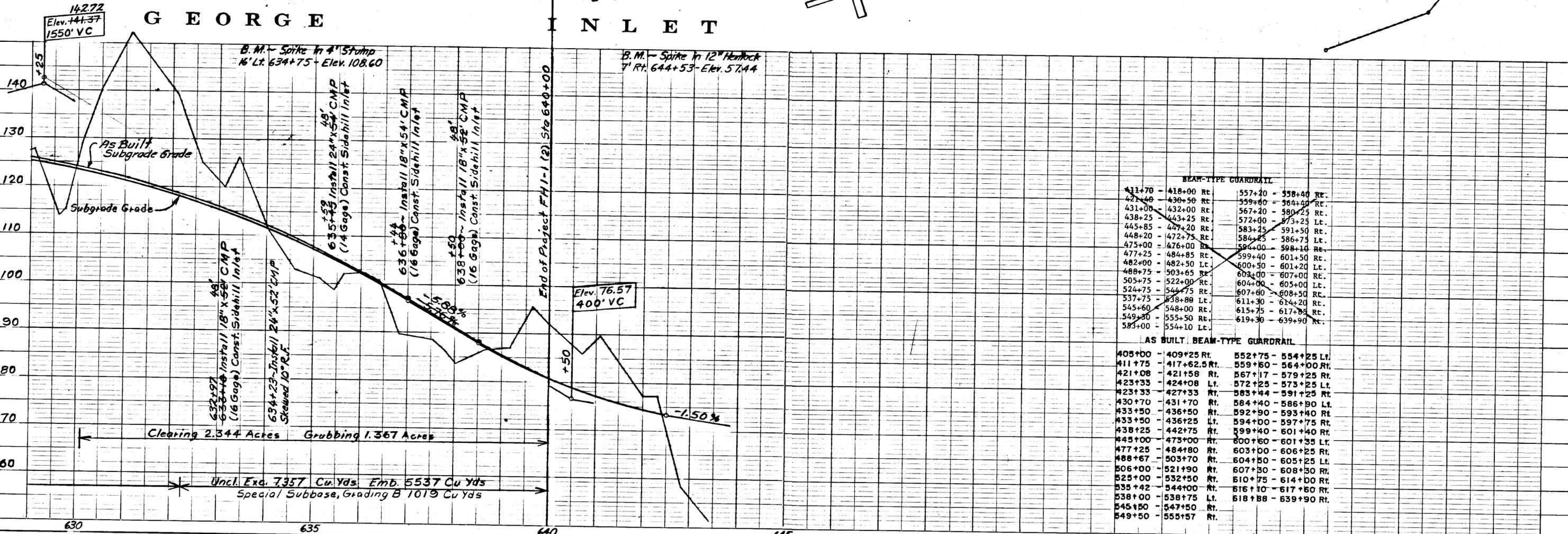
# AS BUILT PLANS

*John D. Collier*  
Signed Resident Engineer  
JAN 26 1965



\* Power Poles to be moved by others.

Δ 26° 51'  
D 10° Rt.  
T 136.8'  
L 268.5'



BEAM-TYPE GUARDRAIL			
411+70	-	418+00	Rt.
421+40	-	430+50	Rt.
431+00	-	432+00	Rt.
438+25	-	443+25	Rt.
445+85	-	447+20	Rt.
448+20	-	472+75	Rt.
475+00	-	476+00	Rt.
477+25	-	484+85	Rt.
482+00	-	482+50	Lt.
488+75	-	503+65	Rt.
505+75	-	522+00	Rt.
524+75	-	544+75	Rt.
537+75	-	538+80	Lt.
545+60	-	548+00	Rt.
549+30	-	555+50	Rt.
583+00	-	554+10	Lt.
557+20	-	558+40	Rt.
559+60	-	564+00	Rt.
567+20	-	580+25	Rt.
572+00	-	573+25	Lt.
583+25	-	591+50	Rt.
584+25	-	586+75	Lt.
594+00	-	598+10	Rt.
599+40	-	601+50	Rt.
600+50	-	601+20	Lt.
603+00	-	607+00	Rt.
604+00	-	605+00	Lt.
607+60	-	608+50	Rt.
611+30	-	614+20	Rt.
615+75	-	617+85	Rt.
619+30	-	639+90	Rt.

AS BUILT BEAM-TYPE GUARDRAIL			
405+00	-	409+25	Rt.
411+75	-	417+62.5	Rt.
421+08	-	421+58	Rt.
423+33	-	424+08	Lt.
427+33	-	427+33	Rt.
430+70	-	431+70	Rt.
433+50	-	436+50	Rt.
433+50	-	436+25	Lt.
438+25	-	442+75	Rt.
443+00	-	473+00	Rt.
477+25	-	484+80	Rt.
488+67	-	503+70	Rt.
506+00	-	521+90	Rt.
525+00	-	532+50	Rt.
535+42	-	544+00	Rt.
538+00	-	538+75	Lt.
545+50	-	547+50	Rt.
549+50	-	555+57	Rt.
554+25	-	554+25	Lt.
559+60	-	564+00	Rt.
567+17	-	579+25	Rt.
572+25	-	573+25	Lt.
583+44	-	591+25	Rt.
584+40	-	586+90	Lt.
592+90	-	593+40	Rt.
594+00	-	597+75	Rt.
599+40	-	601+40	Rt.
600+60	-	601+35	Lt.
603+00	-	606+25	Rt.
604+50	-	605+25	Lt.
607+30	-	608+30	Rt.
610+75	-	614+00	Rt.
616+10	-	617+60	Rt.
618+88	-	639+90	Rt.

Clearing 2.344 Acres Grubbing 1.367 Acres  
Uncl. Exc. 7,357 Cu Yds Emb. 5,537 Cu Yds  
Special Subbase, Grading B 1,019 Cu Yds