

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

PLANS FOR PROPOSED
PROJECT 16-A4,C4,D3,E2
GRADING

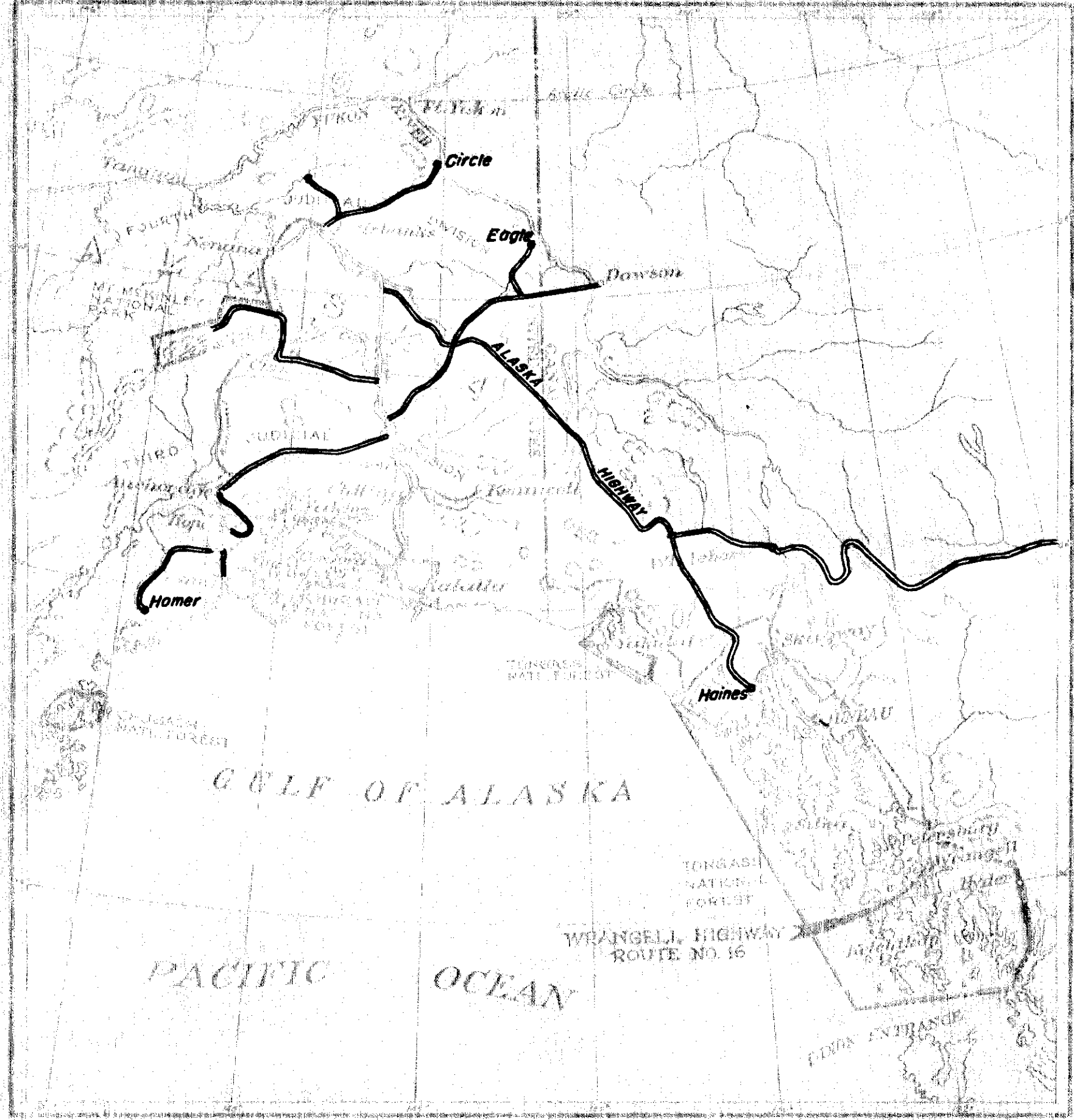
WRANGELL HIGHWAY

ROUTE NO. 16 - EASTERN PASSAGE OPPOSITE MILL CR.-CHICHAGOF PK.
19.0 MILES - CLASS 3

ALASKA FOREST HIGHWAY SYSTEM

TONGASS NATIONAL FOREST
FIRST JUDICIAL DIVISION
ALASKA

SCALES
PLAN - 1 IN. = 100 FT.
PROFILE - HORZ. 1 IN. = 100 FT., VERT. 1 IN. = 10 FT.



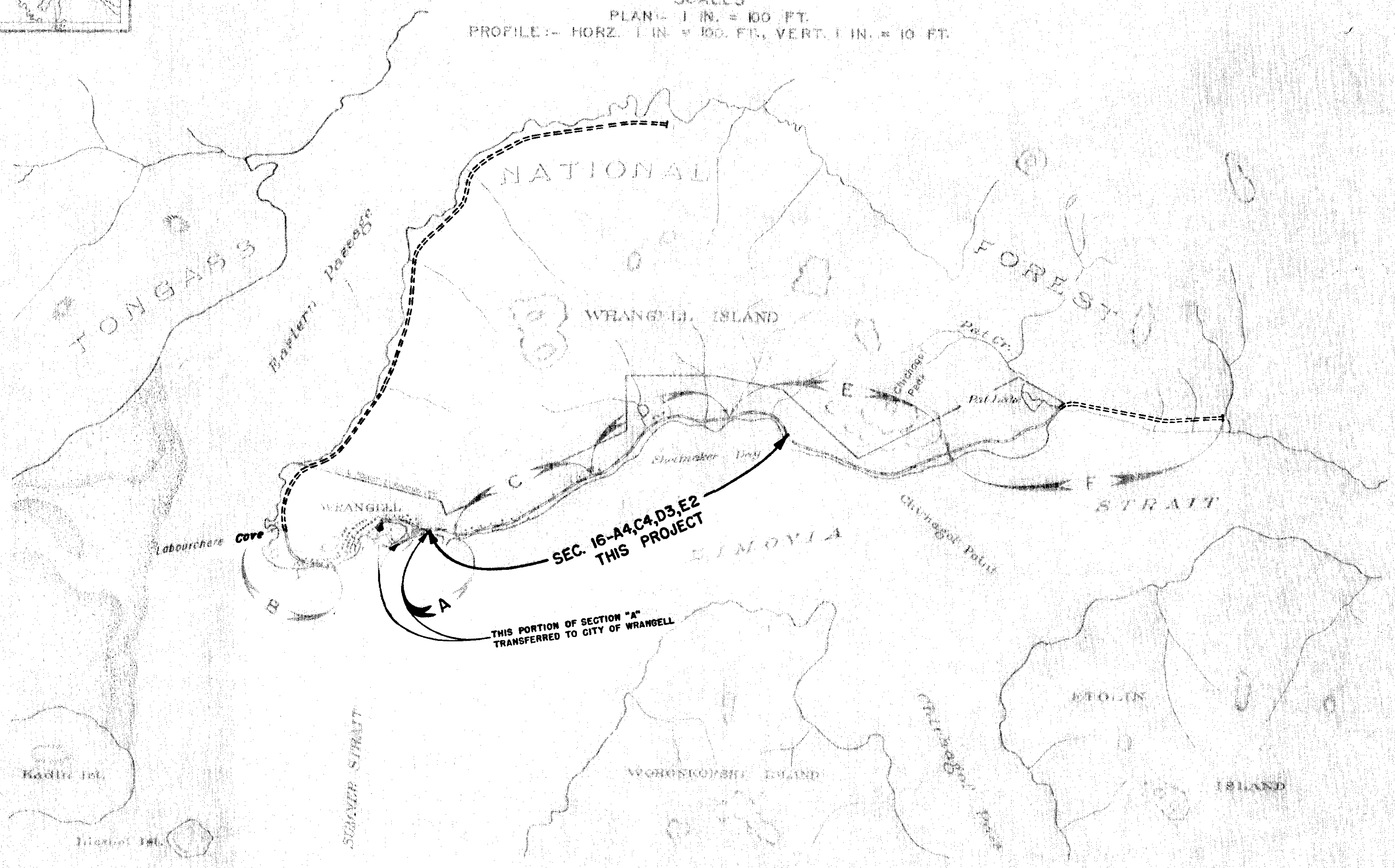
SHEET NO.	TITLE OF SHEETS
1	TITLE SHEET
2	SUMMARY & TYPICAL SECTIONS
3-6	" " " " CULVERTS
7	BORROW PIT PLAT
8-17	PLAN & PROFILE SHEETS
18	DWG. NO. 2-385 CONC. BOX CULV. EXTENSION
19	STD. DWG. NO. 2-160 CULV. DETAILS
20	" " " " 7-355 STRUTTING DETAILS
21	" " " " 7-89 CONSTR. SIGNS
22	" " " " 7-217 BARRICADES

Plans prepared by (BPR)
Date...1957

Roadbed Width 34'
Grading
Type 0011
Width 34'
Bridges... None

Design Classification
50 M 50

WRANGELL HIGHWAY NO. 16							
Section	Termini	19th. Mi.	Location Survey Date	Clearing Date	Grading Date	Surfacing Date	Bridges Date
B	Wrangell-Cannery	0+00 to 52+70.6	1917	1920	1923	1931	1931
Town of Wrangell							
		City Limits North	0+00				
		City Limits South	52+28.2				
A	Wrangell-Cemetery	52+28.2 to 48+31.5	Constructed by other agencies prior to July 1, 1926				
C	Cemetery-Shoemaker Bay, Section 1	48+31.5 to 152+194.3	1925	1926	1926	1926	1926
D	Cemetery-Shoemaker Bay, Section 2	152+194.3 to 284+64.6	1925	1926	1926	1926	1926
E	Chichagof Point Sec.	284+64.6 to 390+74.3	1934	1936	1939	1939	none
F	Pot Creek Sec.	390+74.3 to 602+35.0	1934	1936			
F1	Chichagof Pt.-Pot Cr.	602+35.0 to 490+0.0	1934		18	1952	
16-A4,C4,D3,E2		32+28.2 TO 312+00.8	THIS CONTRACT GRADING				



INDEX MAP

Scale
Miles

Legend

Approx. Route Estab. Route

Claded Graded Higher Paved Street Macadam

APPROVED
A. F. Johnson Date 3/1/57
REGIONAL ENGINEER, act.
BUREAU OF PUBLIC ROADS
REGION 10

CULVERT PIPE SUMMARY

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

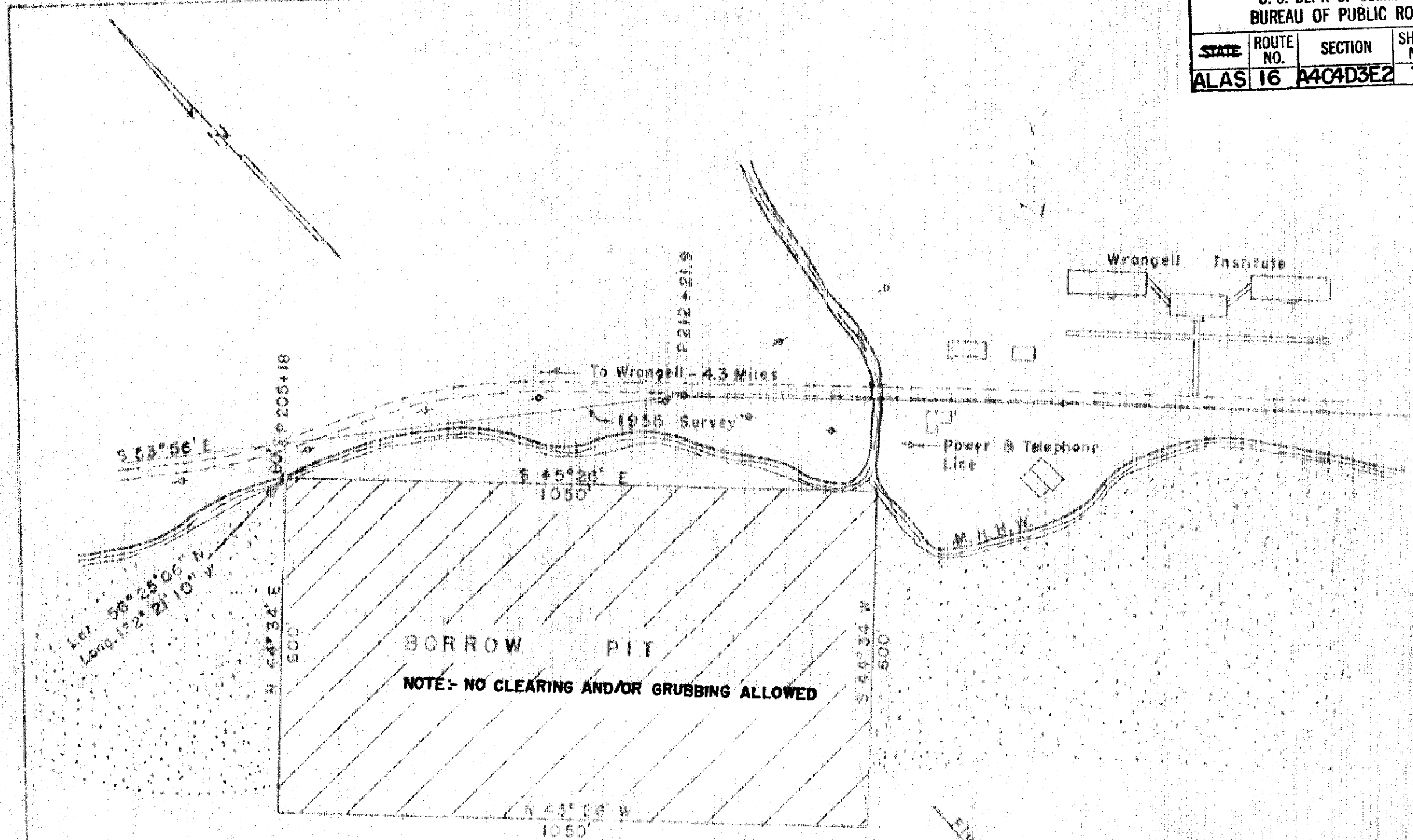
TERRITORY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
ALASKA	16	A4, C4, D3, E2	6	22

STATION	MAXIMUM COVER	FLARED INLETS						BIT. COATED CORR. S.M. CULVERT PIPE, TYPE 2, ASBESTOS BONDED						Remove, Clean & Stockpile	Remove, Clean & Relay	78" Struct. Plate Pipe	58"x36" Pipe Arch Culvert	81"x59" Struct. Plate P. Arch	Appr. Road Salvage Pipe	STRUCTURAL EXCA.	REMARKS
		8"	18"	24"	30"	36"	48"	256(1)	256(2)	262(1)	263(1)	264(1)	25(1)								
		Item No. 255(1)	255(2)	255(3)	255(4)	255(5)	255(6)														
237+50																	32		Existing Road Conn. Rt.		
241+17							80											27			
244+12			56															8			
248+56			52															6			
253+00					74													26			
260+03				46														18			
262+93																		24			
264+50			46															9			
265+98			48															6			
267+50																	46	14	Appr. Road Rt.		
272+34			54															2	Extend Lt.		
278+39					4													4	" 10' Lt. & 8' Rt.		
283+25					18													6			
294+12																		10			
298+00				48														7			
299+16			46															13			
300+35			50															5			
303+00					54													7			
304+00			60															4			
305+15			58															120	Skew 35°		
309+28																		3	Extend 16' Lt. & 4' Rt.		
311+72			20																		
73+80			20																Approach Road Left		
84+60			20																" " "		
152+85			20																" " "		
181+80			20																" " "		
190+20			20																" " "		
285+50			20																" " "		
285+50			20																" " Right		
TOTALS			148	3896	530	204	120	106										1513	151 Allowance for bedding under pipes		
																		1664			

Checked By: G. Hanna 4/26/56

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
ALAS	16	A4C4D3E2	7	22

GRAVEL PIT RESERVE
WRANGELL HIGHWAY
SEC. 16-P4, C4, D3, E2

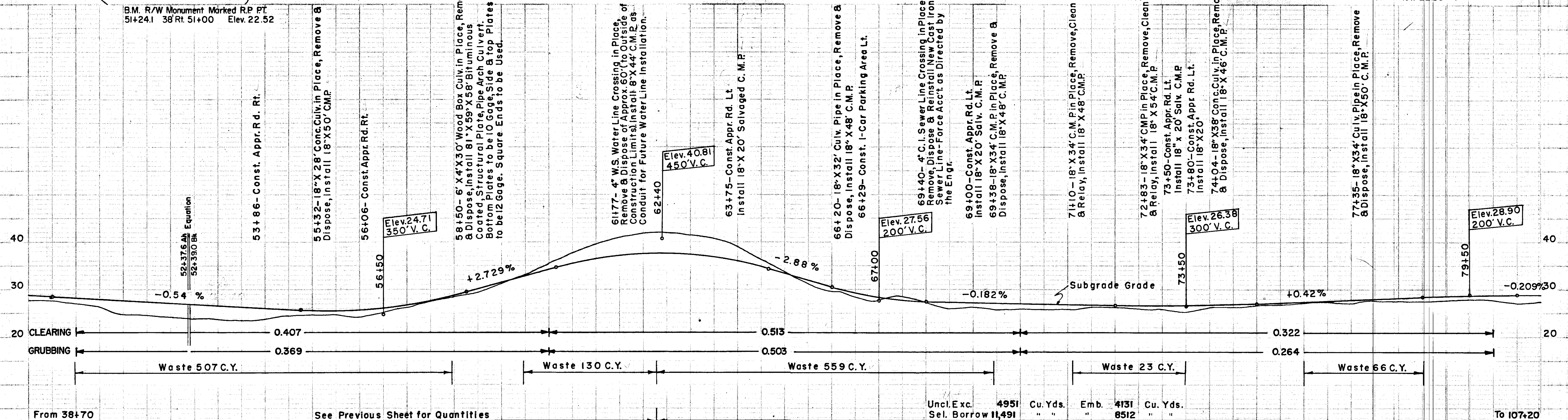
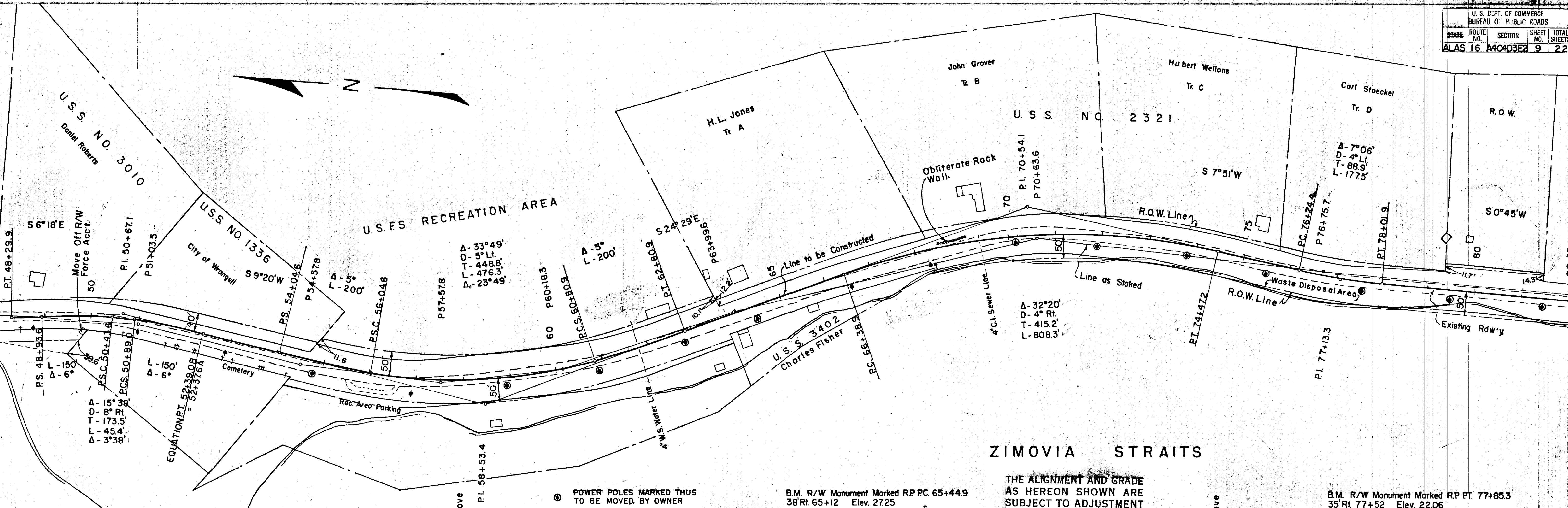


ZIMOVIA STRAIT

U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
DIVISION OF HIGHWAYS
SHEET NO. 7 SHOWING
GRAVEL PIT RESERVE
Scale 1" = 200'
JUNEAU, ALASKA JUN. 25, 1956

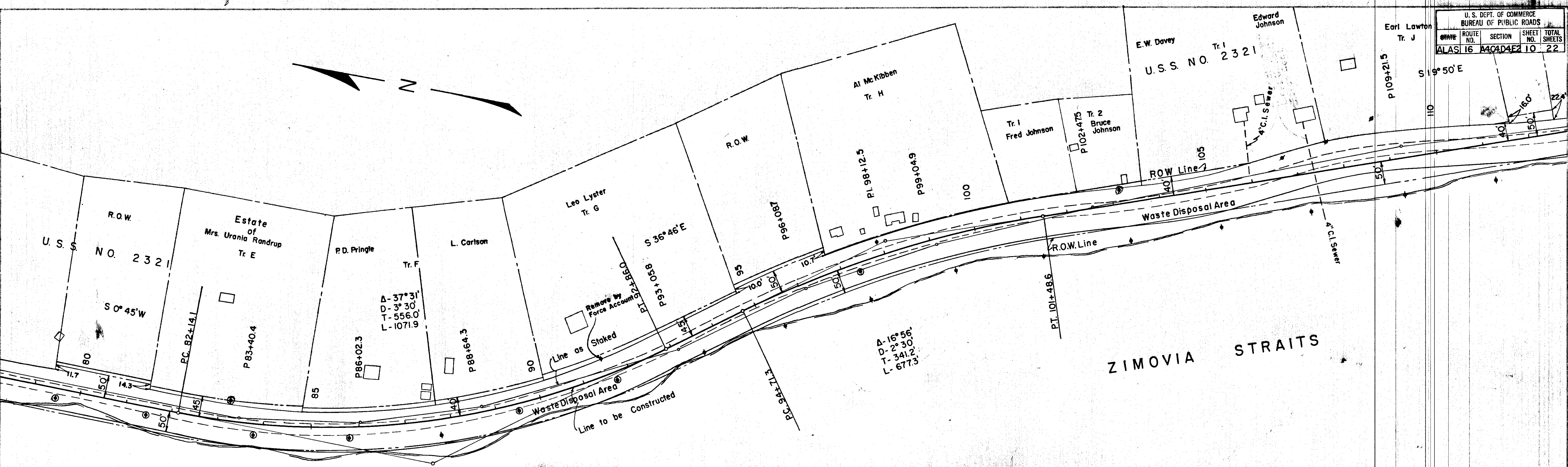
Made by W.K.
Checked by

AREA SHOWN WITH HATCHING CONTAINS
145 ACRES MORE OR LESS



From 38+70	See Previous Sheet for Quantities	To 107+20
Uncl. Exc. 4951	Cu. Yds. Emb. 4131	Cu. Yds.
Sel. Borrow 11,491	" " 8512	" "
Spcl. O. H. 25,627	Cu. Yd. Mi.	
O. H. 46,522	Sta. Yds. @ 458	Cu. Yd. Mi.

All Borrow from Pit 400' Rt. 210+50

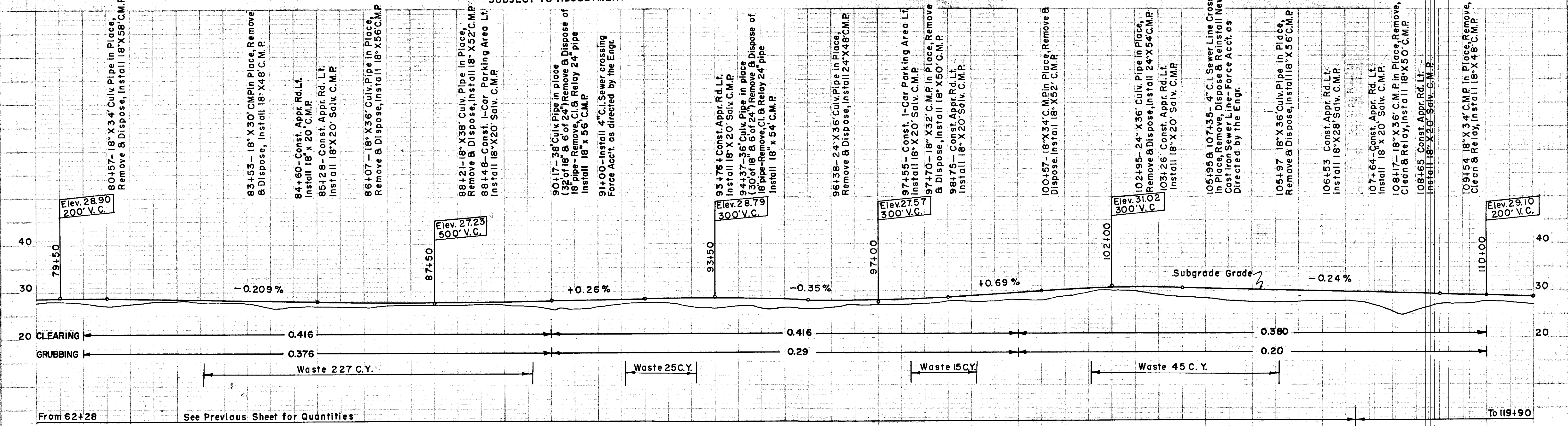


THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT

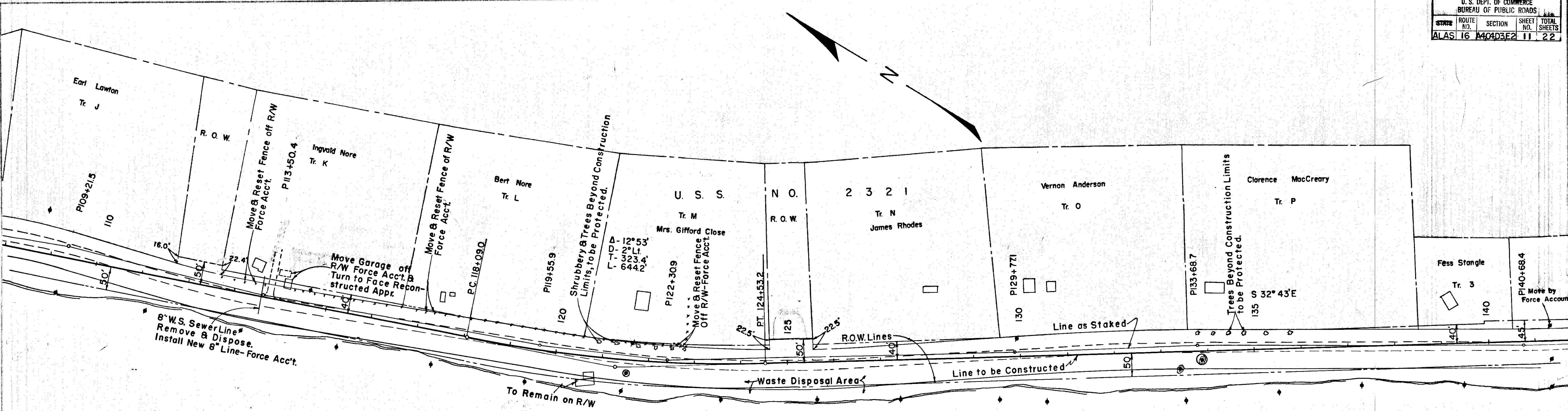
POWER POLES MARKED THUS TO BE MOVED BY OWNER

B.M. R/W Monument Marked R.P. PT. 102+92.3
28' Rt. 102+54 Elev. 27.89

B.M. R/W Monument Marked R.P. PT. 109+68.1
7' Rt. 109+26 Elev. 25.54



All Borrow from Pit Approx. 400' Rt. 210+50

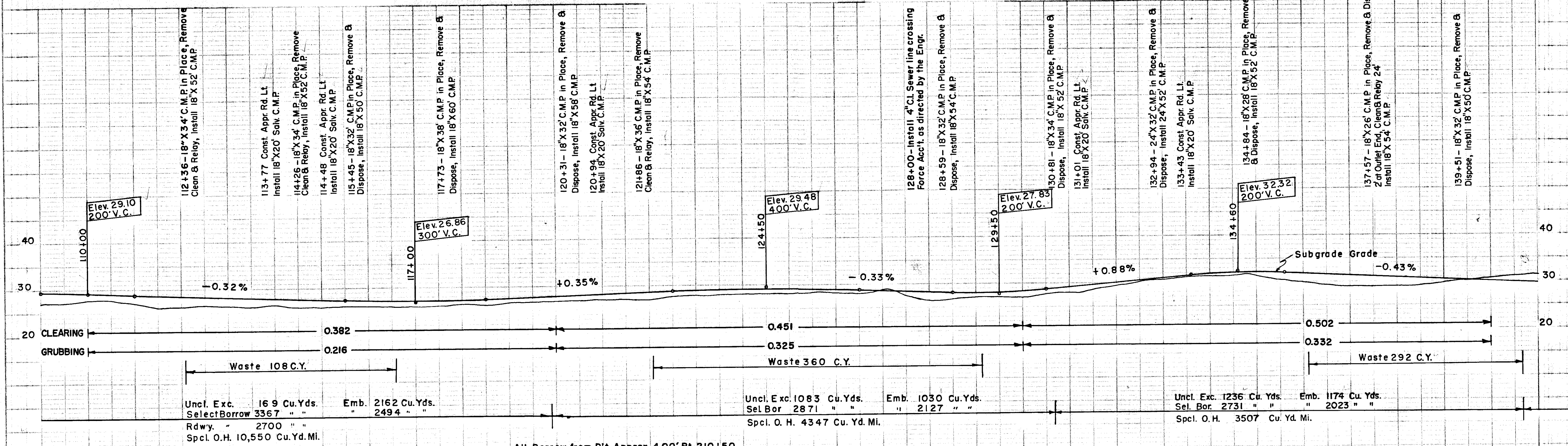


ZIMOVIYA STRAITS

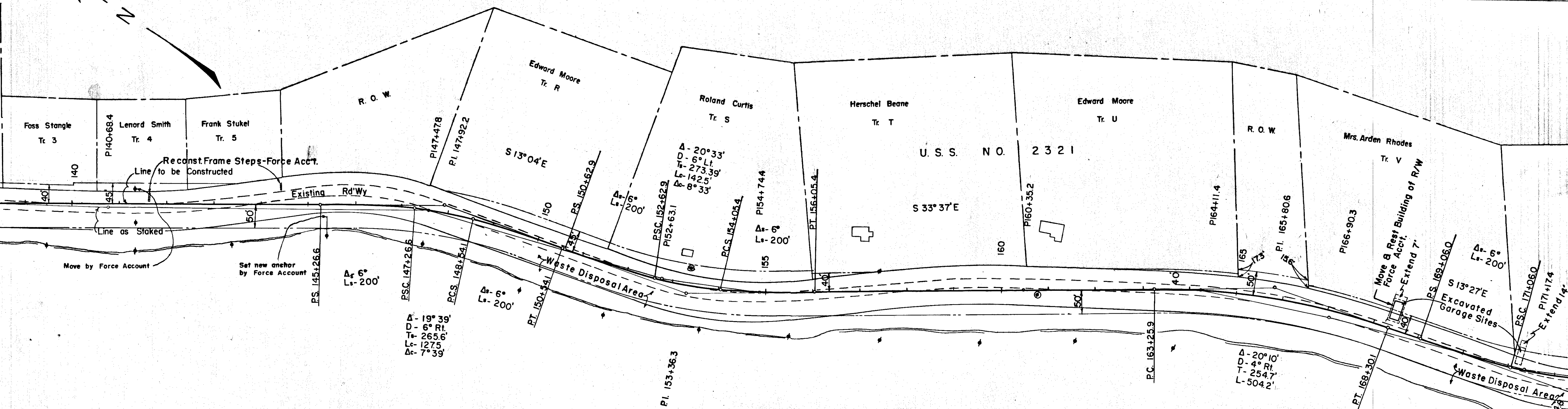
POWER POLES MARKED THUS TO BE MOVED BY OWNER

B.M. R/W Monument Marked RP PT. 122+78.8
28 Rt. 122+40 Elev. 24.76

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All Borrow from Pit Approx. 400' Rt. 210+50



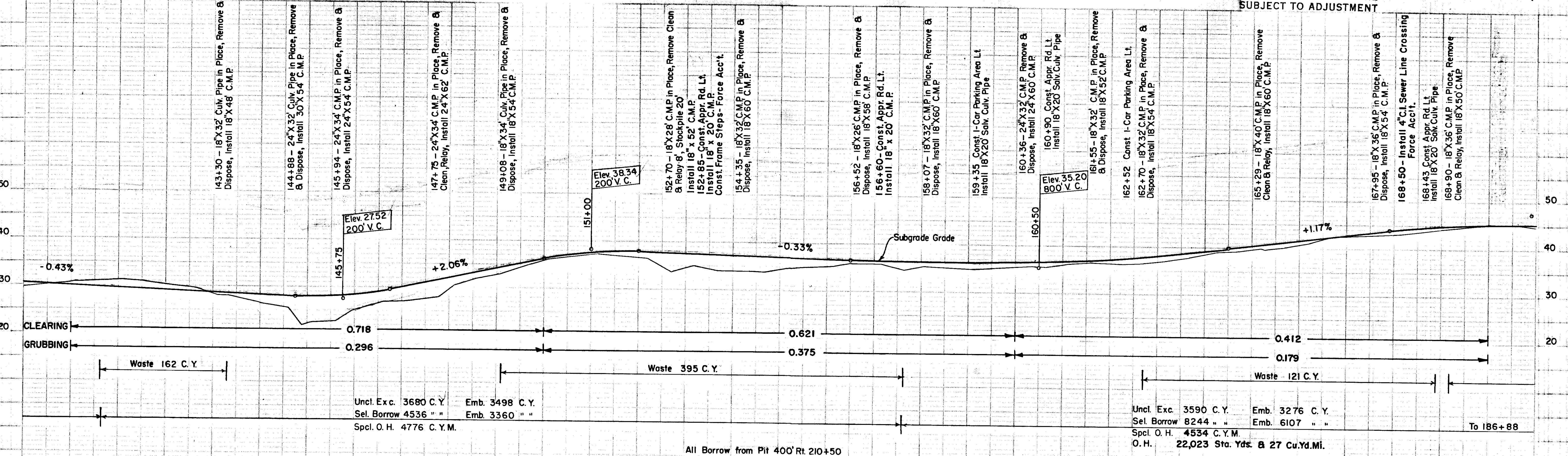
B.M. R/W Monument Marked RP PC. 141+17.0
40' Rt. 140+75 Elev. 26.69

ZIMOVIA STRAITS

B.M. R/W Monument Marked RP PT. 161+08.6
15' Rt. 160+52 Elev. 31.50

THE ALIGNMENT AND GRADE
AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT

POWER POLES MARKED THUS
TO BE MOVED BY OWNER



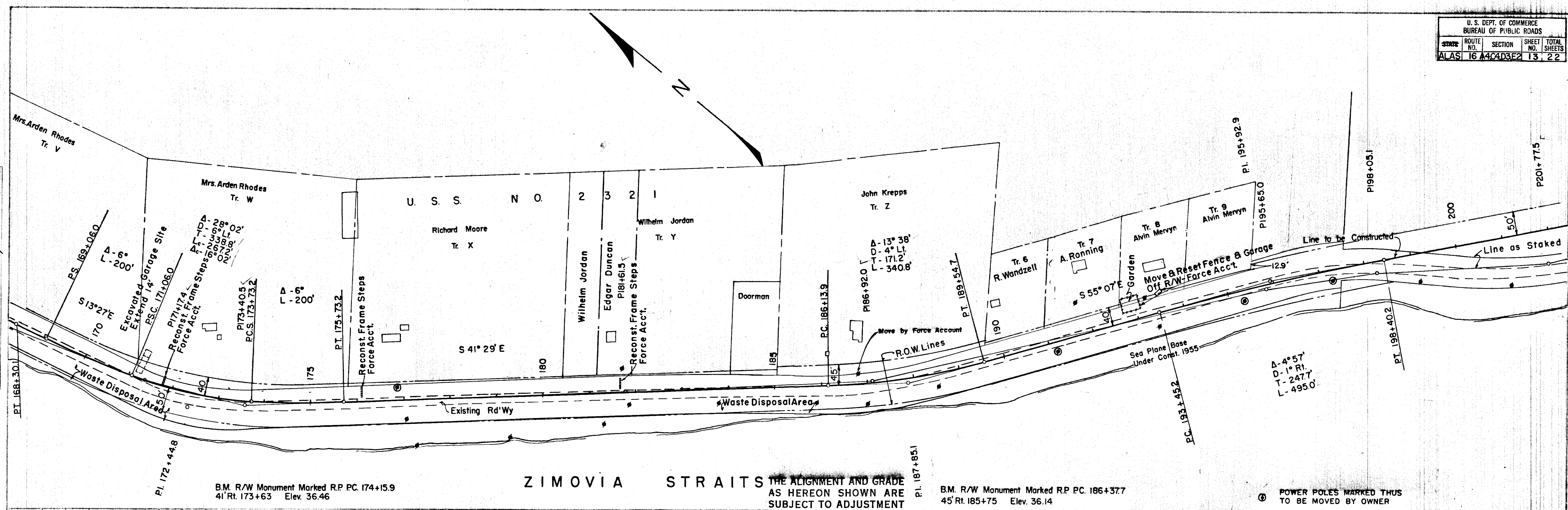
Uncl. Exc. 3680 C.Y. Emb. 3498 C.Y.
Sel. Borrow 4536 " " Emb. 3360 " "

Uncl. Exc. 3590 C.Y. Emb. 3276 C.Y.
Sel. Borrow 8244 " " Emb. 6107 " "

All Borrow from Pit 400' Rt. 210+50

To 186+88

O.H. 22,023 Sta. Yds. & 27 Cu.Yd.Mi.

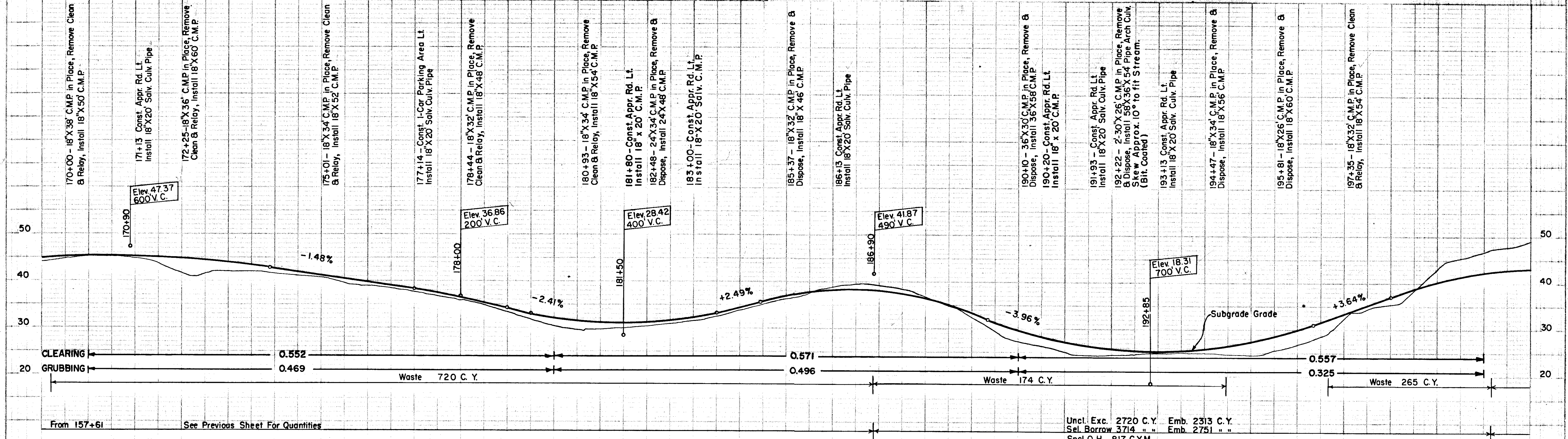


B.M. R/W Monument Marked R.P. PC. 174+15.9
41' Rt. 173+63 Elev. 36.46

ZIMOVIA STRAITS THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT

B.M. R/W Monument Marked R.P. PC. 186+37.7
45' Rt. 185+75 Elev. 36.14

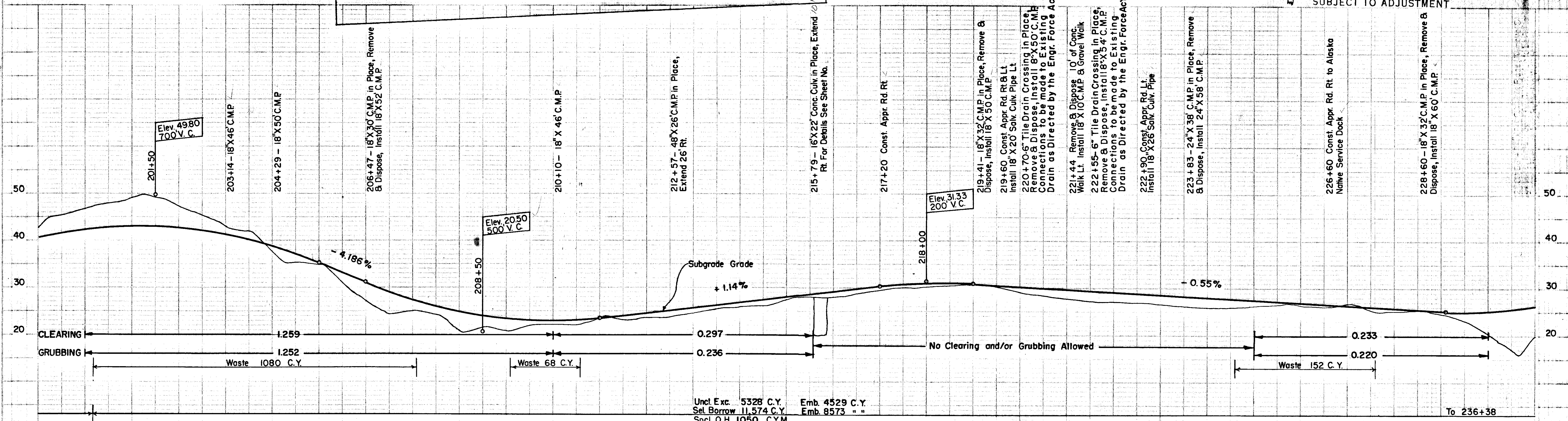
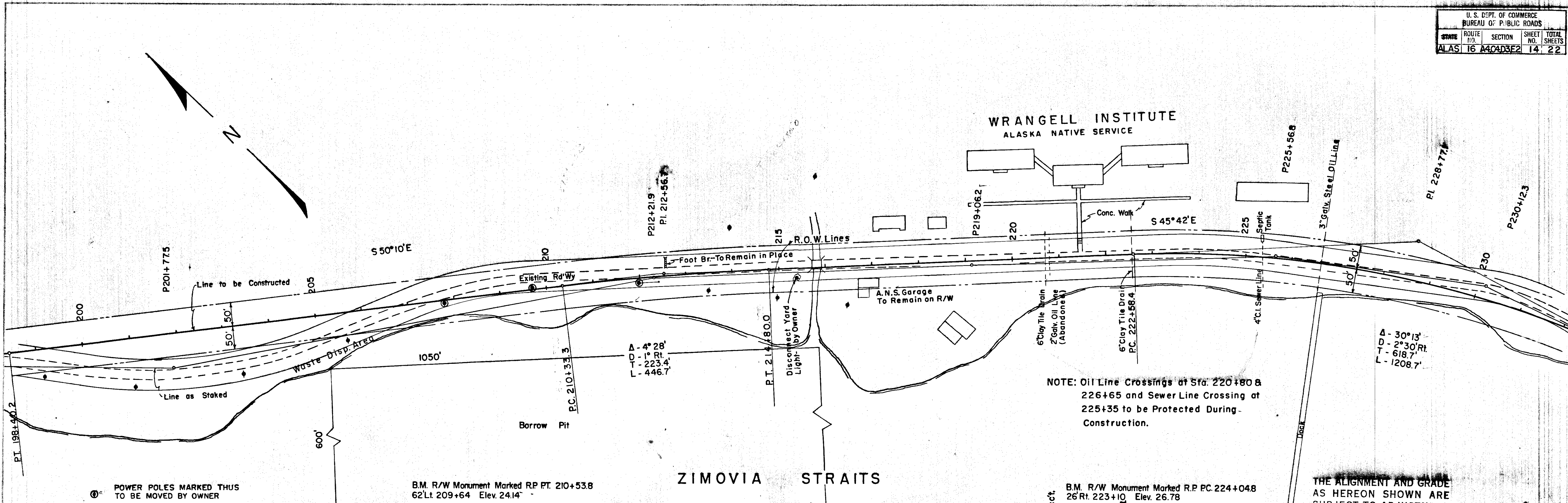
POWER POLES MARKED THUS TO BE MOVED BY OWNER



From 157+61 See Previous Sheet For Quantities

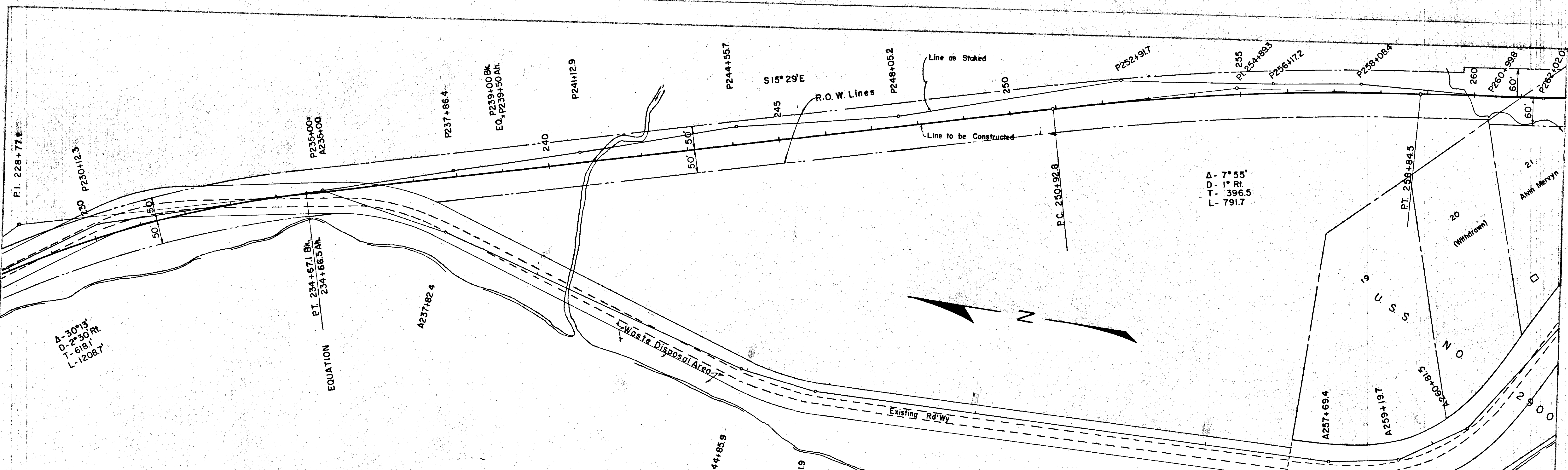
Uncl. Exc. 2720 C.Y. Emb. 2313 C.Y.
Sel. Borrow 3714 " Emb. 2751 " "
Spcl. O.H. 817 C.Y.M.

All Borrow From Pit Approx. 400' Rt. 210+50



All Borrow From Pit Approx. 400' Rt. 210+50

To 236+38

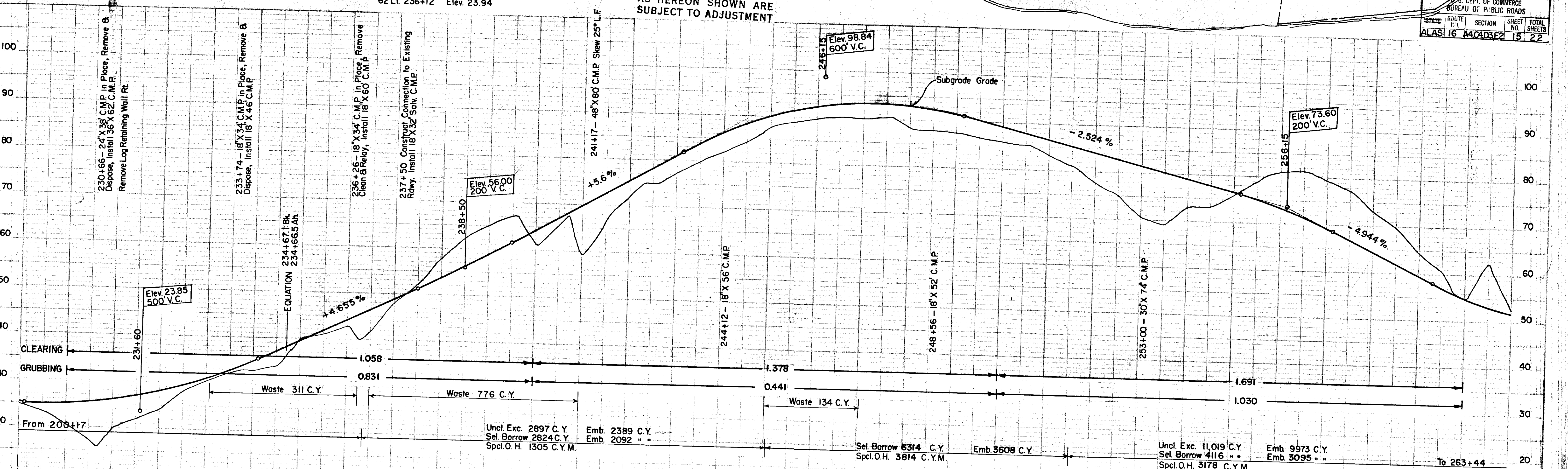


ZIMOVIA STRAITS

B.M. R/W Monument Marked R.P. PT. 231+16.75
62' Lt. 236+12 Elev. 23.94

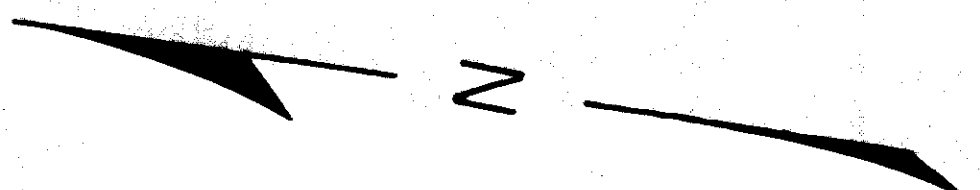
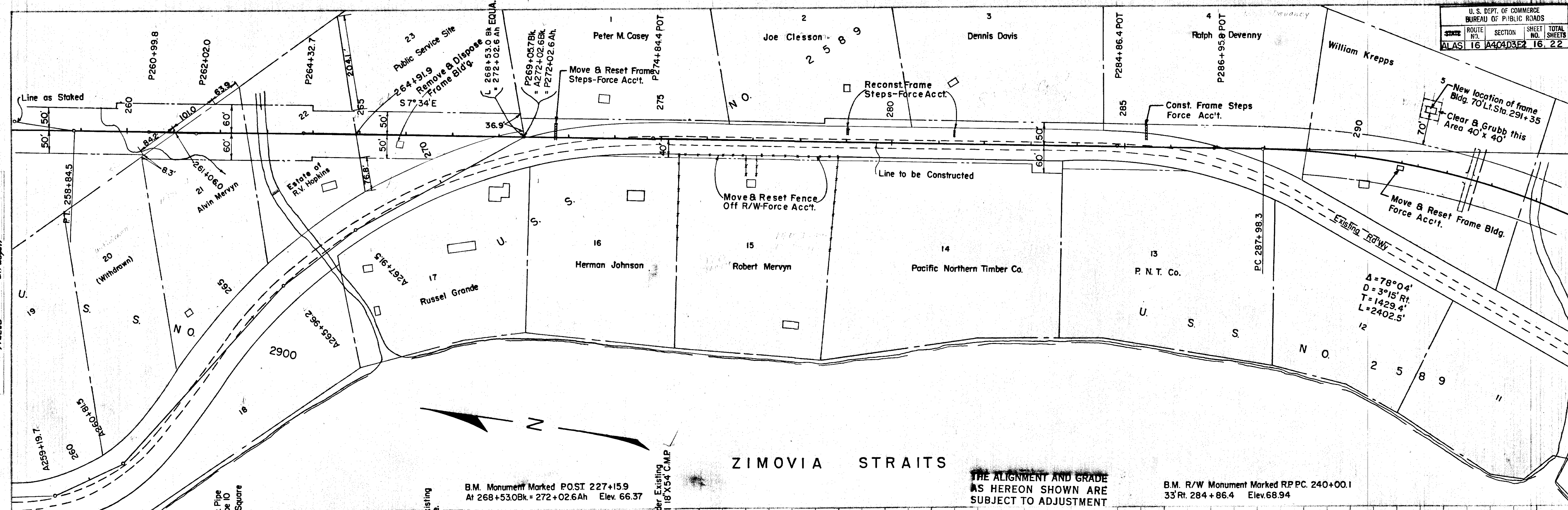
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U.S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS			
ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
ALAS 16	404.03E2	15	22



- 230+66 - 24' X 38' C.M.P. in Place, Remove & Dispose, Install 36' X 62' C.M.P.
- Remove Log Retaining Wall Rt
- 233+74 - 18' X 34' C.M.P. in Place, Remove & Dispose, Install 18' X 46' C.M.P.
- 236+26 - 18' X 34' C.M.P. in Place, Remove Clean & Relay, Install 18' X 60' C.M.P.
- 237+50 Construct Connection to Existing Rdwy, Install 18' X 32' Sph. C.M.P.

From 208+17	231+60	238+50	244+12	248+56	253+00	To 263+44
Waste 311 C.Y.	Waste 776 C.Y.	Waste 134 C.Y.	Waste 1.691	Waste 1.030		
Uncl. Exc. 2897 C.Y. Sel. Borrow 2824 C.Y. Spcl. O.H. 1305 C.Y.M.	Uncl. Exc. 11,019 C.Y. Sel. Borrow 4116 " " Spcl. O.H. 3178 C.Y.M.	Emb. 2389 C.Y. Emb. 2092 " "	Emb. 3608 C.Y.	Emb. 9973 C.Y. Emb. 3095 " "		

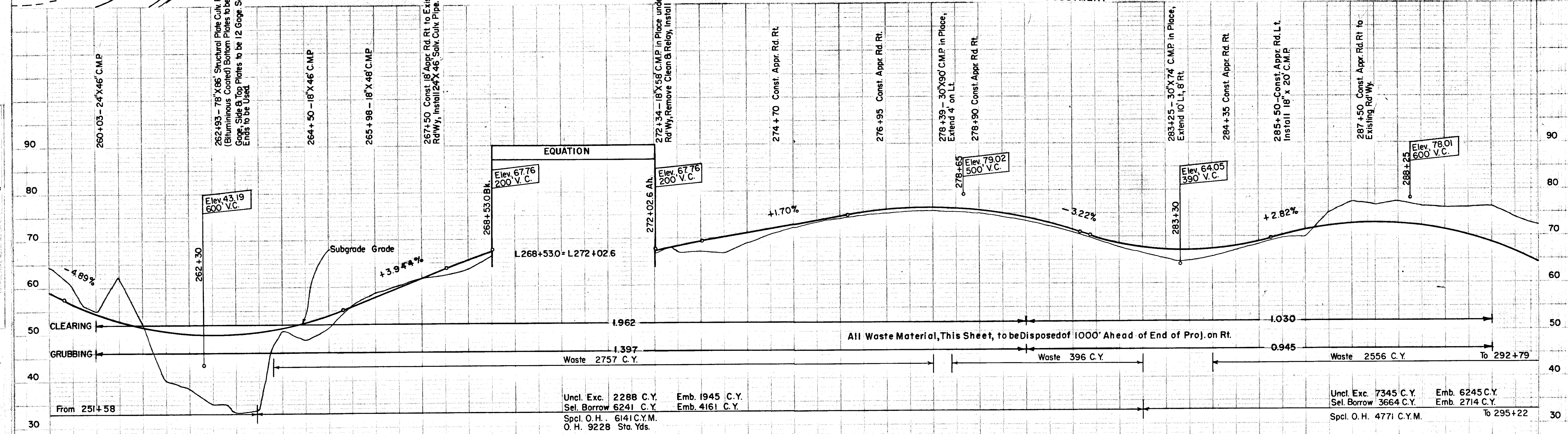


ZIMOVIA STRAITS

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B.M. Monument Marked POST 227+159 At 268+53.0Bk. = 272+02.6Ah Elev. 66.37

B.M. R/W Monument Marked RP.P.C. 240+00.1 33'Rt. 284+86.4 Elev. 68.94

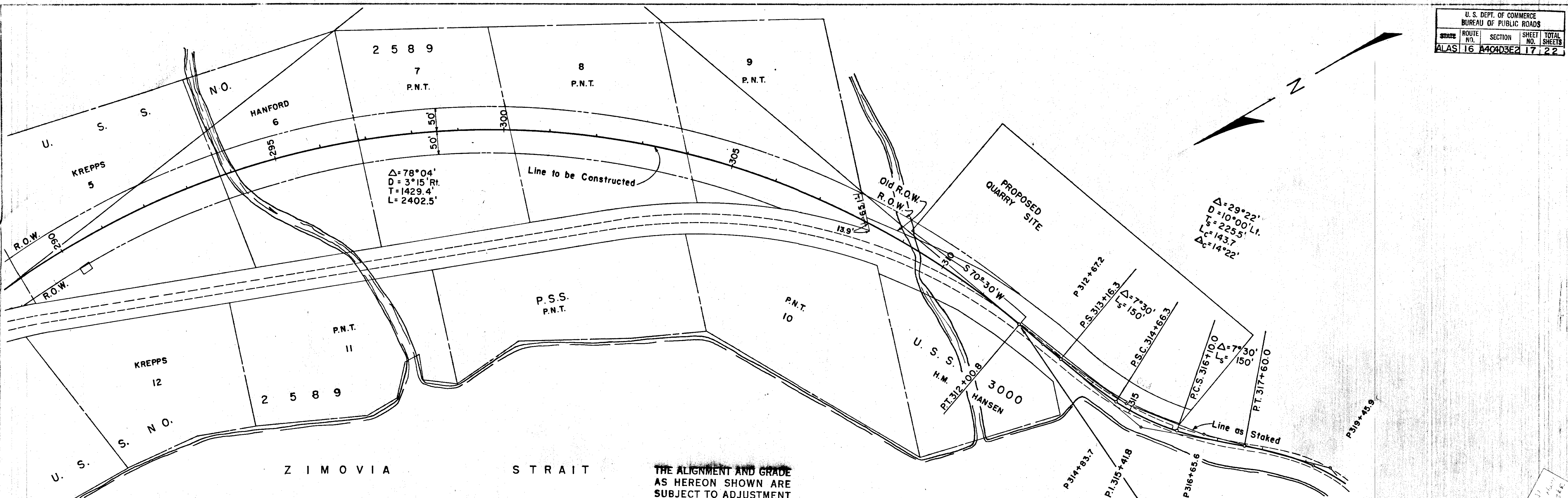


Uncl. Exc. 2288 C.Y. Emb. 1945 C.Y.
Sel. Borrow 6241 C.Y. Emb. 4161 C.Y.
Spcl. O.H. 6141 C.Y.M.
O.H. 9228 Sta. Yds.

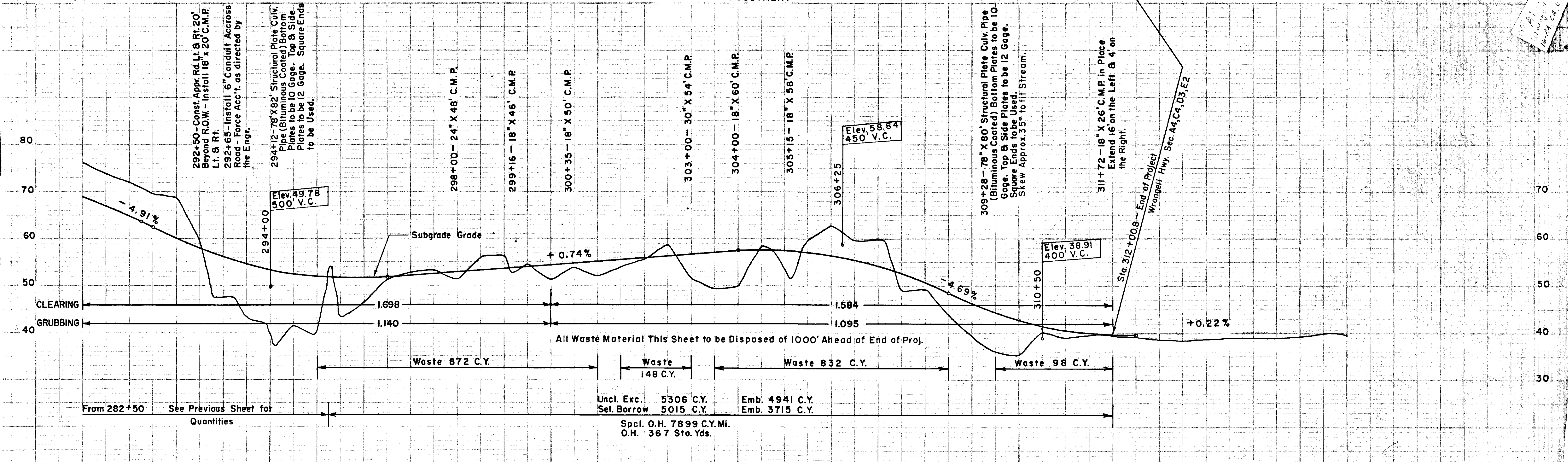
Uncl. Exc. 7345 C.Y. Emb. 6245 C.Y.
Sel. Borrow 3664 C.Y. Emb. 2714 C.Y.
Spcl. O.H. 4771 C.Y.M.
To 295+22

All Borrow From Pit Approx. 400' Rt. 210+50

All Waste Material, This Sheet, to be Disposed of 1000' Ahead of End of Proj. on Rt.



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All Borrow From Pit Approx. 400' Rt. 210+50

1971
10/11/71
16-44 CA B&E

Missing pages 2-5 and 18-22