

STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
F-021-1(10)
STERLING HIGHWAY
HOMER NORTH TO ANCHOR POINT
GRADING, DRAINAGE & SURFACING

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	1	58
ROUTE	110000	M.P. 6.3-21.4		

TYPE 6201 IMPROVEMENT
TYPE X031 IMPROVEMENT

INDEX OF SHEETS

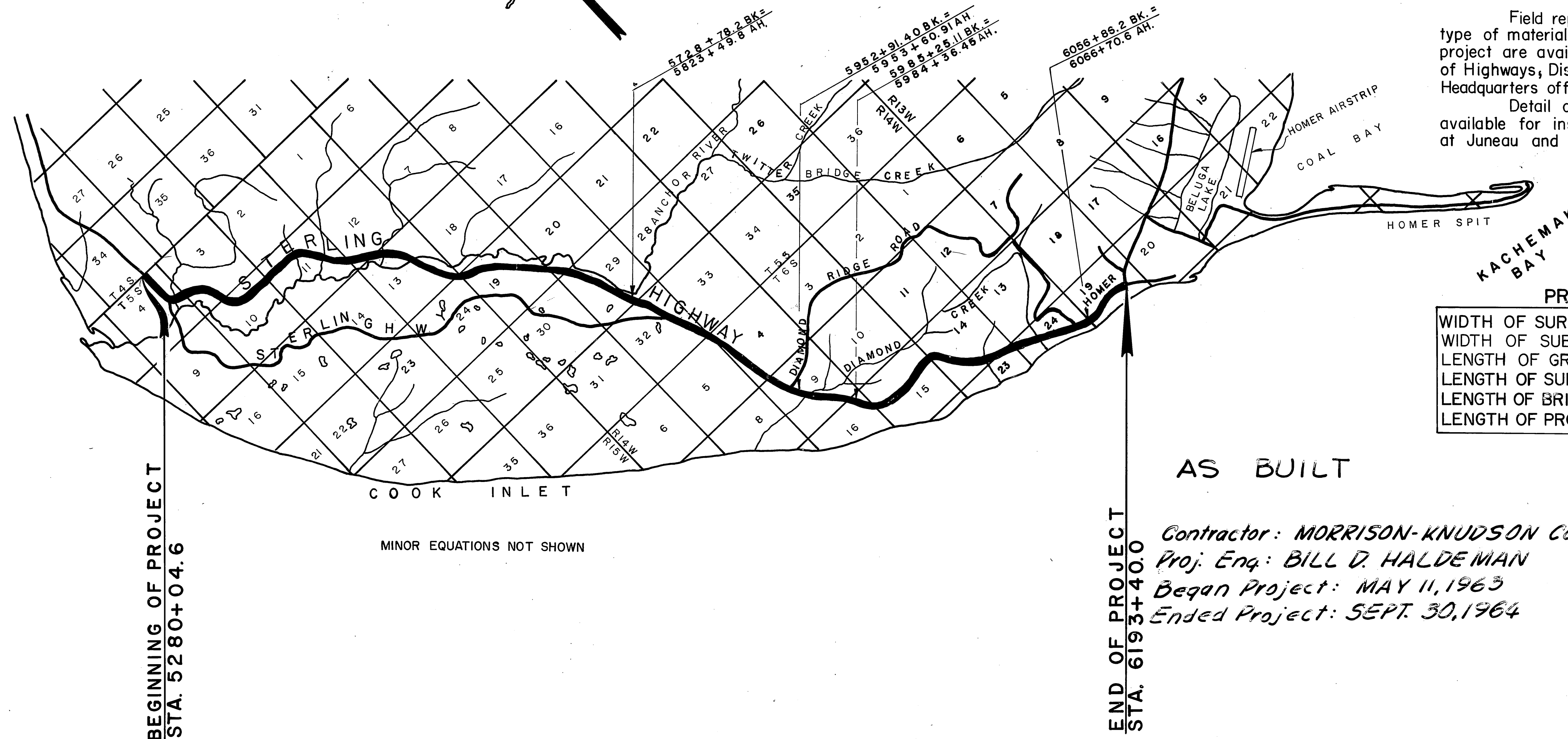
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS & ESTIMATE OF QUANTITIES
3	BORROW PIT LOCATION SKETCH
4-6	ANCHOR RIVER BRIDGE RAISING DETAILS
7-8	MISCELLANEOUS DETAIL SHEETS
9-36	PLAN AND PROFILE SHEETS
37-46	CULVERTS & MISCELLANEOUS WORK
47-50	SUMMARY OF RIGHT-OF-WAY MONUMENTS & STANDARD SIGNS
S-1	STANDARD CULVERTS
S-3	STANDARD APPROACHES
S-6	STANDARD PROJECT IDENTIFICATION SIGN
S-8	STANDARD BEAM GUARDRAIL
S-9	STANDARD TIMBER GUIDE POSTS
S-11	STANDARD HEADWALLS
S-13	STANDARD CULVERT MARKER POSTS
S-19	STANDARD SUPERELEVATION

DESIGN DESIGNATION

ADT (1961) = 205
ADT (1981) = 1,230
DHV(30 HY) = 191
D = 60 %
T = 10 %
V = 50 mph

Field reports of the foundation soils and the type of materials found in the listed pits for this project are available upon request in the Department of Highways, District office at Anchorage and the Headquarters office at Juneau.

Detail cross sections for this project are available for inspection in the Headquarters office at Juneau and the District office at Anchorage.



PROJECT SUMMARY

WIDTH OF SURFACING	32'
WIDTH OF SUBGRADE	36'
LENGTH OF GRADING	80,816.0' = 15.306 Mi.
LENGTH OF SURFACING	80,816.0' = 15.306 Mi.
LENGTH OF BRIDGE	80.7' = 0.015 Mi.
LENGTH OF PROJECT	80,896.7' = 15.321 Mi.

AS BUILT

Contractor: MORRISON-KNUDSON CO. INC.
Proj. Eng: BILL D. HALDEMAN
Began Project: MAY 11, 1963
Ended Project: SEPT. 30, 1964

STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

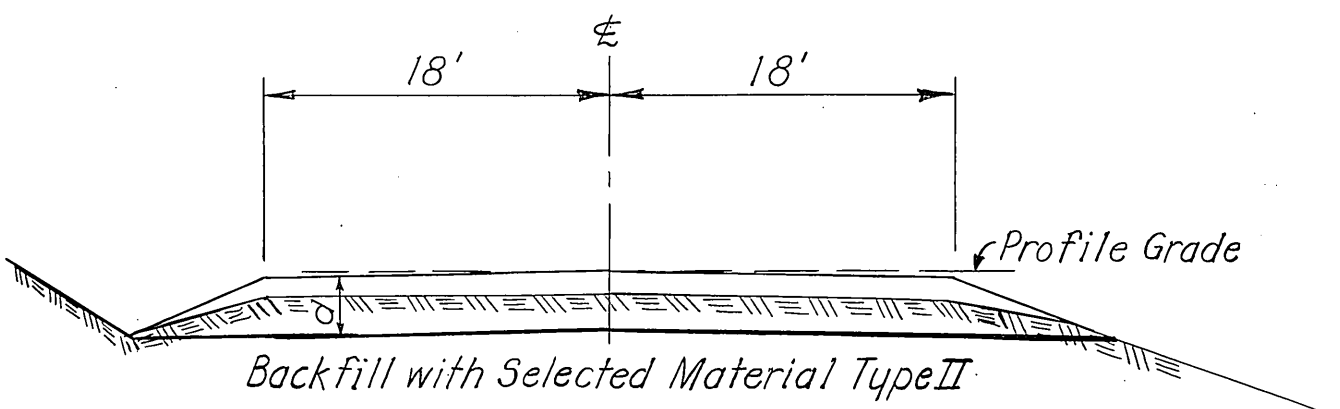
APPROVED
[Signature] Date 10/10/62
COMMISSIONER OF HIGHWAYS

APPROVED
.....Date.....
REGIONAL ENGINEER
BUREAU OF PUBLIC ROADS
REGION TEN

As Builts entered 5-23-65 by R. Ward

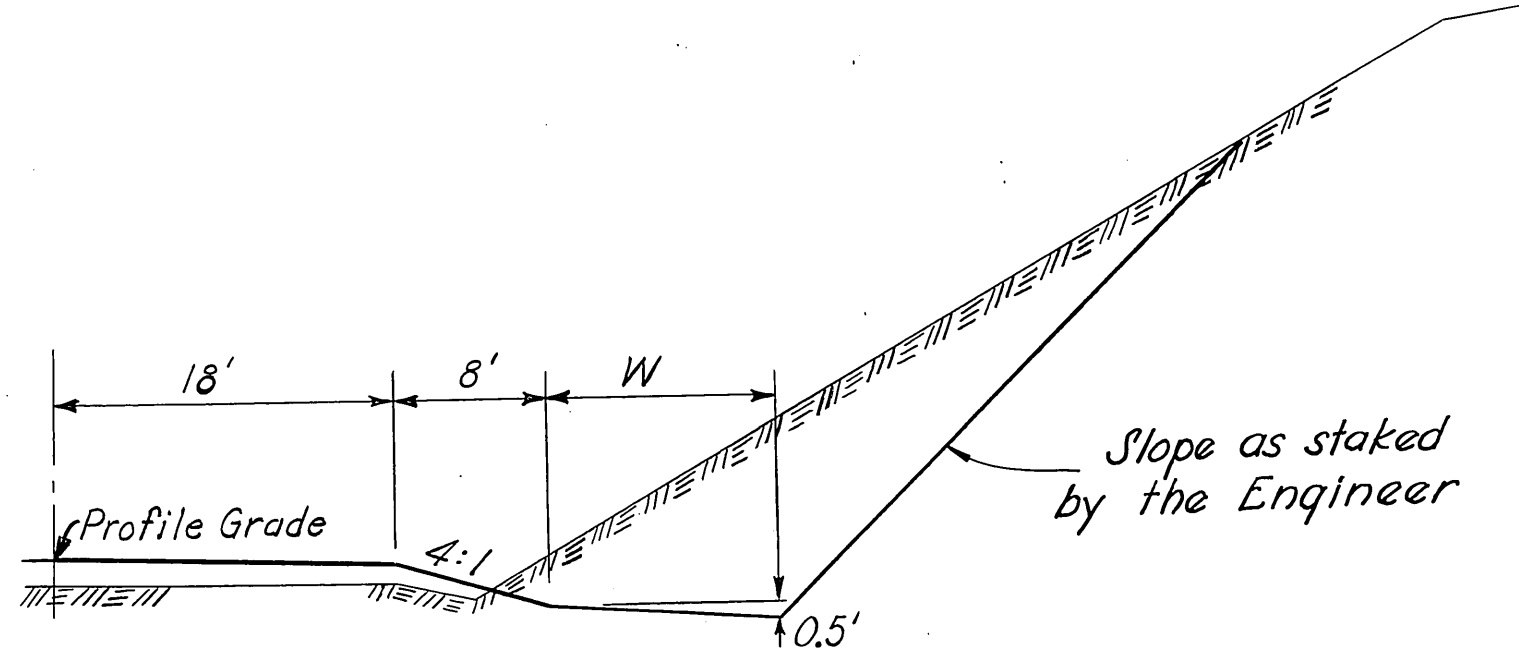
A-5 L

AS BUILT



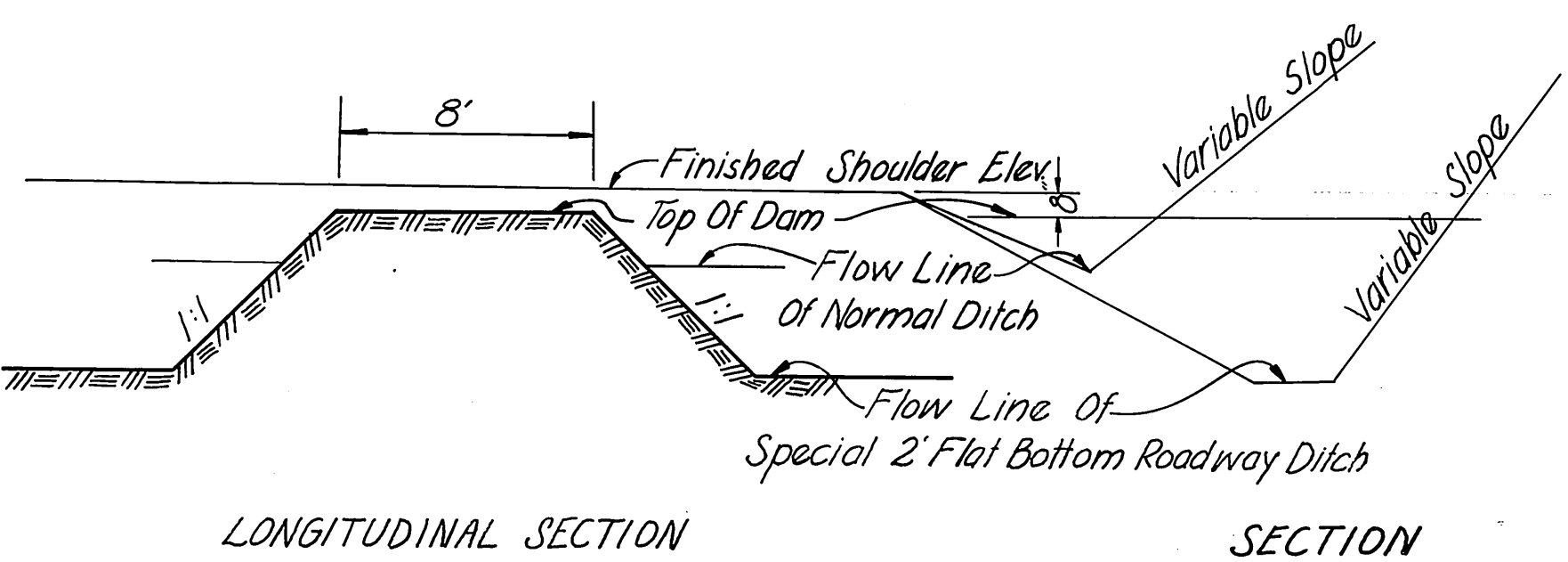
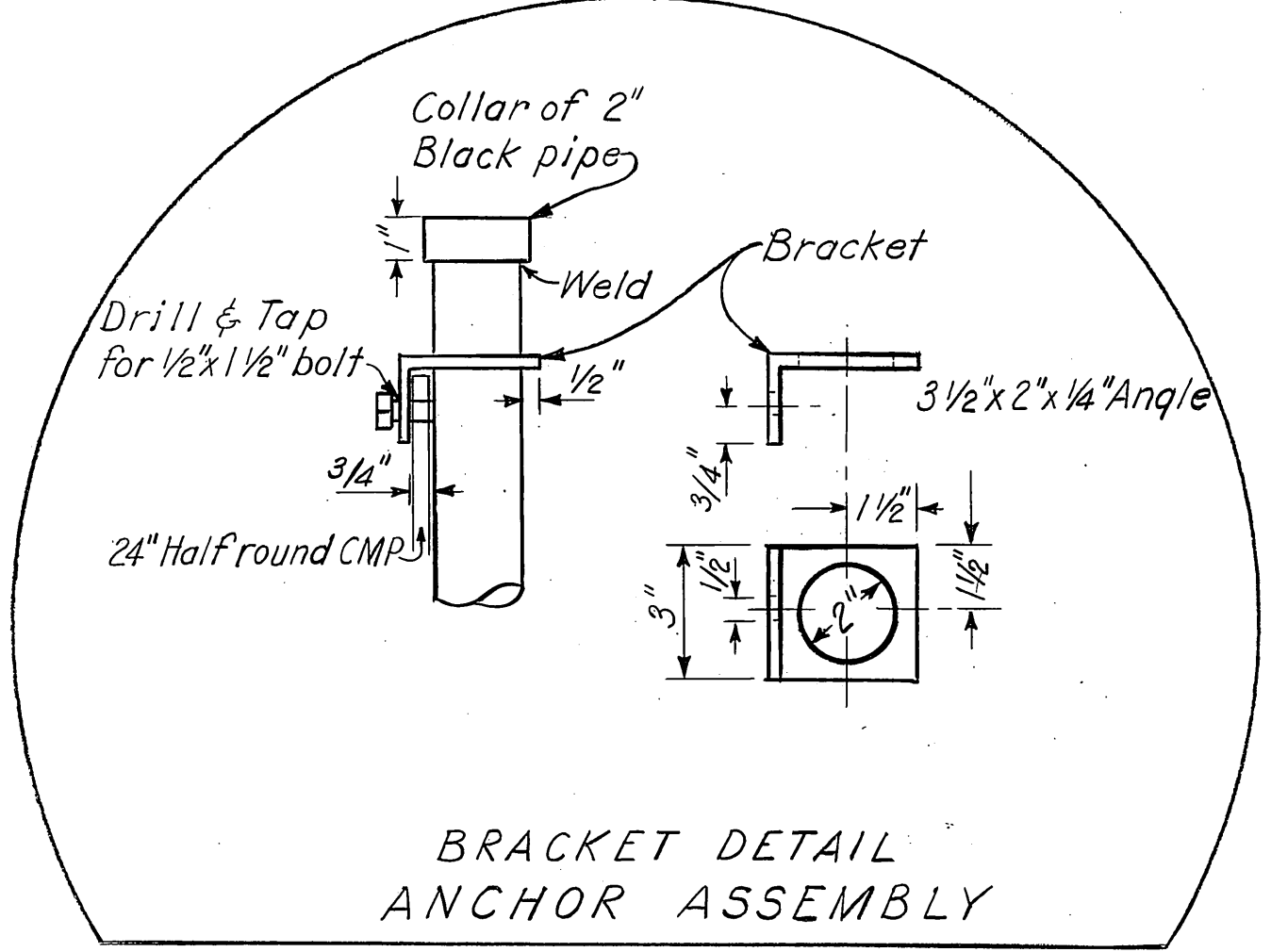
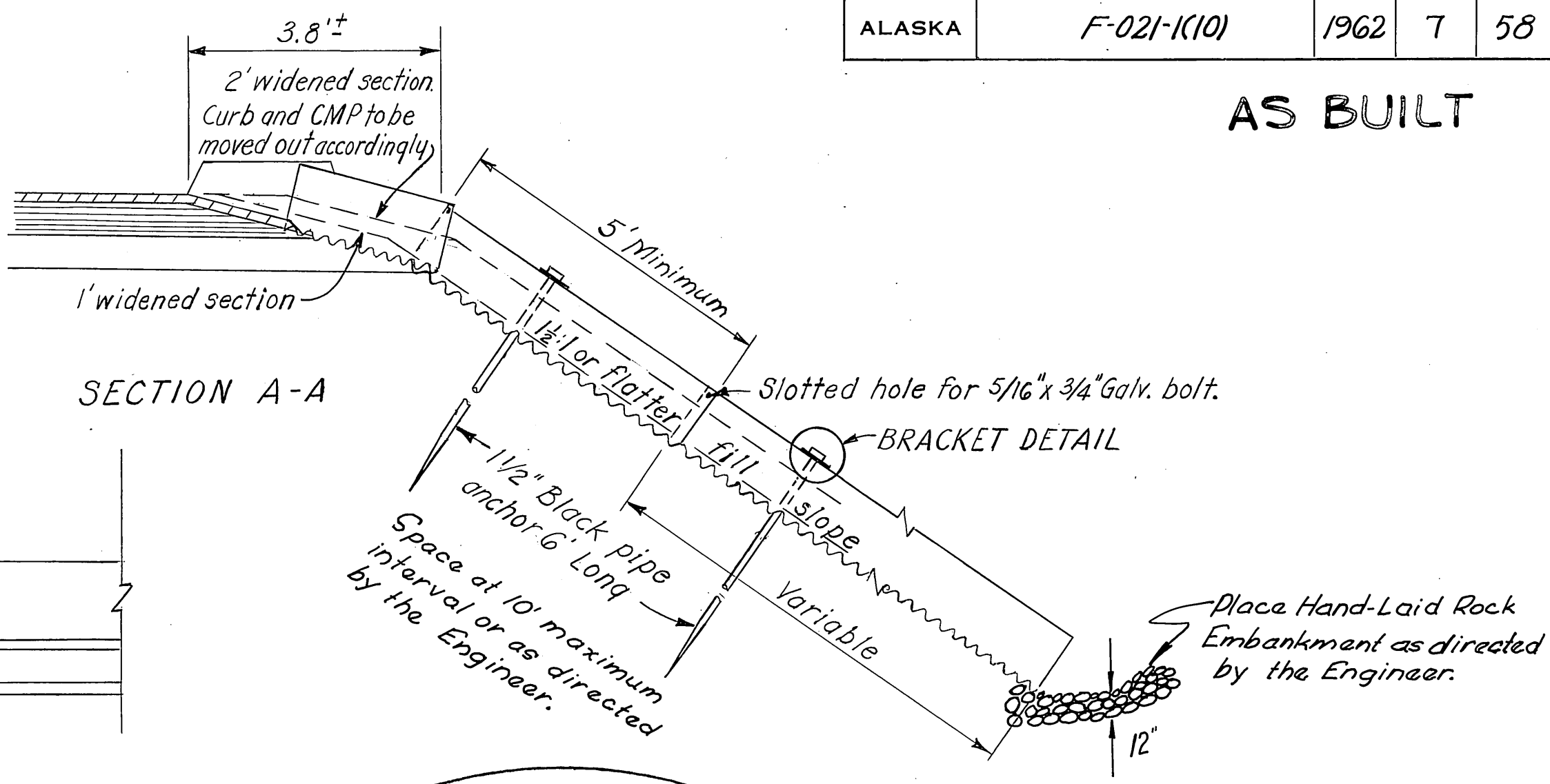
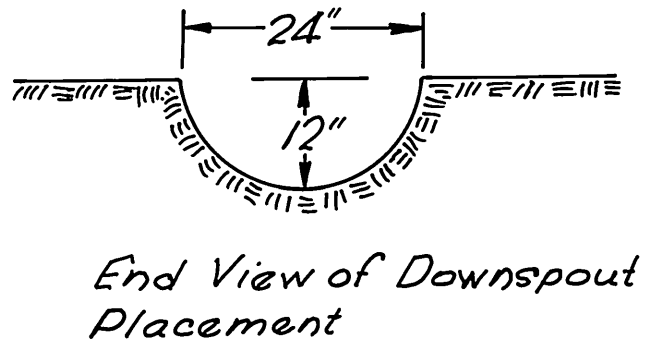
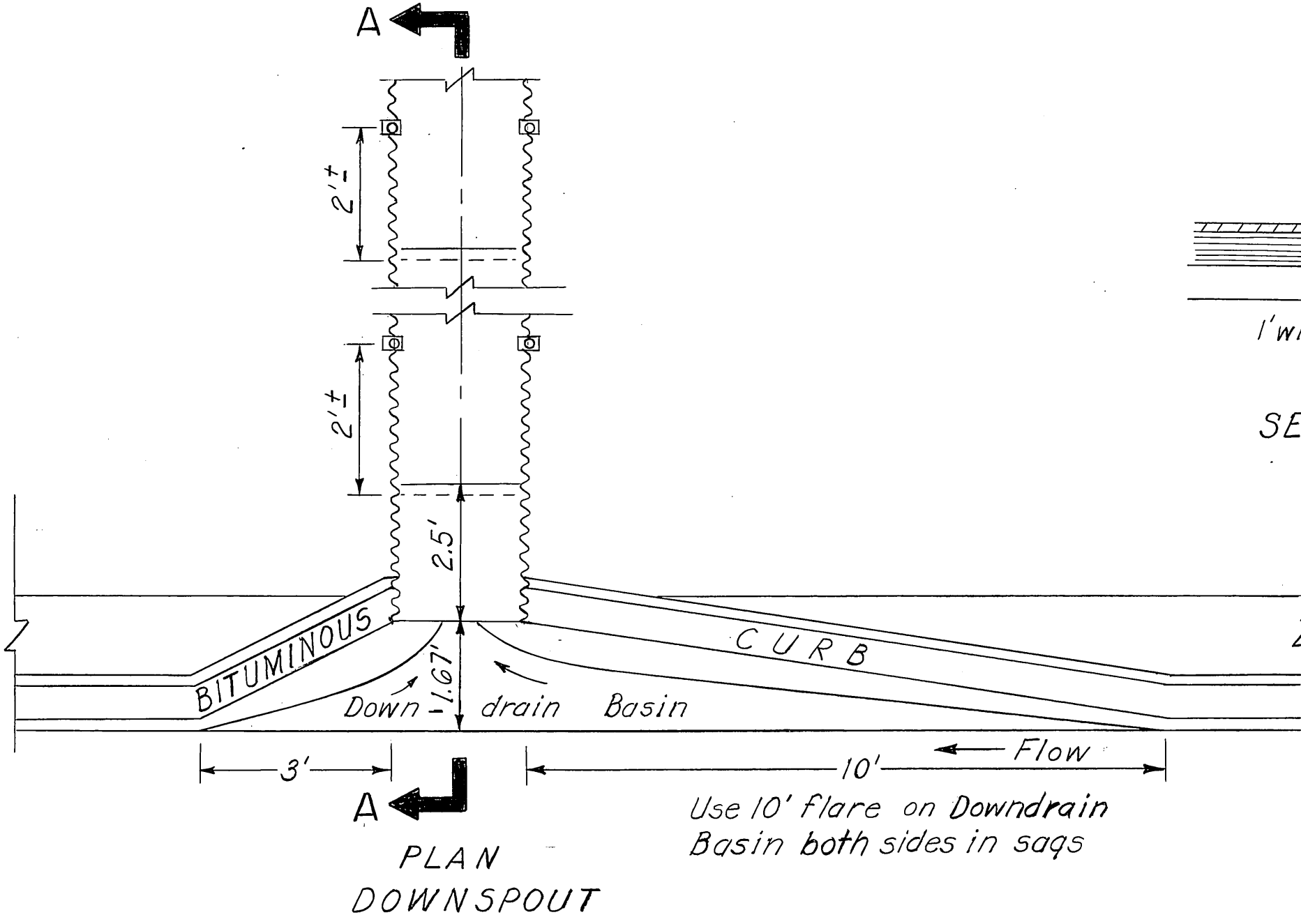
ROADWAY UNDERCUT

STA to STA	d
6036+00 to 6037+00	30"
6043+50 to 6045+00	36"

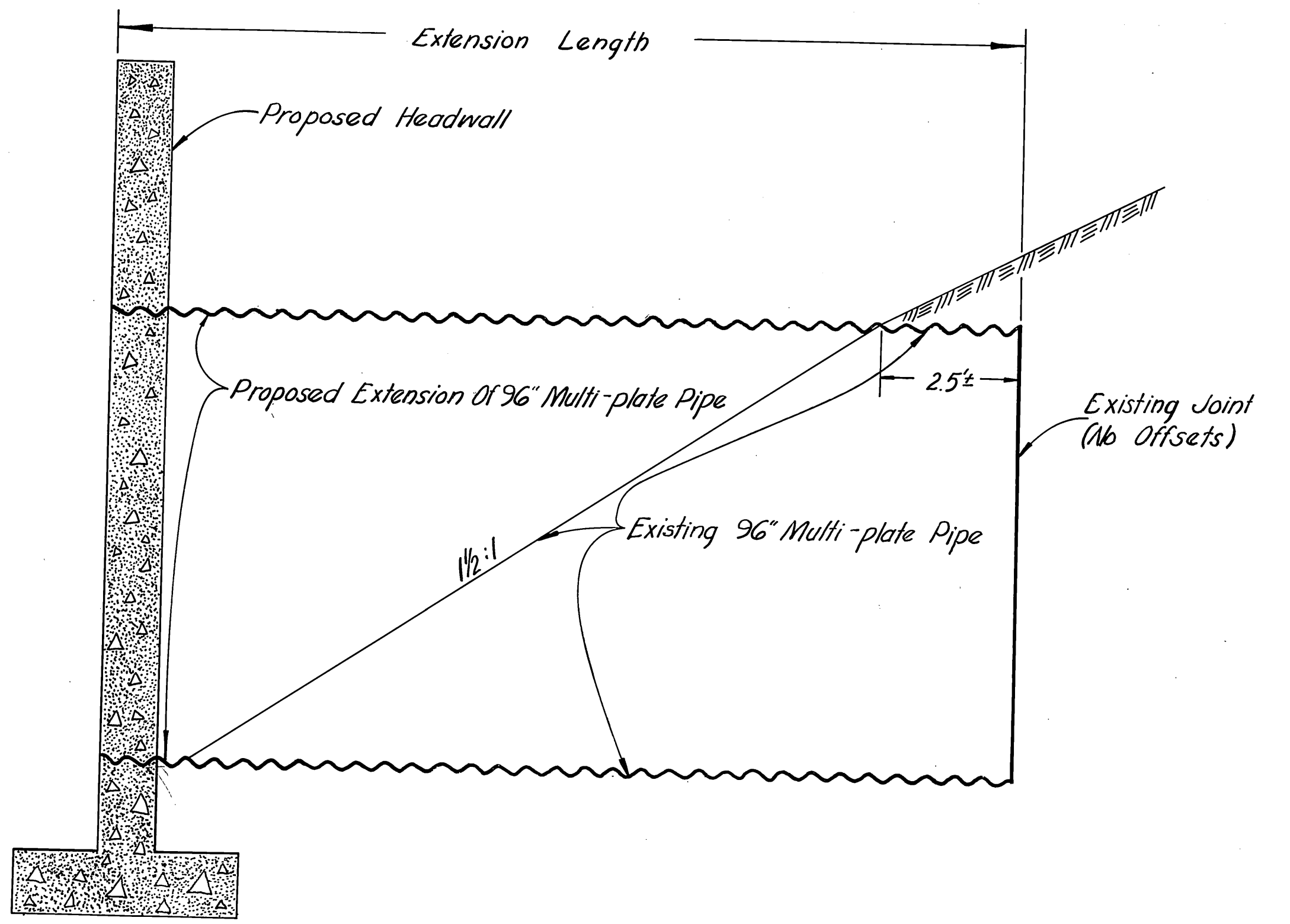


TYPICAL SECTION OF FB ROADWAY DITCH

STA to STA	W	Lt. or Rt.
5440+70 to 5443+80	12	Lt.
5525+72 to 5535+20	12	Rt.
5555+00 to 5565+00	12	Rt.
5584+00 to 5587+00	12	Rt.
5621+00 to 5625+00	12	Rt.
5937+00 to 5942+00	12	Rt.
6030+00 to 6043+25	8	Lt.



CHECK DAM DETAIL
For Normal Or Special 2' Flat Bottom Roadway Ditch
This work shall be paid for under Item 102(G)



EXTENSION OF 96" MULTI-PLATE PIPE

GENERAL NOTES

Design Specifications: AASHTO "Standard Specifications for Highway Bridges" 1961 and Tentative Revisions 1964.
Construction Specifications: Bureau of Public Roads Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP 57
and the special provisions of this Contract.

Earth Load: 36 p.s.f.

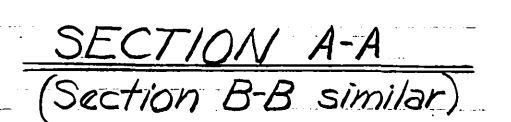
Unit Stresses: Reinforced Concrete; $f_c = 1200 \text{ p.s.i.}$

$$f_s = 20,000 \text{ p.s.i.}, \quad n = 10$$

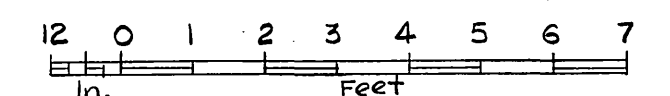
Concrete: All concrete shall be Class "A" with a minimum compressive strength of 3000 p.s.i. at 28 days.

Reinforcement Steel: All reinforcement steel shall be intermediate grade.

Footing Pressure: 1 ton per square foot.



Place reinforcement as shown.
n.f. indicates near face.
f.f. indicates far face.



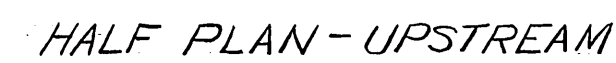
AT NORTH FORK, ANCHOR RIVER
AND AT DIAMOND CREEK

Alaska Department of Public Works
DIVISION OF HIGHWAYS
Juneau, Alaska

Date.....

Approved.....

DWNG. NO:.....



HALF PLAN- DOWNSTREAM

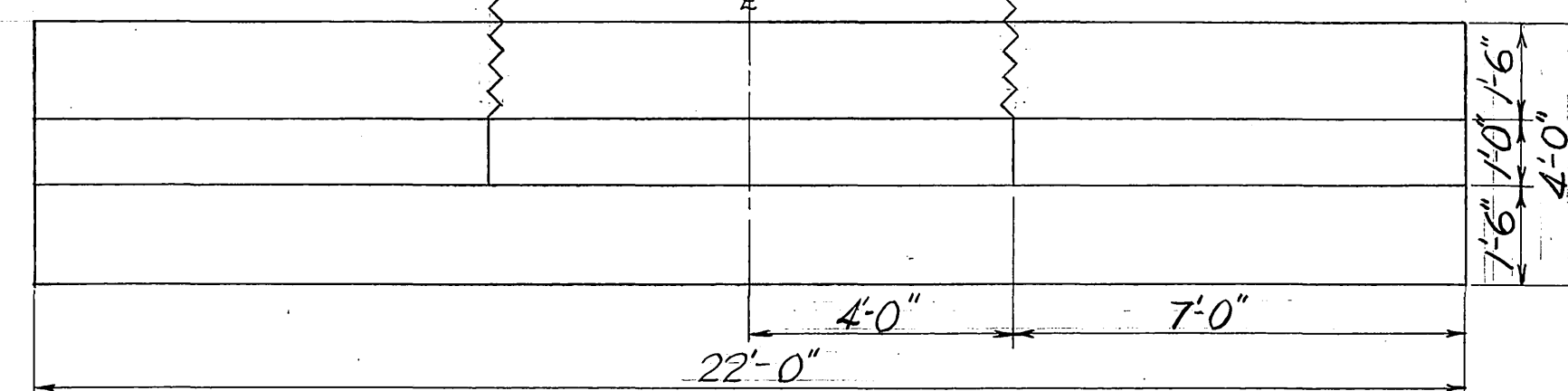
The image contains two structural drawings of a bridge pier, labeled "HALF ELEVATION - UPSTREAM" and "HALF ELEVATION - DOWNSTREAM".

HALF ELEVATION - UPSTREAM: This drawing shows two circular piers. The left pier has an invert elevation of 51.0, and the right pier has an invert elevation of 48.9. The piers are supported by a foundation with an elevation of 46.0. Reinforcement details include #6 bars, #5 bars, #4 bars, and #6x10 bars. The total width of the pier is 15 feet, and the height is 14 feet 2 inches. The drawing is labeled "HALF ELEVATION - UPSTREAM".

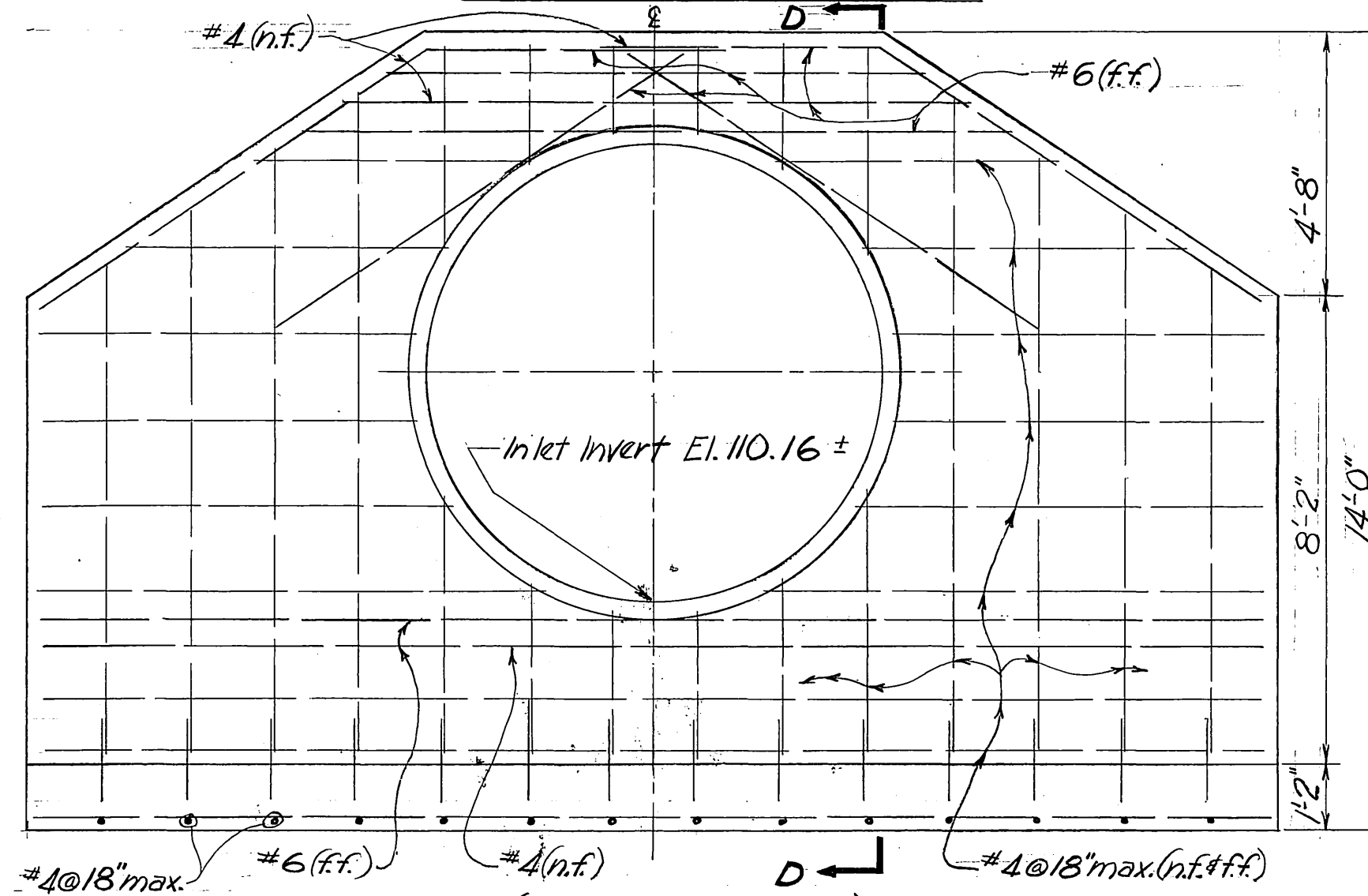
HALF ELEVATION - DOWNSTREAM: This drawing shows two circular piers. The left pier has an invert elevation of 48.5, and the right pier has an invert elevation of 43.5. The piers are supported by a foundation with an elevation of 43.5. Reinforcement details include #6 bars, #5 bars, #4 bars, and #6x10 bars. A 4-inch weep hole is shown in the left pier. The total width of the pier is 15 feet, and the height is 14 feet 2 inches. The drawing is labeled "HALF ELEVATION - DOWNSTREAM".

HALF ELEVATION-DOWNSTREAM

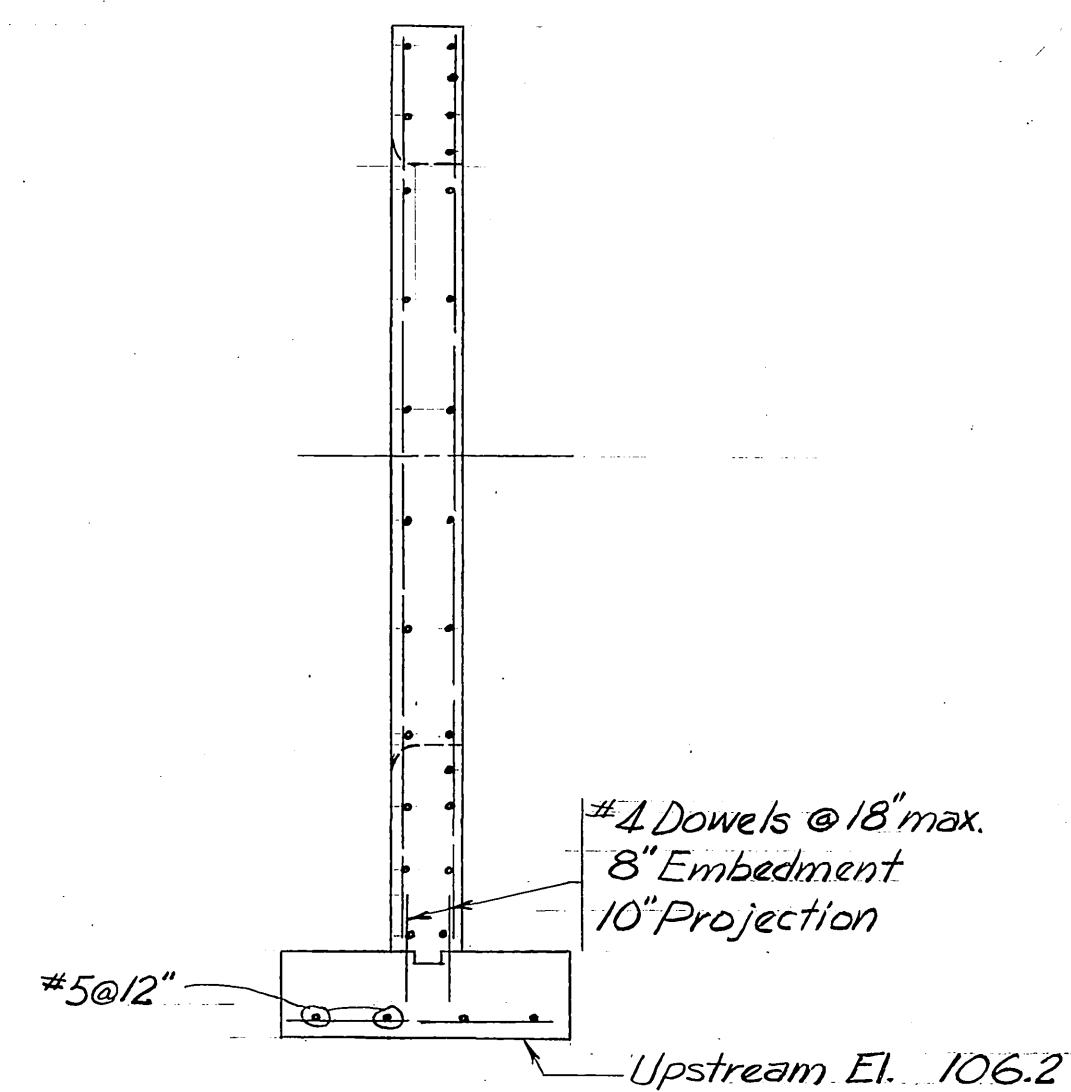
STA. 5301+12



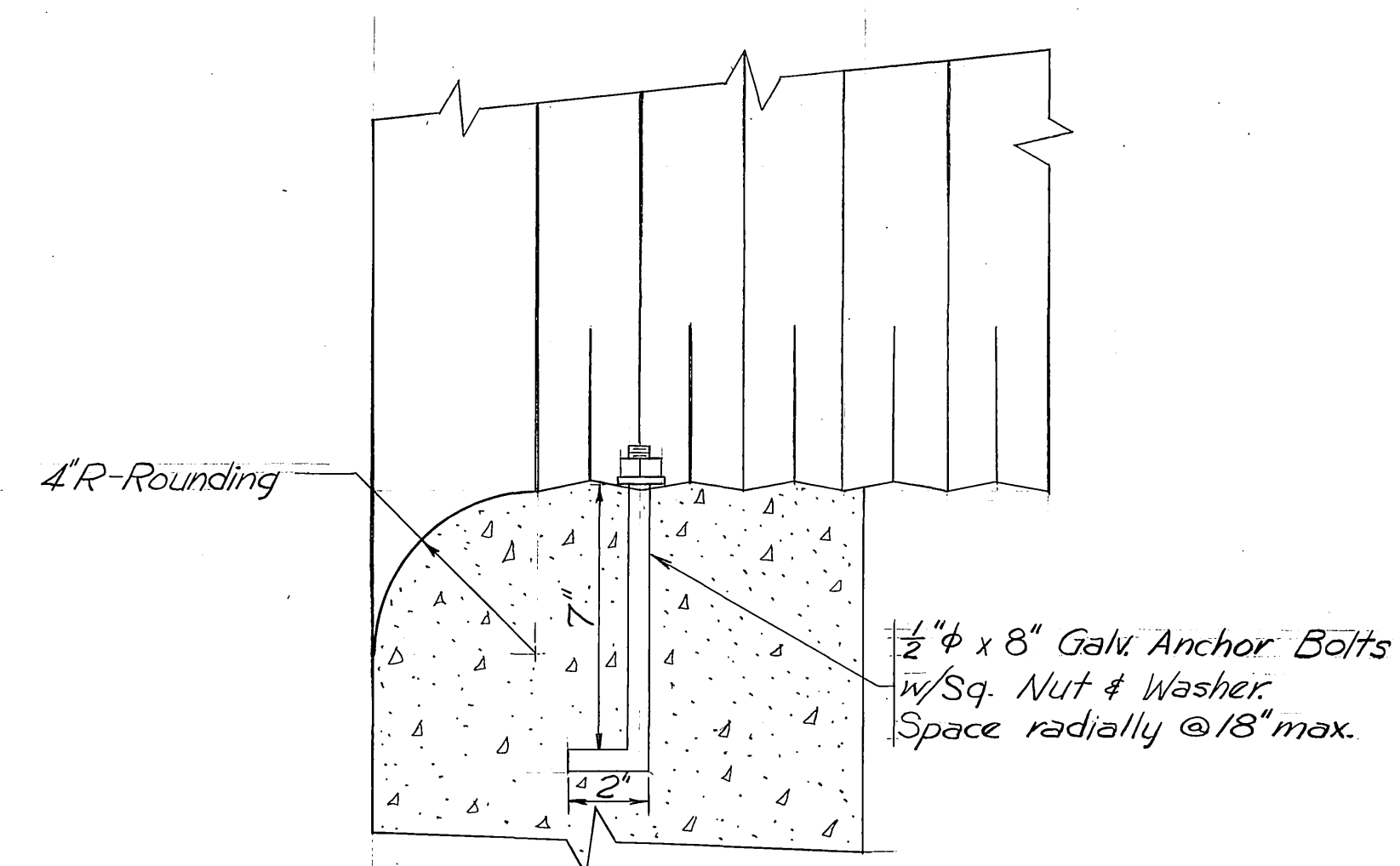
PLAN-DIAMOND CREEK



(Upstream end only)
ELEVATION-DIAMOND CREEK- STA. 5928+70



SECTION D-D



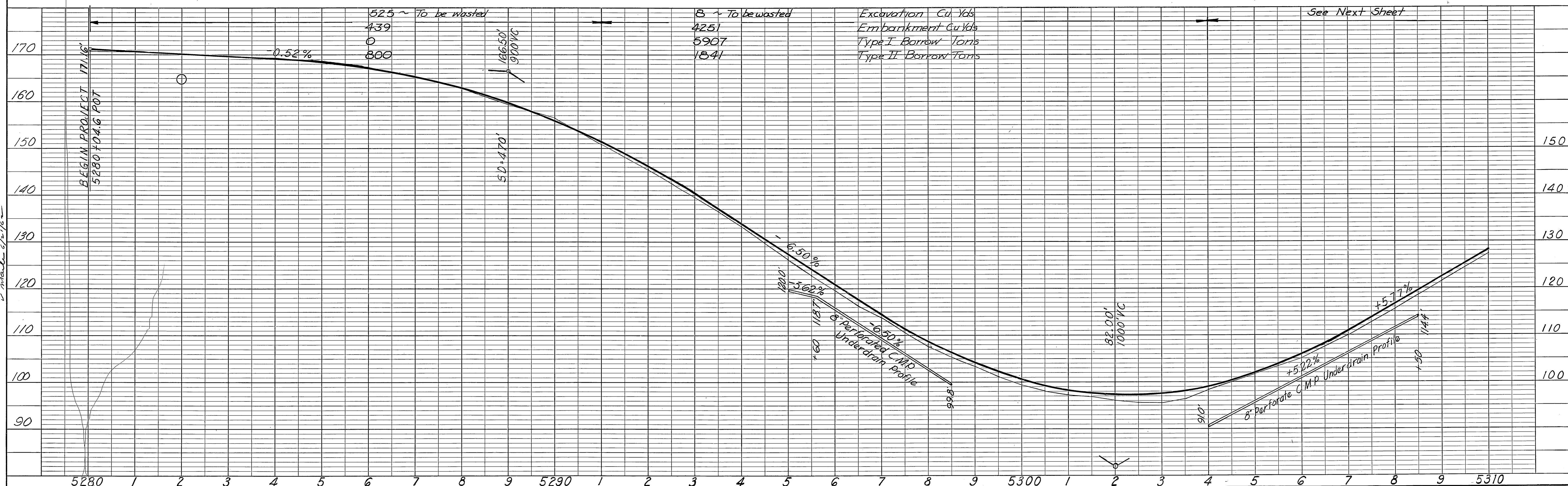
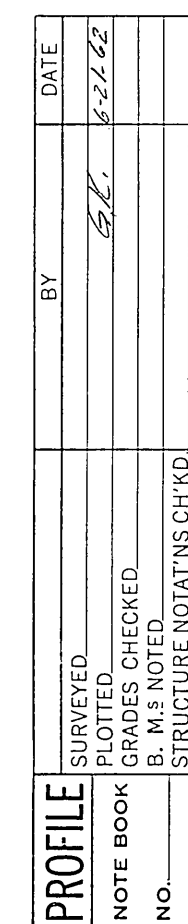
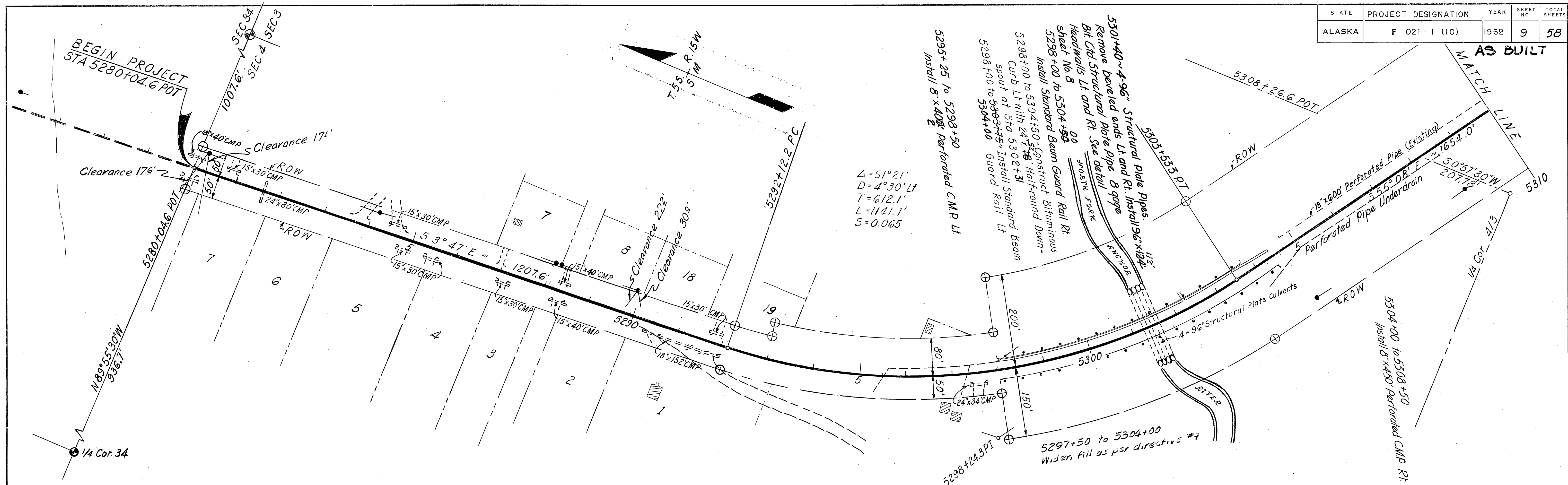
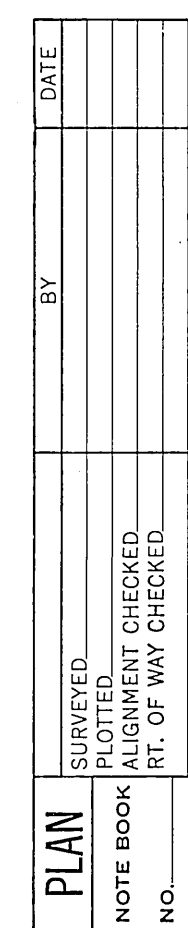
SECTION C-C

(Typ. all culverts)

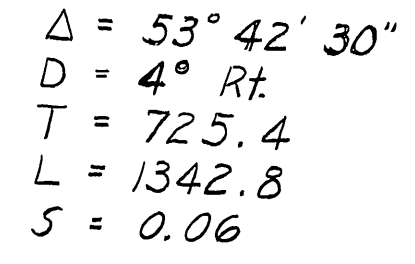
[illegible]

Designed By KAM Date 10 Aug. 62
 Checked By _____ Date _____
 Drawn By KAM Date 15 Aug. 62
 Checked By CB Date 15 Aug. 62
 Traced By _____ Date _____

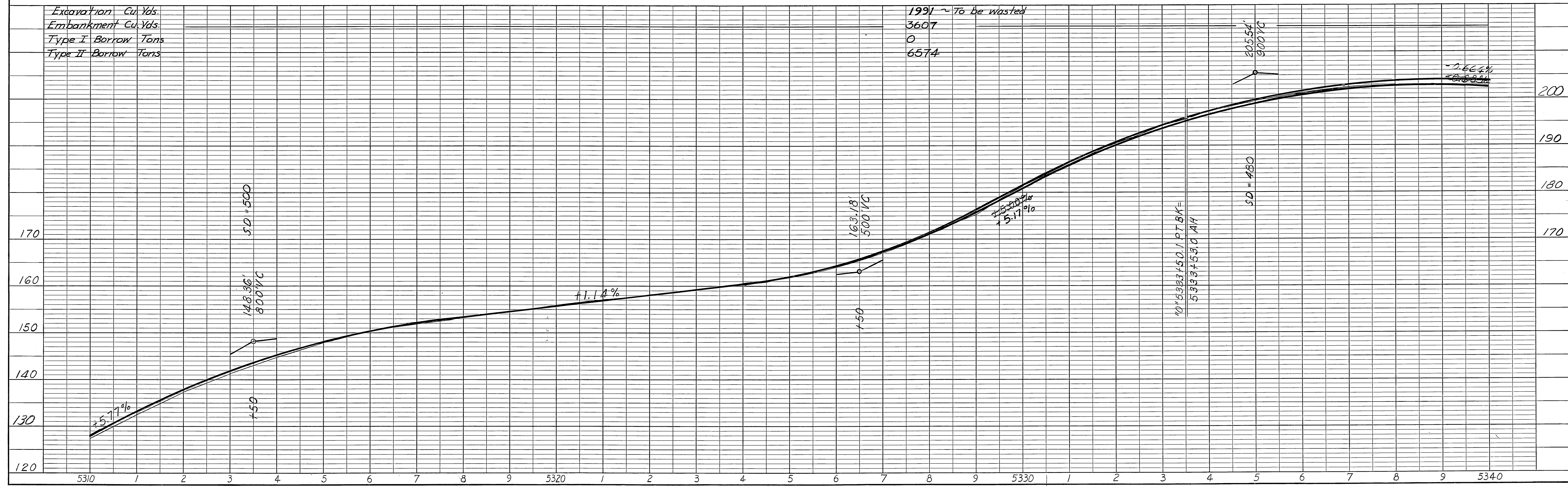
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021- I (10)	1962	9	58



AS BUILT



1991 ~ To be wasted					
3607					
0					
6574					



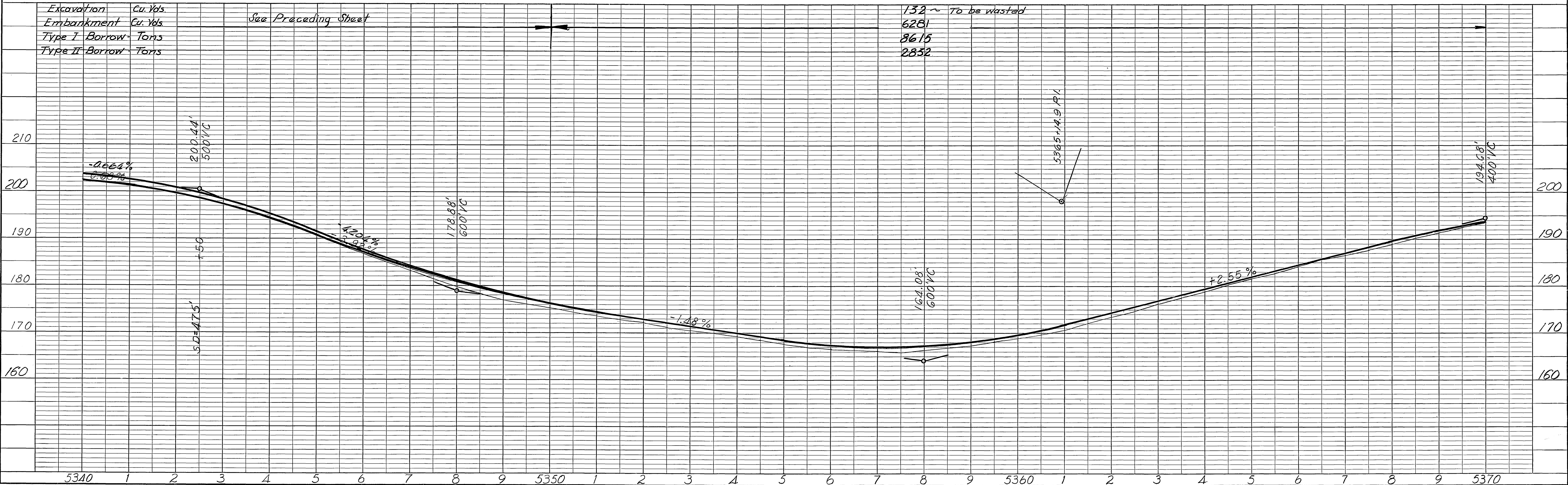
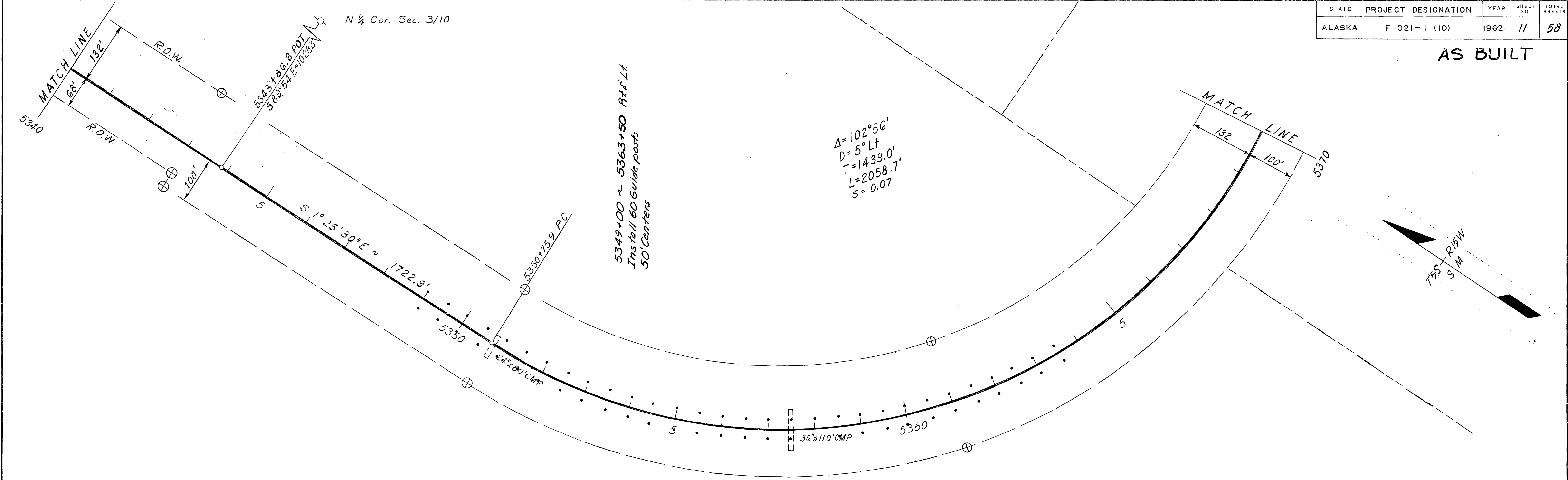
A-5L

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	11	58

AS BUILT

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

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

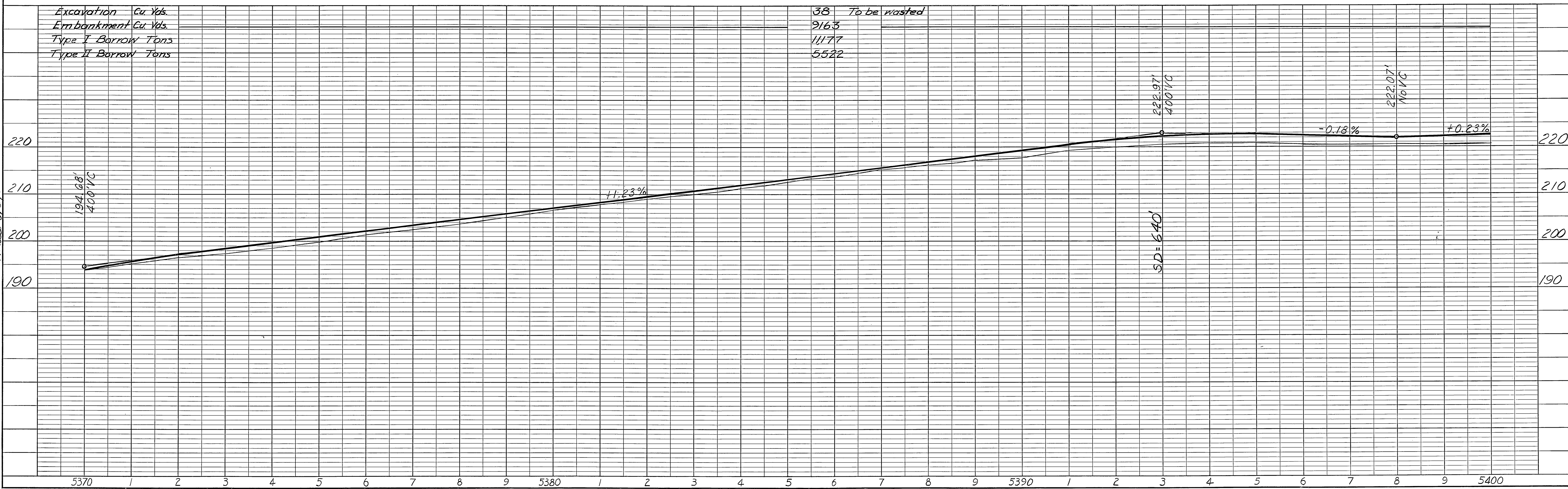
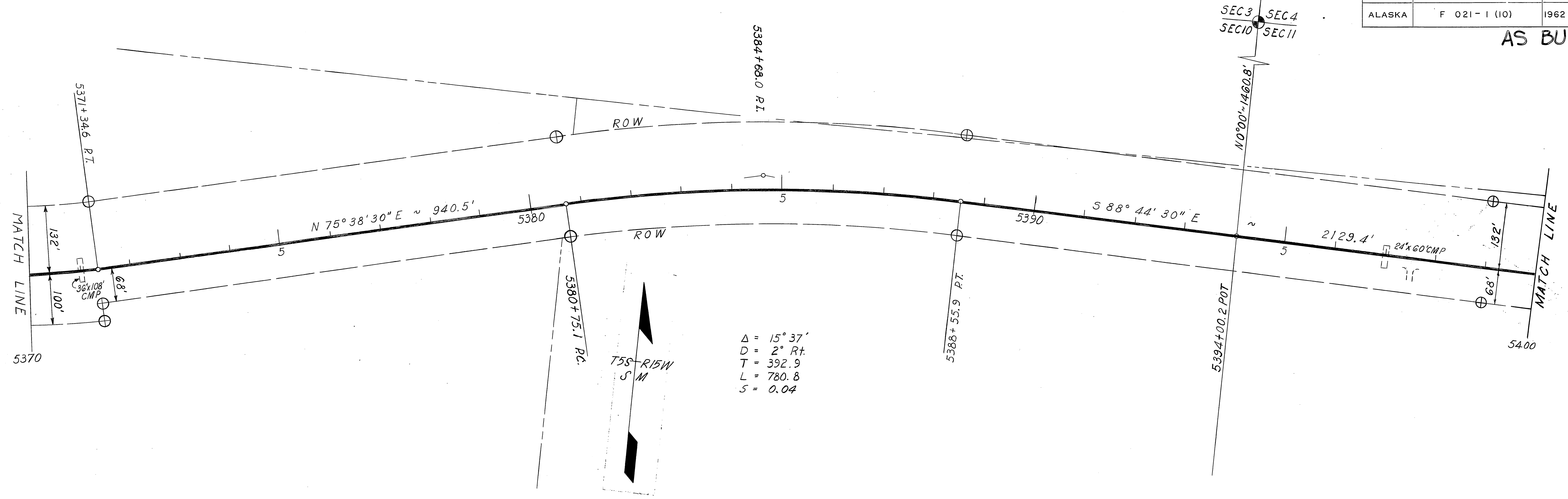


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	PLOTTED		
	NOTED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO.		

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	12	58

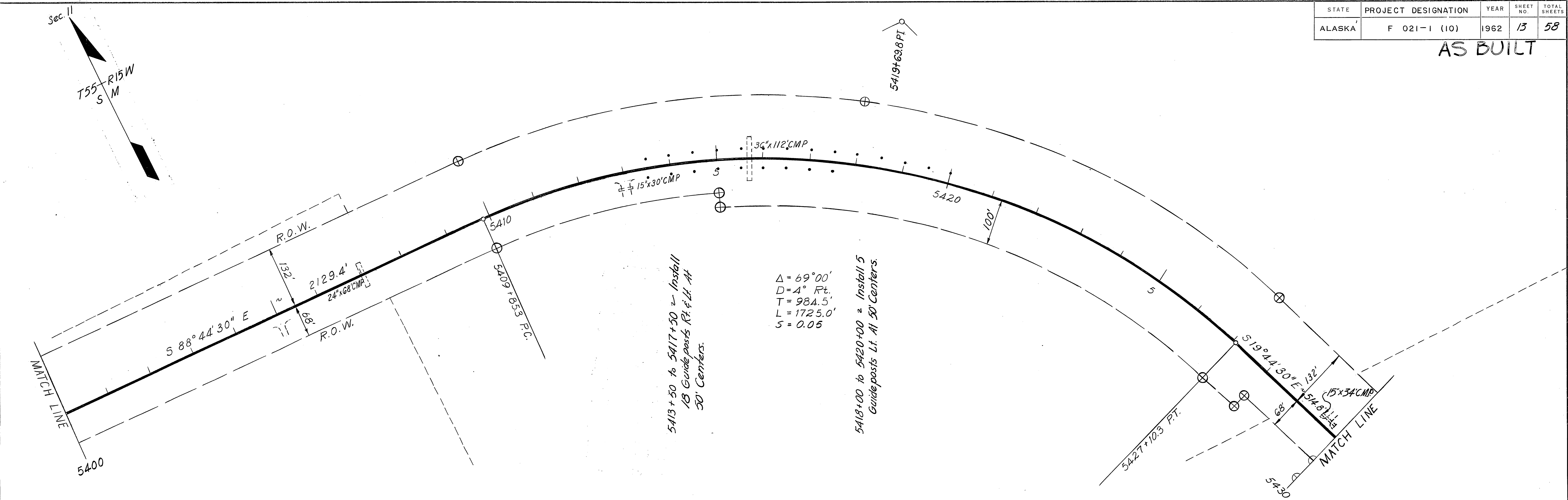
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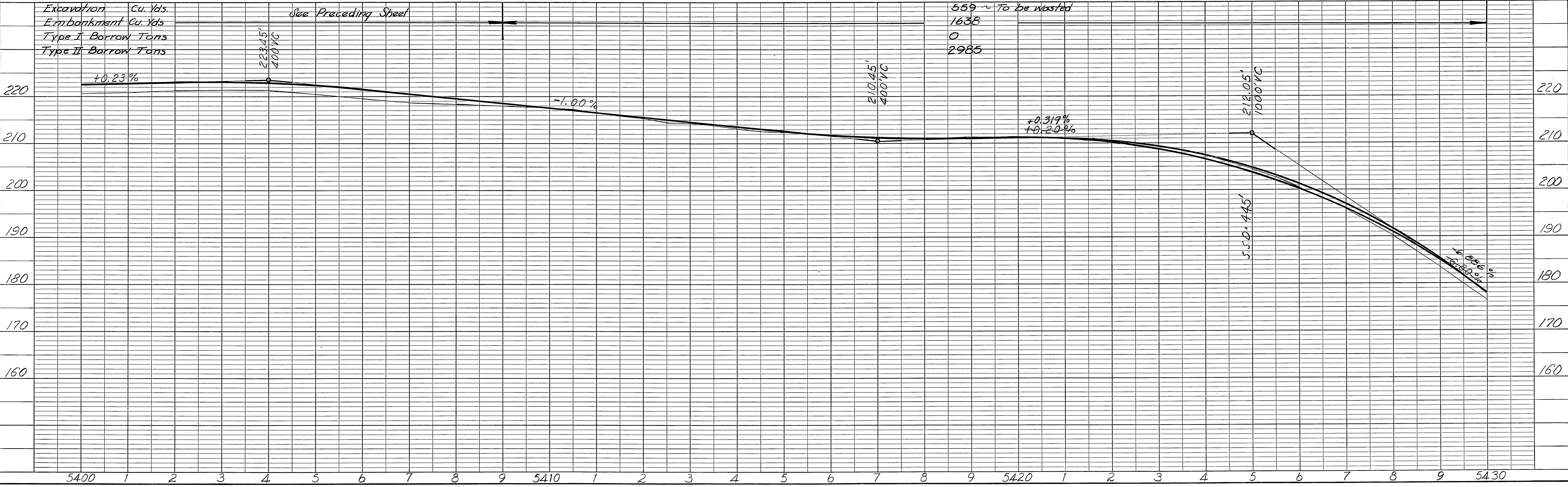
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	13	58

AS BUILT

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		



PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		



A-5 L

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

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

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	14	58

AS BUILT

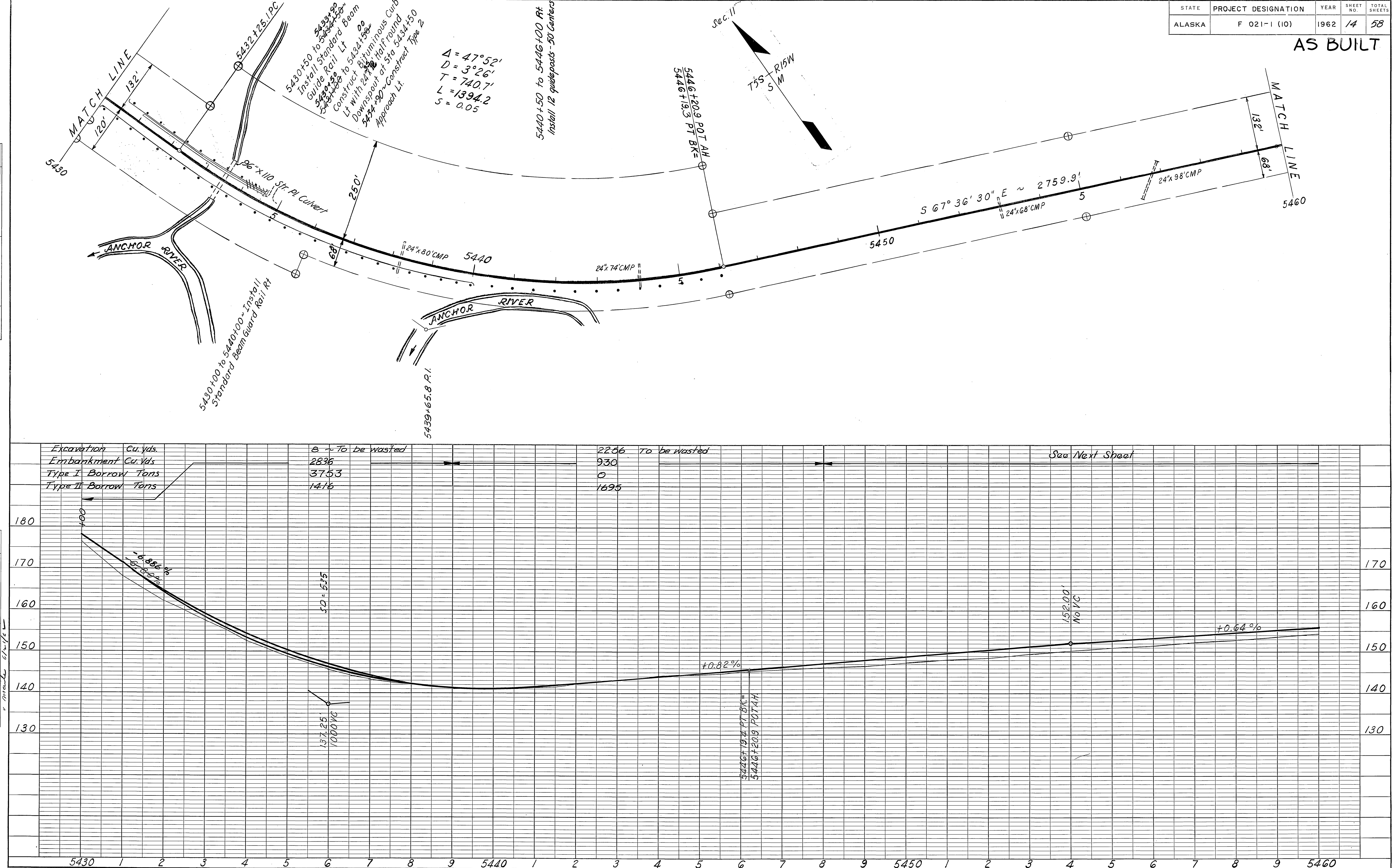


PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

HERCULENE NO. P9163 P. C. O. N. Y. 63934

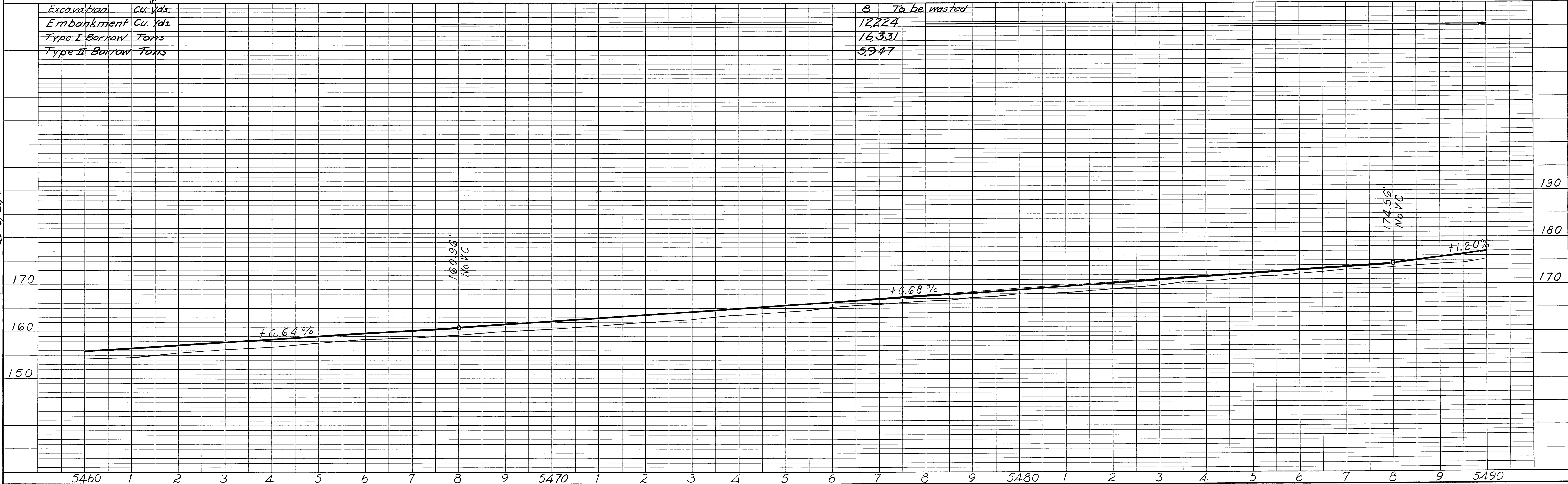
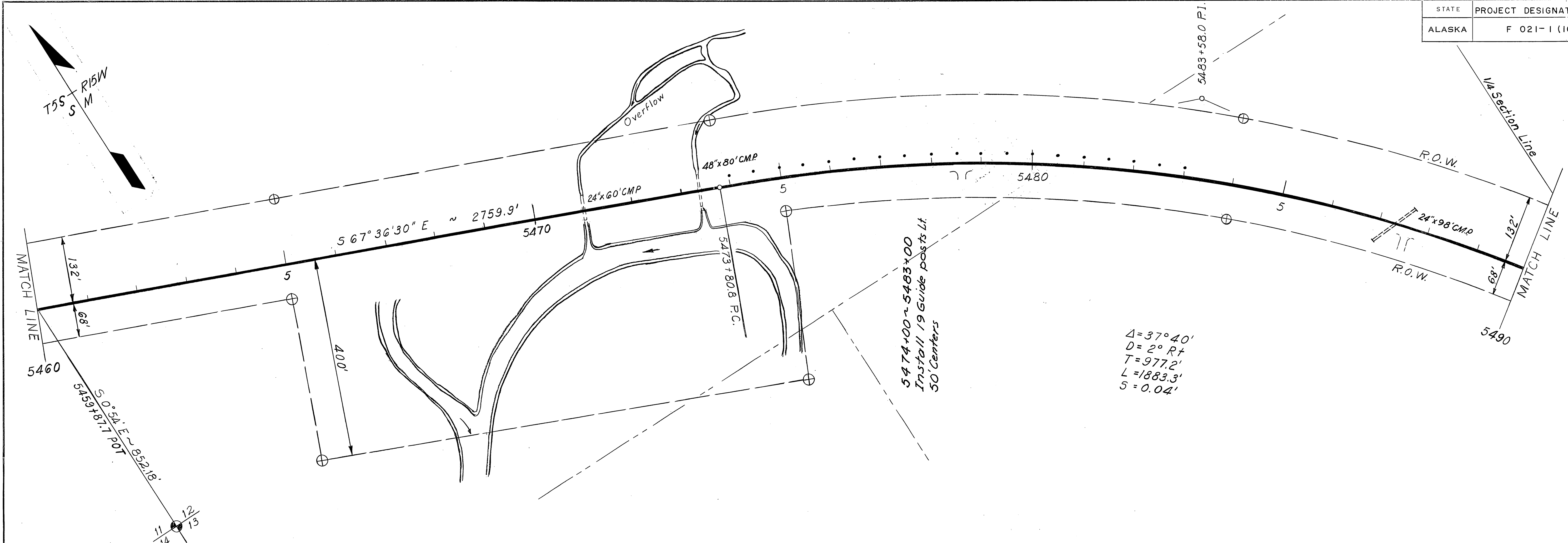
A-5 L

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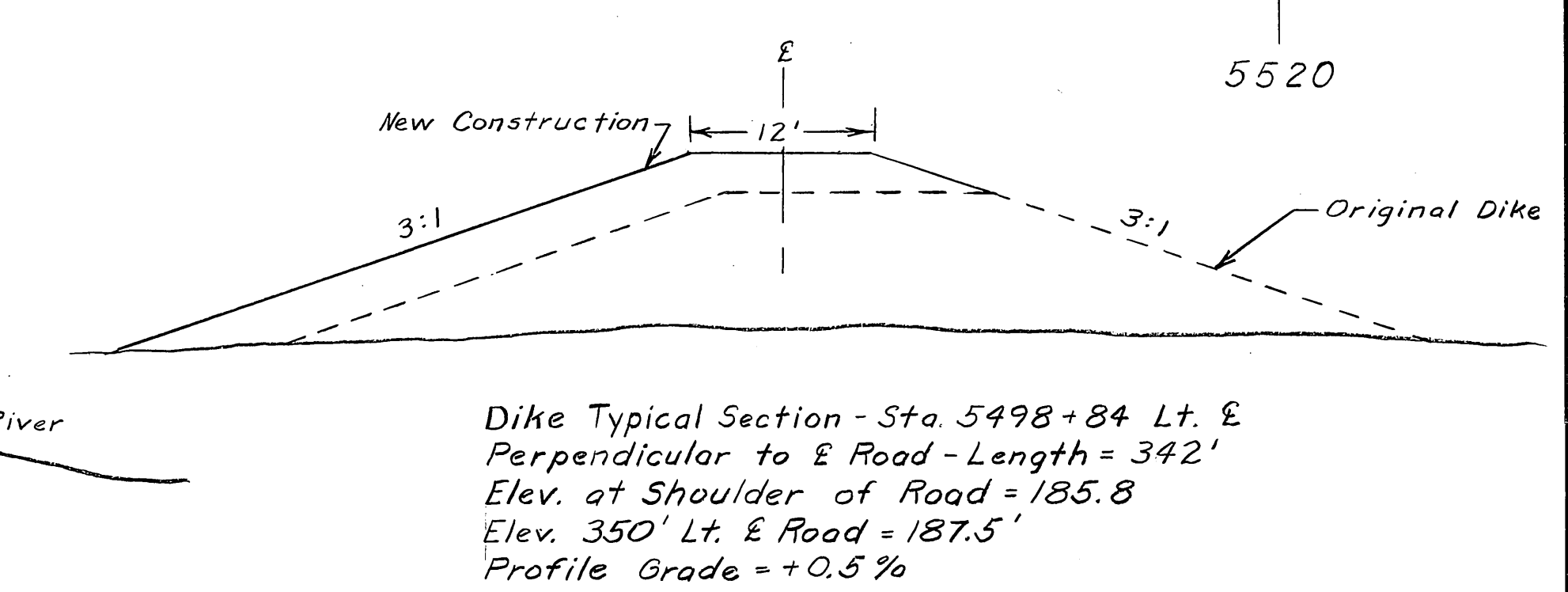
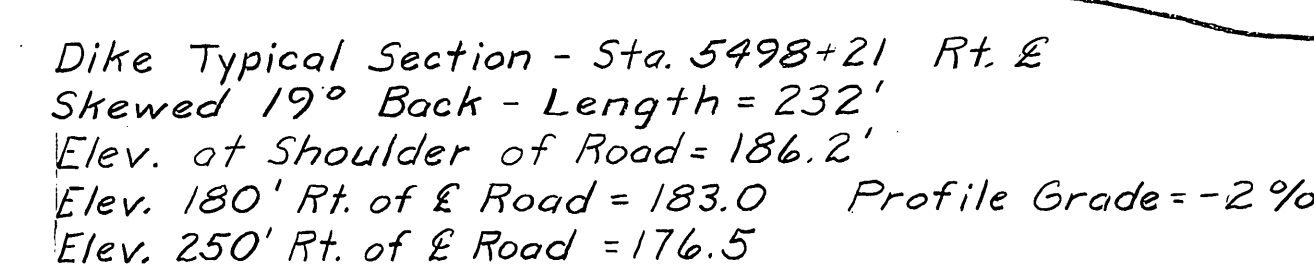
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PLAN	SURVEYED	DATE
NOTE BOOK	NO.	
NO.		

PROFILE	SURVEYED	DATE
NOTE BOOK	NO.	
NO.		

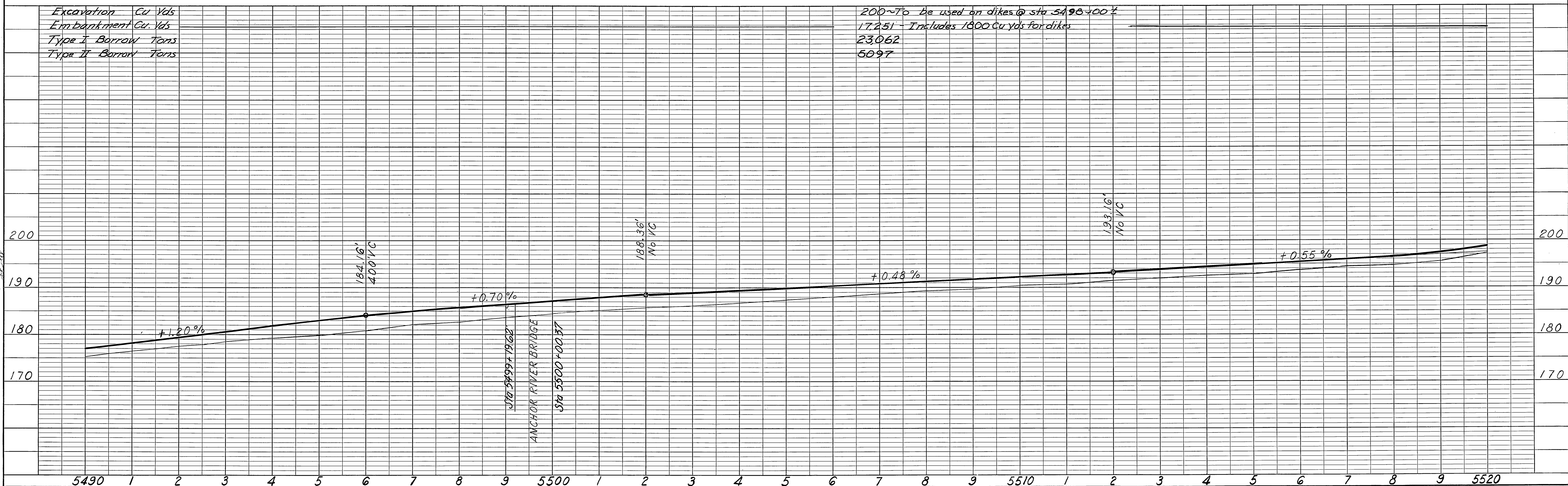


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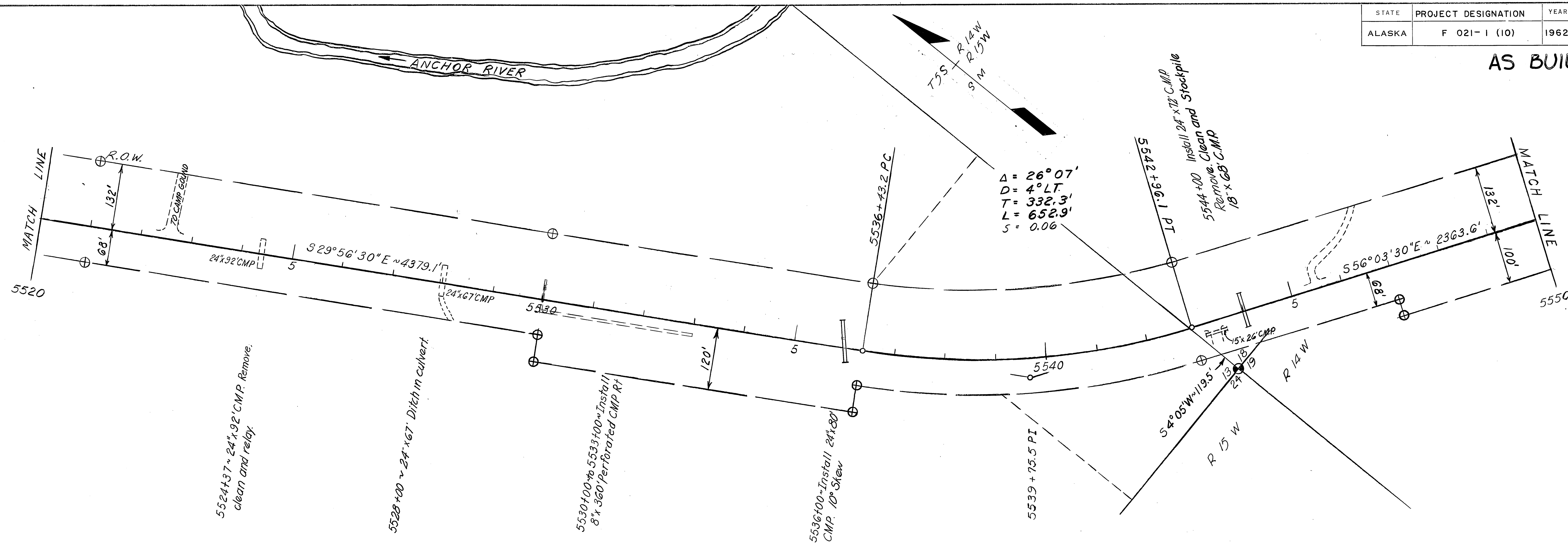
Excavation	Cu	Vds
Embankment	Cu.	Vds
Type I Borrow	Tons	
Type II Borrow	Tons	

200 ~ To be used on dikes @ sta 5498 + 00 ±
17,251 - Includes 1800 Cu yds for dikes
23,062
5097

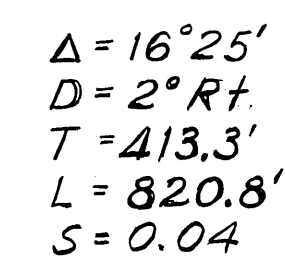


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021- I (10)	1962	17	58

AS BUILT



AS BUILT



Excavation Cu. Yds.
Embankment Cu. Yds.
Type I Borrow Tons.
Type II Borrow Tons.

207 to be wasted
10,098
13,636
5,289

259.39'
800' VC

-0.801%
+0.37%

SD = 610'

229.75'
1000' VC

+0.37%
+2.31%

235.67'
400' VC

5550 1 2 3 4 5 6 7 8 9 5560 1 2 3 4 5 6 7 8 9 5570 1 2 3 4 5 6 7 8 9 5580

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	RT. OF WAY CHECKED		

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	20	58

AS BUILT

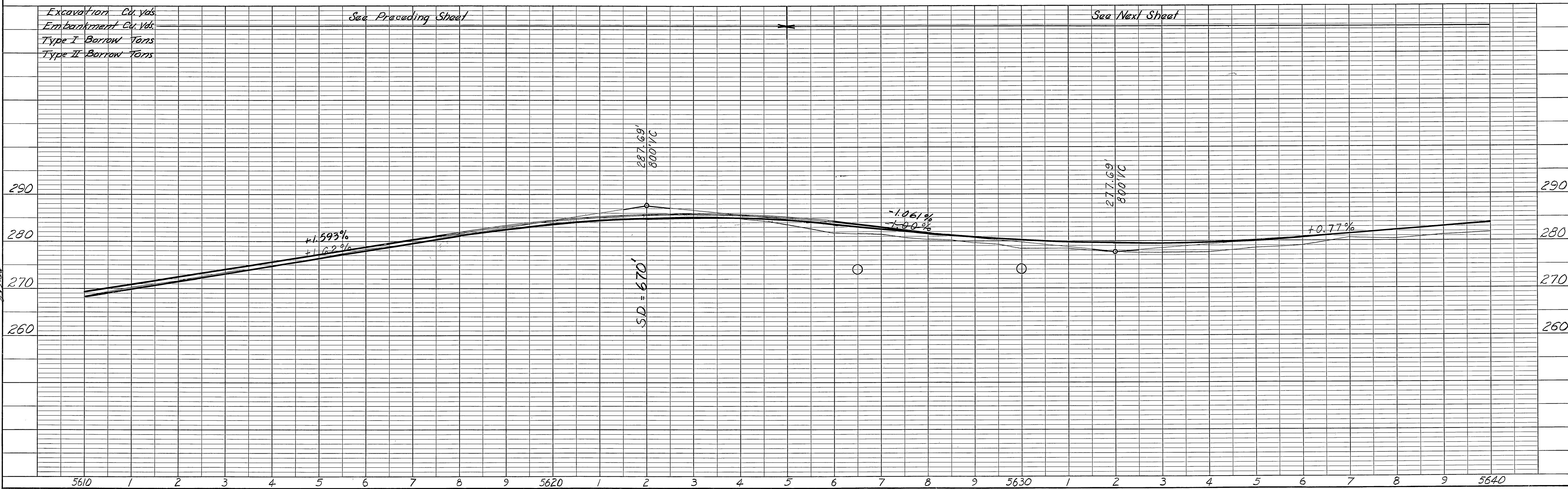
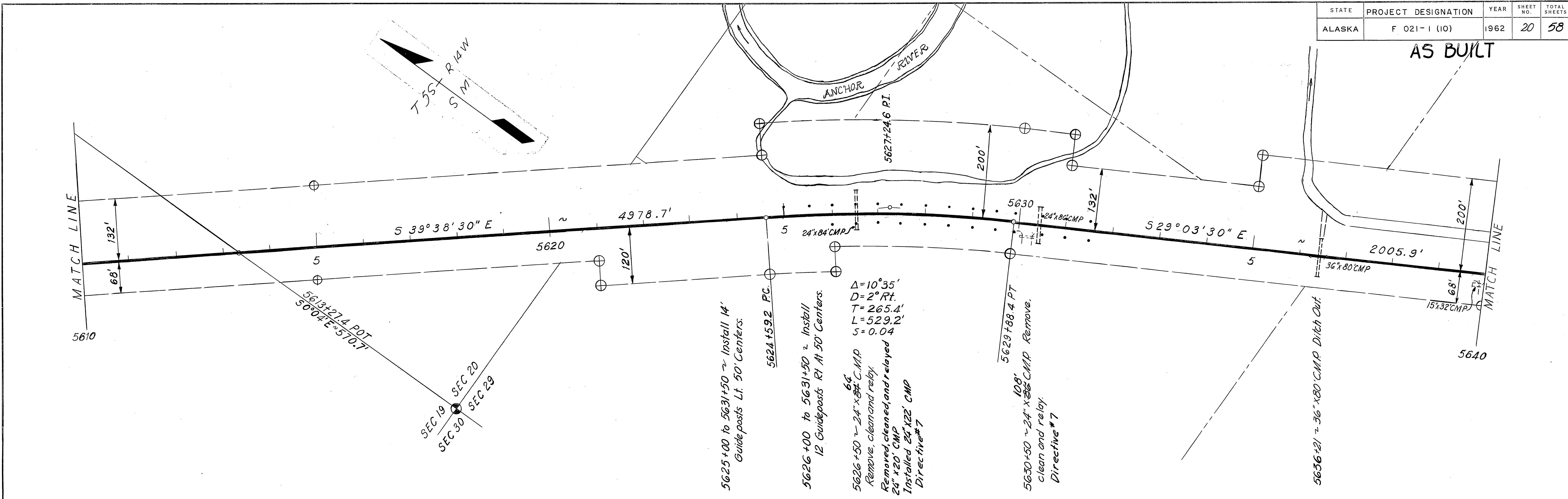


PLATE 1 - PLAN - PROFILE O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

HERCULENE NO. P8163 A & C CO., N.Y. 62834

A-5L

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

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

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	21	58

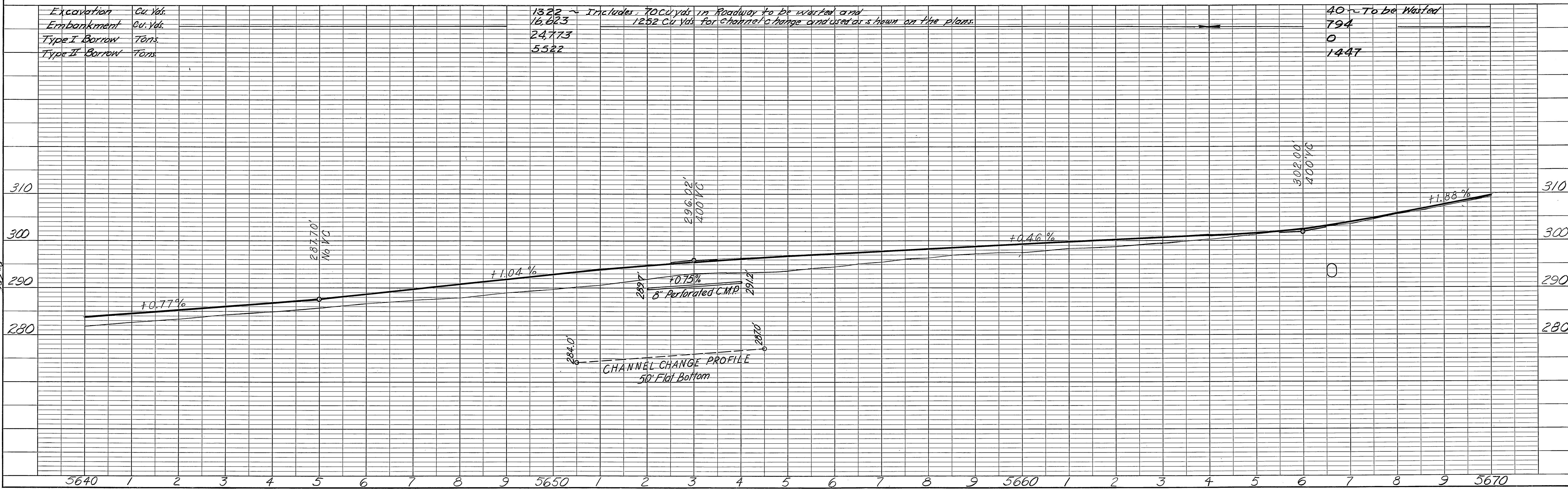
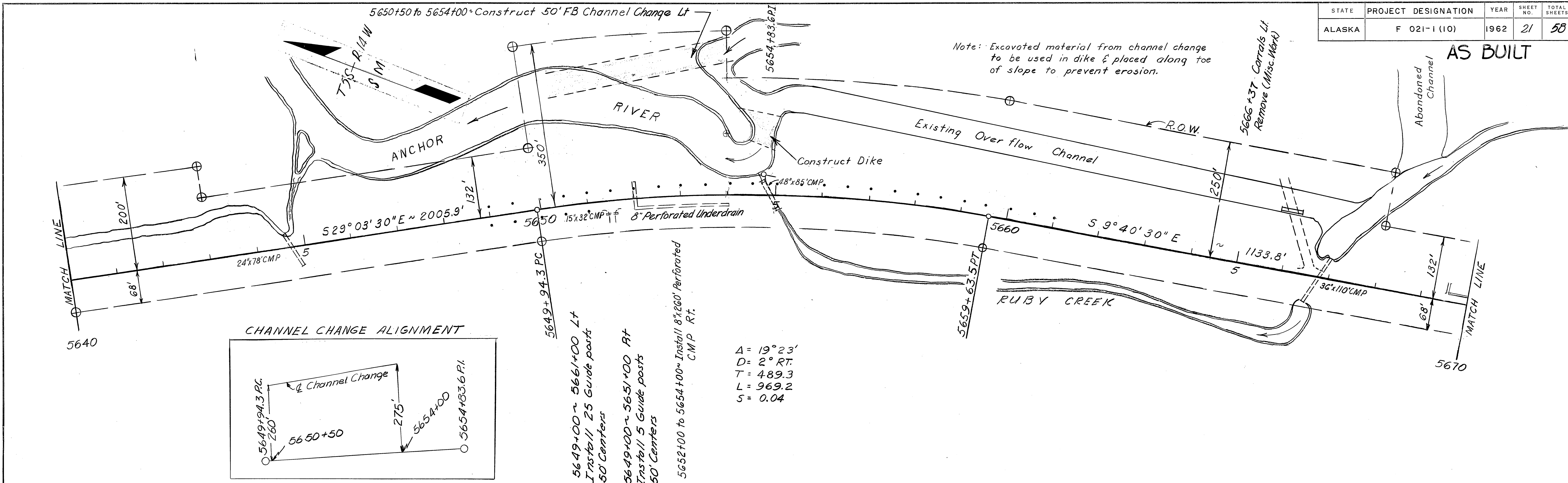


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KEUFFEL & ESSER CO. NEW YORK.

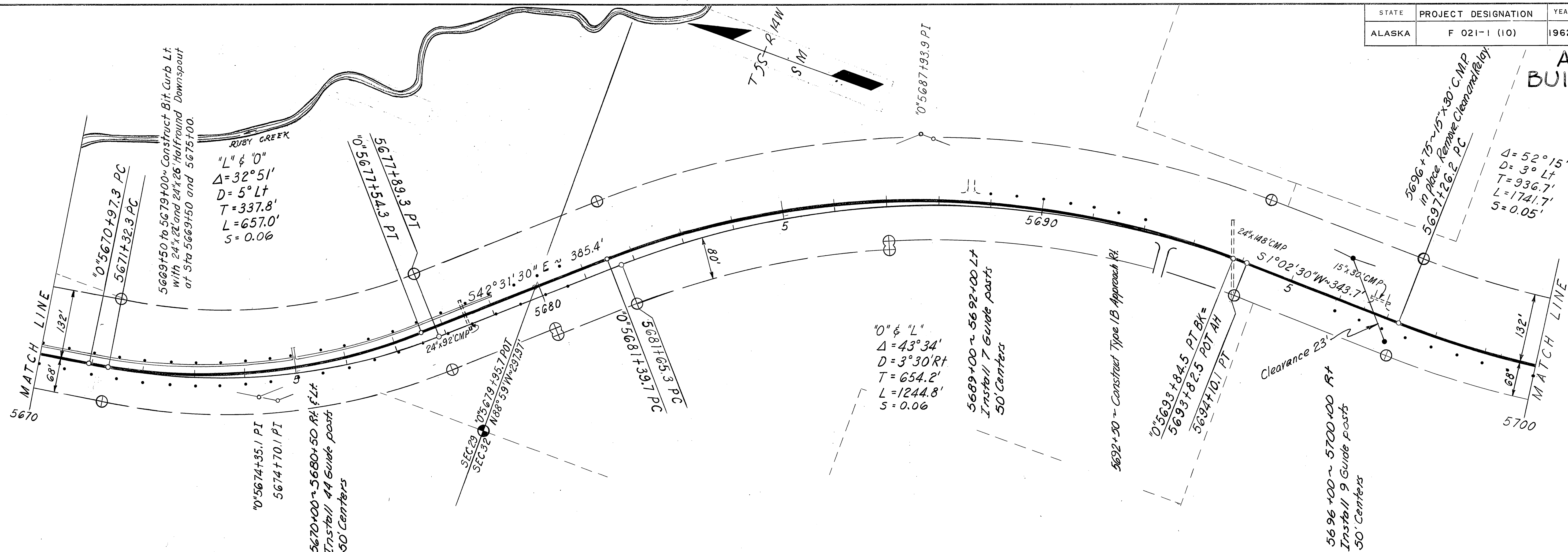
HERCULENE NO. PB103 K & E CO. N.Y. 62834

A-5L

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	22	58

AS
BUILT

$\Delta = 52^\circ 15'$
 $D = 3^\circ \text{ Lt}$
 $T = 936.7'$
 $L = 1741.7'$
 $S = 0.05'$



Excavation Cu. Yds	0
Embankment Cu. Yds	2959
Type I Borrow Tons	4259
Type II Borrow Tons	1134

530 To be wasted	
2487	
0	
4532	

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

PROFILE	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	GRADES CHECKED
	NO.	RT. OF WAY CHECKED

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	23	58

AS BUILT

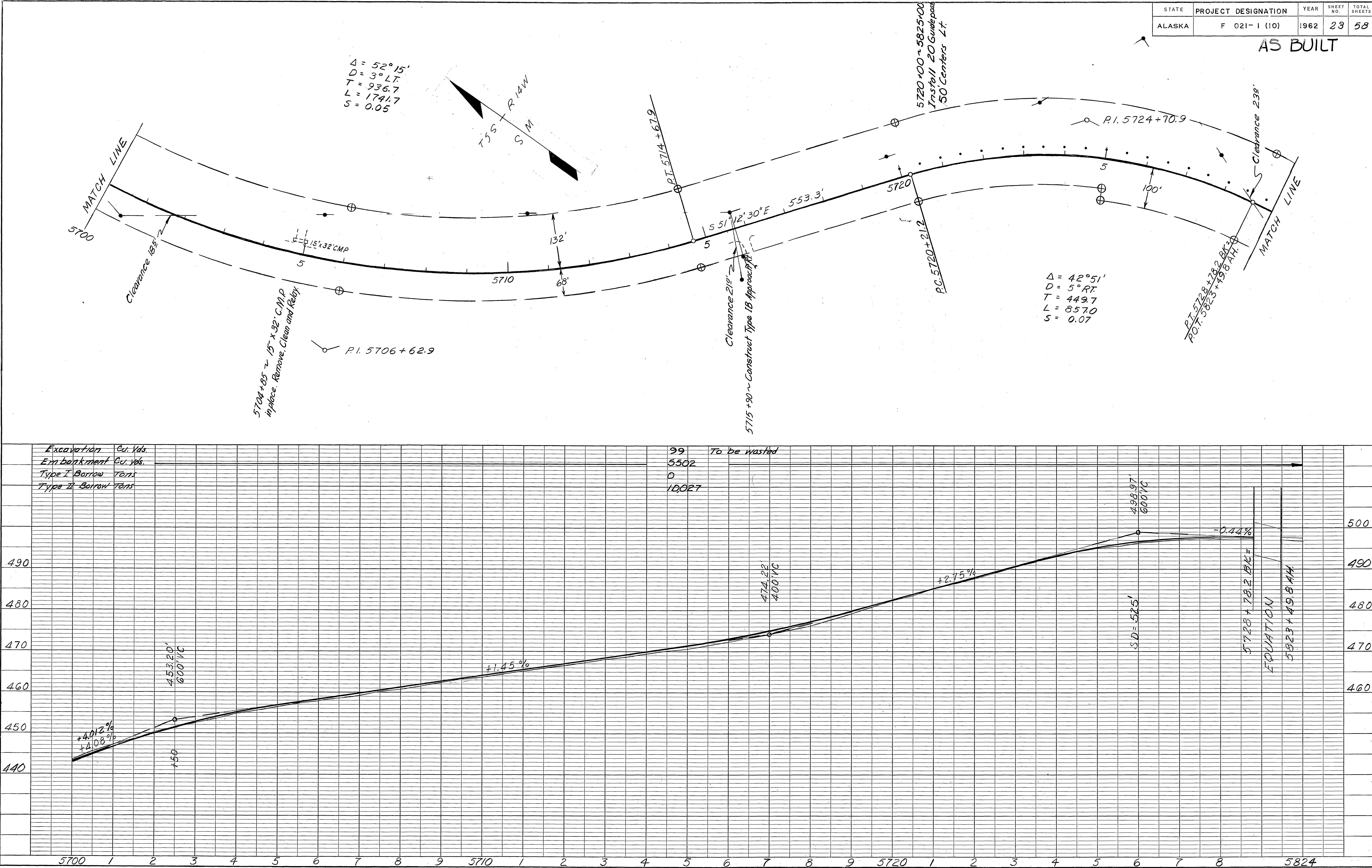
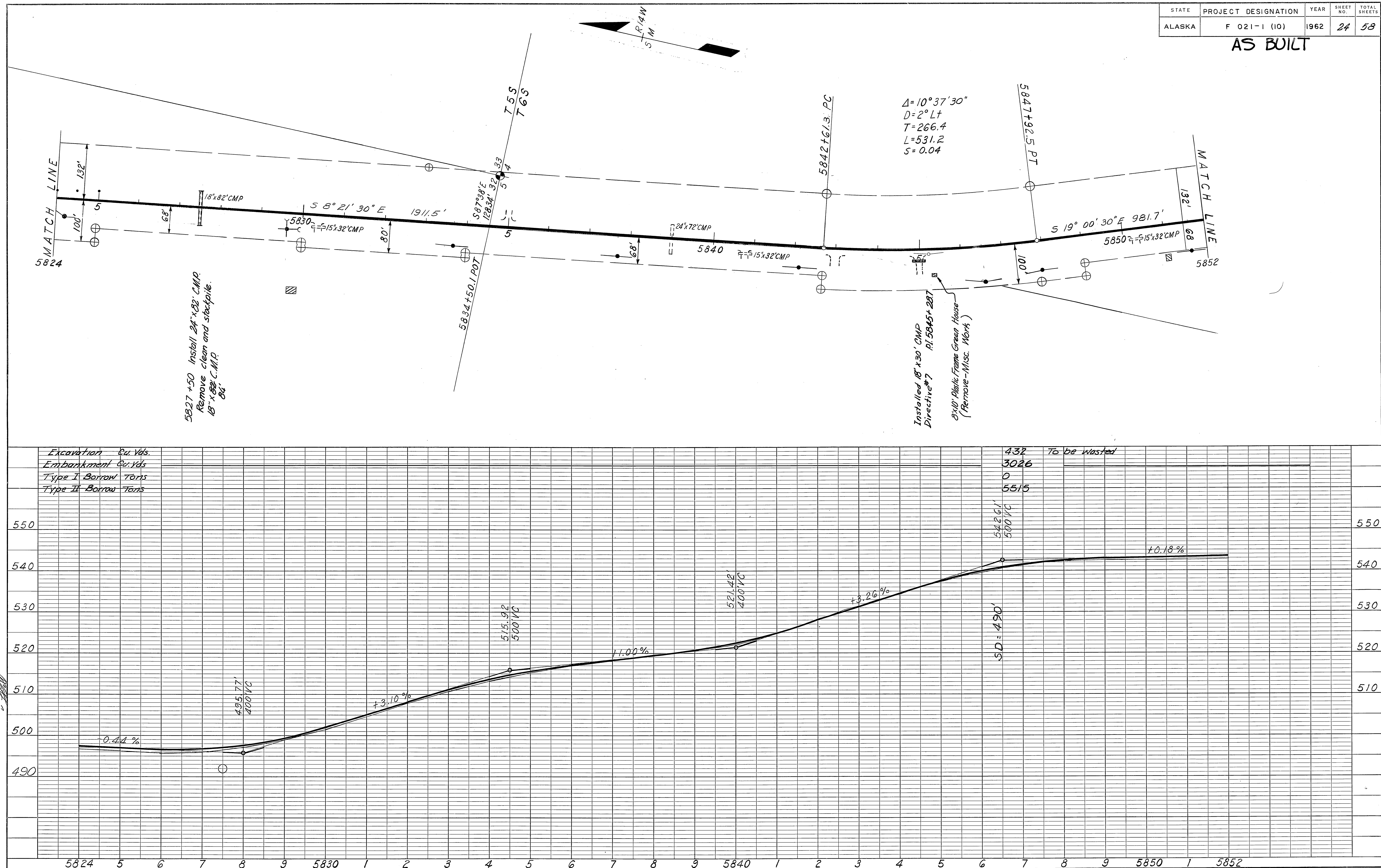
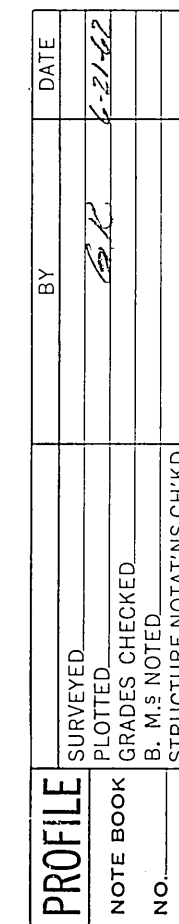


PLATE 1-PLAN-PROFILE, O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

HERCULENE NO. PB163 H.A.C.O., N.Y. 62834

AS BUILT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	25	58

AS BUILT

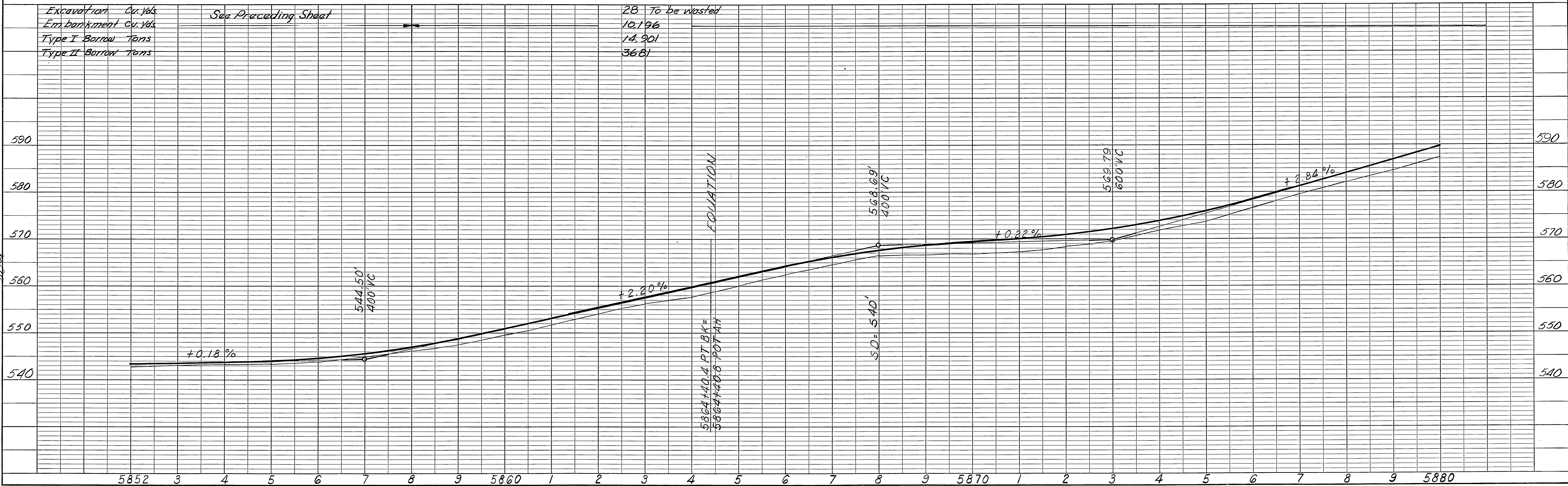
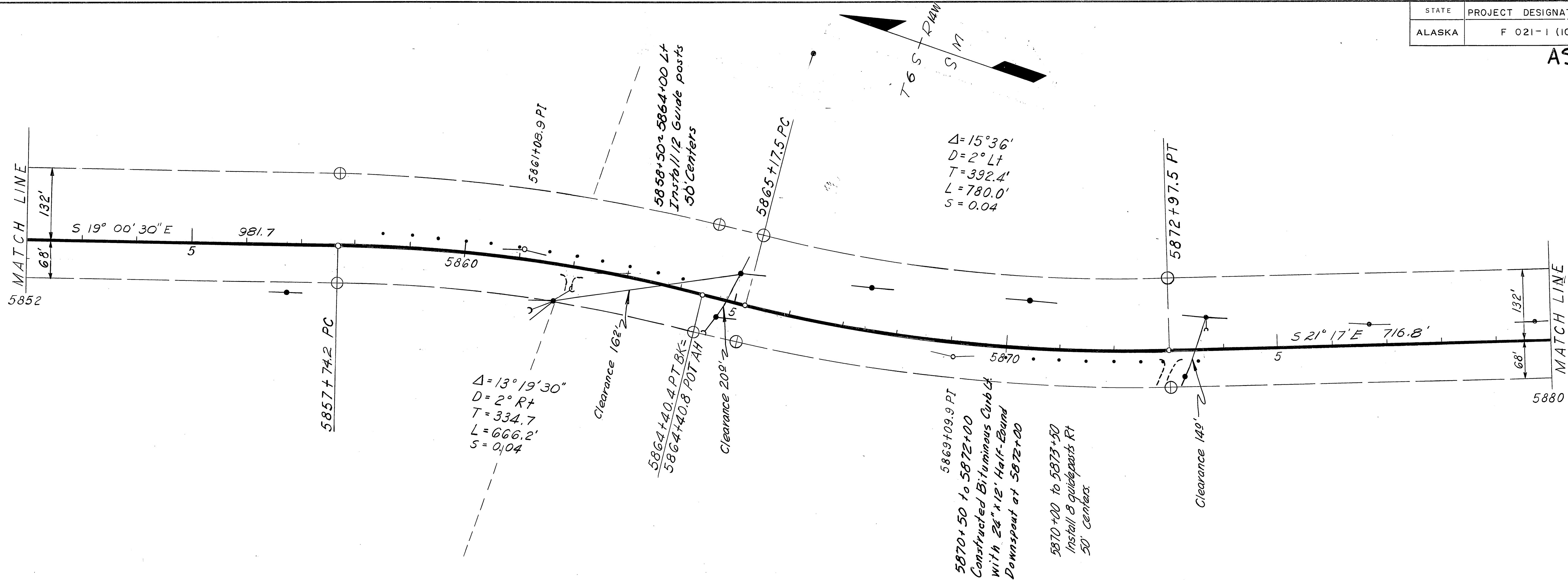


PLATE 1 - PLAN - PROFILE, O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

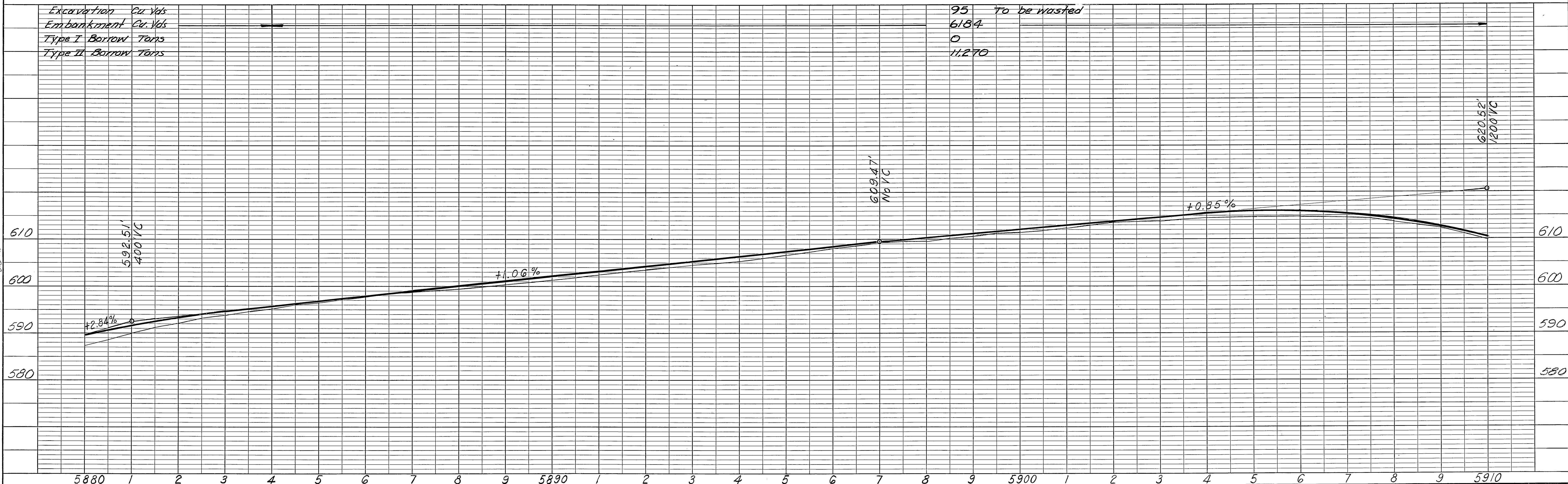
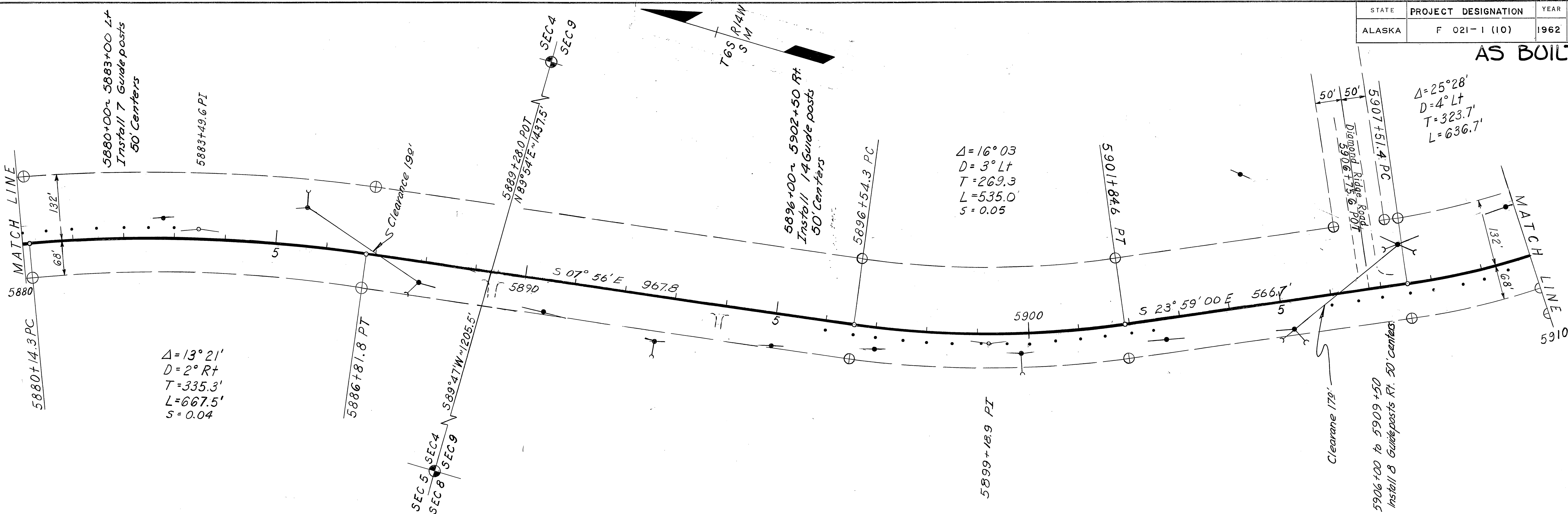
HERCULENE NO. PB103 K & E CO., N.Y. 62834

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	ALIGNMENT CHECKED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	GRADES CHECKED		
	NO.		

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	26	58

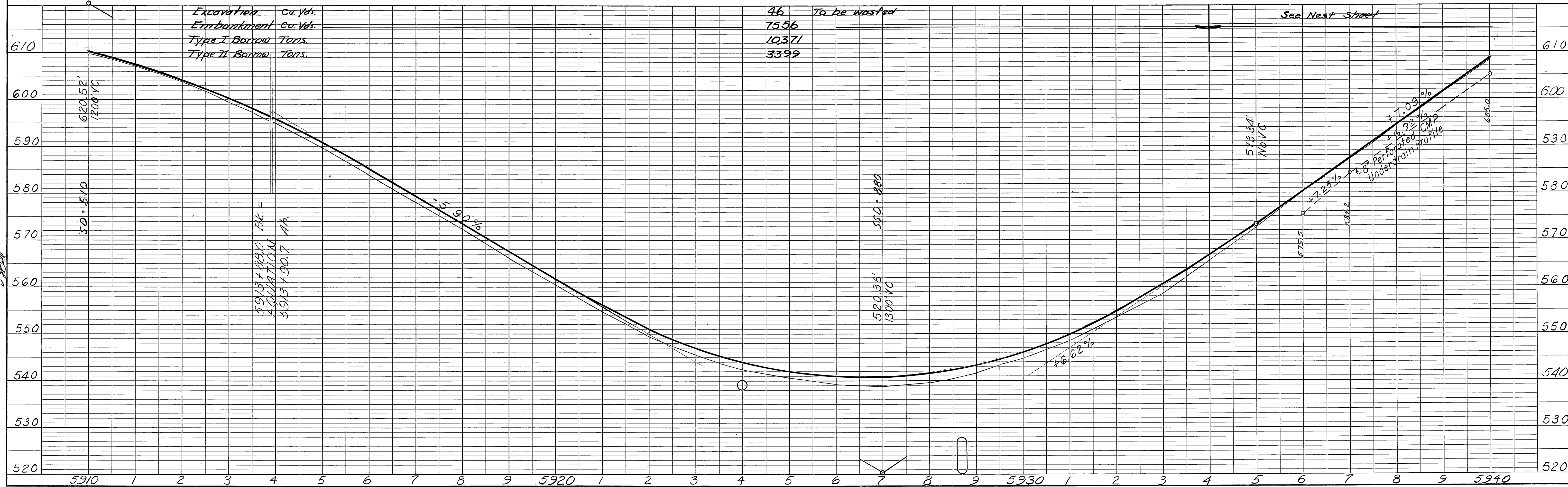
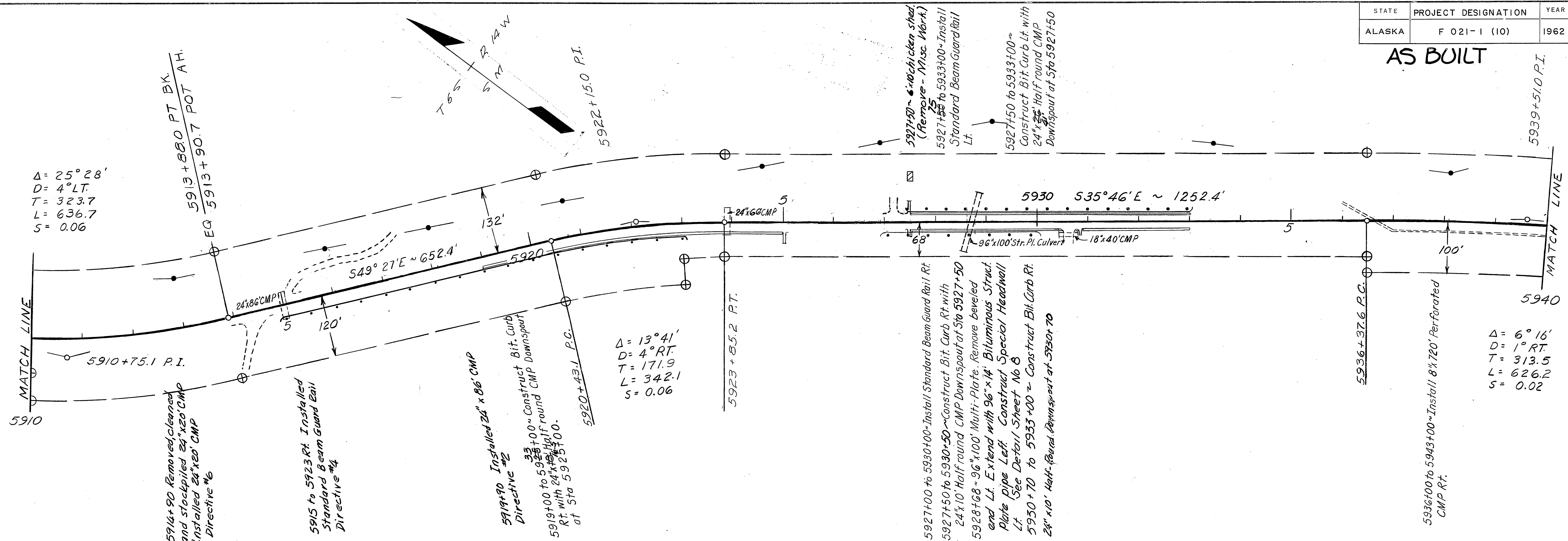
AS BUILT



PROFILE		BY	DATE
SURVIVED			
PLOTTED		<i>GL</i>	<i>6-20-61</i>
NOTE BOOK			
GRADES CHECKED			
B. M.'S NOTED			
NO.			
STRUCTURE NOTATIONS CH'KD			

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	27	58

AS BUILT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	28	58

AS BUILT

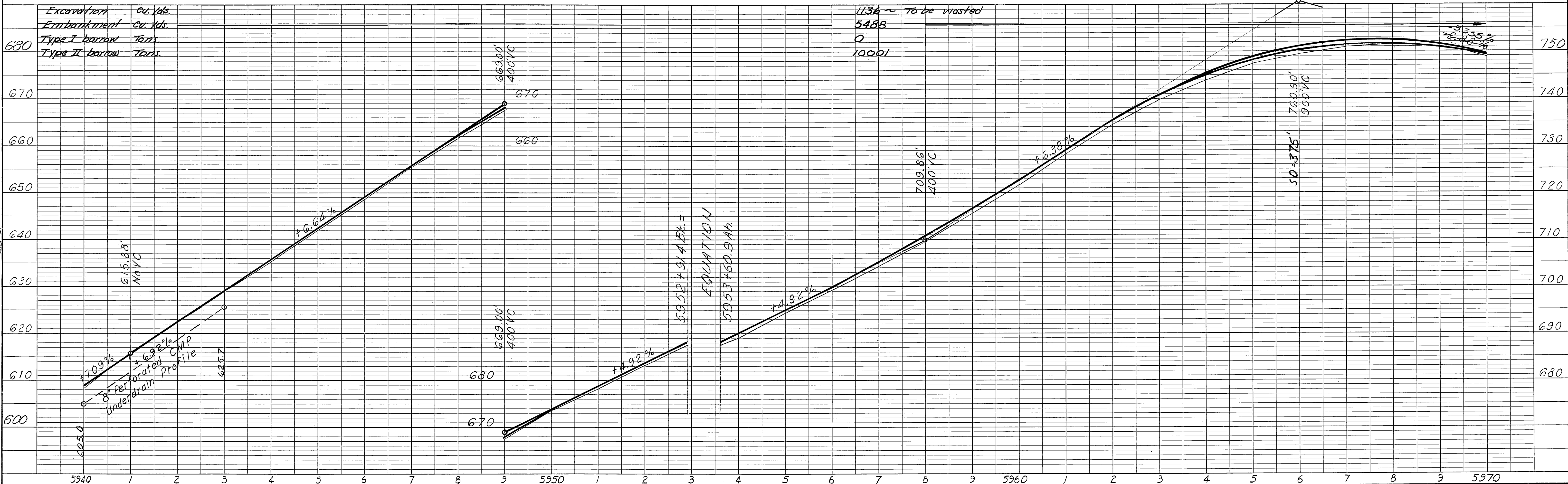
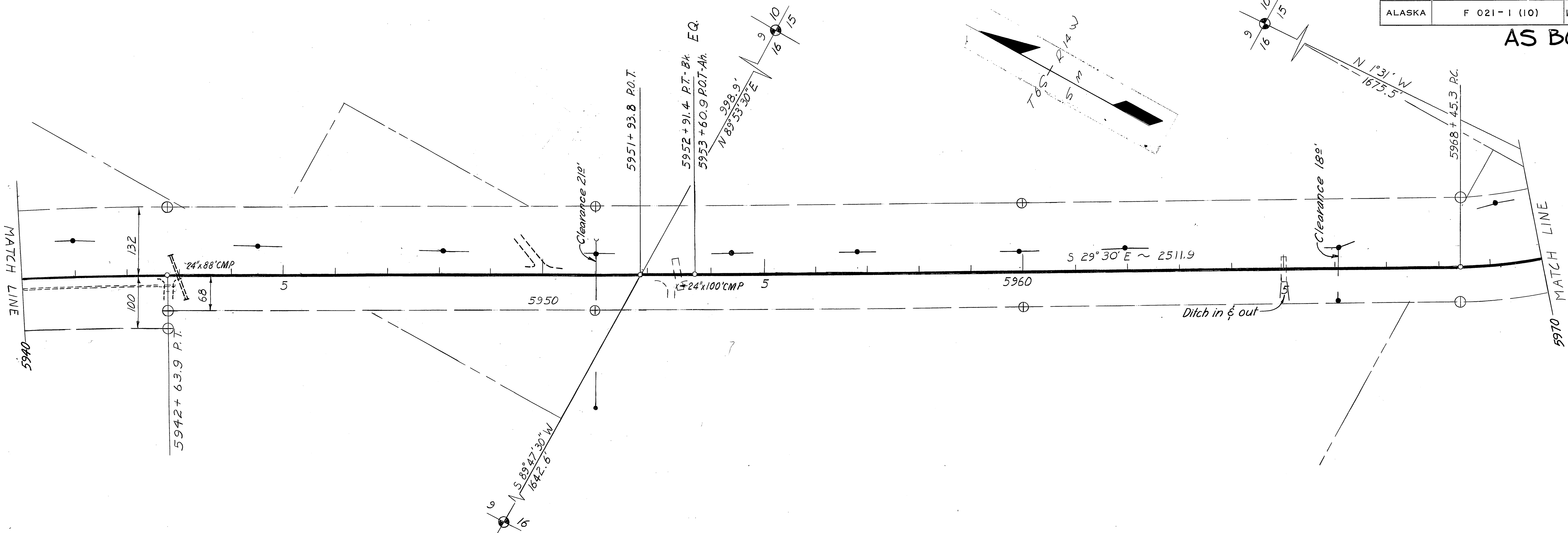
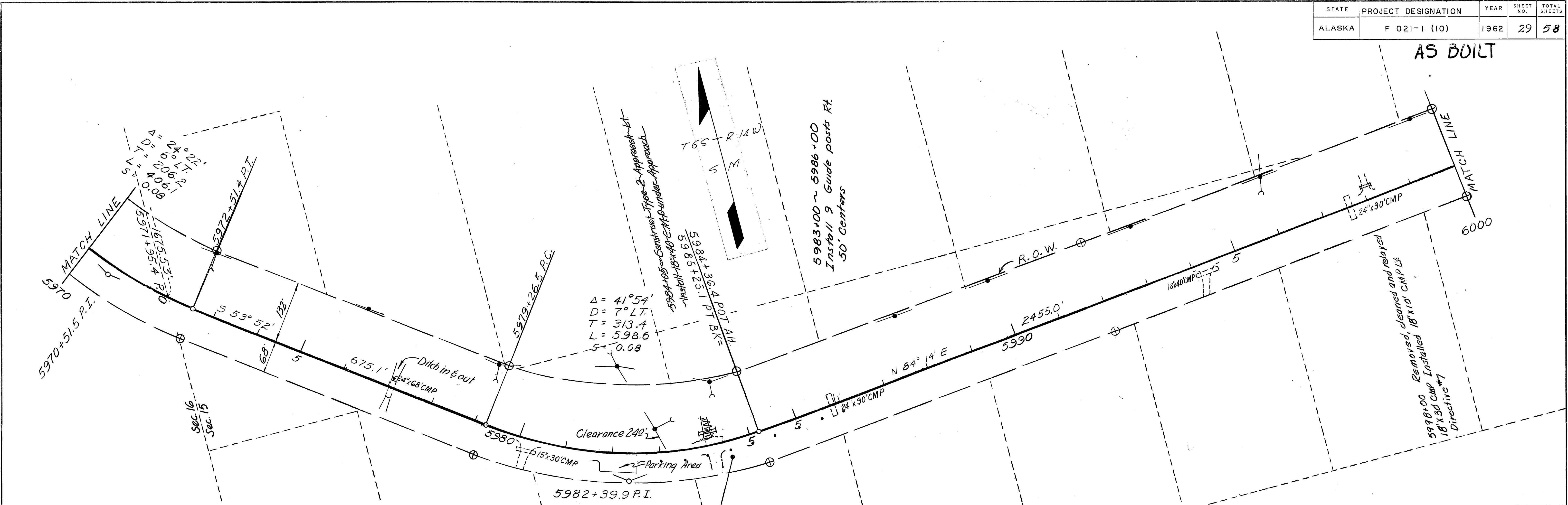


PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

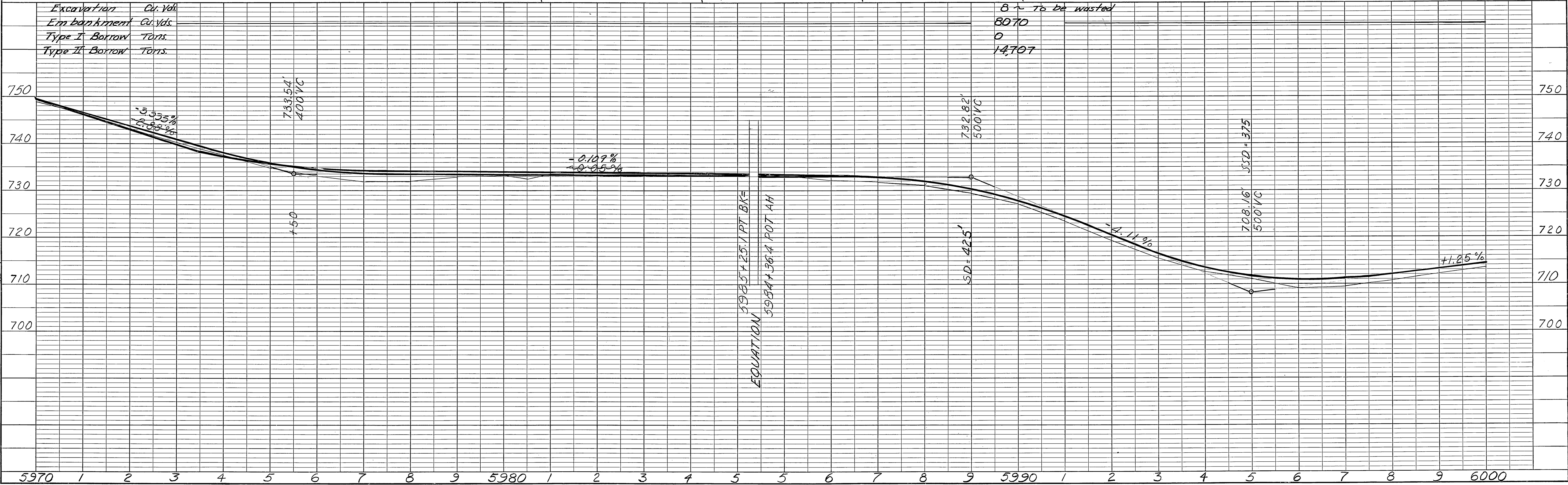
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	29	58

AS BUILT

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

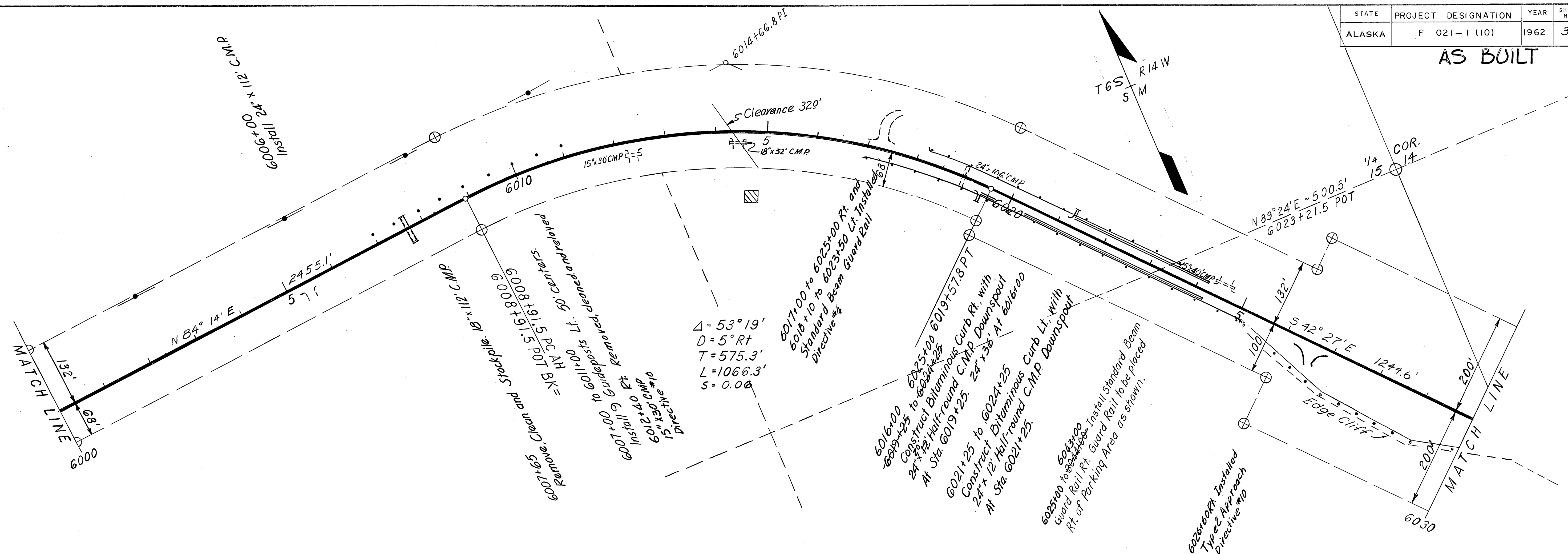


PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	30	58

AS BUILT



Excavation	Cu. Yds.
Embankment	Cu. Yds.
Type I Borrow	Tons.
Type II Borrow	Tons.

[illegible]

1068	To be wasted
9812	
13776	
4106	

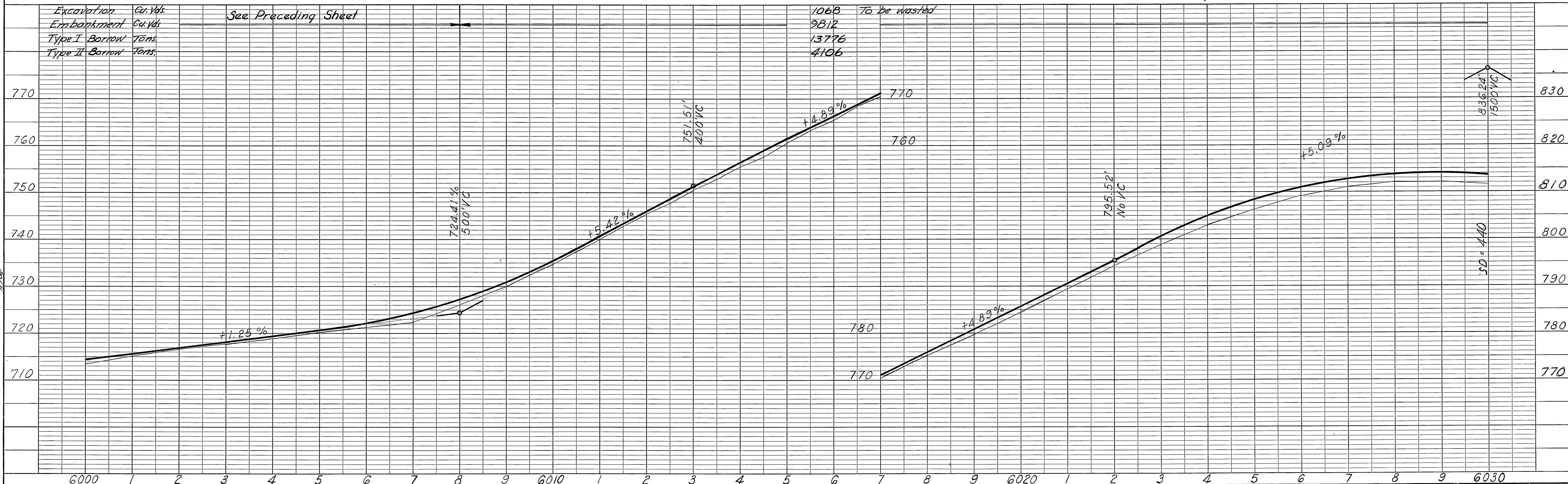
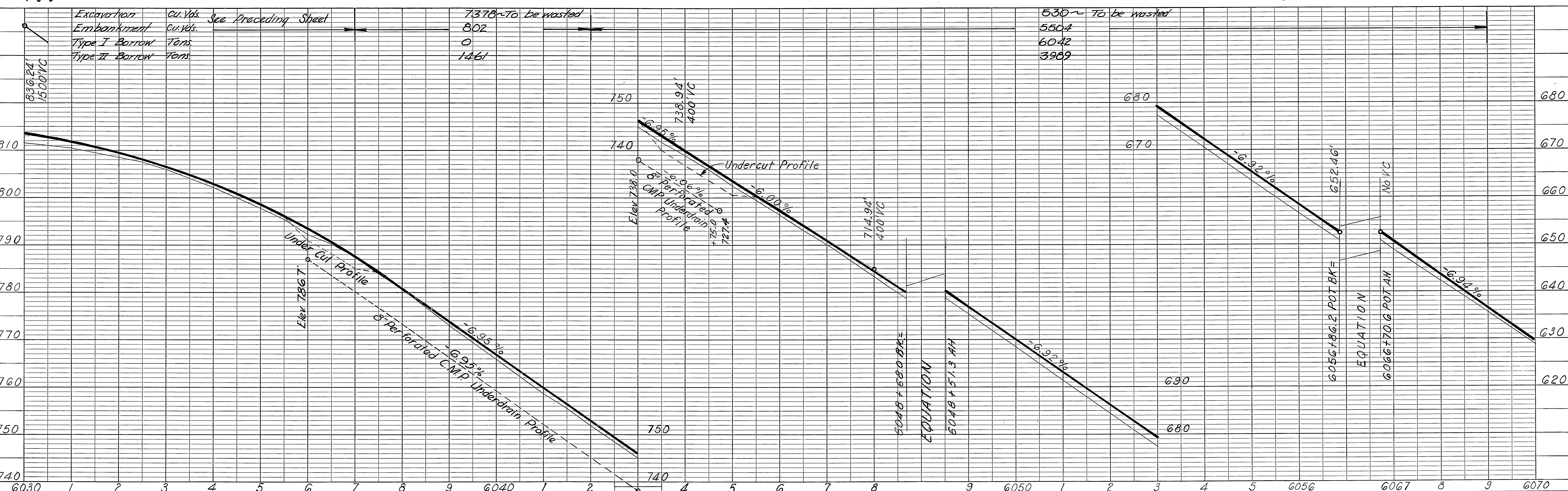


PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

HERCULENE NO. PR163 N A E 68, N. Y. 6283

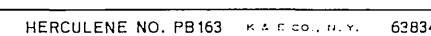
A-5L

AS BUILT



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

AS BUILT



A-5L

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

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

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	33	58

AS BUILT

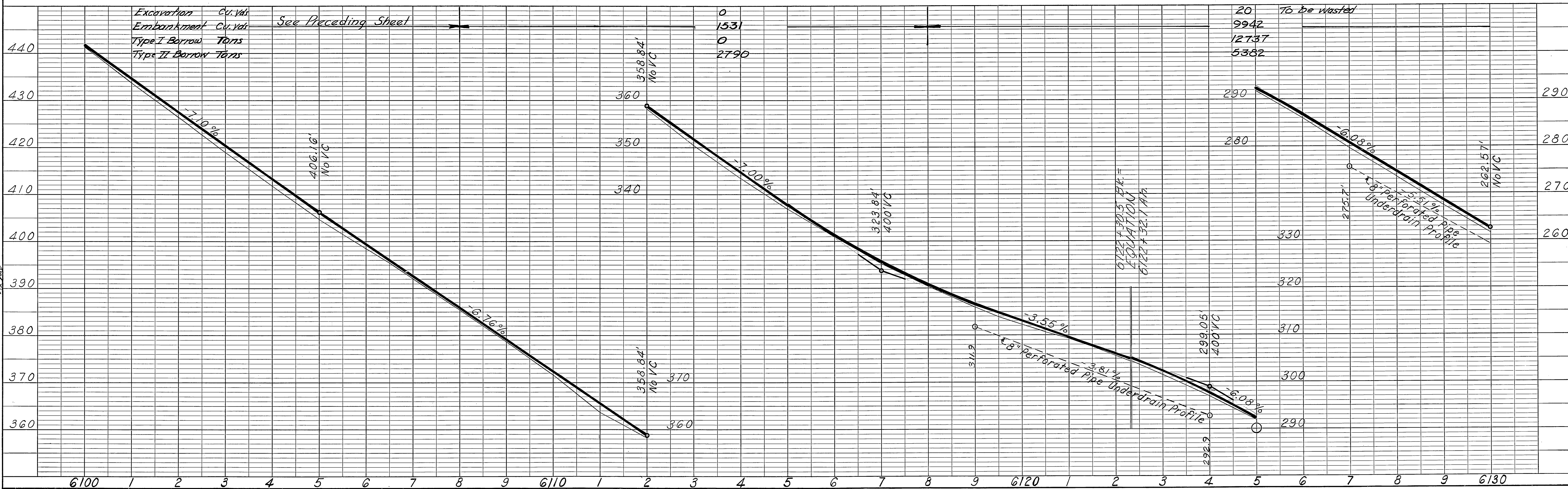
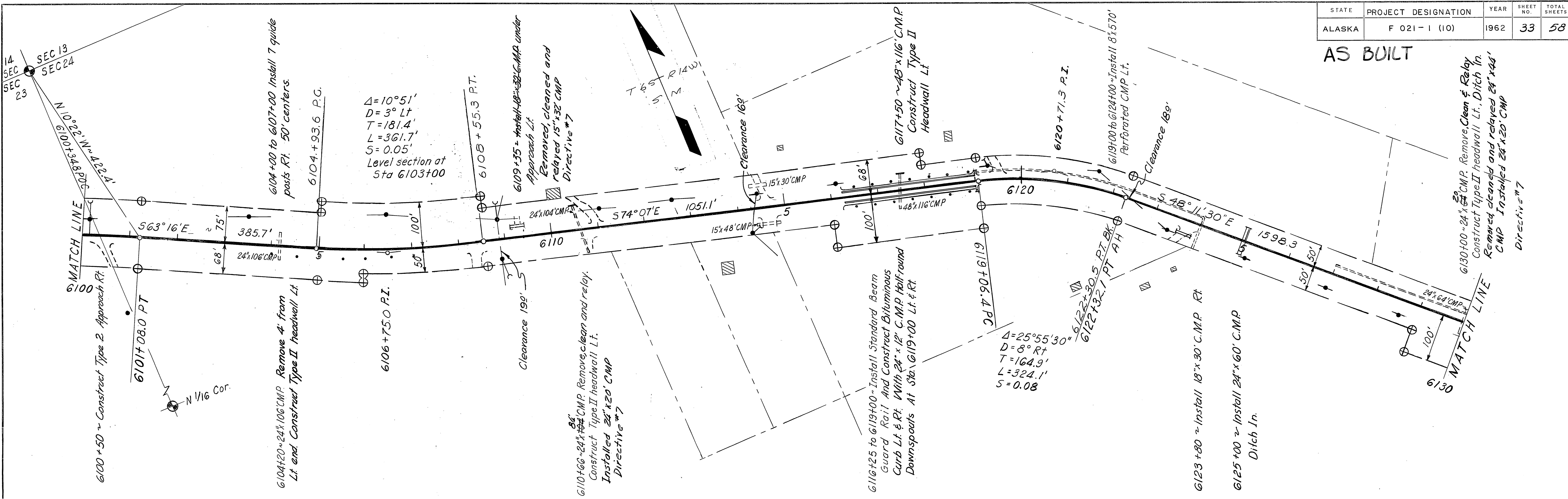


PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO. NEW YORK.

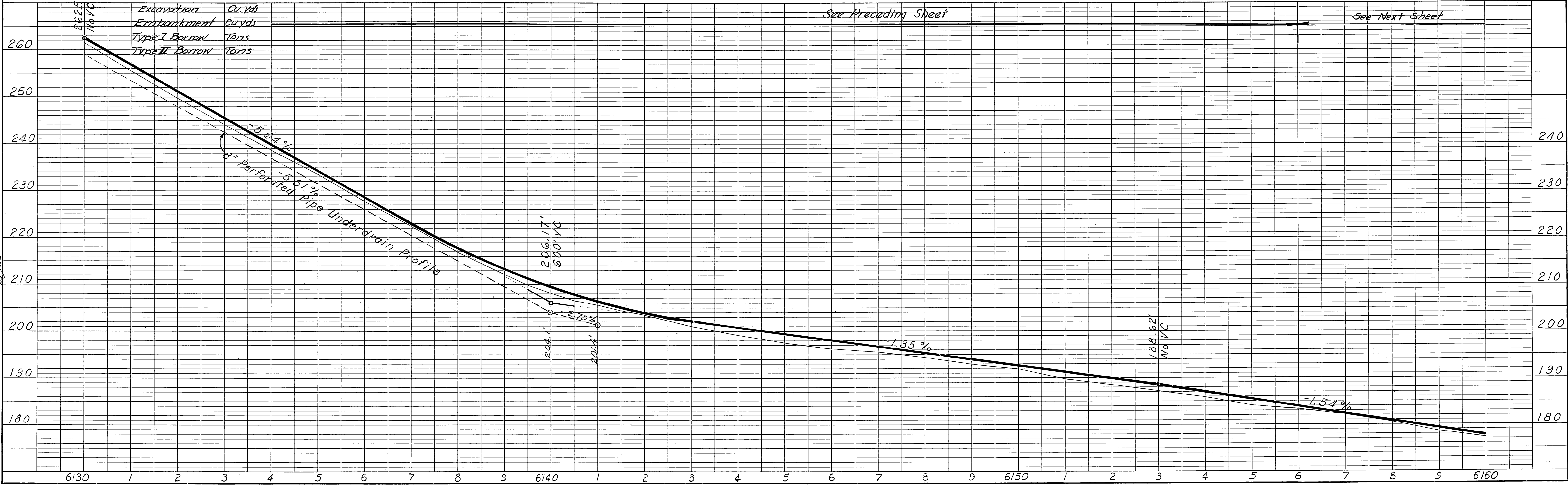
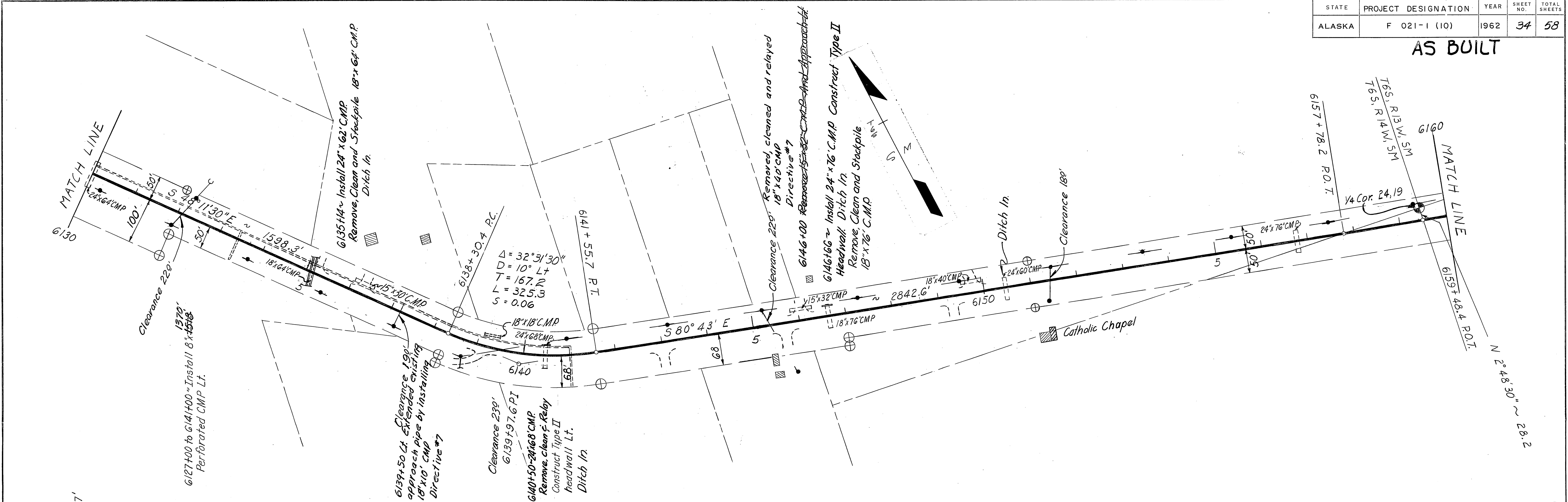
HERCULENE NO. P8163 A & P CO. N.Y. 62934

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

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

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	34	58

AS BUILT

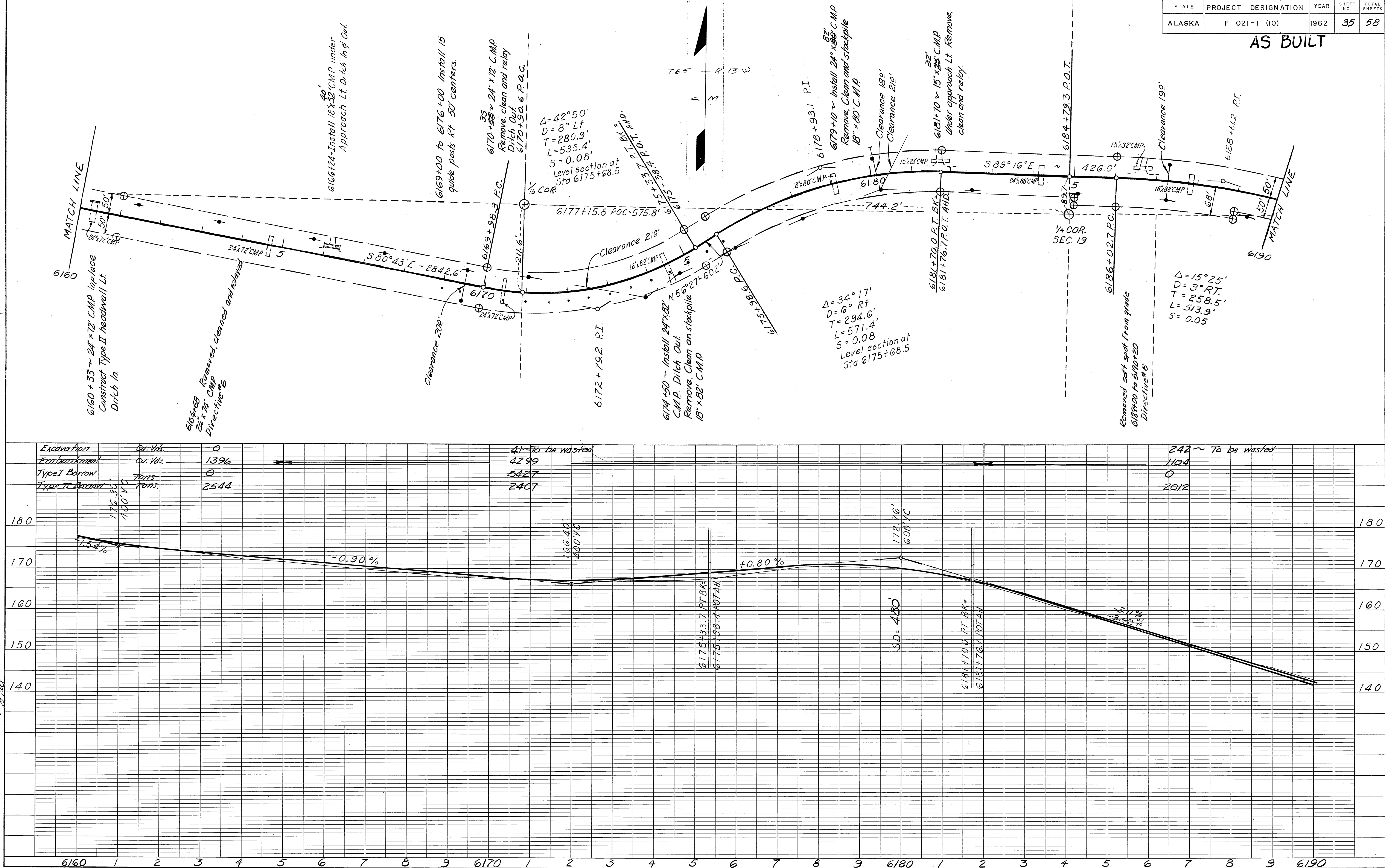


PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	GRADES CHECKED
	NO.	RT. OF WAY CHECKED

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	GRADES CHECKED
	NO.	PROFILE NOTATIONS CH'KD

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	35	58

AS BUILT

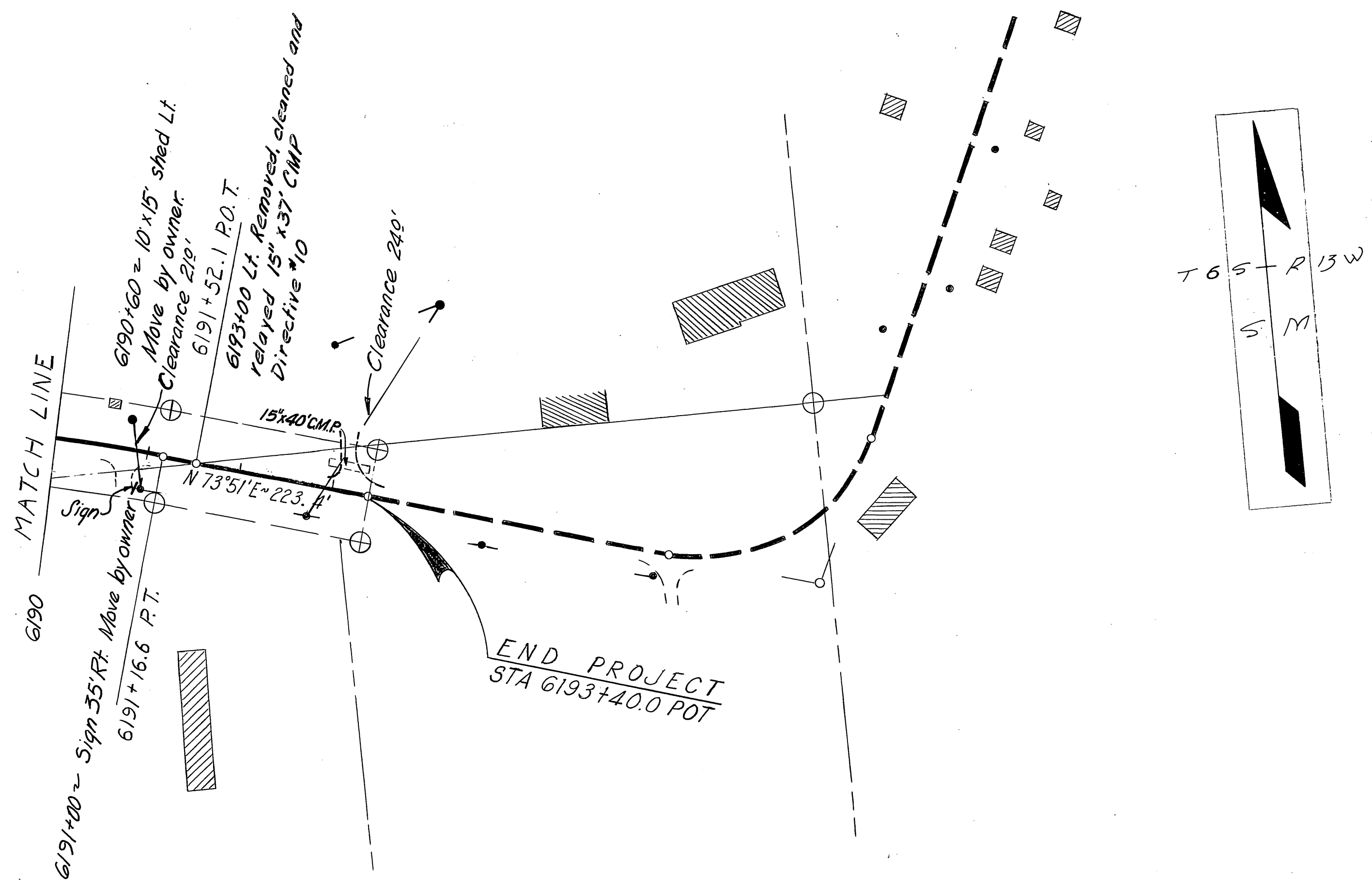


PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	SWITCH CHECKED		
	STRUCTURE NOTED		
NO.			

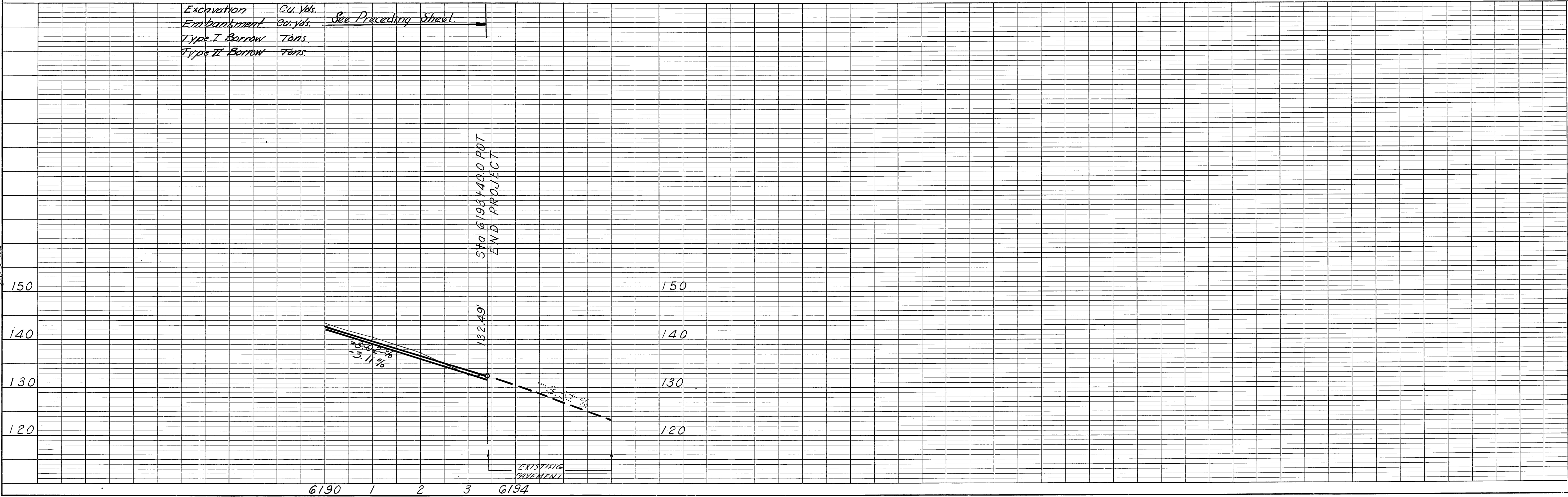
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	SWITCH CHECKED		
	STRUCTURE NOTED		
NO.			

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F 021-1 (10)	1962	36	58

AS BUILT



Excavation	Cu. Yds.	See Preceding Sheet
Embankment	Cu. Yds.	
Type I Borrow	Tons	
Type II Borrow	Tons	



FILE #13

F-051-1(10)

A-5L

LIST OF CULVERTS AND MISCELLANEOUS WORK

STATION		DESCRIPTION		10301	32216	40811	48548	40346	3340	4561	4562	3371	2301	6224	55013	4004	55851	REMARKS
				Excavation for Structures Curb	Hot-Bituminous Concrete Curb Lin. Ft.	Class in Concrete Curb	18" Asbestos Bonded C.M.P. Lin. Ft.	24" Asbestos Bonded C.M.P. Lin. Ft.	56" Bituminous-Coated Structural-Plate Pipe 8 Gage Lin. Ft.	Remove, Clean, & Stockpile 54" x 20" Culvert Pipe - 2.11	Remove, Clean, & Relaying 54" x 20" Culvert Pipe - 1.11	Removal of Culverts Lin. Ft.	18" Reinforced Concrete Underdrain	24" Bituminous-Coated Round Culvert Pipe Lin. Ft.	Culvert Marker Posts 1.25	Guideposts 1.30	Beam-Type Guardrail Lin. Ft.	AS BUILT
5295+25 TO 5298+50		INSTALL 8"x400' PERFORATED C.M.P. UNDERDRAIN LT.		95.9 241									389 400					
5298+00 TO 5303+75 5304+00		INSTALL STANDARD BEAM GUARDRAIL LEFT															604 575	
5298+00 TO 5304+50		INSTALL STANDARD BEAM GUARDRAIL RT.															604 650	
5298+00 TO 5304+50		CONSTRUCT BITUMINOUS CURB LT. WITH 24"x16" HALF ROUND C.M.P. DOWNSPOUT AT STA. 5302+31			642 650									52 46				
5301+40		4-96" BITUMINOUS - COATED STRUCTURAL - PLATE PIPES INPLACE																
		REMOVE 8-96"x12" BEVELED END SECTIONS, LT. & RT.										96						
		INSTALL 96"x124" BITUMINOUS - COATED STRUCTURAL - PLATE PIPE, 8 GAGE		352 ⁵					112 124									
		CONSTRUCT SPECIAL HEADWALLS, LT. & RT.				61.1 60.4												
5304+00 TO 5308+50		INSTALL 8"x450' PERFORATED C.M.P. UNDERDRAIN RT.		159.2 250										450				
5326+25 TO 5327+70		CONSTRUCT BITUMINOUS CURB RT. INSTALL 24"x18" HALF-ROUND C.M.P. DOWNSPOUT @ 5326+25			154 145									17 48				
5326+50 TO 5331+50		INSTALL 39 GUIDEPOSTS @ 25' CENTERS Rt & Lt															39	

LIST OF CULVERTS AND MISCELLANEOUS WORK

LIST OF CULVERTS AND MISCELLANEOUS WORK										STATE	PROJECT DESIGNATION		YEAR	SHEET	NO.	OF	TOTAL
										ALASKA	F-021-1(10)		1962	38	58		
STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Bonded C.M.P. Lin. Ft.	24" Asbestos-Bonded C.M.P. Lin. Ft.	36" Bituminous-Coated Structural-Plate Pipe 8 Gauge -- Lin. Ft.	Remove, Cleaning & Stocking Salvaged Culvert Pipe -- Lin. Ft.	Remove, Cleaning & Relaying Salvaged Culvert Pipe -- Lin. Ft.	Removal of Culverts Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/4 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide Posts Each	Beam-Type Guardrail Lin. Ft.	REMARKS	
5349+00 TO 5363+50	INSTALL 60 GUIDEPOSTS RT. & LT. @ 50' CENTERS													60			
5413+50 TO 5417+50	INSTALL 18 GUIDEPOSTS RT. & LT. @ 50' CENTERS													18			
5418+00 TO 5420+00	INSTALL 5 GUIDEPOSTS LT. 50' CENTERS													5			
5430+50 TO 5434+50 5433+90	INSTALL STANDARD BEAM - TYPE GUARDRAIL LT.														391.5 400		
5430+00 TO 5440+00	INSTALL STANDARD BEAM - TYPE GUARDRAIL RT.														1000 1004		
5431+00 TO 5434+50	CONSTRUCT BITUMINOUS CURB LT. WITH 24"x12" HALF ROUND DOWNSPOUT @ 5434+50		347 350									35 12					
5434+90	CONSTRUCT TYPE 2.1 APPROACH LT.																
5440+50 TO 5446+00	INSTALL 12 GUIDEPOSTS RT. 50' CENTERS													12			
5474+00 TO 5483+00	INSTALL 19 GUIDEPOSTS LT. 50' CENTERS													19			
5495+40	Installed 18"x44' CMP Drive Lt.	358			44												
5493+50	CONSTRUCT TYPE 2.1 APPROACH RT.																
5498+00	CONSTRUCT 12' DIKE RT.																
5499+00	CONSTRUCT 12' DIKE LT.																
A-5L																	

LIST OF CULVERTS AND MISCELLANEOUS WORK

STATION	DESCRIPTION	103(1) Excavation for Structures Cu. Yd.	322(6) Hot-Bituminous Concrete Curb Lin. Ft.	406(1) Class A Concrete Cu. Yd.	453(4) 18" Asbestos-Banded C.M.P. Lin. Ft.	453(4) 24" Asbestos-Banded C.M.P. Lin. Ft.	455(4) 55" Bituminous-Coated Structural-Plate Pipe 8 Gauge -- Lin. Ft.	456(1) Remove, Cleaning & Stocking Salvaged Culvert Pipe -- Lin. Ft.	456(2) Removing Cleaning & Relaying Salvaged Culvert Pipe -- Lin. Ft.	457(1) Removal of Culverts Lin. Ft.	520(4) 18" Perforated C.M.P. Underdrain	522(4) 24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	560(3) Culvert Marker Posts Each	560(4) Guide posts Each	583(1) Beam-Type Guardrail Lin. Ft.	REMARKS
5524+37	24"x92' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	126.7 409							92				2			AS BUILT
5528+00	24"x67' C.M.P. DITCH IN.															
5530+00 TO 5533+00	INSTALL 8"x360' PERFORATED C.M.P. UNDERDRAIN RT.	167.6 200									360					5530+00 - 60' ACROSS E
5536+00	INSTALL 24"x80' C.M.P.	38 59				80							2			10° SKEW RT. AHD.
5544+00	INSTALL 24"x72' C.M.P. REMOVE CLEAN & STOCKPILE 18"x68' C.M.P.	47.6 46				72		68					2			
5559+30	24"x68' C.M.P. INPLACE REMOVE 24"x4' C.M.P. RT. CONSTRUCT TYPE II HEADWALL RT.	94.5 4			1.5					68 #			1			
5565+32	24"x82' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	78.4 48						82					2			
5575+38	24"x90' C.M.P. INPLACE REMOVE, CLEAN & RELAY	83.5 48						92 90					2			
5586+10	Installed 18"x28' C.M.P. 21				28											
5581+00 TO 5588+50	INSTALL 8"x810' PERFORATED C.M.P. UNDER-DRAIN RT. (60" BELOW ELEVATION)	410.1 450									810					
5625+00 TO 5631+50	INSTALL 14 GUIDE POSTS LT. 50' CENTERS.													14		

LIST OF CULVERTS AND MISCELLANEOUS WORK										STATE	PROJECT DESIGNATION		YEAR	SHEET NO	TOTAL SHEETS	
										ALASKA	F-021-1(10)		1962	40	58	
STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Banded C.M.P. Lin. Ft.	24" Asbestos-Banded C.M.P. Lin. Ft.	36" Bituminous-Coated Structural-Flange Pipe 8 Gauge - Lin. Ft.	Removal, Cleaning & Stockpiling Salvaged Culvert Pipe - Lin. Ft.	Removal, Cleaning & Relaying Salvaged Culvert Pipe - Lin. Ft.	Removal of Culverts Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide posts Each	Beam-Type Guardrail Lin. Ft.	REMARKS
5626+00 To 5631+50	INSTALL 12 GUIDE POSTS RT. 50' CENTERS													12		
5626+50	24"x84' C.M.P. INPLACE, REMOVE, CLEAN & RELAY.	163.5 81				22		20	64 84				2			
5630+50	24"x86' C.M.P. INPLACE, REMOVE, CLEAN & RELAY.	131.5 79							108 88				2			
5636+21	36"x80' C.M.P. DITCH OUT															
5649+00 To 5651+00	INSTALL 5 GUIDE POSTS RT. @ 50' CENTERS													5		
5649+00 To 5661+00	INSTALL 25 GUIDE POSTS LT. 50' CENTERS													25		
5652+00 To 5654+00	INSTALL 8"x260' PERFORATED C.M.P. UNDERDRAIN RT.	35.1 145									260					
5669+50 To 5679+00	CONSTRUCT BIT CURB LT. WITH 24"x ²¹ 22 ' & 24"x26' HALFRound DOWNSPOUT @ STA. 5669+50 & 5675+00		250 950									47 48				
5670+00 To 5680+50	INSTALL 44 GUIDEPOTS LT. & RT. 50' CENTERS													44		
5689+00 To 5692+00	INSTALL 7 GUIDE POSTS LT. 50' CENTERS													7		

A-52

AS BUILT

LIST OF CULVERTS AND MISCELLANEOUS WORK										STATE	PROJECT DESIGNATION		YEAR	SHEET NO.	TOTAL SHEETS	
										ALASKA	F-021-1(10)		1962	41	58	
STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Banded C.M.P. Lin. Ft.	24" Asbestos-Banded C.M.P. Lin. Ft.	36" Bituminous-Coated Structural-Plate Pipe 8 Gage — Lin. Ft.	Remove, Cleaning & Stockpiling Salvaged Culvert Pipes — Lin. Ft.	Remove, Cleaning & Relaying Salvaged Culvert Pipes — Lin. Ft.	Removal of Culverts Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide posts Each	Beam-Type Guardrail Lin. Ft.	REMARKS
5692+50	CONSTRUCT TYPE 1B APPROACH RIGHT															
5696+75	15"x30" C.M.P. INPLACE, REMOVE, CLEAN & RELAY	6.9							30'							
5696+00 To	INSTALL 9 GUIDE POSTS RT. 50' CENTERS													9		
5700+00																
5704+85	15"x32' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	8.1							32'							
5715+90	CONSTRUCT TYPE 1B APPROACH RT.															
5720+00 To	INSTALL 20 GUIDE POSTS LT. 50' CENTERS													20		INCLUDES EQUATION
5825+00																
5827+50	INSTALL 24"x82' C.M.P. REMOVE, CLEAN & STOCK-PILE 18"x82' C.M.P.	132.6 83				82		84	82				2			
5845+00	Installed 18"x30' C.M.P. Rt.				30											
5858+50 To	INSTALL 12 GUIDE POSTS LT. 50' CENTERS													12		
5864+00																
5870+50 to 5872+00	Const. Bit. Curb Lt. with 24"x12'		153									24				
5870+00 To	INSTALL 8 GUIDE POSTS RT. 50' CENTERS													8		
5873+50																
5880+00 To	INSTALL 7 GUIDE POSTS LT. 50' CENTERS													7		
5883+00																
5896+00 To	INSTALL 14 GUIDE POSTS RT. 50' CENTERS													14		
5902+50																
5906+00 To	INSTALL 8 GUIDE POSTS RT. 50' CENTERS													8		
5909+50																
5919+70	Installed 24"x20' R.C. & S. 24"x20'	39.3			20			20				25.5 18				
5919+00 To	CONSTRUCT BIT CURB RT. WITH 24"x18' HALF-ROUND G.M.P. DOWNSPOUT @ STA. 5925+00		600													This Curb was extended & extra downspouts needed
5925+00																
5919+70	Installed 24"x 86' C.M.P.	95.3			86											
5915 to 5923	Installed 804' Beam guardrail Lt.													804		A-5L

LIST OF CULVERTS AND MISCELLANEOUS WORK										STATE	PROJECT DESIGNATION		YEAR	SHEET NO.	TOTAL SHEETS		
										ALASKA	F-021-1(10)		1962	42	58		
STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Banded C.M.P. Lin. Ft.	24" Asbestos-Banded C.M.P. Lin. Ft.	96" Bituminous-Coated Structural-Plate Pipe 8 Gage — Lin. Ft.	Remove, Cleaning & Stockpiling Salvaged Culvert Pipe—Lin. Ft.	Removing Cleaning & Relaying Salvaged Culvert Pipe—Lin. Ft.	Removal of Culverts Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide posts Each	Beam-Type Guardrail Lin. Ft.	REMARKS	
5927+50 To 5933+00	CONSTRUCT BIT CURB RT. WITH 24"x10' HALF ROUND C.M.P. DOWNSPOUT @ STA. 5927+50		504 300									10					AS BUILT
5927+00	R.C. & R. 18"x12' C.M.P., R.C. & S. 18"x20' C.M.P. Install 18"x30'	20			30			20	12			41 26					
5927+50 To 5933+00	CONSTRUCT BITUMINOUS CURB LT. WITH 24"x26' HALF ROUND C.M.P. DOWNSPOUT @ STA. 5927+50		550														
5927+00 To 5930+00	INSTALL STANDARD BEAM — TYPE GUARDRAIL RIGHT														304 300		
5927+50 To 5933+00	INSTALL STANDARD BEAM — TYPE GUARDRAIL LEFT														529 550		
5928+68	96"x100' BIT. COATED STRUCT. PLATE PIPE. REMOVE BEVELED END LEFT. CONSTRUCT SPECIAL HEADWALL LEFT. EXTEND WITH 96"x14' STRUCT. PLATE PIPE LT.	82.4 28		11.2			14			12							
5936+00 To 5943+00	INSTALL 8"x720' PERFORATED C.M.P. RT. UNDERDRAIN. (40" BELOW ELEVATION). OUTLET IN LEFT DITCH @ STA. 5936+00 & SKEWED 45° CROSSING EMB.	187.9 433									720						
5958+50	R.C. & R. 18"x20' C.M.P. Installed 18"x10' C.M.P.	8.5			10			20									
5983+00 To 5986+00	INSTALL 9 GUIDE POSTS RT. 50' CENTERS													9			
5998+00	R.C. & R. 18"x30' C.M.P. Install 18"x10' C.M.P.	20			10			30									
5984+05	CONSTRUCT TYPE 2 APPROACH LT. INSTALL 18"x40' C.M.P.				10												
6006+00	INSTALL 24" x 112' C.M.P.	231.6 132				112							2				
6007+00 To 6011+00	INSTALL 9 GUIDE POSTS LT. @ 50' CENTERS													9			
																	A-52

LIST OF CULVERTS AND MISCELLANEOUS WORK												STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
												ALASKA	F-021-1(10)	1962	43	58
STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Banded C.M.P. Lin. Ft.	24" Asbestos-Banded C.M.P. Lin. Ft.	36" Bituminous-Coated Structural-Plate Pipe 8 Gage — Lin. Ft.	Remove, Cleaning & Stockpiling Salvaged Culvert Pipe — Lin. Ft.	Remove, Cleaning & Relaying Salvaged Culvert Pipe — Lin. Ft.	Removal of Culverts Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/4 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide posts Each	Beam-Type Guardrail Lin. Ft.	REMARKS
6007+65	18" x 112' C.M.P. INPLACE, REMOVE, CLEAN & STOCKPILE							112								
6019 to 6025	CONSTRUCT BITUMINOUS CURB RT. WITH 24" x 12' HALF-ROUND DOWNSPOUT AT STA. 6019+25		960									58				
6019+25 to 6024+25	CONSTRUCT BITUMINOUS CURB LT. WITH 24" x 12' HALF-ROUND DOWNSPOUT AT STA. 6021+25		500									12				
6021+25 to 6024+25	CONSTRUCT BITUMINOUS CURB LT. WITH 24" x 12' HALF-ROUND DOWNSPOUT AT STA. 6021+25		215									29			1917	
6025+00 To	INSTALL STANDARD BEAM — TYPE GUARDRAIL RIGHT.														2000	
6044+00	(AS SHOWN ON PLAN SHEETS NO. 31 & 32 AROUND PARKING AREA.)															
6012+64	R.C. & R. 15" x 30' C.M.P.	21.9	213						30			22				
6041+00 To	CONSTRUCT BITUMINOUS CURB RT. WITH 24" x 12'		200									12				
6043+00	HALF ROUND C.M.P. DOWNSPOUT @ STA. 6043+00															
6017 to 6025	Installed 802' Beam-Guardrail Rt.	54.8													802	
6036+00 To	INSTALL 8" x 976' PERFORATED C.M.P. UNDERDRAIN	587									976					
6044+75	LT. (7' DEPTH) DRAIN RIGHT ACROSS EMB. @ STA. 6044+75.															
6044+54	R.C. & R. 36" x 44'	291							44							
6055+95 To	CONSTRUCT BITUMINOUS CURB Rt.		235													
6058+60																
6012+50 to 6034	Installed 554' Beam Guardrail Lt.	314							10						554	
6066+89	36" x 244' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	1508		2.7				244					2			
	Constructed Headrail Lt.															
6055+85 to 6058+60	Installed Beam Guardrail Rt. 279'														279	
6056 to 6054+53	Installed 154' Beam Guardrail Lt.														154	
6075+00 To	INSTALL STANDARD BEAM — TYPE GUARDRAIL LT. & RT.														638	
6078+00															600	
6075	CONSTRUCT BITUMINOUS CURB LT. WITH 24" x 26'		325									21				
6074+00 To	HALF ROUND C.M.P. DOWNSPOUT @ STA. 6077+00		300									26				
6077+00	HALF ROUND C.M.P. DOWNSPOUT @ STA. 6077+00															
6074+00 To	CONSTRUCT BITUMINOUS CURB RT. WITH 24" x 24'		300									24				
6077+00	HALF ROUND DOWNSPOUT @ STA. 6077+00															

AS BUILT

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-021-1(10)	1962	44	58

STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Bonded C.M.P. Lin. Ft.	24" Asbestos-Bonded C.M.P. Lin. Ft.	36" Bituminous-Coated Structural-Plate Pipe B.Gage — Lin. Ft.	Remove, Cleaning & Stockpiling Salvaged Culvert Pipe — Lin. Ft.	Removing Cleaning & Relaying Salvaged Culvert Pipe — Lin. Ft.	Removal of Culvert's Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide posts Each	Beam-Type Guardrail Lin. Ft.	AS BUILT
																REMARKS
6078+50 To 6084+00	INSTALL 12 GUIDE POSTS RT. 50' CENTERS													12		
6084+86	24"x80' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	145.6 28							80				2			
6087+18	24"x82' C.M.P. INPLACE, REMOVE, CLEAN & RELAY CONSTRUCT TYPE II HEADWALL LT.	112.5 74			1.5			5	82				2			
6091+13	24"x96' C.M.P. REMOVE, CLEAN AND RELAY CONSTRUCT TYPE II HEADWALL LEFT	157.7 56			1.5			4	96				2			25° SKEW RT. AHD.
6095+15	24"x132' C.M.P. INPLACE, REMOVE, CLEAN AND RELAY CONSTRUCT TYPE II HEADWALL LT.	287.9 250			1.5			12	120 132				2			45° SKEW RT. AHD.
6098+31	36"x110' C.M.P. INPLACE, REMOVE, CLEAN & RELAY CONSTRUCT TYPE II HEADWALL LT.	142			2.7			6	440				2			40° SKEW RT. AHD.
6098+80	INSTALL 18"x30' C.M.P. UNDER APPROACH LT.				30											
6100+50	CONSTRUCT TYPE 2 APPROACH RT.															
6104+00 To 6107+00	INSTALL 7 GUIDE POSTS RT. 50' CENTERS													7		
6104+20	24"x106' C.M.P. INPLACE, REMOVE 4' OFF LT. END CONSTRUCT TYPE II HEADWALL LT.	4.2 4			1.5					4						
6109+35	INSTALL 18"x32' C.M.P. UNDER APPROACH LT.	15.3 8			32			32								
A-5 L																

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-021-1(10)	1962	45	58

STATION	DESCRIPTION	Excavation for Structures Cu. Yd.	Hot-Bituminous Concrete Curb Lin. Ft.	Class A Concrete Cu. Yd.	18" Asbestos-Banded C.M.P. Lin. Ft.	24" Asbestos-Banded C.M.P. Lin. Ft.	36" Bituminous-Coated Structural-Plate Pipe 8 Gage — Lin. Ft.	Remove, Cleaning & Stockpiling Salvaged Culvert Pipe — Lin. Ft.	Remove, Cleaning & Relaying Salvaged Culvert Pipe — Lin. Ft.	Removal of Culverts Lin. Ft.	8" Perforated C.M.P. Underdrain	24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	Culvert Marker Posts Each	Guide posts Each	Beam-Type Guardrail Lin. Ft.	REMARKS
6110+66	24"x104' C.M.P. REMOVE, CLEAN & RELAY	123.6 125				20		20	84 104				2			
	CONSTRUCT TYPE II HEADWALL LEFT			1.5												
6116+25 To	INSTALL STANDARD BEAM TYPE GUARDRAIL LT. & RT.		553												548.5	
6119+00	CONSTRUCT BITUMINOUS CURBS LT. & RT. WITH 24"x12' C.M.P.		550									12 24				
	HALF-ROUND DOWNSPOUTS AT STA. 6119+00 LT. & RT.															
6117+50	48"x116' C.M.P. INPLACE												2			
	CONSTRUCT TYPE II HEADWALL LT.															
6123+80	INSTALL 18"x30' C.M.P. RT.	5.7 2.21 3.46			30											
6119+00 To	INSTALL 8"x570' PERFORATED C.M.P. UNDERDRAIN LT.										536 570					
6124+00	DRAIN CROSS EMB. INTO RT. DITCH @ STA. 6124+00.															
6125+00	(48" DEPTH.) INSTALL 24"x60' C.M.P.	39.2 60 490 9.4				60							2			
6127+00 To	INSTALL 8"x1518' PERFORATED C.M.P. UNDERDRAIN LT.										1405 1518					
6141+00	(48" DEPTH.)															
6130+00	24"x64' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	63.7 55				46		44	20 64				2			
	CONSTRUCT TYPE II HEADWALL LT.			1.5												
6135+14	INSTALL 24"x62' C.M.P.	52.7 43											2			
	18"x64' C.M.P. REMOVE, CLEAN & STOCKPILE					62		64								
6139+50	Added 18"x10' C.M.P. to extend existing pipe				10											
6104+08	2-C. & R. 24"x74' C.M.P.	82.8									72					

A-5L

LIST OF CULVERTS AND MISCELLANEOUS WORK

LIST OF CULVERTS AND MISCELLANEOUS WORK										STATE	PROJECT	DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS		
										ALASKA	F-021-1(10)		1962	46	58		
STATION	DESCRIPTION	103(1) Excavation for Structures Cu. Yd.	322(6) Hot-Bituminous Concrete Curb Lin. Ft.	403(1) Class A Concrete Cu. Yd.	453(4E) 18" Asbestos-Banded C.M.P. Lin. Ft.	453(46) 24" Asbestos-Banded C.M.P. Lin. Ft.	455(4G) 96" Bituminous-Coated Structural-Plate Pipe 8 Gage — Lin. Ft.	456(1) Remove, Cleaning & Stockpiling Salvaged Culvert Pipe — Lin. Ft.	456(2) Removing Cleaning & Relaying Salvaged Culvert Pipe — Lin. Ft.	457(1) Removal of Culverts Lin. Ft.	520(4) 8" Perforated C.M.P. Underdrain	522(4) 24" Bituminous-Coated 1/2 Round Outlet Pipe Lin. Ft.	560(3) Culvert Marker Posts Each	560(4) Guide posts Each	583(1) Beam-Type Guardrail Lin. Ft.	AS BUILT.	
																REMARKS	
6140+50	24"x68' C.M.P. INPLACE, REMOVE, CLEAN & RELAY CONSTRUCT TYPE II HEADWALL LT.	61.1 48				1.5			68				2				
6146+00	18"x40' REMOVE 15"x32' C.M.P. AND APPROACH LT. CLEANED & RELAYED	12.5							40	32							
6146+66	INSTALL 24"x76' C.M.P. CONSTRUCT TYPE II HEADWALL LT. REMOVE, CLEAN AND STOCKPILE 18"x76' C.M.P.	95.5 80				1.5		74 96					2				
6160+33	24"x72' C.M.P. INPLACE, CONSTRUCT TYPE II HEADWALL LT.	4				1.5											
6166+24	INSTALL 18"x32' C.M.P. UNDER APPROACH LEFT DITCH IN AND OUT	44				32											
6169+00 To 6176+00	INSTALL 15 GUIDE POSTS RT. 50' CENTERS													15			
6170+38	24"x72' C.M.P. INPLACE, REMOVE, CLEAN & RELAY	75.1 61							72				2				
6174+50	INSTALL 24"x82' C.M.P. DITCH OUT REMOVE, CLEAN AND STOCKPILE 18"x82' C.M.P.	95.7 55				82		82					2				
6179+10	INSTALL 24"x80' C.M.P. REMOVE, CLEAN AND STOCKPILE 18"x80' C.M.P.	55.7 52				80			80				2				
6179+50	R.C. & R. 18"x57' C.M.P. LT.	13.7							37								
6181+70	15"x23' C.M.P. UNDER APPROACH LEFT REMOVE, CLEAN & RELAY CULVERT MAKER POSTS (TO REPLACE EXISTING DAMAGED POSTS.)	15 11.5							3223								
Totals -----		7276	5930	820	164	706	138	482	1653	148	6064	258	62	390	6625		A-5L

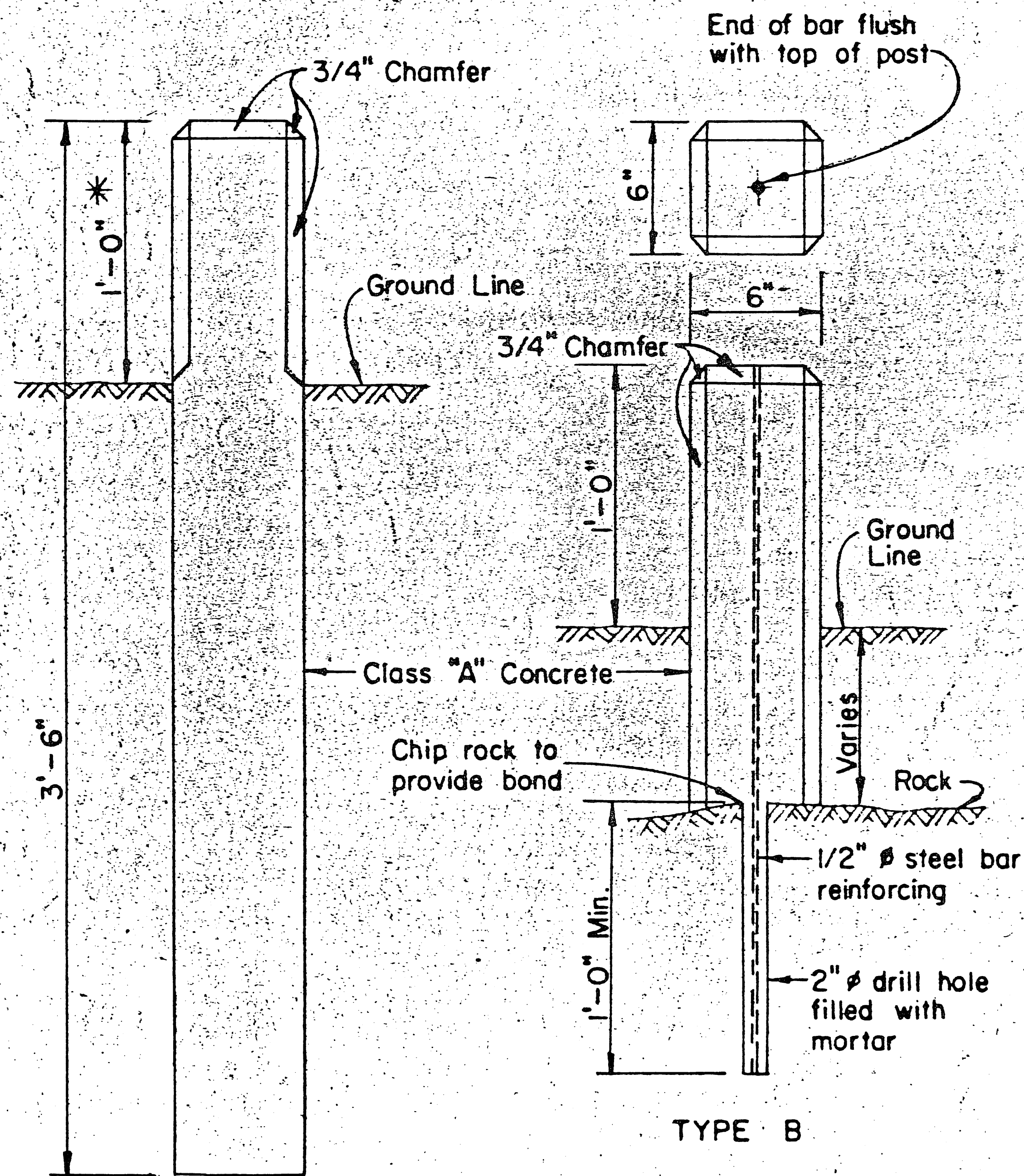
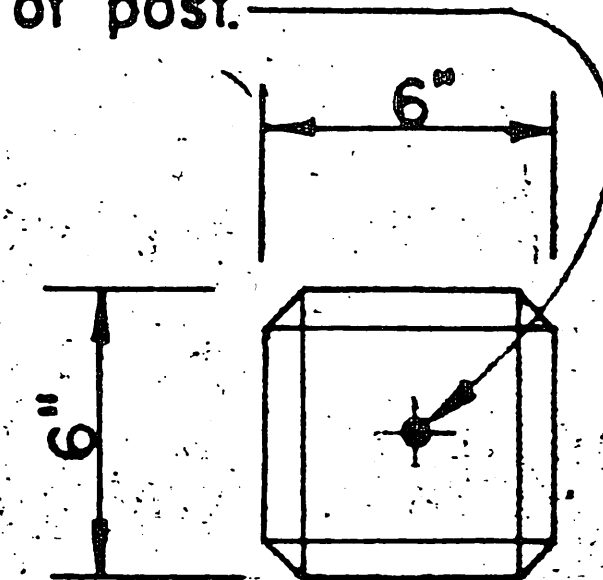
GENERAL NOTES

When solid rock is encountered the contractor shall have the option of furnishing either Type A or Type B monuments.

The portion of the monument projecting above the ground line shall be painted with a field coat of Ready Mix Medium-Chrome-Yellow, Federal Specification TT-P-53a.

* In areas where land use may endanger the monument, the engineer may direct the monuments to be placed flush or slightly below the ground surface.

3/16" copper wire 6" long cut flush with top of post.



TYPE A

TYPE B

RIGHT-OF-WAY MONUMENT

STANDARD CONCRETE RIGHT-OF-WAY MONUMENT

STATE	ROUTE	SECTION	SHEET NO	TOTAL SHEETS
ALASKA	F-021(10)		47	58

AS BUILT

SUMMARY OF RIGHT-OF-WAY MONUMENTS

STATION	Dist. from C in ft.		NO.	REMARKS	STATION	Dist. from C in ft.		NO.	REMARKS
	Left	Right				Left	Right		
0+5280+04.6	50	50	2	Beginning of Project	5427+10.3	132	100	2	PT
0+5292+12.2	50	50	2	P.C.	5428+00		100	1	POT
							68	1	POT
0+5293+00	50		1	POC					
	80		1	POC	5430+00		68	1	POT
							120	1	POT
0+5298+00	80	50	2	POC					
	200	150	2	POC	5432+25.1	132		1	PC
						250		1	PC
0+5303+53.3	200	150	2	PT					
					5436+00		120	1	POC
0+5316+00	200	150	2	POT			68	1	POC
	132	68	2	POT					
					5446+19.3 BK =	250	68	2	5446+20.9 Ahd.
0+5320+07.3	132	68	2	PC		132		1	
0+5333+50.1 BK =	132	68	2	=5333+53.0 Ahd. P.T.	5455+00	132	68	2	POT
5343+00	132	68	2	POT	5465+00	132	68	2	POT
		100	1	POT		132	400	1	POT
5350+75.9	132	100	2	PC	5473+80.8	132		1	PC
5361+00	132	100	2	POC	5475+00		400	1	POC
							68	1	POC
5371+34.6	132	100	2	PT	5484+00	132	68	2	POC
		68	1	PT					
5380+75.1	132	68	2	PC	5492+64.1	132	68	2	PT
5388+55.9	132	68	2	PT	5497+00	132	68	2	POT
						400	200	2	POT
5399+00	132	68	2	POT					
5409+85.3	132	68	2	PC	5503+00	400	200	2	POT
						132	68	2	POT
5415+00		68	1	POC	5512+00	132	68	2	POT
		100	1	POC					
5418+00	132		1	POC	5521+00	132	68	2	POT
			41					37	A-5L

5530+00	132	68	2	POT	5631+00	200	1	POT	5720+21.2	132	68	2	PC	
		120	1	POT		132	1	POT	5725+00		68	1	POC	
					5635+00	132	1	POT			100	1	POC	
5536+43.2	132	120	2	PC		200	1	POT	5728+78.2 BK	132	100	2	PT	
		68	1	PC	5640+00		68	1	POT					
									5823+49.8 AH					
5542+96.1	132	68	2	PT	5643+00	200	1	POT						
						132	1	POT	5825+00		100	1	POT	
5547+00		68	1	POT	5649+94.3	132	68	2	PC		68	1	POT	
		100	1	POT		350	1	PC	5830+00		68	1	POT	
5553+00	132		1	POT	5654+00	350	1	POC			80	1	POT	
5559+00		100	1	POT					5833+00	132		1	POT	
		300	1	POT	5659+63.5	250	68	2	PT	5834+00		80	1	POT
5564+00	132		1	POT							68	1	POT	
	200		1	POT	5668+00	250	1	POT	5842+61.3	132	68	2	PC	
5566+59.7	200	300	2	PC		132	1	POT			100	1	PC	
	132	68	2	PC	"L" 5671+32.3	132	68	2	PC "O" LINE IS CONST.	5847+92.5	132	100	2	PT
5574+80.5	132	68	2	PT					LINE BUT ROW IS OFF "L" LINE	5849+00		100	1	POT
					"L" 5677+89.3	132	68	2	PT			68	1	POT
5585+00	132	68	2	POT					5857+74.2	132	68	2	PC	
					"L" 5680+00		68	1	POT	5864+40.4 BK =	132	68	2	=5864+40.8 Ahd. P.T.
5595+00	132	68	2	POT			80	1	POT	5865+17.5	132	68	2	PC
					"L" 5681+65.3	132	80	2	PC					
5605+00	132	68	2	POT					5872+97.5	132	68	2	PT	
					"L" 5687+00		80	1	POC					
5615+00	132	68	2	POT			68	1	POC	5880+14.3	132	68	2	PC
5621+00		68	1	POT	"L" 5694+10.1	132	68	2	PT					
		120	1	POT					5886+81.6	132	68	2	PT	
5624+59.2	132	120	2	PC	5697+26.2	132	68	2	PC					
	200		1	PC					5896+54.3	132	68	2	PC	
5626+00		120	1	POC	5706+00	132	68	2	POC					
		68	1	POC					5901+84.6	132	68	2	PT	
5629+88.4	200	68	2	PT	5714+67.9	132	68	2	PT					

AS BUILT

SUMMARY OF STANDARD SIGNS

STATION	Dist. from C in ft.		SIGN NO.	TYPE OF SIGN	STATION	Dist. from C in ft.		SIGN NO.	TYPE OF SIGN	STATION	Dist. from C in ft.		SIGN NO.	TYPE OF SIGN
	LEFT	RIGHT				LEFT	RIGHT				LEFT	RIGHT		
5283		22	W7-1	HILL	6078	22		W1-2	CURVE RT.					
5289		22	W1-2	CURVE LT.	6086	22		W1-2	CURVE RT.					
5307	22		W1-2	CURVE RT.	6116		22	W1-2	CURVE RT.					
5317		22	W1-2	CURVE RT.	6126	22		W1-2	CURVE LT.					
5337	22		W1-2	CURVE LT.	6135		22	W1-2	CURVE LT.					
5347		22	W1-2	CURVE LT.	6145	22		W1-2	CURVE RT.					
5375	22		W1-2	CURVE RT.	6166		22	W1-4	REVERSE CURVE LT.					
5406		22	W1-2	CURVE RT.	6186	22		W1-4	REVERSE CURVE LT.					
5431	22		W1-2	CURVE LT.										
5533		22	W1-2	CURVE LT.			Total	41						
5546	22		W1-2	CURVE RT.										
5667		22	W1-4	REVERSE CURVE LT.										
5684	22		W7-1	HILL										
5697	22		W1-4	REVERSE CURVE LT.										
5717		22	W1-2	CURVE RT.										
5827	22		W1-2	CURVE LT.										
5904		22	W1-2	CURVE LT.										
5906+60	25		R1-1	STOP										
5917	22		W1-2	CURVE RT.										
5917		22	W1-2	CURVE RT.										
5927	22		W1-2	CURVE LT.										
5965		22	W1-2	CURVE LT.										
5970	22		W7-1	HILL										
5976	22		W1-2	CURVE RT.										
5976		22	W1-2	CURVE LT.										
5988	22		W1-2	CURVE RT.										
6005		22	W1-2	CURVE RT.										
6023	22		W1-2	CURVE LT.										
6028		22	W7-1	HILL										
6029		22	W1-4	REVERSE CURVE LT.										
6050	22		W1-4	REVERSE CURVE LT.										
6067		22	W1-2	CURVE LT.										
6077		22	W1-2	CURVE LT.										