

BEFORE THE  
FEDERAL ENERGY REGULATORY COMMISSION  
APPLICATION FOR LICENSE FOR MAJOR PROJECT  
**SUSITNA HYDROELECTRIC PROJECT**

VOLUME 17

**D R A F T**

EXHIBIT G  
**PROJECT LIMITS  
AND LAND OWNERSHIP**

CIRC. DOC.  
ALASKA STATE  
LIBRARY

ALASKA  
DOCUMENT  
TK  
1425  
.89  
B44  
1985  
vol. 17  
OVERSIZE

**HARZA-EBASCO**  
SUSITNA JOINT VENTURE

***Alaska Power Authority***





# ALASKA POWER AUTHORITY

## SUSITNA HYDROELECTRIC PROJECT

### PLATE INDEX

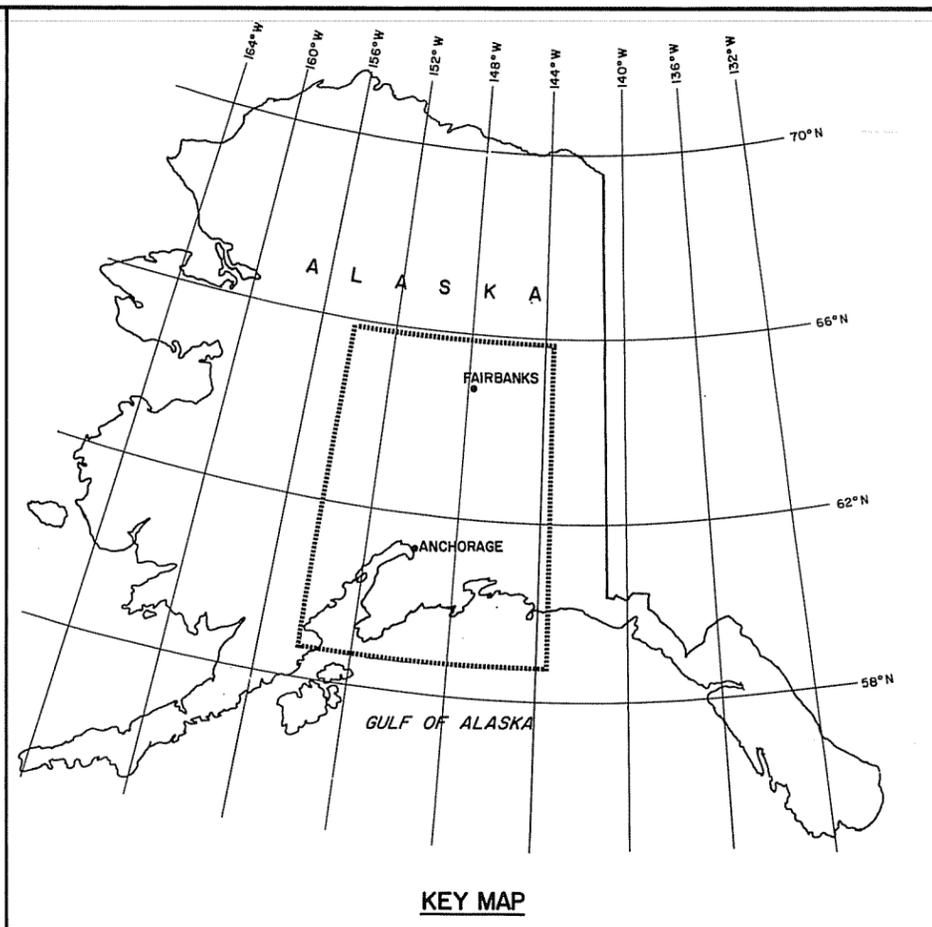
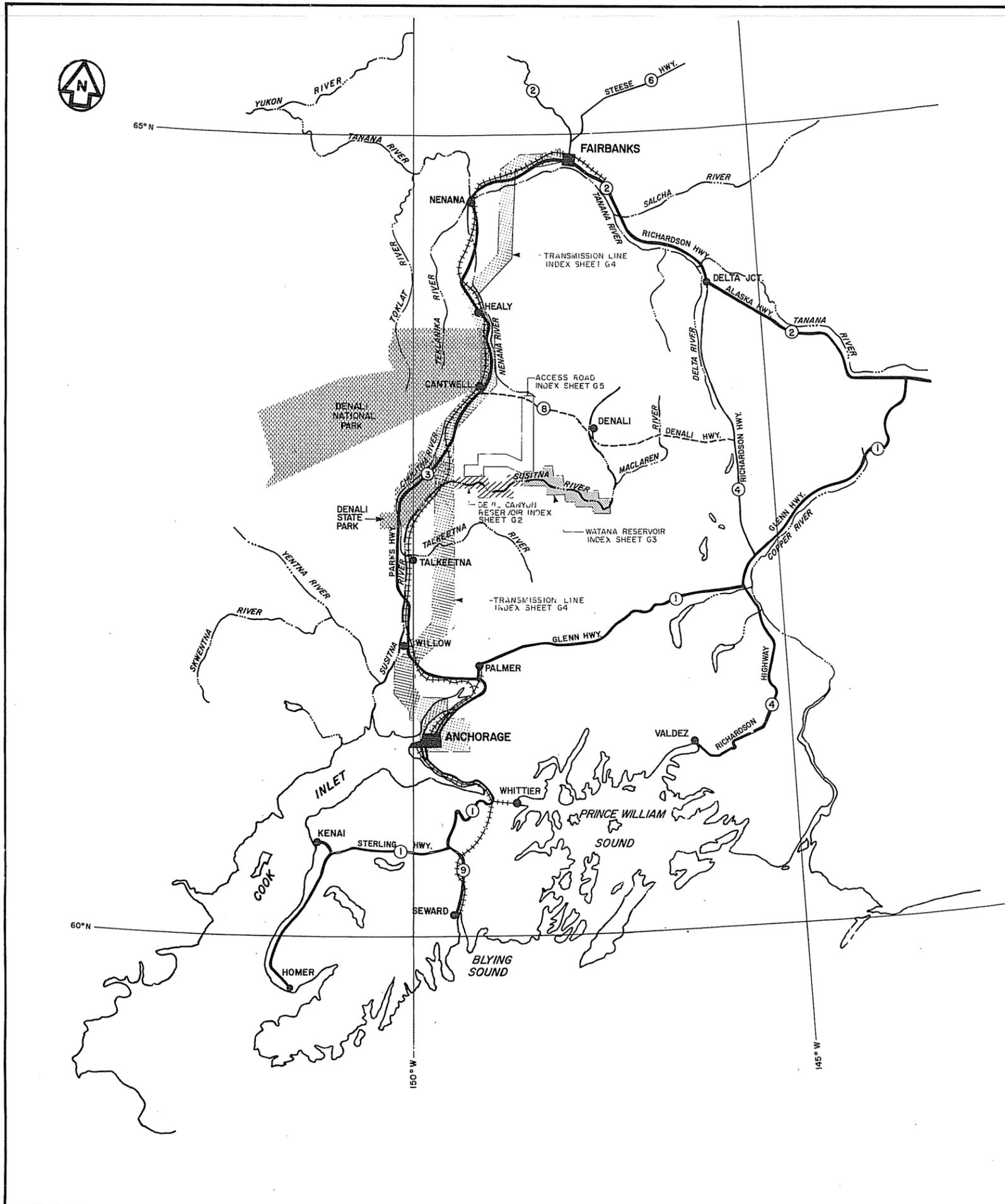
<u>PLATE NO.</u>	<u>TITLE</u>
G1	RAILBELT MAP INDEX
G2	DEVIL CANYON MAP INDEX
G3	WATANA MAP INDEX
G4	TRANSMISSION LINE MAP INDEX
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G30-G52	TRANSMISSION LINE BOUNDARY MAPS
G53-G59	ACCESS ROAD BOUNDARY MAPS

Land Status Information Prepared By LAND FIELD SERVICES,  
ANCHORAGE, ALASKA  
All Survey Work Except WILLOW To HEALY By R&M CONSULTANTS,  
ANCHORAGE, ALASKA

AUG. 1985

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1985  
V.17  
OVERSIZE

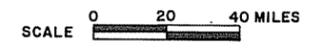
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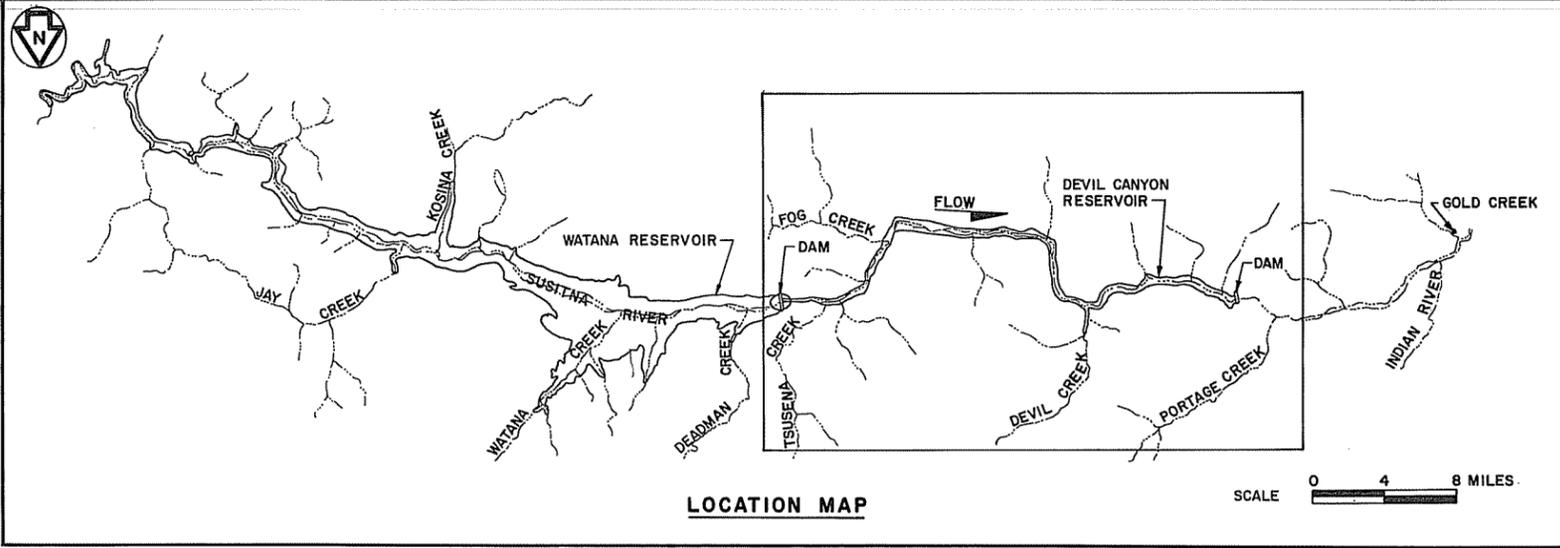
KEY MAP

LEGEND

- PRIMARY PAVED UNDIVIDED HIGHWAY
- SECONDARY PAVED UNDIVIDED HIGHWAY
- SECONDARY GRAVEL HIGHWAY
- RAILROAD
- RIVER



MARZA-EBASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY	
		SUSITNA HYDROELECTRIC PROJECT	
<b>RAILBELT MAP INDEX</b>			
EXHIBIT G		PLATE G1	

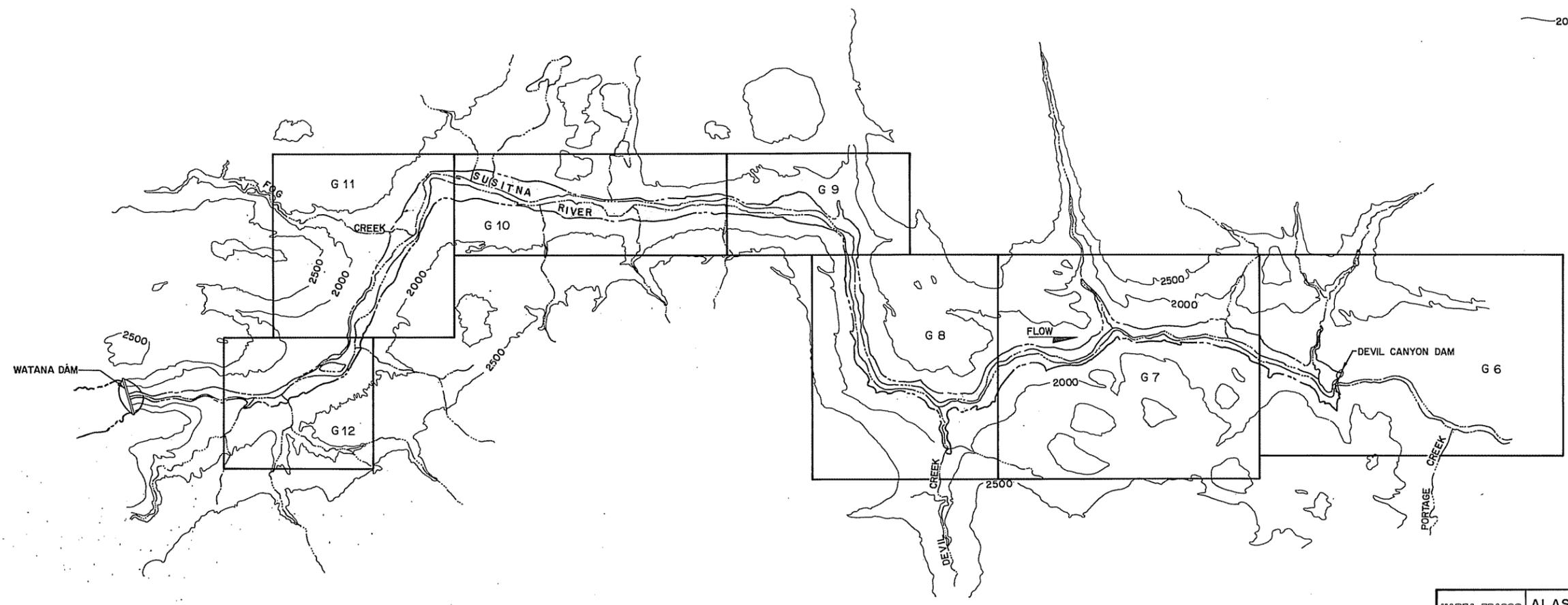


LOCATION MAP

SCALE 0 4 8 MILES

**LEGEND**

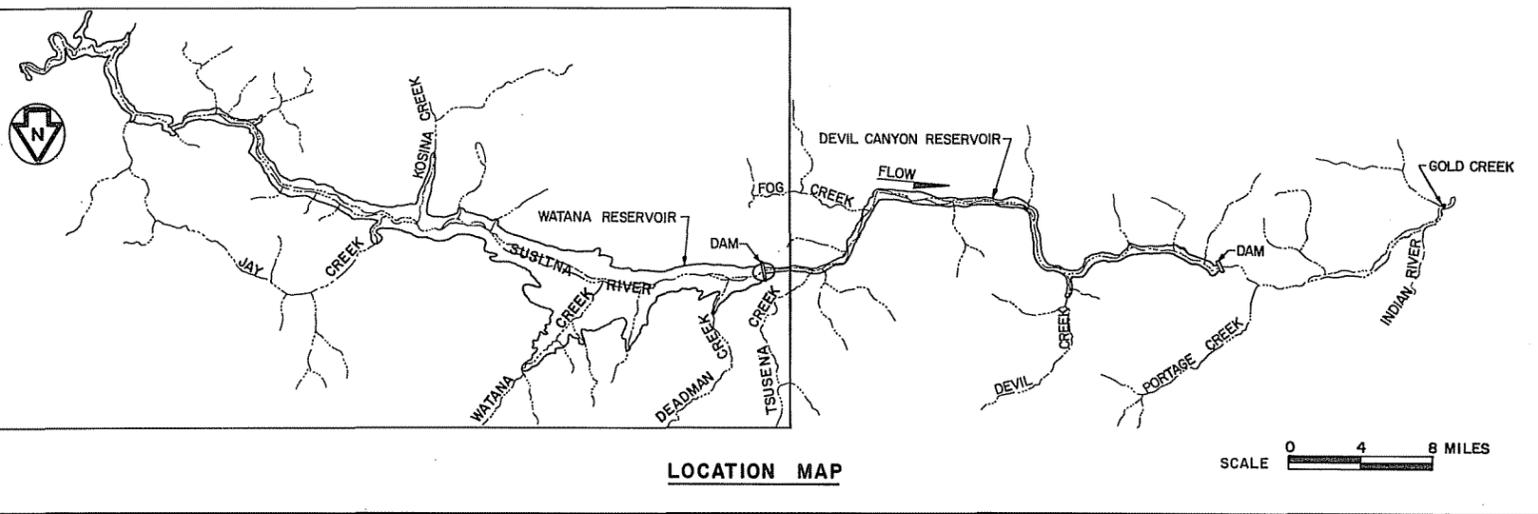
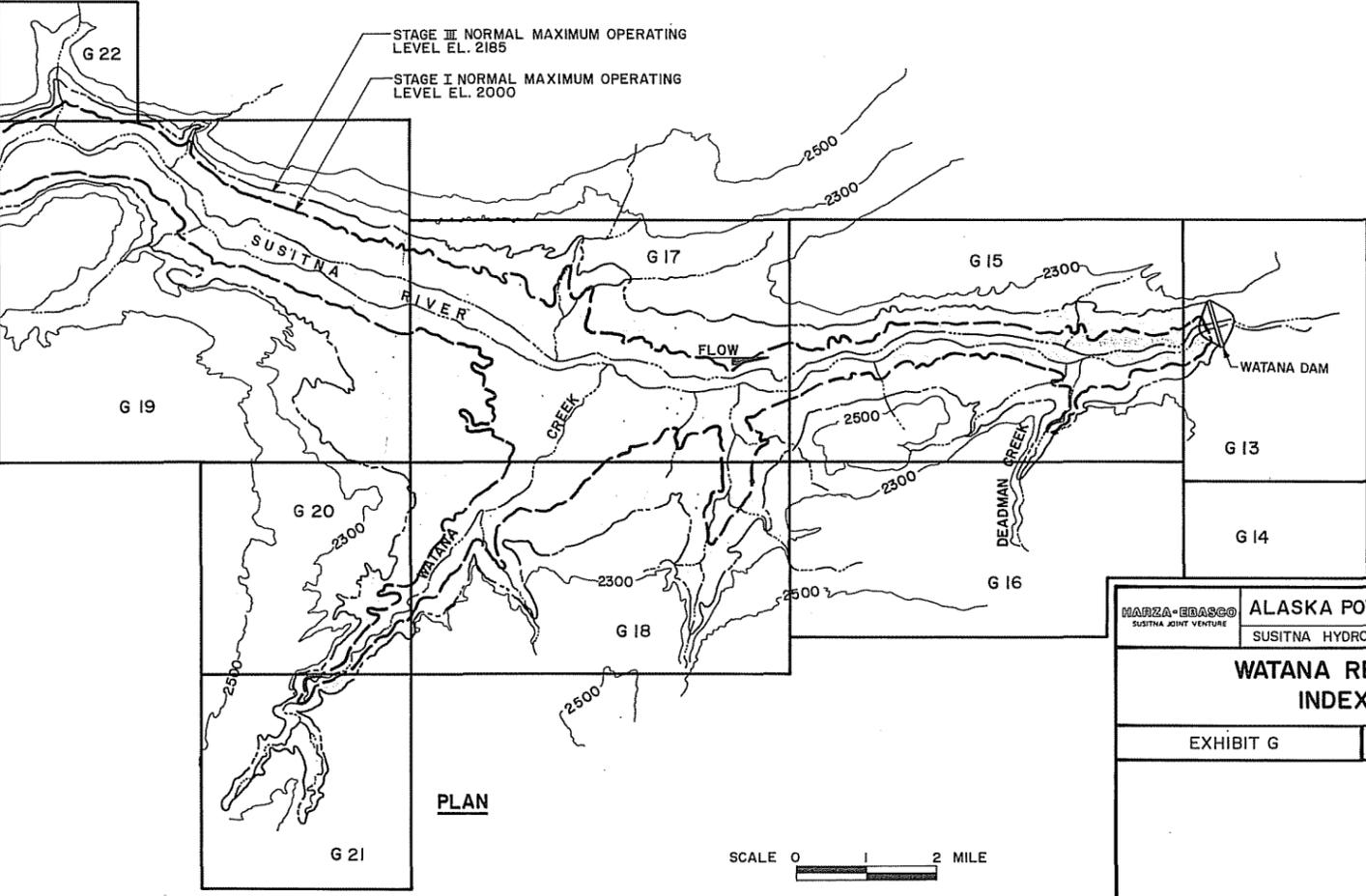
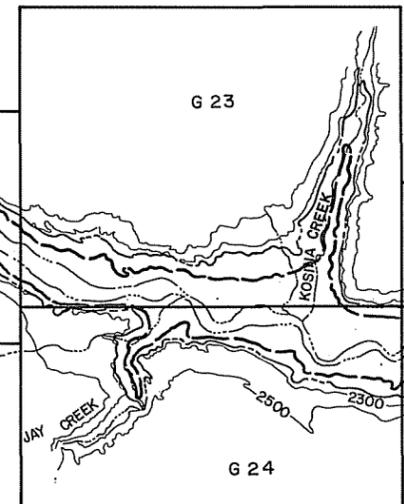
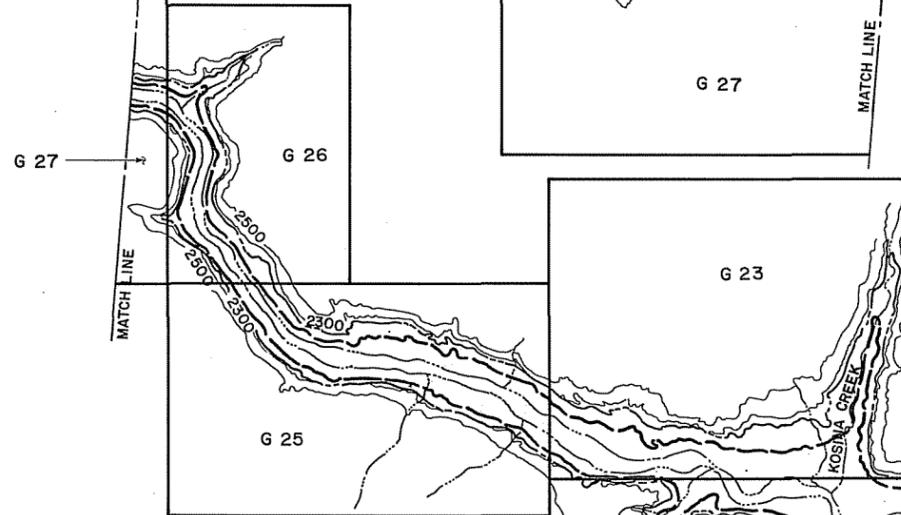
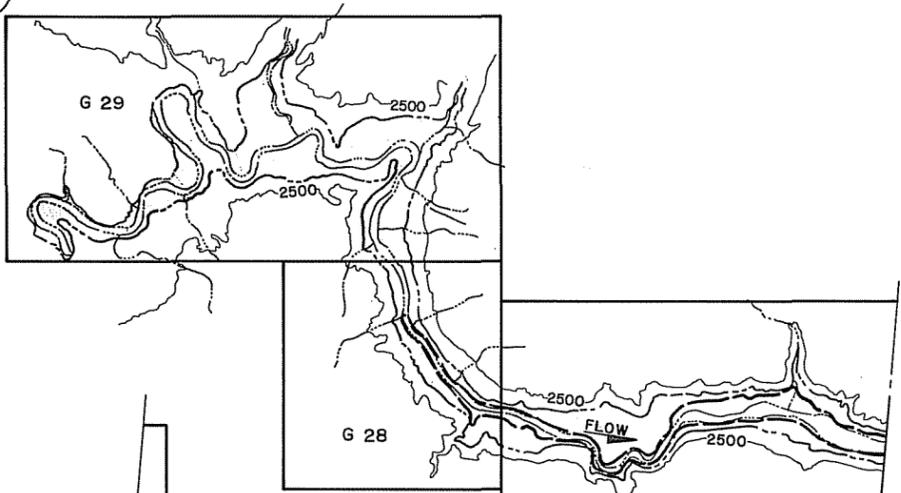
-  NORMAL MAXIMUM OPERATING LEVEL EL. 1455
-  2000 CONTOUR IN FEET ABOVE MSL



PLAN

SCALE 0 1 2 MILES

<small>MARZA-EGASCO</small> ALASKA POWER AUTHORITY <small>SUSITNA JOINT VENTURE</small> SUSITNA HYDROELECTRIC PROJECT	
<b>DEVIL CANYON RESERVOIR INDEX MAP</b>	
EXHIBIT G	PLATE G 2



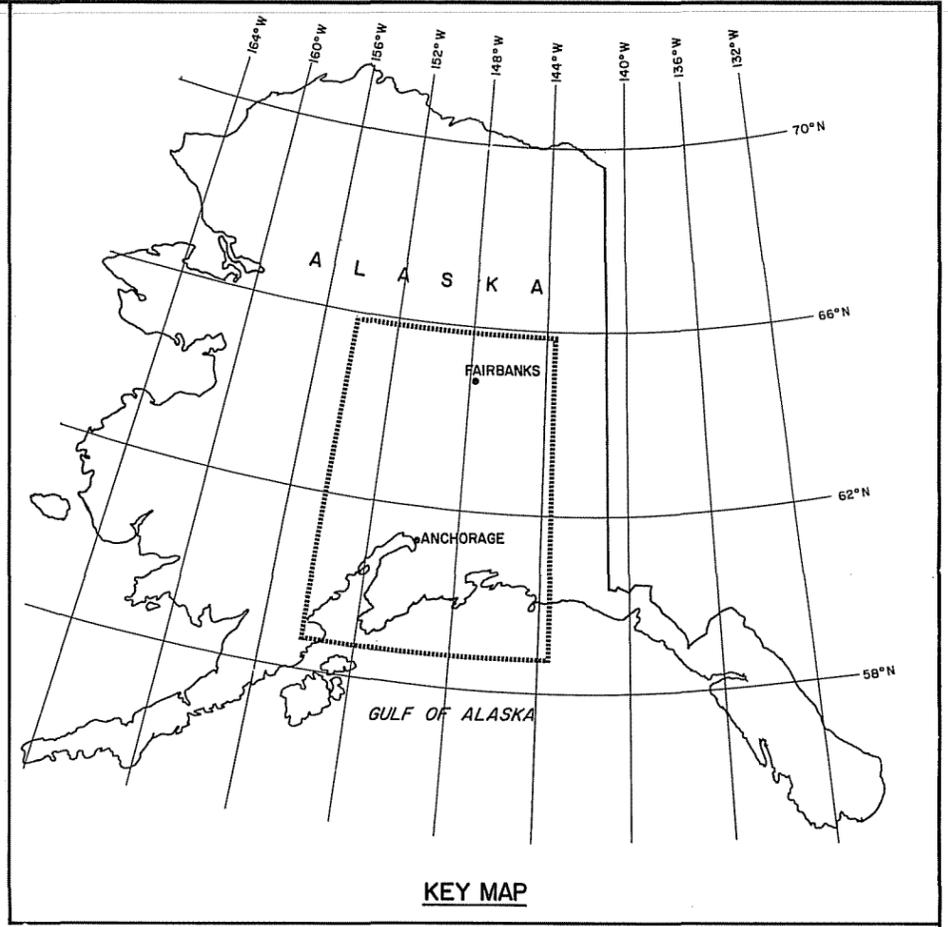
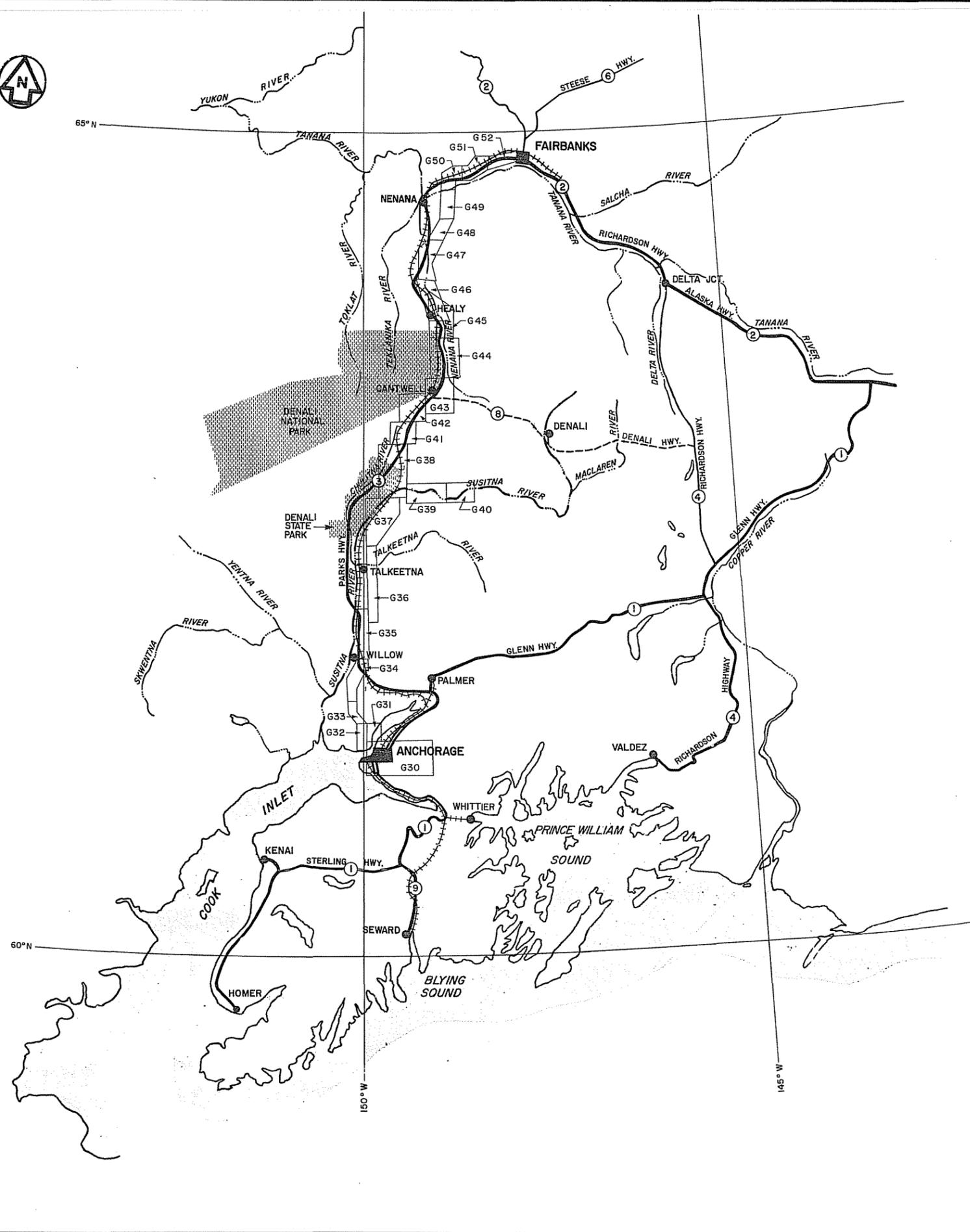
MARZA-EDASCO  
SUSITNA JOINT VENTURE

ALASKA POWER AUTHORITY  
SUSITNA HYDROELECTRIC PROJECT

WATANA RESERVOIR  
INDEX MAP

EXHIBIT G      PLATE G 3

SCALE 0 1 2 MILE



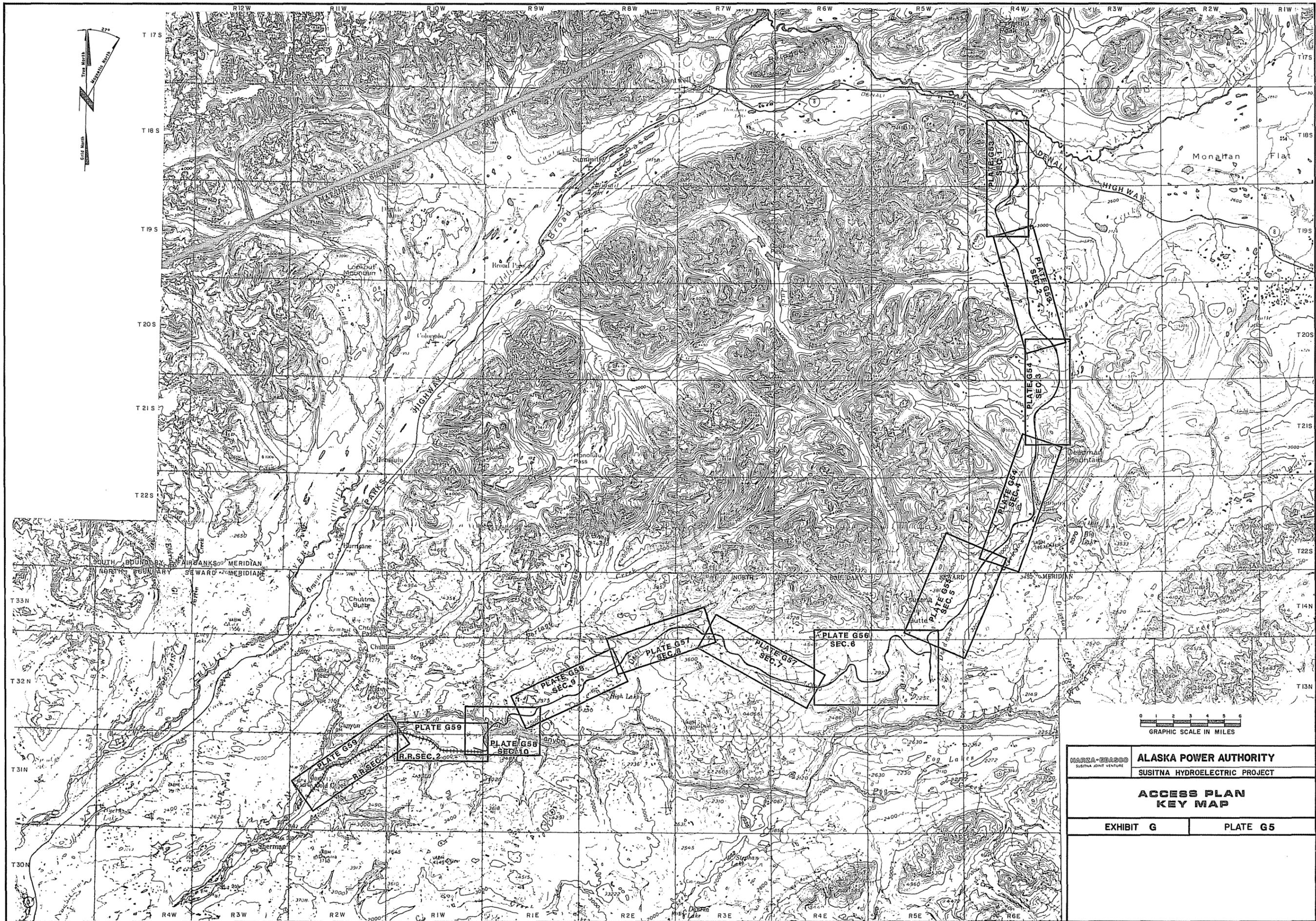
KEY MAP

**LEGEND**

- PRIMARY PAVED UNDIVIDED HIGHWAY
- SECONDARY PAVED UNDIVIDED HIGHWAY
- SECONDARY GRAVEL HIGHWAY
- RAILROAD
- RIVER

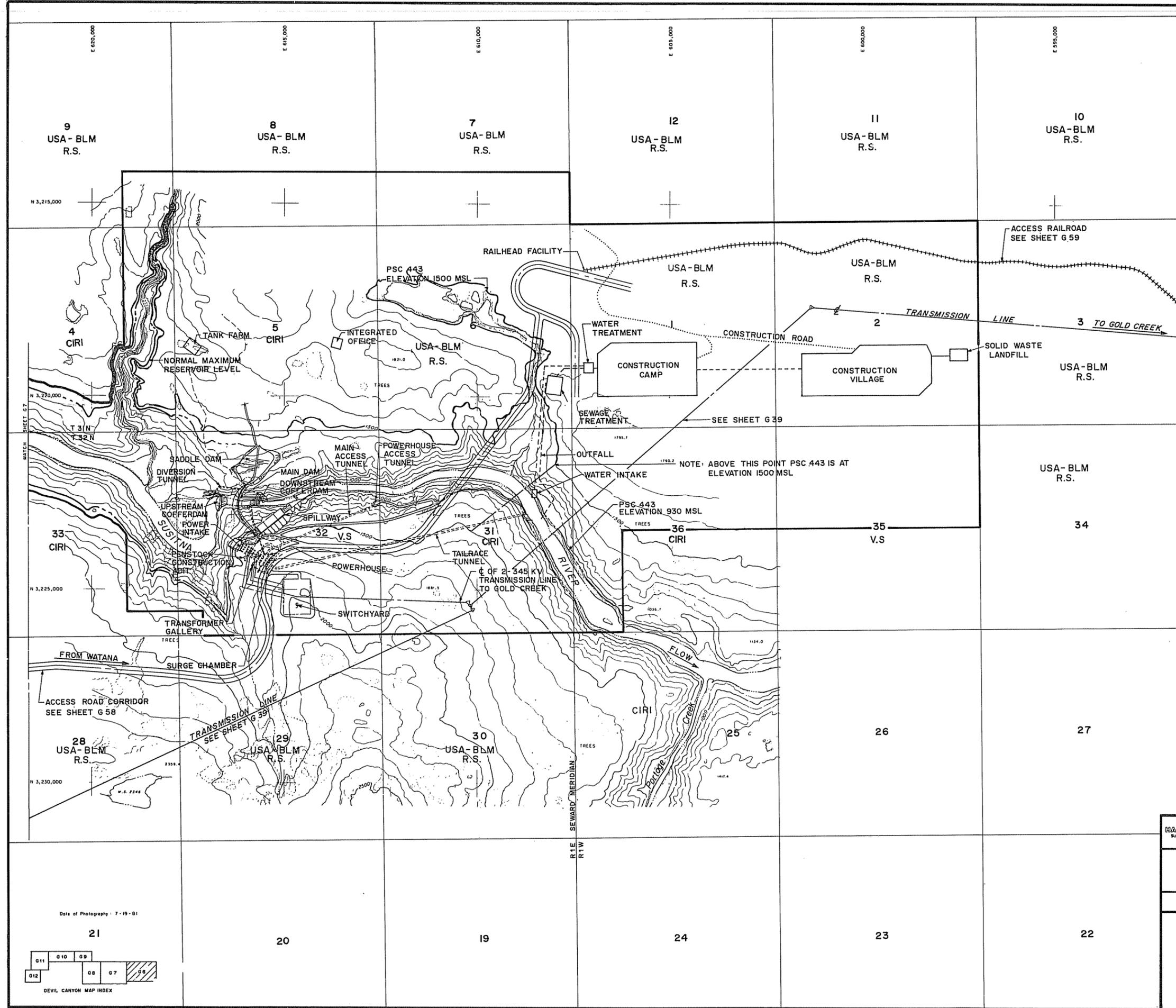


<small>HARZA-EDASCO</small> <small>SUSITNA JOINT VENTURE</small>		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE INDEX MAP</b>			
EXHIBIT G		PLATE G4	

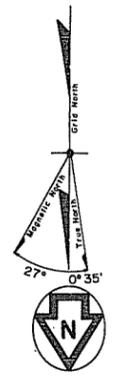


MARZA-BOASCO SUSITNA JOINT VENTURE		<b>ALASKA POWER AUTHORITY</b>	
		SUSITNA HYDROELECTRIC PROJECT	
<b>ACCESS PLAN KEY MAP</b>			
EXHIBIT G		PLATE G5	

# DEVIL CANYON PROJECT BOUNDARY MAPS



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.T.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



**LEGEND**

- PROJECT BOUNDARY
  - - - NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
  - POWER SITE CLASSIFICATION NO. 443
- LAND OWNERSHIP SCHEDULE**
- USA-BLM — BUREAU OF LAND MANAGEMENT
  - AK — STATE OF ALASKA
  - CIRI — COOK INLET REGION, INC.
  - US ARMY — UNITED STATES ARMY
  - USAF — UNITED STATES AIR FORCE
  - MAT- U — MATANUSKA - SUSITNA BOROUGH
  - M OF ANC — MUNICIPALITY OF ANCHORAGE
  - R.S. — COOK INLET REGION, INC. REGIONAL SELECTION
  - V.S. — VILLAGE SELECTION
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 1000 2000 FEET

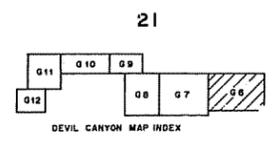
Contour Interval: 100'

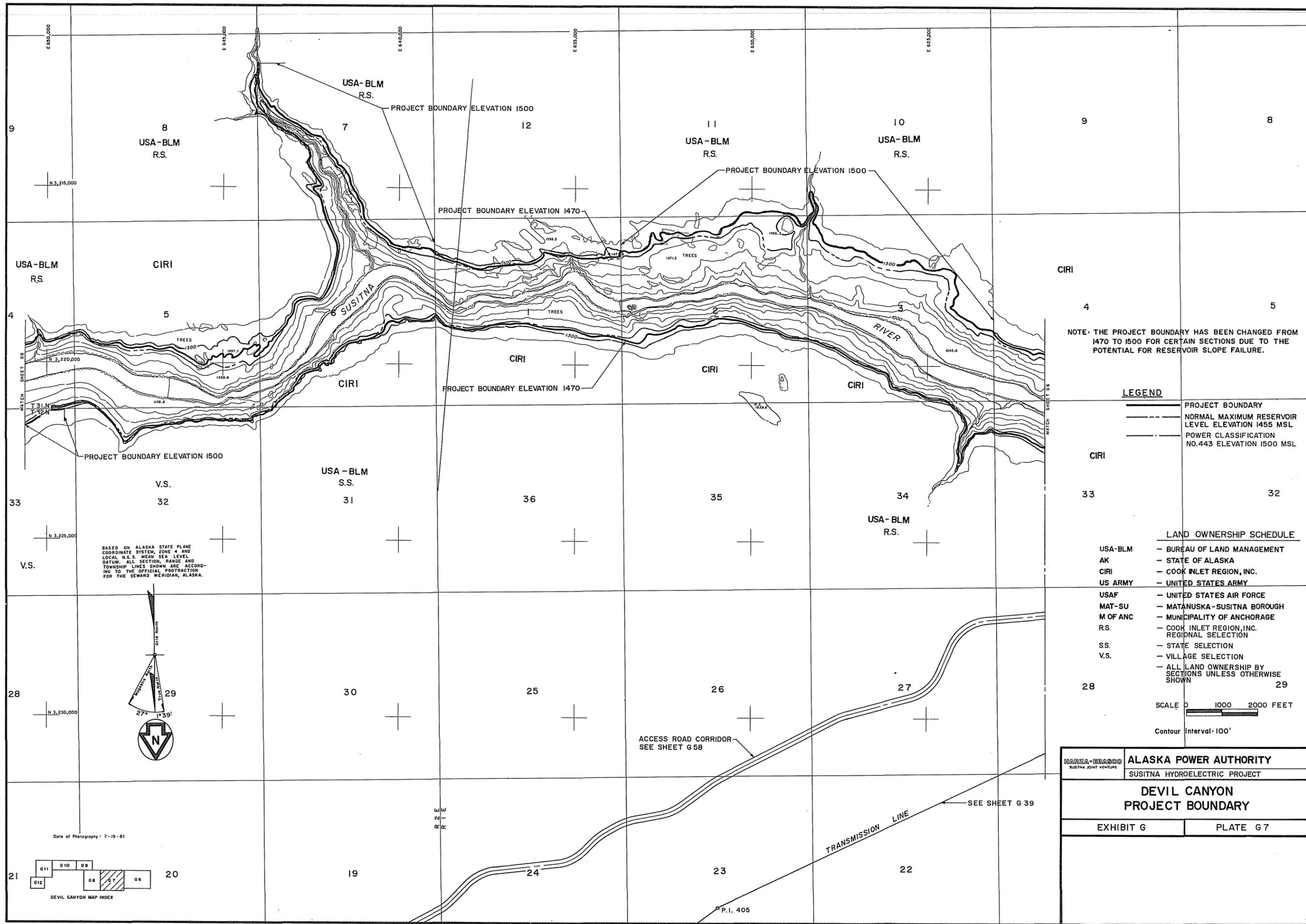
**HARZA-EDASCO** ALASKA POWER AUTHORITY  
SUSITNA JOINT VENTURE SUSITNA HYDROELECTRIC PROJECT

**DEVIL CANYON PROJECT BOUNDARY**

EXHIBIT G PLATE G 6

Date of Photography: 7-19-81





NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 1470 TO 1500 FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

**LEGEND**

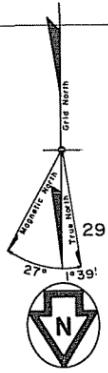
	PROJECT BOUNDARY
	NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
	POWER CLASSIFICATION NO.443 ELEVATION 1500 MSL

**LAND OWNERSHIP SCHEDULE**

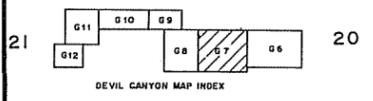
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA - SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
R.S.	- COOK INLET REGION, INC. REGIONAL SELECTION
S.S.	- STATE SELECTION
V.S.	- VILLAGE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 1000 2000 FEET  
 Contour Interval: 100'

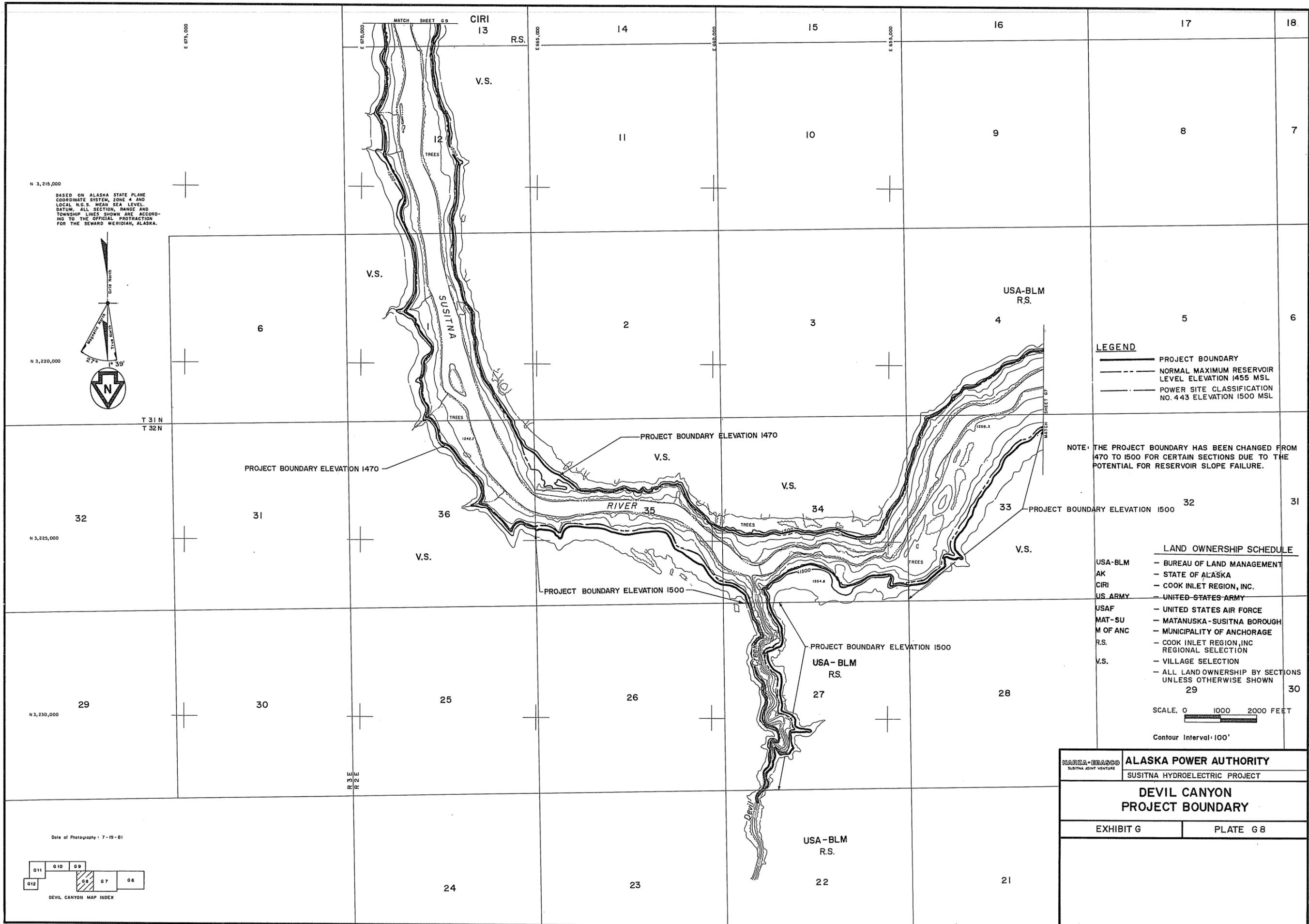
BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



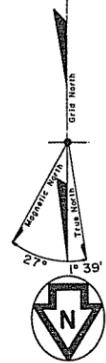
Date of Photography: 7-19-81



<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>DEVIL CANYON PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 7



N 3,215,000  
 BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.



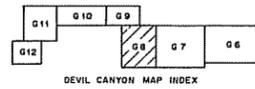
N 3,220,000

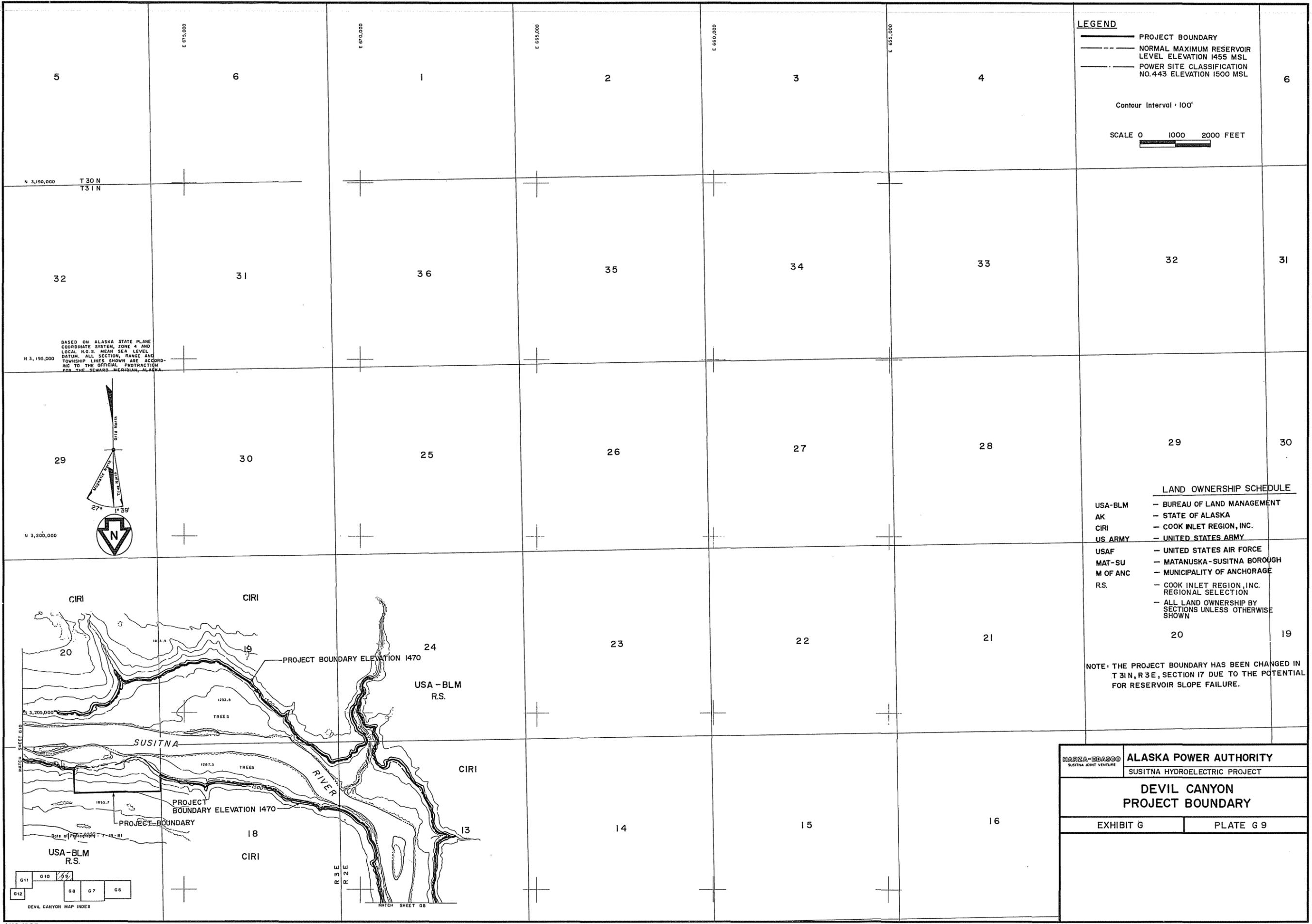
T 31 N  
T 32 N

N 3,225,000

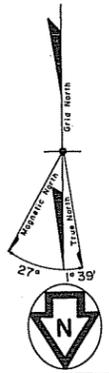
N 3,230,000

Date of Photography: 7-19-81





BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



**LEGEND**  
 ——— PROJECT BOUNDARY  
 - - - - - NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL  
 - · - · - POWER SITE CLASSIFICATION NO. 443 ELEVATION 1500 MSL

Contour Interval - 100'

SCALE 0 1000 2000 FEET

**LAND OWNERSHIP SCHEDULE**

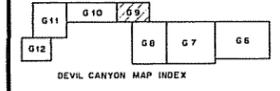
USA-BLM	- BUREAU OF LAND MANAGEMENT
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CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
R.S.	- COOK INLET REGION, INC. REGIONAL SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

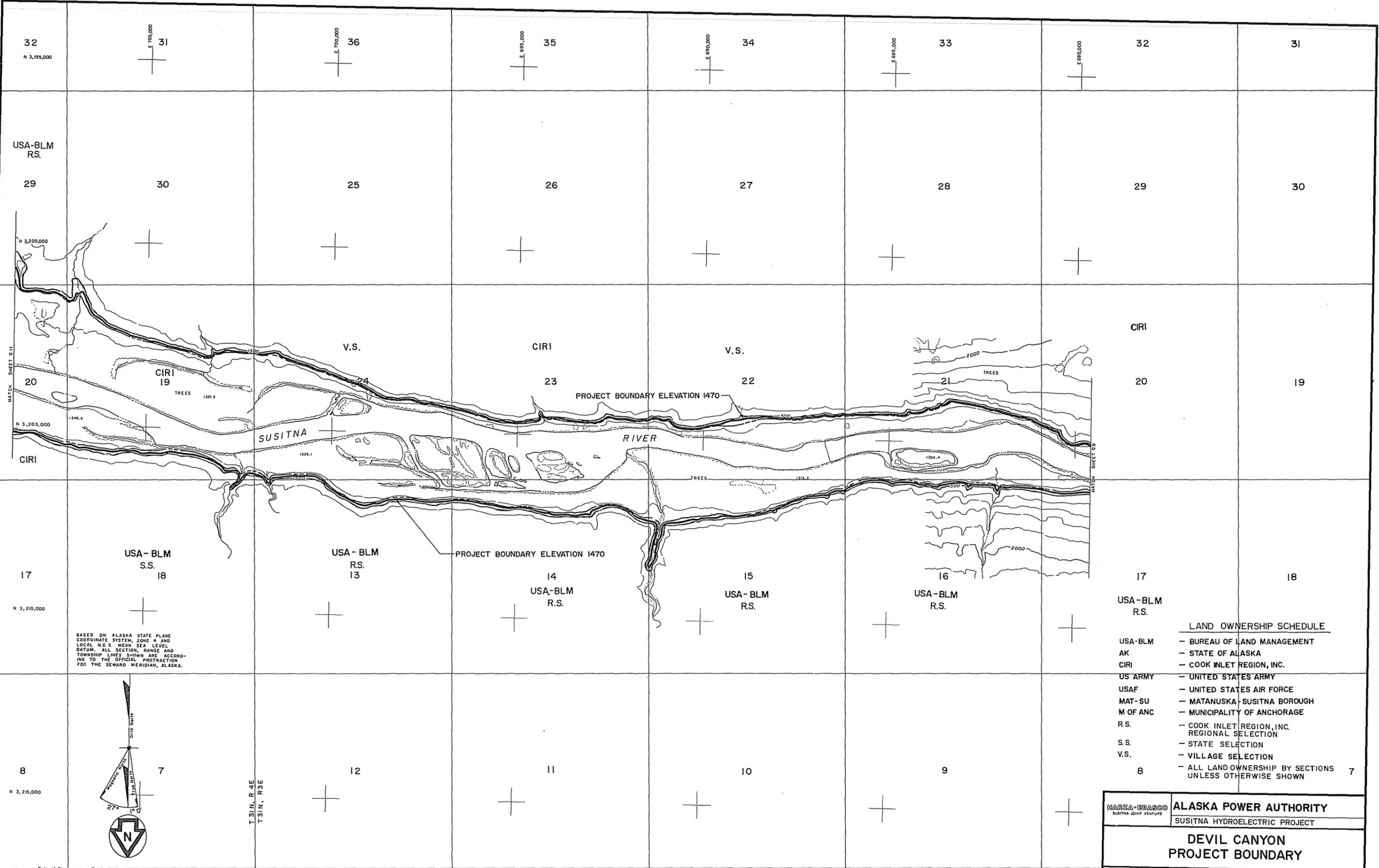
NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED IN T 31 N, R 3 E, SECTION 17 DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

**HARZA-EDASCO**  
 SUSITNA JOINT VENTURE  
**ALASKA POWER AUTHORITY**  
 SUSITNA HYDROELECTRIC PROJECT

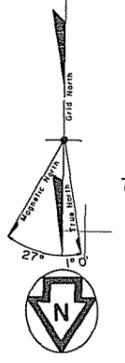
**DEVIL CANYON PROJECT BOUNDARY**

EXHIBIT G PLATE G 9

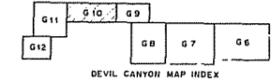




BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



Date of Photography: 7-19-81



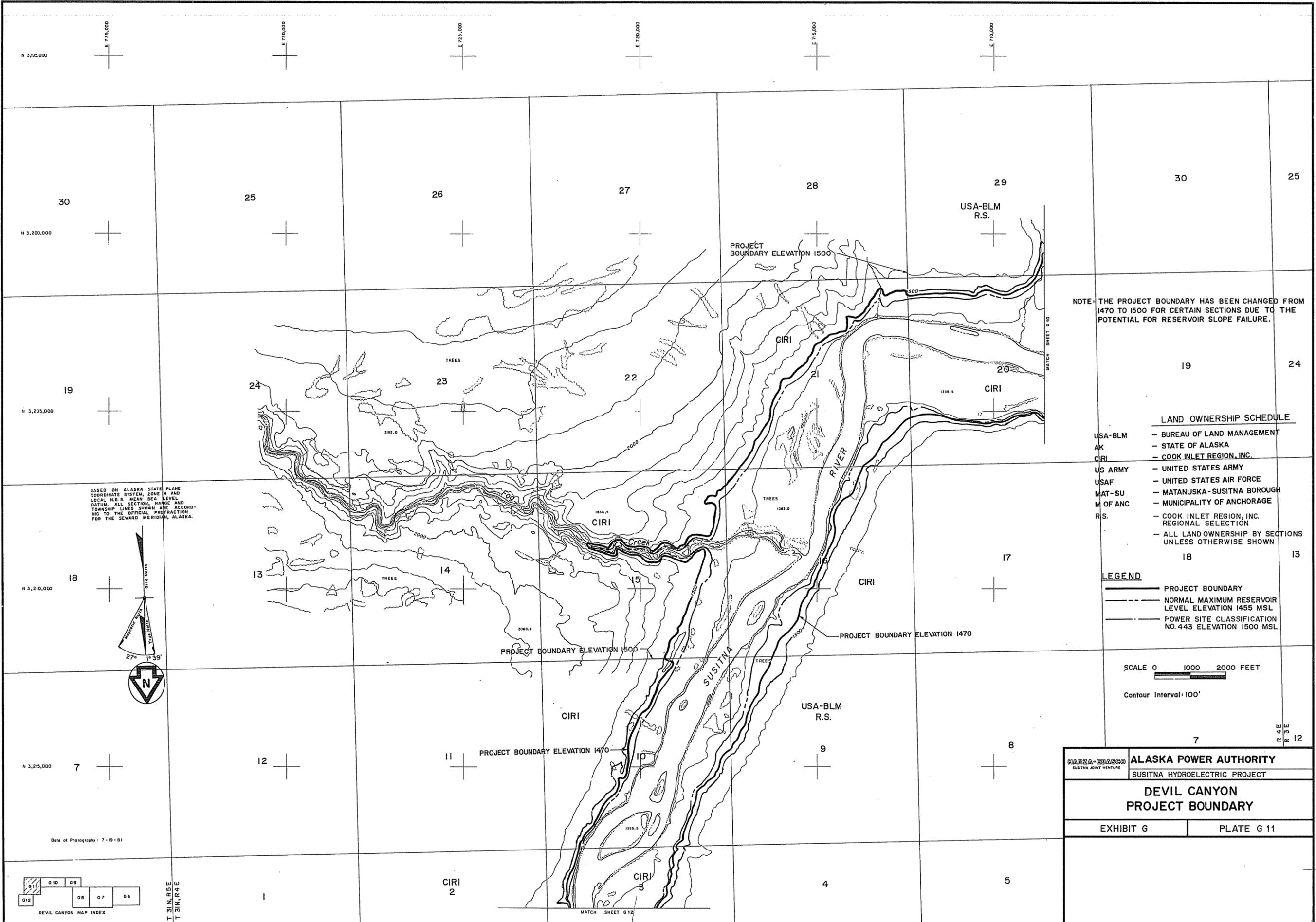
DEVIL CANYON MAP INDEX

LAND OWNERSHIP SCHEDULE	
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
C.I.R.I.	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
R.S.	- COOK INLET REGION, INC. REGIONAL SELECTION
S.S.	- STATE SELECTION
V.S.	- VILLAGE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

- LEGEND**
- PROJECT BOUNDARY
  - - - NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
  - POWER SITE CLASSIFICATION NO. 443 ELEVATION 1500 MSL

SCALE 0 1000 2000 FEET  
Contour Interval: 100'

	<b>ALASKA POWER AUTHORITY</b>
	SUSITNA HYDROELECTRIC PROJECT
<b>DEVIL CANYON PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 10

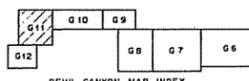


N 3,95,000 E 735,000  
 N 3,200,000 E 730,000  
 N 3,205,000 E 725,000  
 N 3,210,000 E 720,000  
 N 3,215,000 E 715,000  
 N 3,220,000 E 710,000

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



Date of Photography: 7-19-81



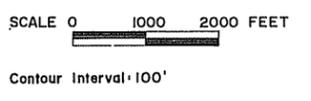
NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 1470 TO 1500 FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

LAND OWNERSHIP SCHEDULE

USA-BLM	- BUREAU OF LAND MANAGEMENT
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USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
R.S.	- COOK INLET REGION, INC. REGIONAL SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LEGEND

	PROJECT BOUNDARY
	NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
	POWER SITE CLASSIFICATION NO. 443 ELEVATION 1500 MSL



HARZA-EBASCO  
 SUSITNA JOINT VENTURE  
**ALASKA POWER AUTHORITY**  
 SUSITNA HYDROELECTRIC PROJECT

**DEVIL CANYON PROJECT BOUNDARY**

EXHIBIT G      PLATE G 11



N 3,220,000  
E 720,000

T 31N  
T 32N

N 3,225,000

N 3,230,000

N 3,235,000

N 3,240,000

E 725,000

E 715,000

E 710,000

E 705,000

V.S. 36  
TREES

V.S. 35  
TREES

34  
USA-BLM  
R.S.

25  
CIRI

26  
USA-BLM  
S.S.

27  
USA-BLM  
S.S.

USA-BLM  
S.S.  
24

23

22

21

20

19

ACCESS ROAD CORRIDOR  
SEE SHEET G 56

ACCESS ROAD CORRIDOR  
SEE SHEET G 56

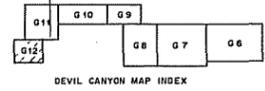
ACCESS ROAD CORRIDOR  
SEE SHEET G 57

TRANSMISSION LINE  
SEE SHEET G 40

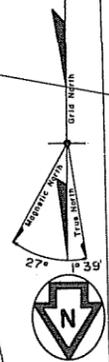
**LEGEND**

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
- POWER SITE CLASSIFICATION NO. 443 ELEVATION 1500 MSL

SCALE 0 1000 2000 FEET



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



**LAND OWNERSHIP SCHEDULE**

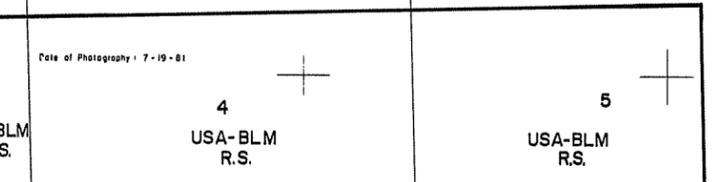
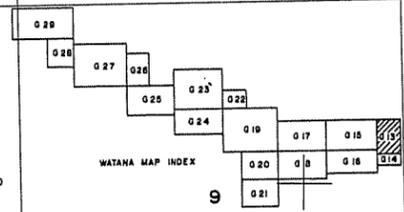
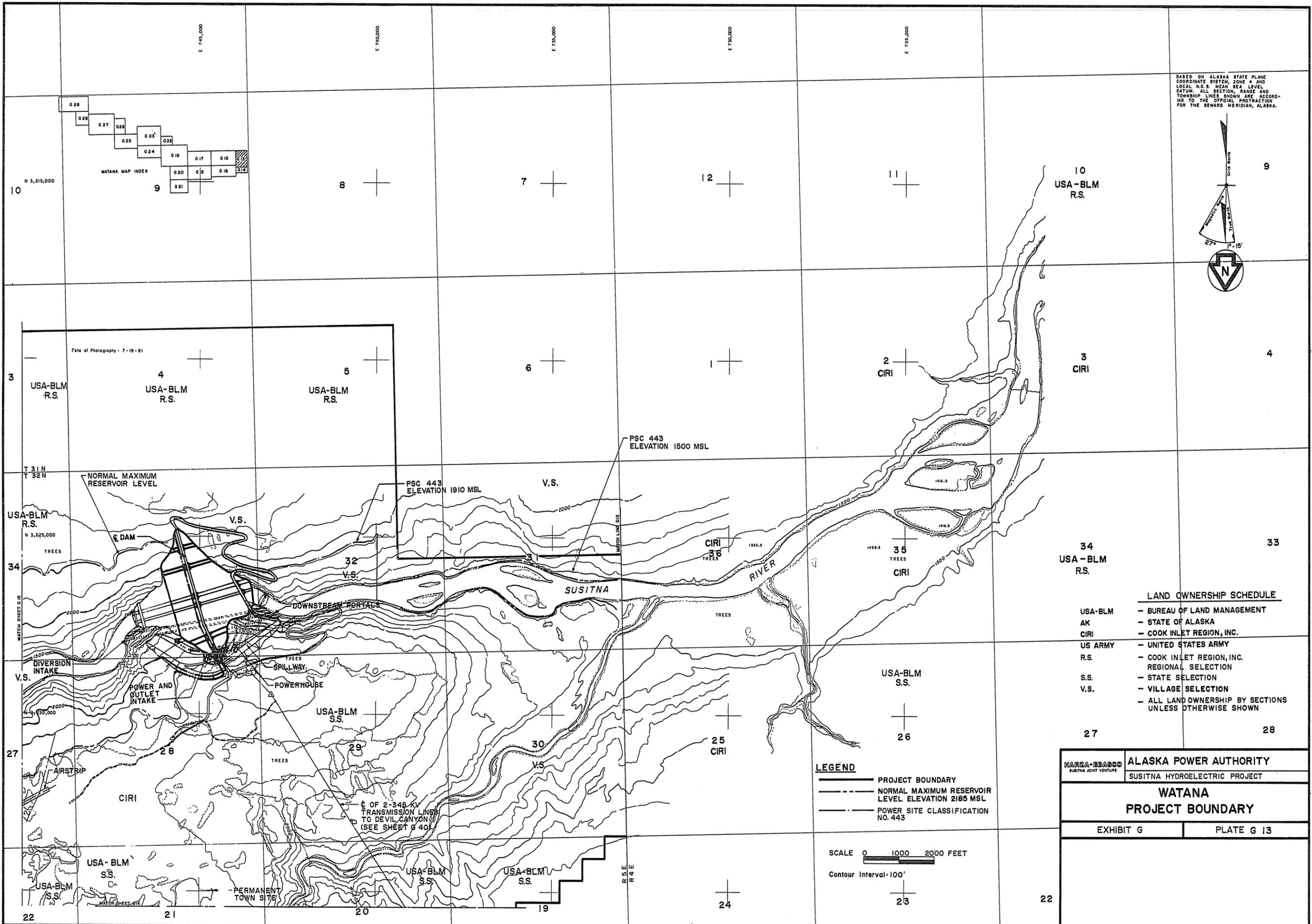
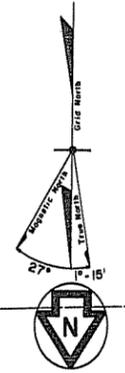
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- V.S. — VILLAGE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

Contour Interval: 100'

<b>HARZA-BLASCO</b> <small>SUSITNA JOINT VENTURE</small>	
<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>DEVIL CANYON PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 12

**WATANA PROJECT BOUNDARY MAPS**

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



T 31 N  
T 32 N

USA-BLM R.S.  
N 3,225,000

34

MATCH SHEET G 15

V.S.

27

AIRSTRIIP

USA-BLM S.S.

USA-BLM S.S.

22

NORMAL MAXIMUM RESERVOIR LEVEL

DAM

POWER AND OUTLET INTAKE

CIRI

USA-BLM S.S.

USA-BLM S.S.

21

V.S.

POWERHOUSE

TREES

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

20

PSC 443 ELEVATION 1910 MSL

DOWNSTREAM PORTALS

USA-BLM S.S.

OF 2-345 KV TRANSMISSION LINES TO DEVIL CANYON (SEE SHEET G 40)

USA-BLM S.S.

USA-BLM S.S.

20

V.S.

32 V.S.

30 V.S.

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

19

PSC 443 ELEVATION 1500 MSL

MATCH LINE 012

TREES

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

19

36 CIRI TREES

25 CIRI

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

24

**LEGEND**

- PROJECT BOUNDARY
- - - NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
- POWER SITE CLASSIFICATION NO. 443

SCALE 0 1000 2000 FEET

Contour Interval 100'

23

USA-BLM S.S.

26

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

23

10 USA-BLM R.S.

3 CIRI

34 USA-BLM R.S.

27

USA-BLM S.S.

USA-BLM S.S.

USA-BLM S.S.

22

**LAND OWNERSHIP SCHEDULE**

- USA-BLM — BUREAU OF LAND MANAGEMENT
- AK — STATE OF ALASKA
- CIRI — COOK INLET REGION, INC.
- US ARMY — UNITED STATES ARMY
- R.S. — COOK INLET REGION, INC. REGIONAL SELECTION
- S.S. — STATE SELECTION
- V.S. — VILLAGE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

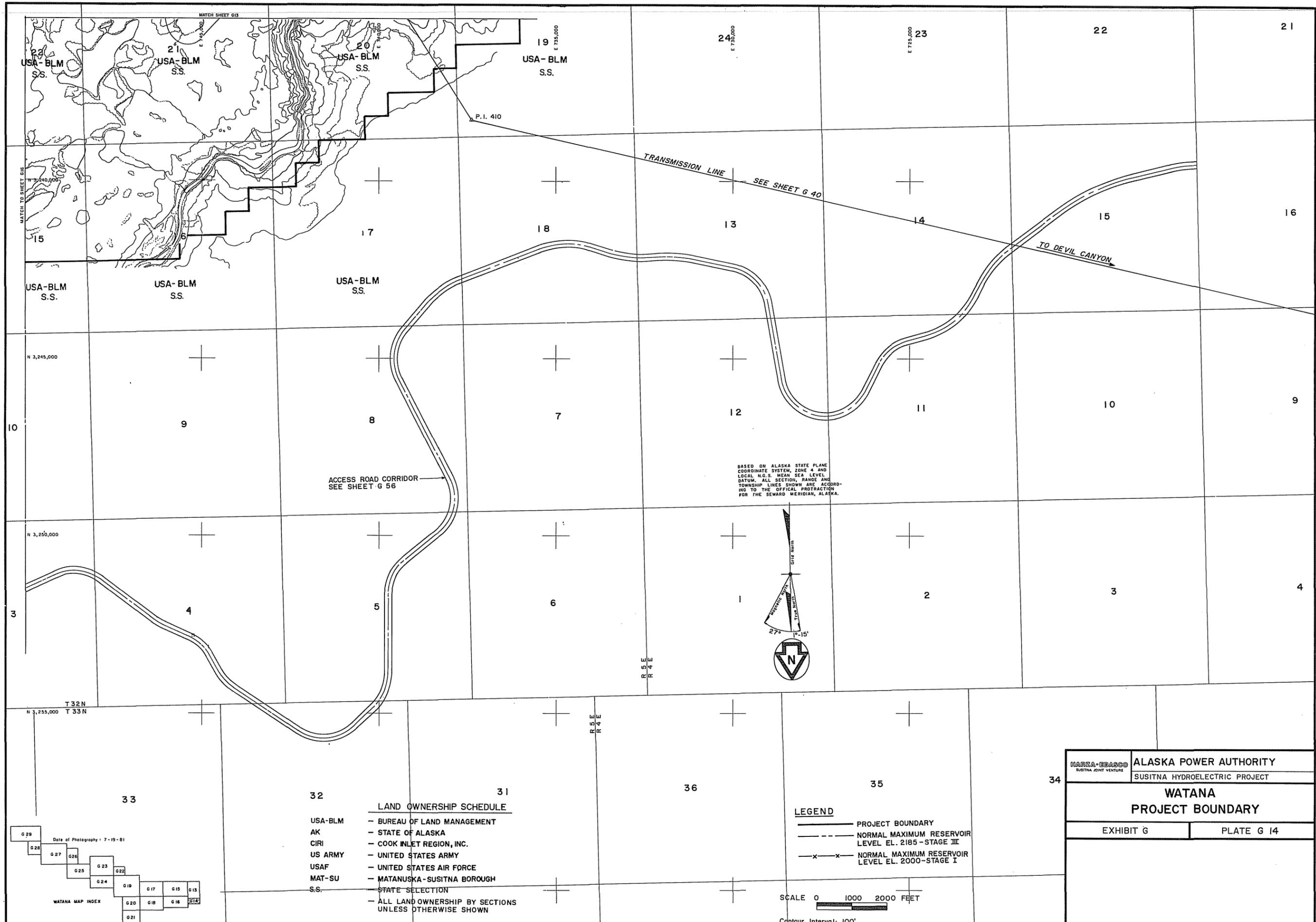
WATANA-BLASC®  
SUSITNA JOINT VENTURE

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**WATANA PROJECT BOUNDARY**

EXHIBIT G

PLATE G 13



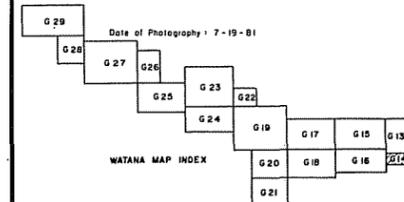
MATCH SHEET G13

MATCH TO SHEET G12

N 3,245,000

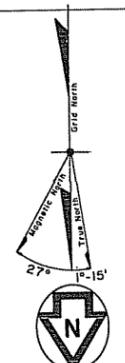
N 3,250,000

T 32N  
N 3,255,000 T 33N



ACCESS ROAD CORRIDOR  
SEE SHEET G 56

BASED ON ALASKA STATE PLANE  
COORDINATE SYSTEM, ZONE 4 AND  
LOCAL N.G.S. MEAN SEA LEVEL  
DATUM. ALL SECTION, RANGE AND  
TOWNSHIP LINES SHOWN ARE ACCORD-  
ING TO THE OFFICIAL PROTRACTION  
FOR THE SEWARD MERIDIAN, ALASKA.



**LAND OWNERSHIP SCHEDULE**

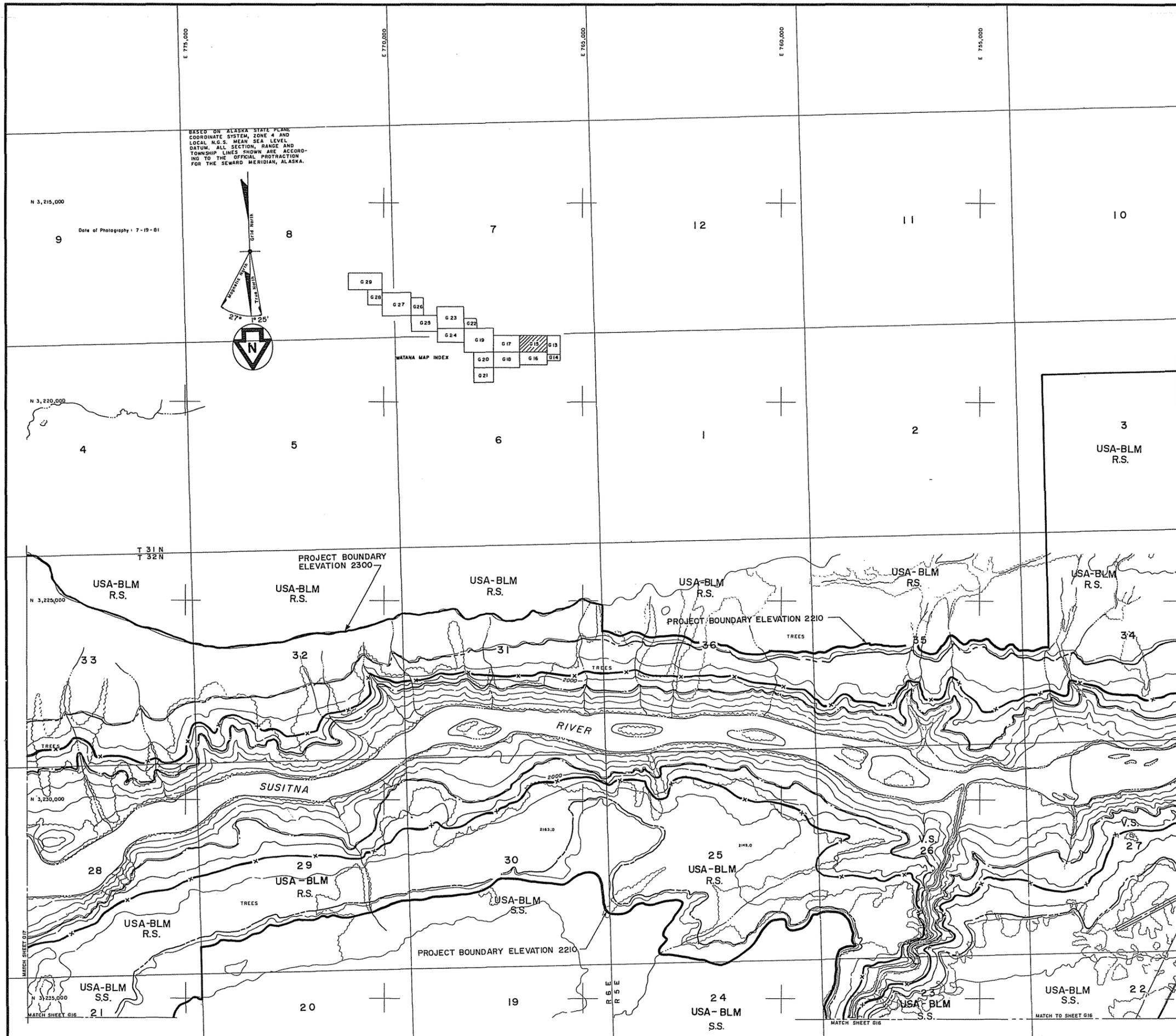
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**LEGEND**

	PROJECT BOUNDARY
	NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
	NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I

SCALE 0 1000 2000 FEET  
Contour Interval: 100'

MARZA-EBASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY	
		SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 14	



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.

Date of Photography: 7-19-81

WATANA MAP INDEX

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

LAND OWNERSHIP SCHEDULE

- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- R.S. - COOK INLET REGION, INC. REGIONAL SELECTION
- S.S. - STATE SELECTION
- V.S. - VILLAGE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LEGEND

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185-STAGE III
- POWER SITE CLASSIFICATION NO.443 ELEVATION 1910 MSL
- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000-STAGE I

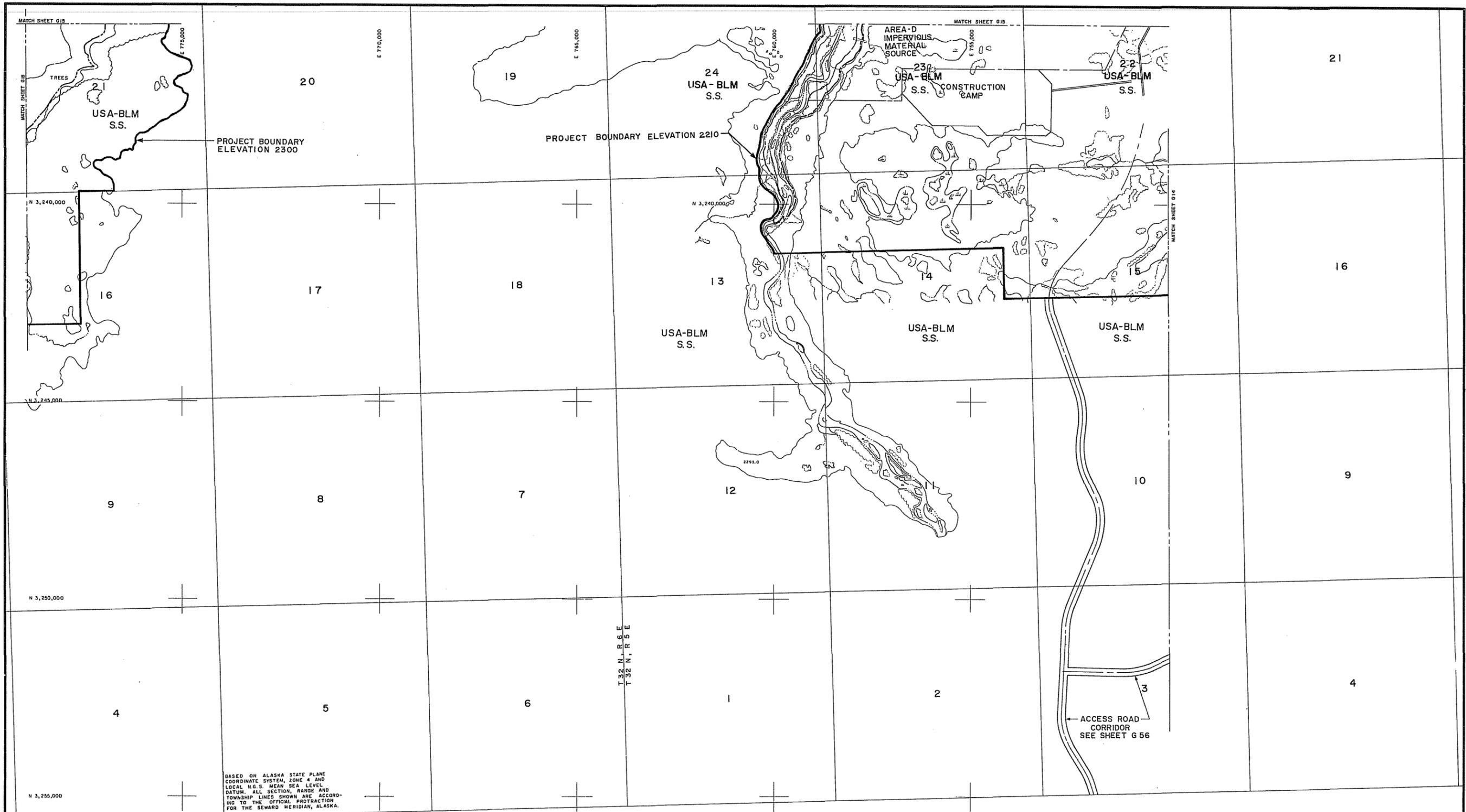
SCALE 0 1000 2000 FEET

Contour Interval: 100'

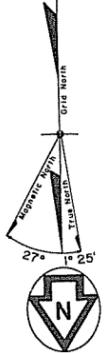
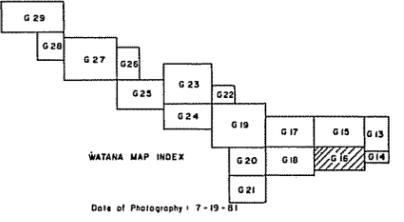
HARZA-BASCO ALASKA POWER AUTHORITY  
SUSITNA JOINT VENTURE  
SUSITNA HYDROELECTRIC PROJECT

WATANA PROJECT BOUNDARY

EXHIBIT G PLATE G 15



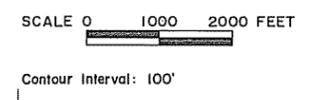
BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



- LAND OWNERSHIP SCHEDULE**
- USA-BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - US ARMY - UNITED STATES ARMY
  - USAF - UNITED STATES AIR FORCE
  - MAT-SU - MATANUSKA-SUSITNA BOROUGH
  - S.S. - STATE SELECTION
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

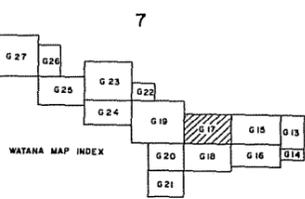
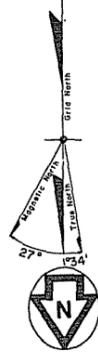
- LEGEND**
- PROJECT BOUNDARY
  - - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
  - x-x- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I



MARZA-EBASC SUSITNA JOINT VENTURE	<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT
<b>WATANA</b> <b>PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 16

BASED ON ALASKA STATE PLANE  
 COORDINATE SYSTEM, ZONE 4 2ND  
 LOCAL M.G.S. MEAN SEA LEVEL  
 DATUM. ALL SECTION, RANGE AND  
 TOWNSHIP LINES SHOWN ARE ACCORD-  
 ING TO THE OFFICIAL PROTRACTION  
 FOR THE SEWARD MERIDIAN, ALASKA.

Date of Photography - 7-19-61



**LEGEND**

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185-STAGE III
- POWER SITE CLASSIFICATION NO. 443 ELEVATION 1910 MSL
- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000-STAGE I

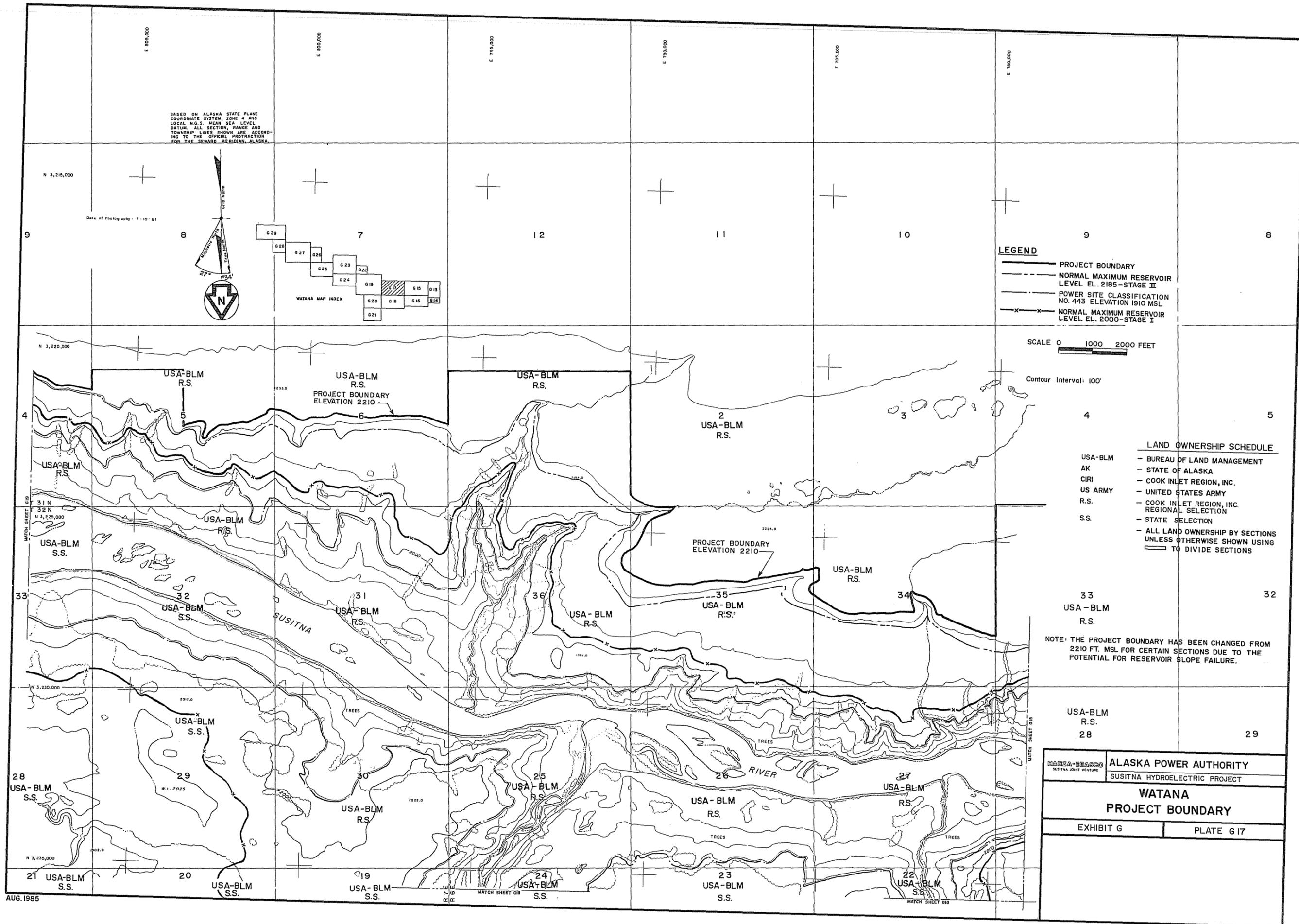
SCALE 0 1000 2000 FEET

Contour Interval: 100'

**LAND OWNERSHIP SCHEDULE**

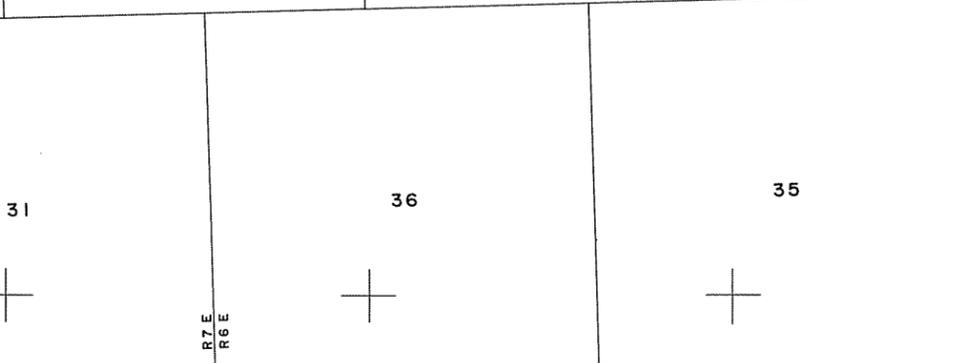
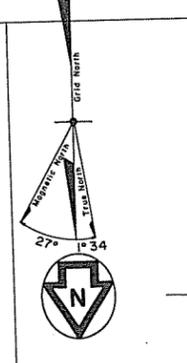
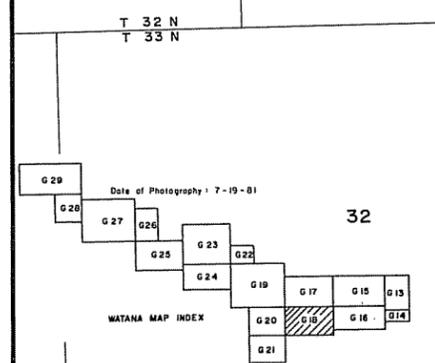
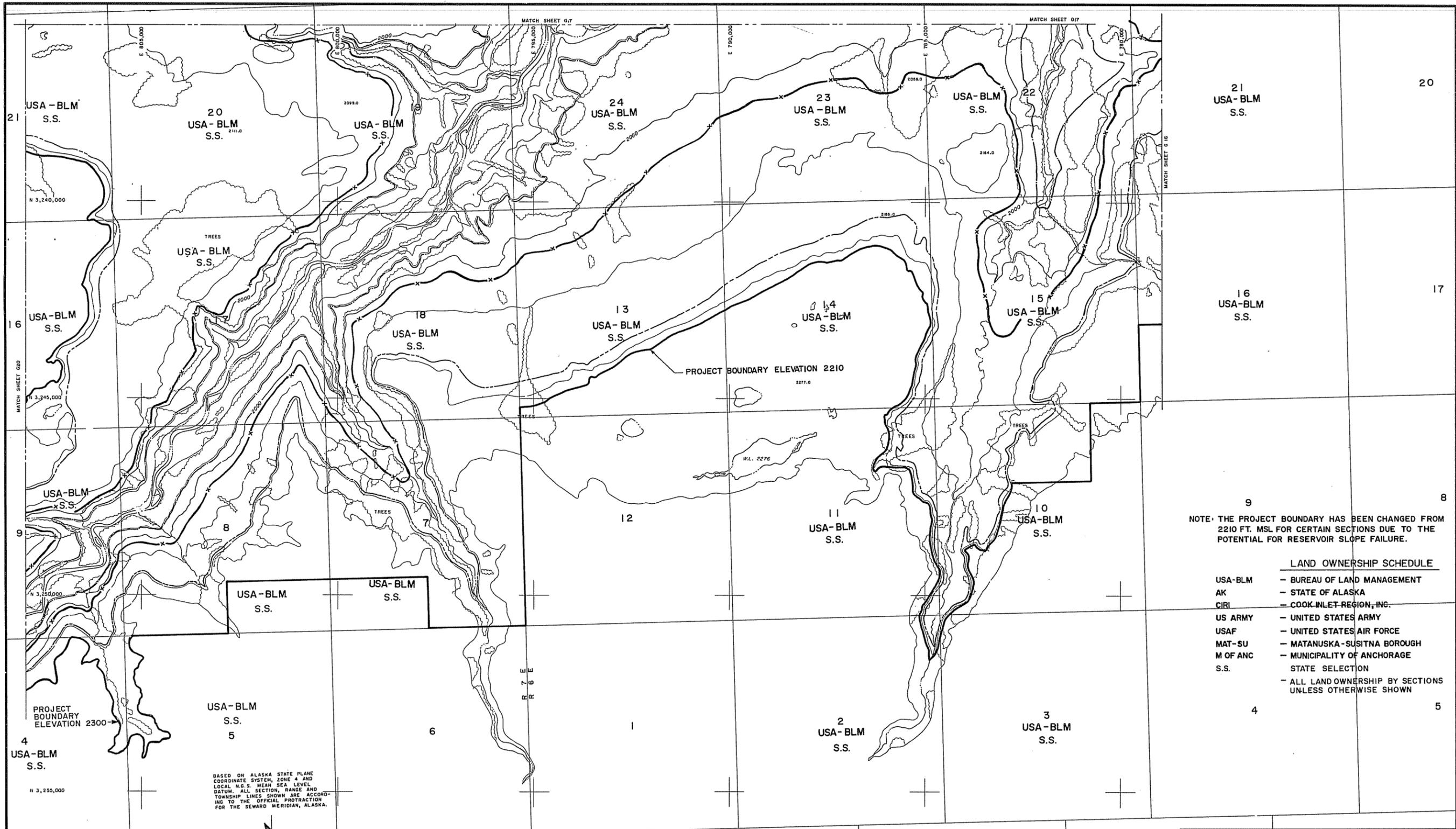
- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- R.S. - COOK INLET REGION, INC. REGIONAL SELECTION
- S.S. - STATE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN USING TO DIVIDE SECTIONS

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.



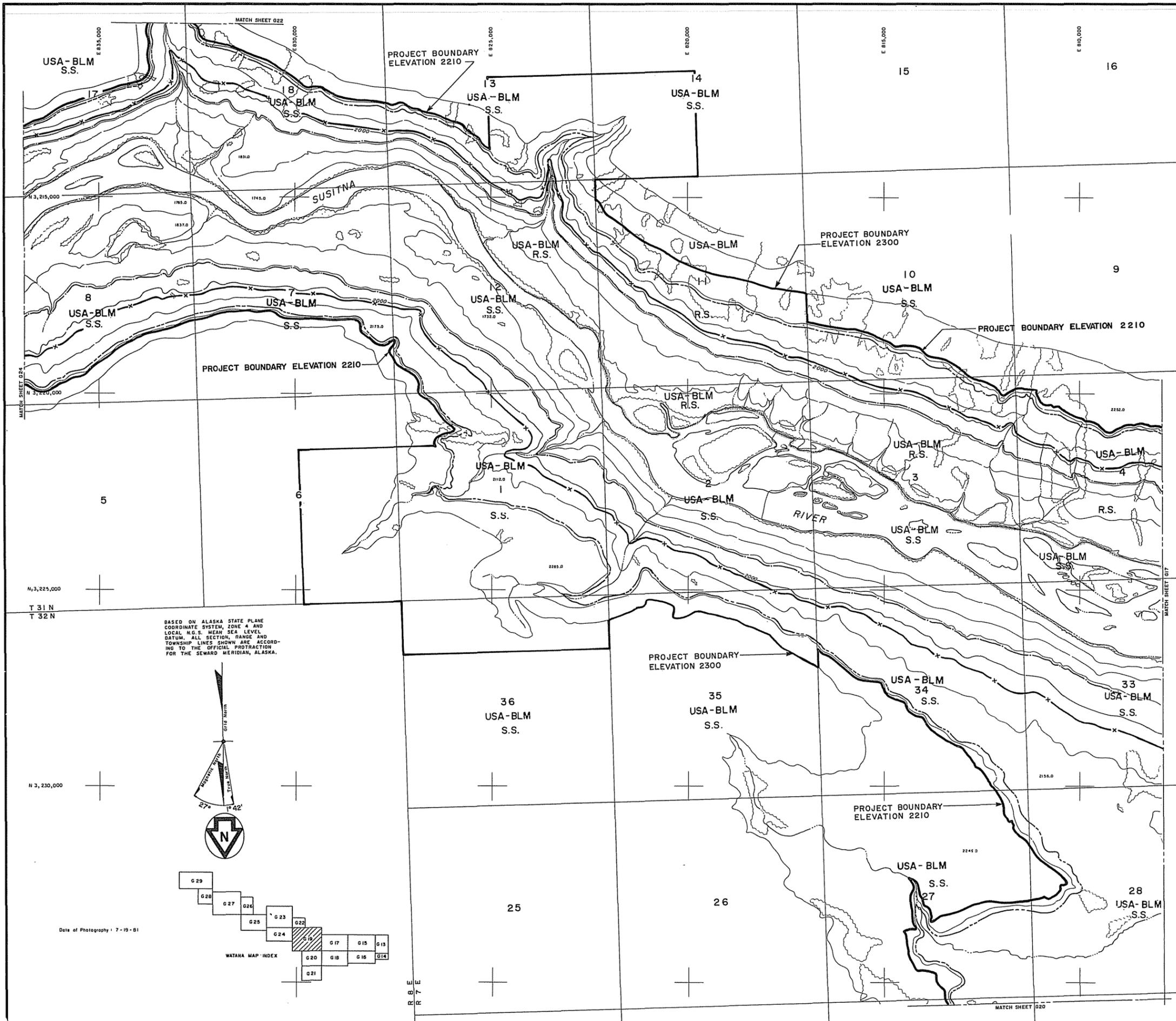
AUG. 1985

MARZA-BBASCØ SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY	
		SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G17	



LAND OWNERSHIP SCHEDULE	
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

<b>MARZA-EBASCO</b> <small>SUSITNA JOINT VENTURE</small>		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 18	

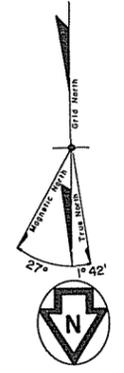


E 835,000  
E 830,000  
E 825,000  
E 820,000  
E 815,000  
E 810,000

N 3,215,000  
N 3,210,000  
N 3,205,000  
N 3,200,000  
N 3,225,000  
N 3,230,000

T 31 N  
T 32 N

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



Date of Photography: 7-19-81

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

**LAND OWNERSHIP SCHEDULE**

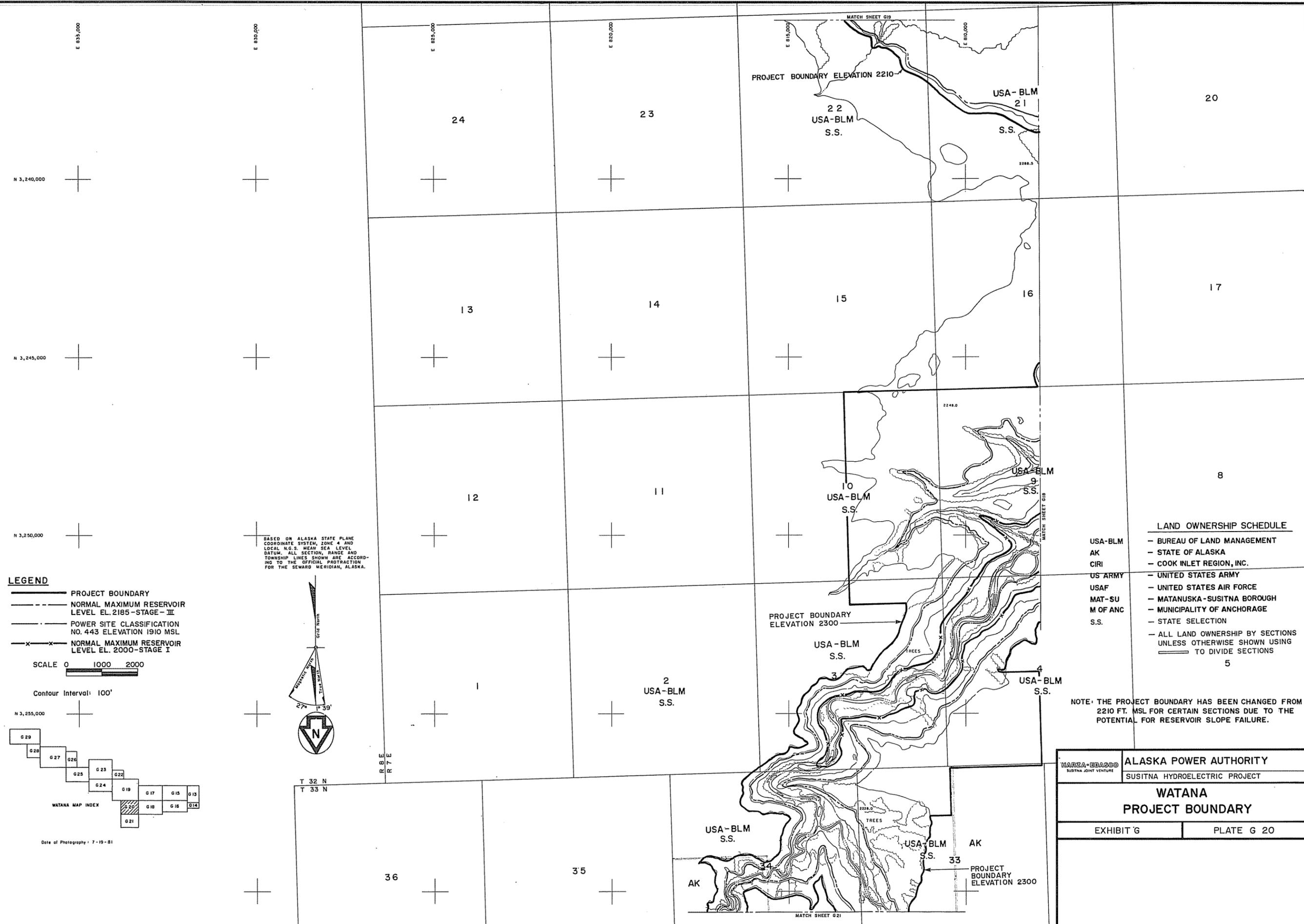
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
S.S.	- STATE SELECTION
R.S.	- COOK INLET REGION, INC.
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN USING _____ TO DIVIDE SECTIONS

**LEGEND**

	PROJECT BOUNDARY
	NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
	POWER SITE CLASSIFICATION NO. 443 ELEVATION 1910 MSL
	NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I

SCALE 0 1000 2000 FEET  
Contour Interval: 100'

MARZA • EDASCO SUSITNA JOINT VENTURE	
ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 19



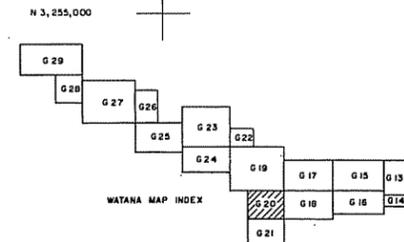
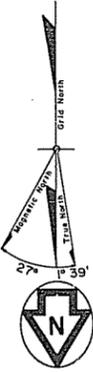
**LEGEND**

- PROJECT BOUNDARY
- - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185-STAGE-III
- · - · POWER SITE CLASSIFICATION NO. 443 ELEVATION 1910 MSL
- x - x NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000-STAGE I

SCALE 0 1000 2000

Contour Interval: 100'

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.

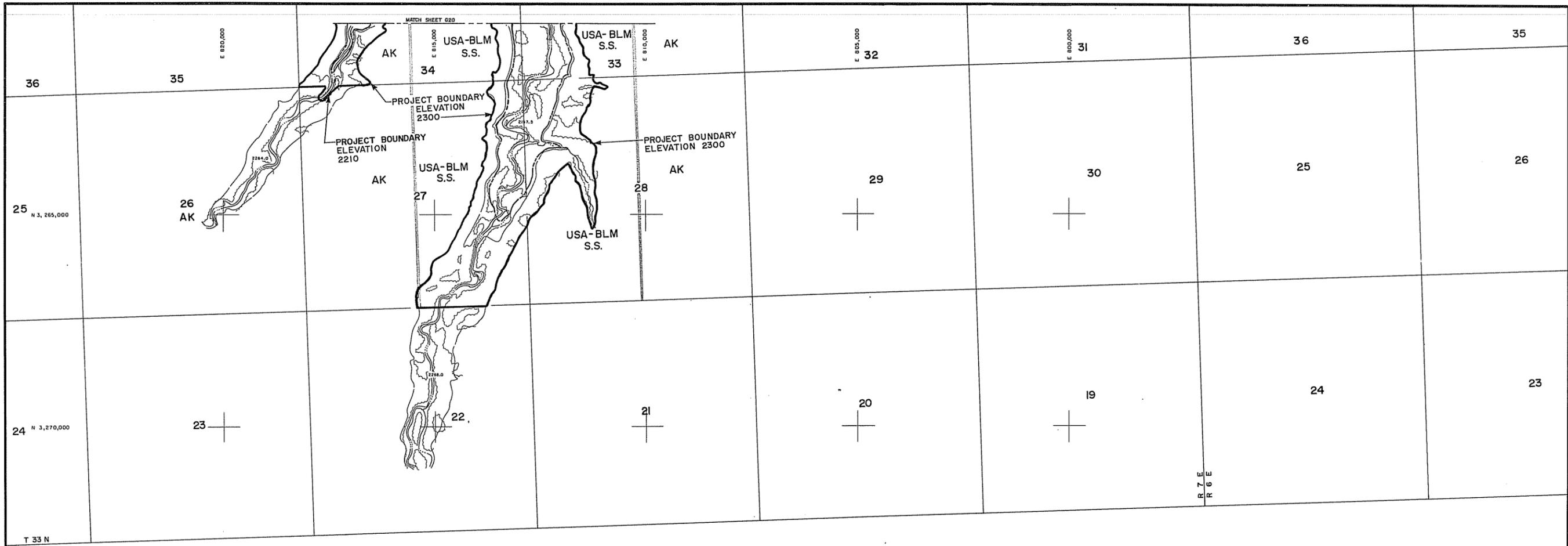


**LAND OWNERSHIP SCHEDULE**

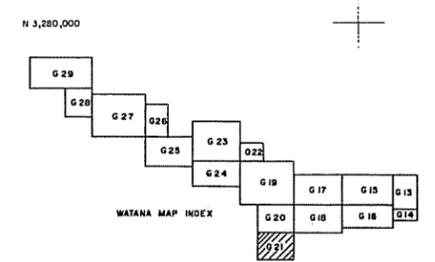
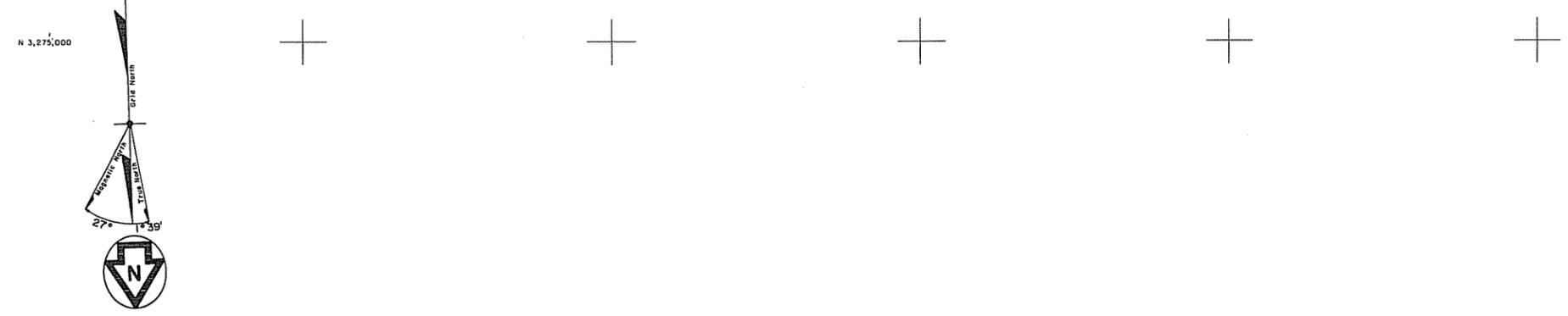
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN USING TO DIVIDE SECTIONS

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

ALASKA POWER AUTHORITY	
SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 20



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE AL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



Date of Photography: 7-19-81

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

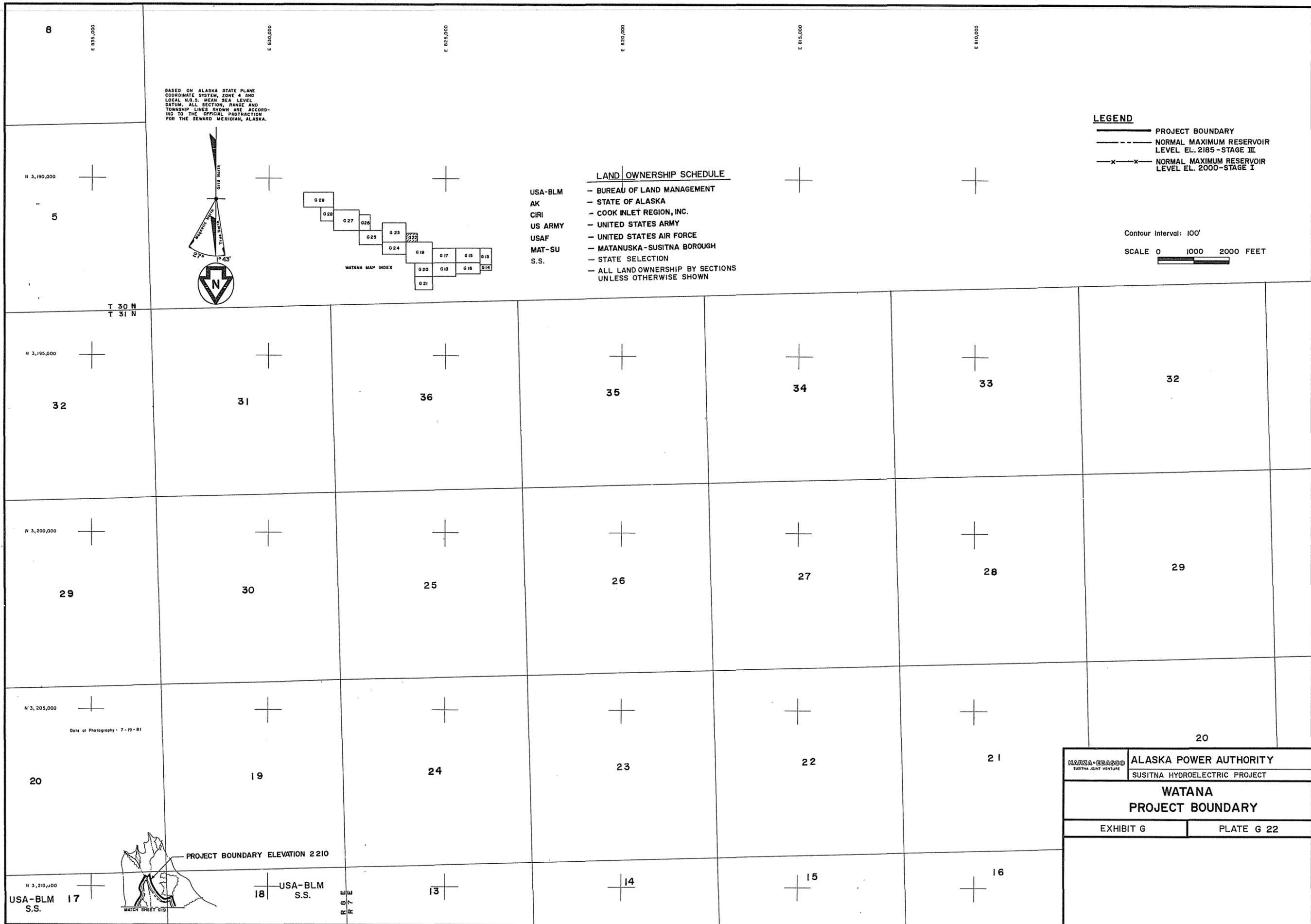
**LAND OWNERSHIP SCHEDULE**  
 USA-BLM - BUREAU OF LAND MANAGEMENT  
 AK - STATE OF ALASKA  
 S.S. - STATE SELECTION  
 - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN USING TO DIVIDE SECTIONS

**LEGEND**  
 — PROJECT BOUNDARY  
 - - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III  
 - x - x - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I

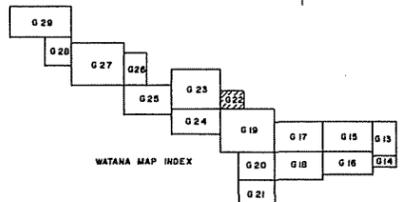
SCALE 0 1000 2000 FEET

Contour Interval: 100'

MARZA-EDASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 21	



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.D.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.



LAND OWNERSHIP SCHEDULE

- USA-BLM - BUREAU OF LAND MANAGEMENT
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- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- S.S. - STATE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

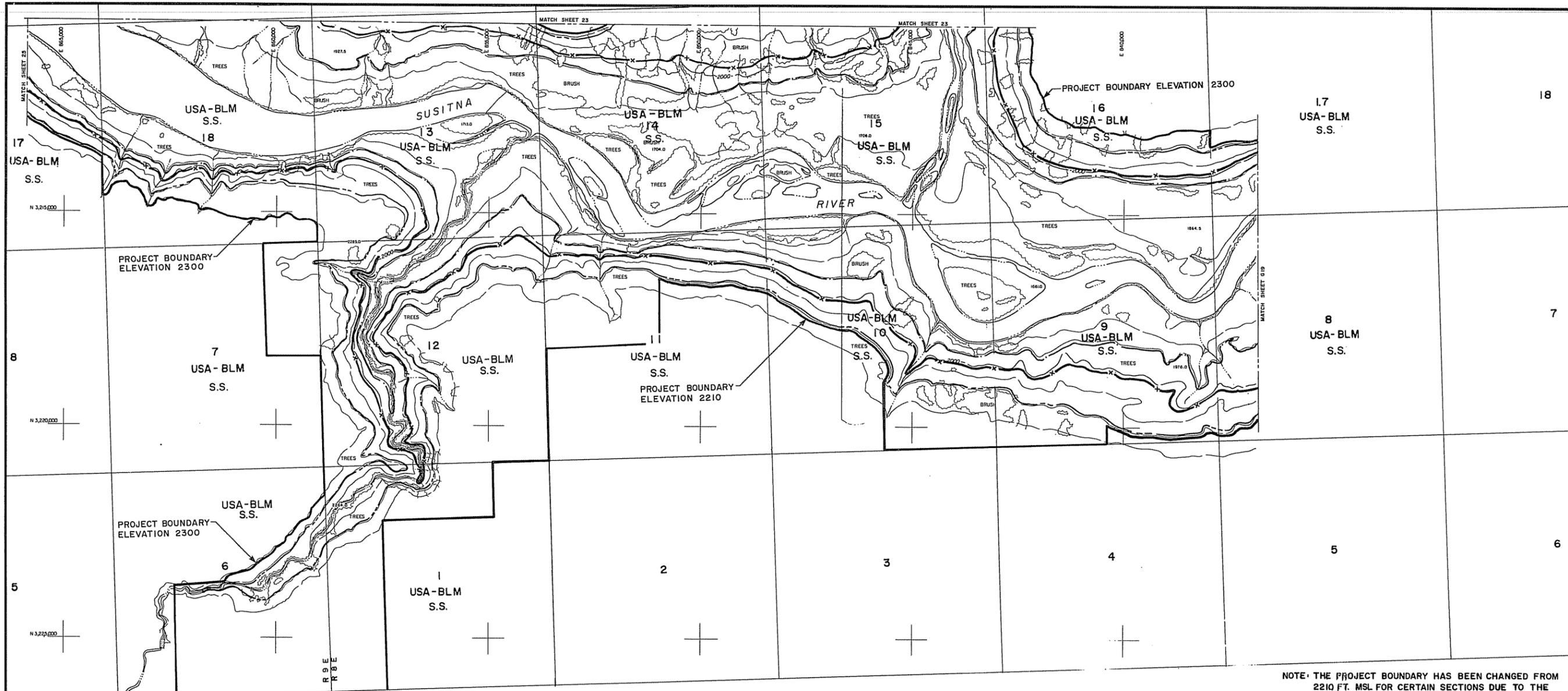
- LEGEND**
- PROJECT BOUNDARY
  - - - - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
  - x-x-x- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I

Contour Interval: 100'  
 SCALE 0 1000 2000 FEET

T 30 N T 31 N											
N 3,195,000	32	31	36	35	34	33	32				
N 3,200,000	29	30	25	26	27	28	29				
N 3,205,000	20	19	24	23	22	21	20				
N 3,210,000	17	18	13	14	15	16	16				

<small>MARZA • EBASCO</small> <small>SUSITNA JOINT VENTURE</small>		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 22	

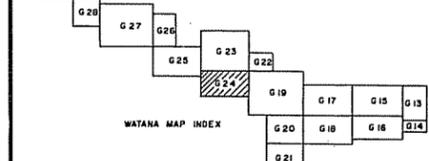




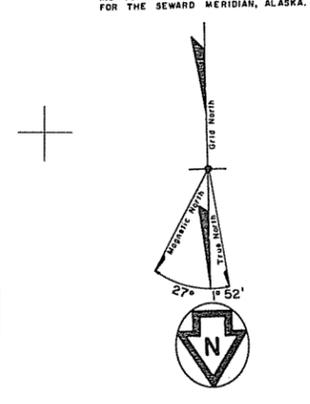
NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

LAND OWNERSHIP SCHEDULE	
USA-BLM	- BUREAU OF LAND MANAGEMENT
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USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



Date of Photography - 7-19-81



**LEGEND**

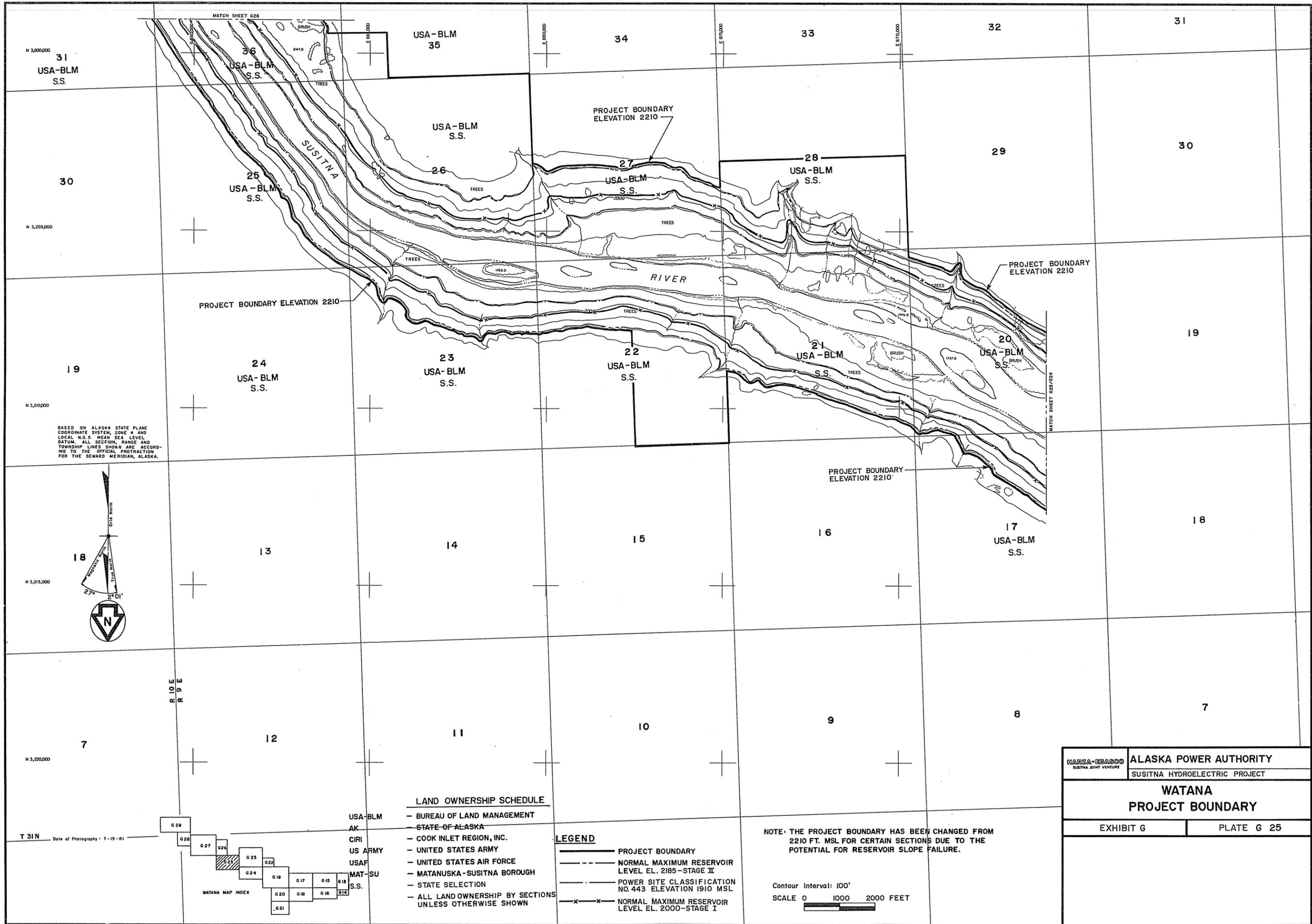
- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
- POWER SITE CLASSIFICATION NO. 443 ELEVATION 1910 MSL
- NORMAL MAXIMUM RESERVOIR LEVEL. EL. 2000 - STAGE I

SCALE 0 1000 2000 FEET

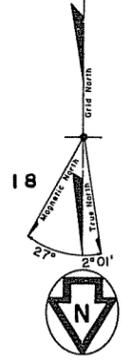
Contour Interval: 100'

MARZA-EDASSO SUSITNA JOINT VENTURE	ALASKA POWER AUTHORITY
	SUSITNA HYDROELECTRIC PROJECT
<b>WATANA</b>	
<b>PROJECT BOUNDARY</b>	

EXHIBIT G	PLATE G 24
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BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



**LAND OWNERSHIP SCHEDULE**

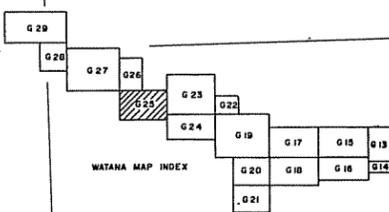
- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- S.S. - STATE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**LEGEND**

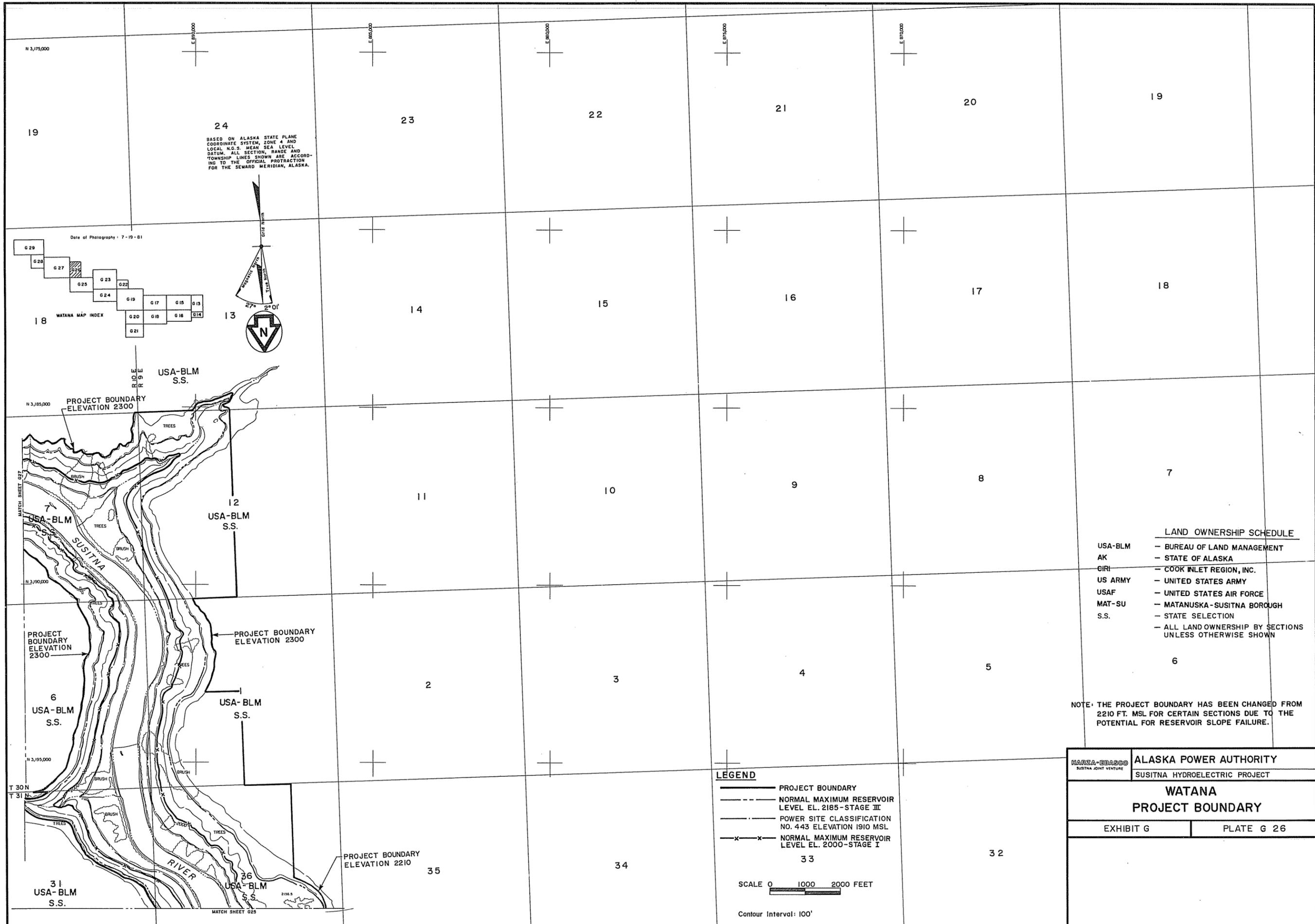
- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185-STAGE III
- POWER SITE CLASSIFICATION NO. 443 ELEVATION 1910 MSL
- x-x- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000-STAGE I

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

Contour Interval: 100'  
 SCALE 0 1000 2000 FEET

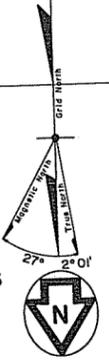
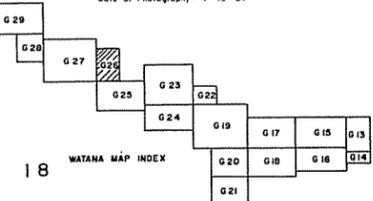


MARZA-EBASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 25	



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.

Date of Photography: 7-19-81



**LAND OWNERSHIP SCHEDULE**

USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
GIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

NOTE: THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.

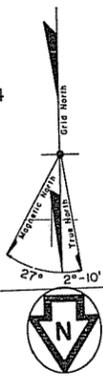
- LEGEND**
- PROJECT BOUNDARY
  - - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185-STAGE III
  - · · POWER SITE CLASSIFICATION NO. 443 ELEVATION 1910 MSL
  - x-x- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000-STAGE I

SCALE 0 1000 2000 FEET

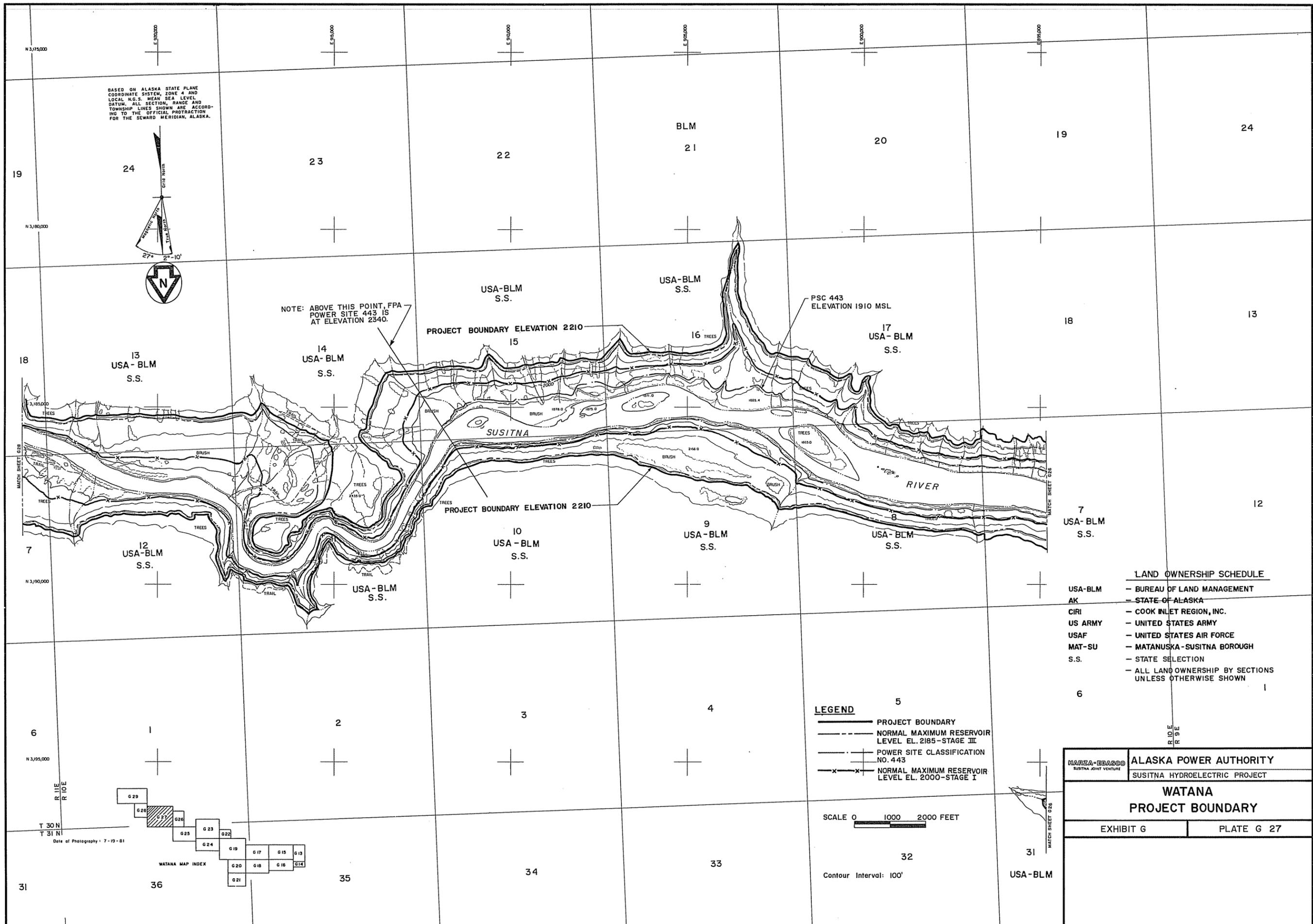
Contour Interval: 100'

		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 26	

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



NOTE: ABOVE THIS POINT, FPA POWER SITE 443 IS AT ELEVATION 2340.



**LAND OWNERSHIP SCHEDULE**

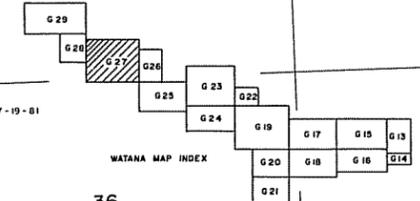
- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- S.S. - STATE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

- LEGEND**
- PROJECT BOUNDARY
  - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185-STAGE III
  - POWER SITE CLASSIFICATION NO. 443
  - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000-STAGE I

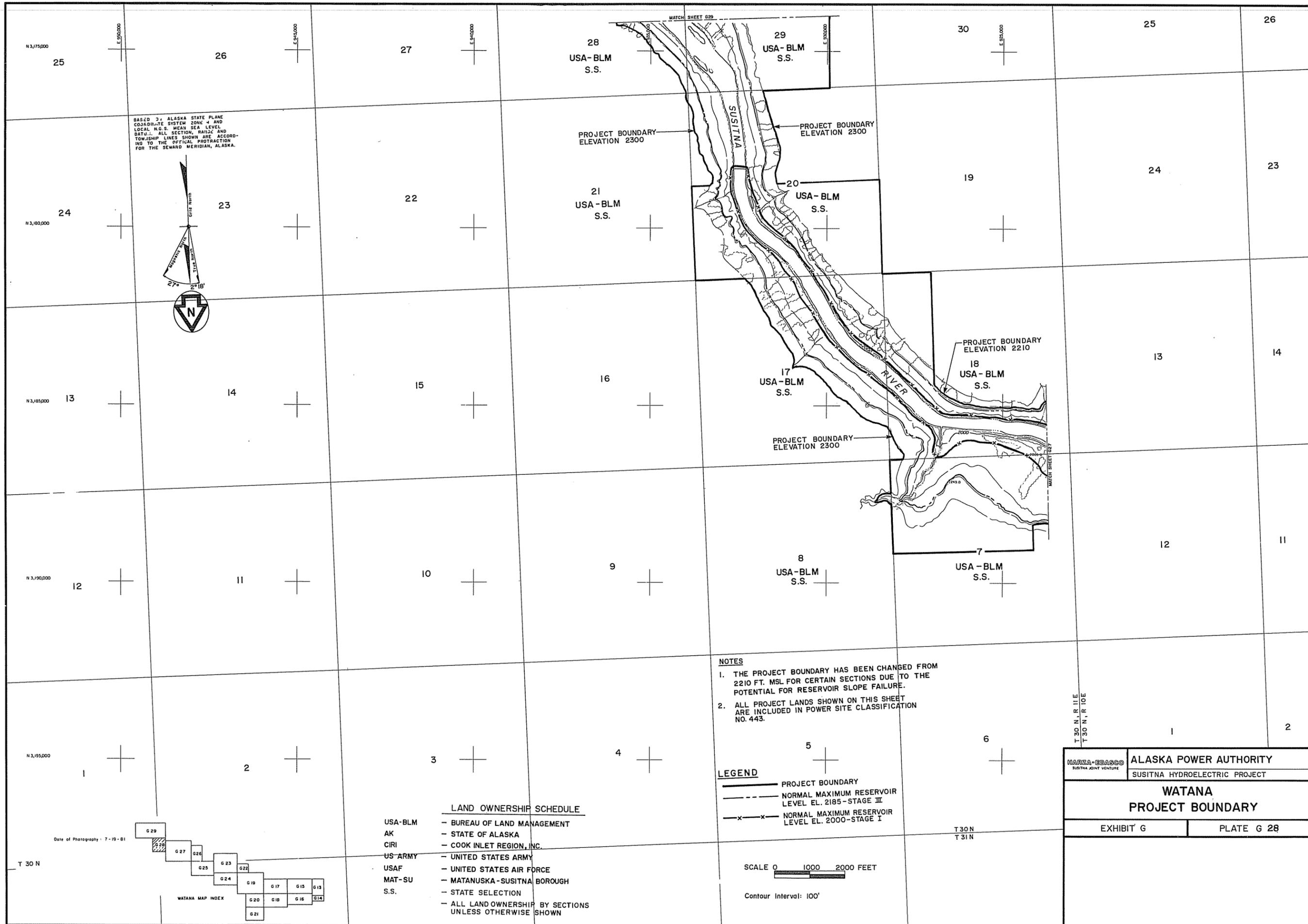
SCALE 0 1000 2000 FEET

Contour Interval: 100'

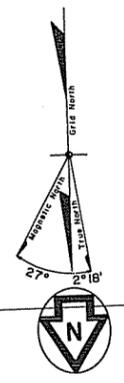
T 30 N  
T 31 N  
Date of Photography: 7-19-81



		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 27	



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATA. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.



**NOTES**

1. THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.
2. ALL PROJECT LANDS SHOWN ON THIS SHEET ARE INCLUDED IN POWER SITE CLASSIFICATION NO. 443.

**LEGEND**

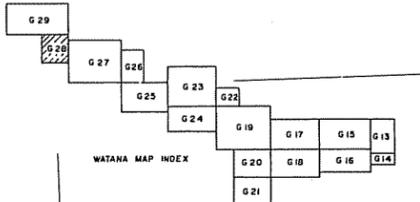
- PROJECT BOUNDARY
- - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
- x-x- NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I

SCALE 0 1000 2000 FEET  
 Contour Interval: 100'

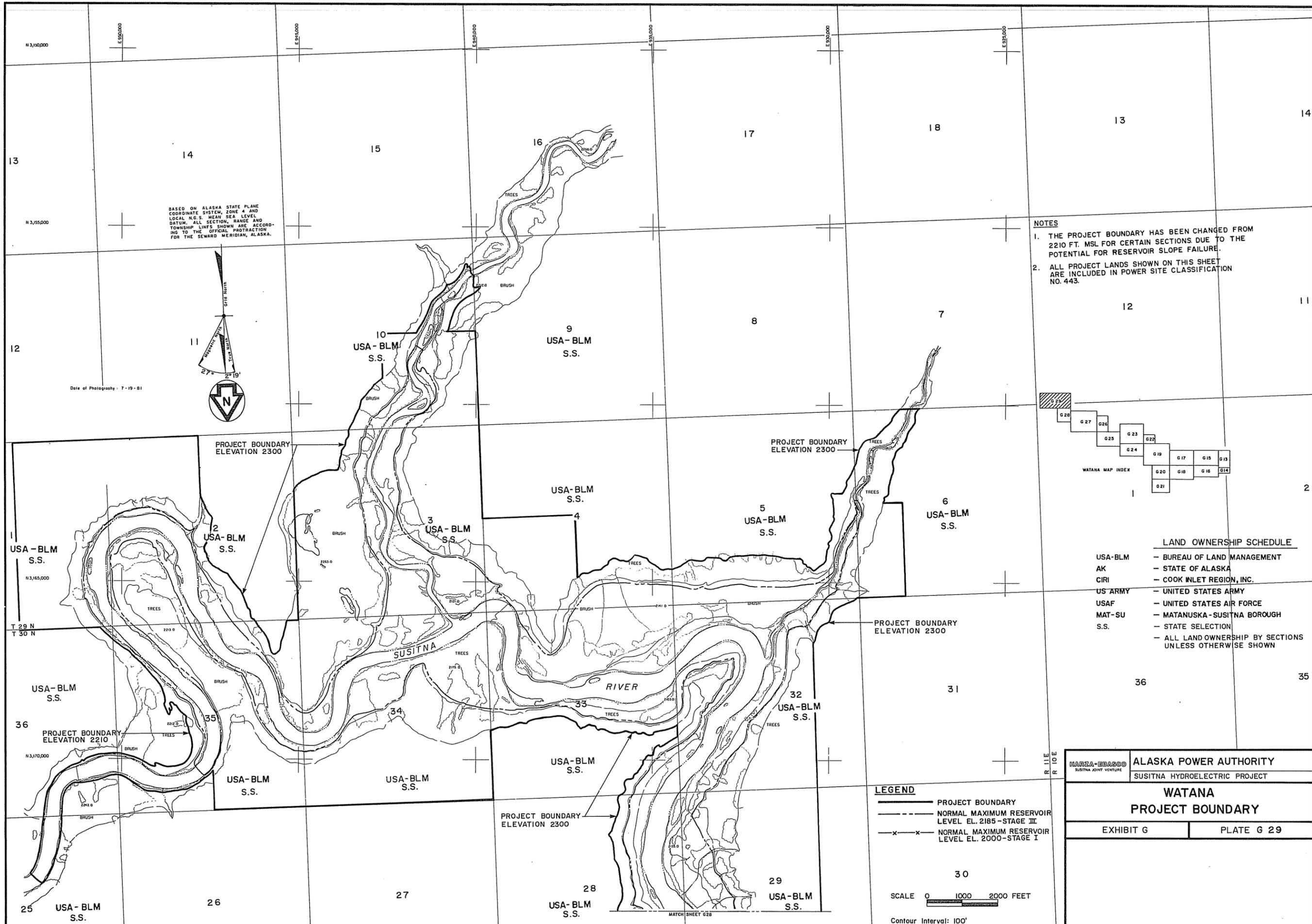
**LAND OWNERSHIP SCHEDULE**

USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US-ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

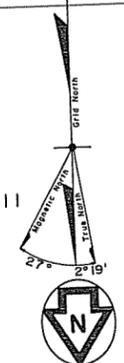
Date of Photography: 7-19-81



MARZA-EBASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT	
<b>WATANA PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 28	

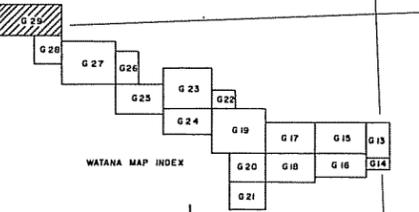


BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM, ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.



Date of Photography: 7-19-81

- NOTES**
1. THE PROJECT BOUNDARY HAS BEEN CHANGED FROM 2210 FT. MSL FOR CERTAIN SECTIONS DUE TO THE POTENTIAL FOR RESERVOIR SLOPE FAILURE.
  2. ALL PROJECT LANDS SHOWN ON THIS SHEET ARE INCLUDED IN POWER SITE CLASSIFICATION NO. 443.



**LAND OWNERSHIP SCHEDULE**

USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

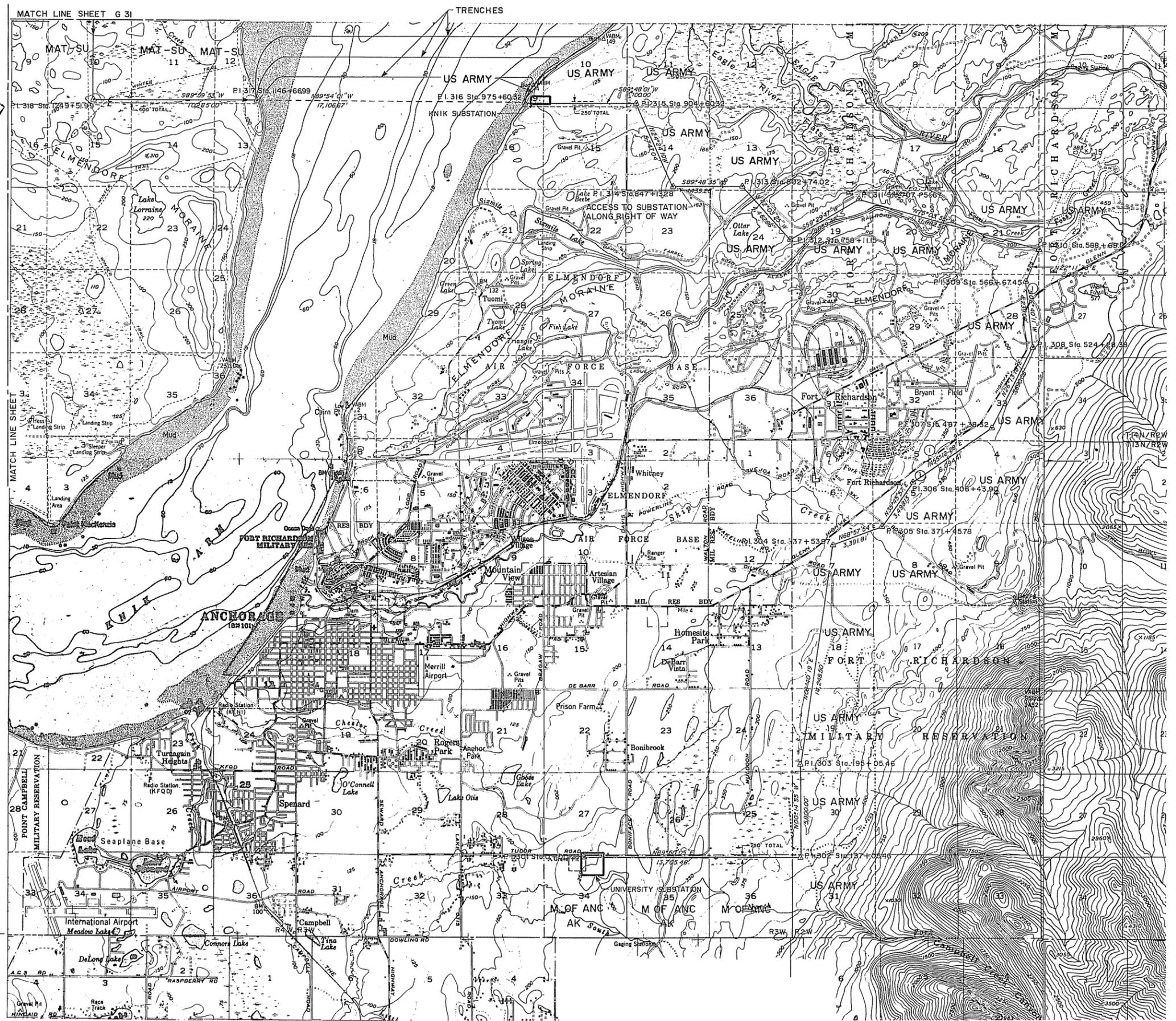
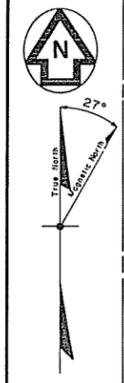
- LEGEND**
- PROJECT BOUNDARY
  - - - - - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2185 - STAGE III
  - x - x - NORMAL MAXIMUM RESERVOIR LEVEL EL. 2000 - STAGE I

30  
SCALE 0 1000 2000 FEET  
Contour Interval: 100'

MARZA-EBASC® ALASKA POWER AUTHORITY  
SUSITNA JOINT VENTURE SUSITNA HYDROELECTRIC PROJECT

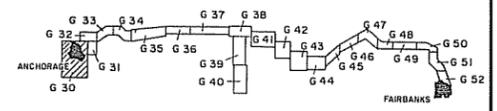
**WATANA PROJECT BOUNDARY**  
EXHIBIT G PLATE G 29

**TRANSMISSION LINE BOUNDARY MAPS**



- NOTES**
- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL BLM PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
  - ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

PT. #	NORTHING	EASTING
301	2623540.04	536866.28
302	2623579.57	550571.69
303	2629379.51	550546.52
304	2643465.13	552694.83
305	2644682.59	555860.61
306	2647521.01	557905.18
307	2650998.49	562910.08
308	2656102.98	565424.22
309	2660313.37	564931.87
310	2662351.97	565763.56
311	2665414.33	554282.45
312	2662846.16	549923.22
313	2666159.75	546933.69
314	2666145.00	542494.46
315	2671378.62	54020.07
316	2671355.93	533020.11
317	2671385.72	515913.47
318	2671385.38	505628.47



**LEGEND**

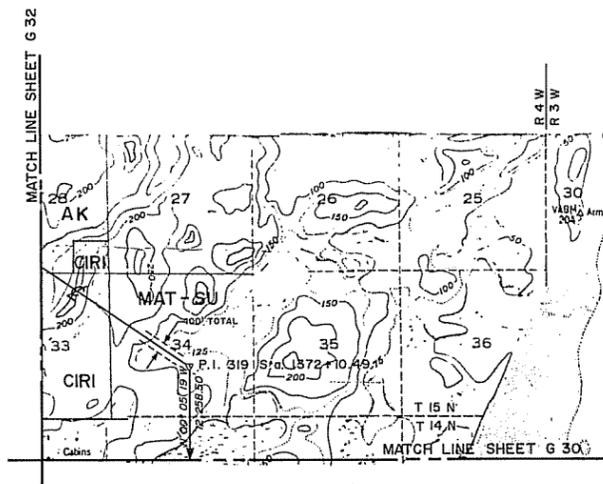
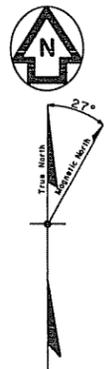
— PROJECT BOUNDARY

- LAND OWNERSHIP SCHEDULE**
- USA-BLM — BUREAU OF LAND MANAGEMENT
  - AK — STATE OF ALASKA
  - CIRI — COOK INLET REGION, INC.
  - US ARMY — UNITED STATES ARMY
  - USAF — UNITED STATES AIR FORCE
  - MAT-SU — MATANUSKA-SUSITNA BOROUGH
  - M OF ANC — MUNICIPALITY OF ANCHORAGE
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 1 MILE

REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES; ANCHORAGE (A-7), ANCHORAGE (A-8), ANCHORAGE (B-7) AND ANCHORAGE (B-8)

MARZA-EDASCO SUSITNA JOINT VENTURE	ALASKA POWER AUTHORITY	
	SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>		
EXHIBIT G		PLATE G 30



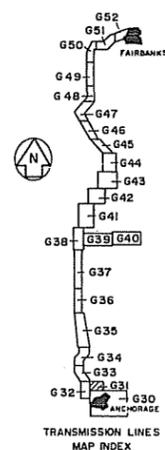
**NOTES**

- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL BLM. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
- ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

**LAND OWNERSHIP SCHEDULE**

- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- M OF ANC - MUNICIPALITY OF ANCHORAGE
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

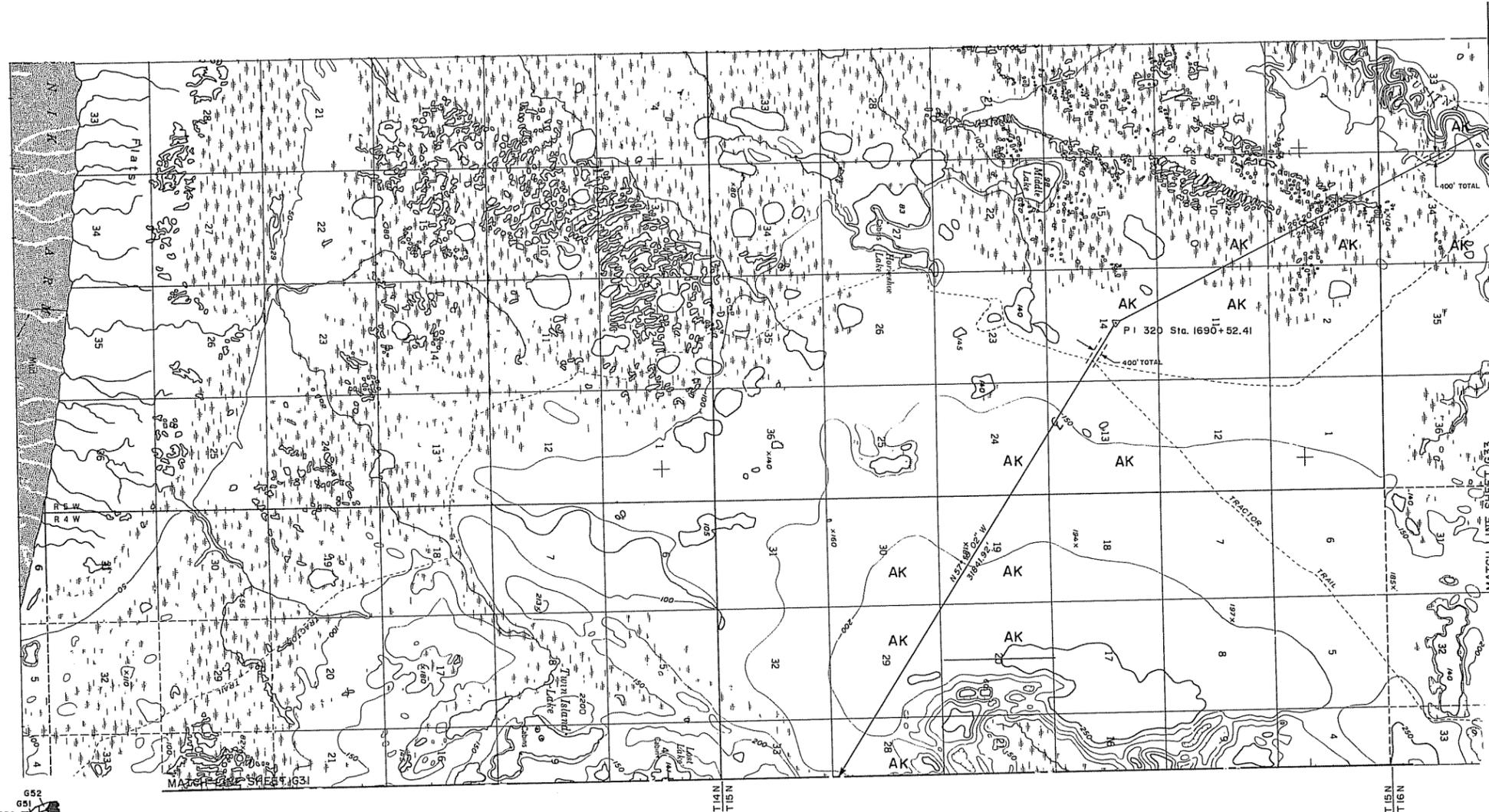
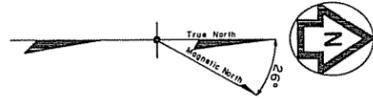
SCALE 0 1 MILE



P.I. #	NORTHING	EASTING
319	2683643.86	50560949
P.I. #	NORTHING	EASTING

REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE ANCHORAGE (B-8) SEWARD MERIDIAN

		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 31	



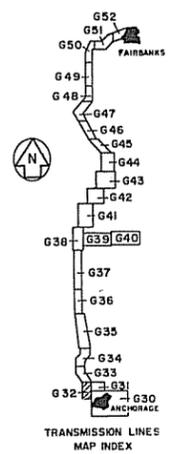
P.I.#	NORTHING	EASTING
320	2700838.15	478809.03
P.I.#	NORTHING	EASTING

**NOTES**

- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL BLM PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
- ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

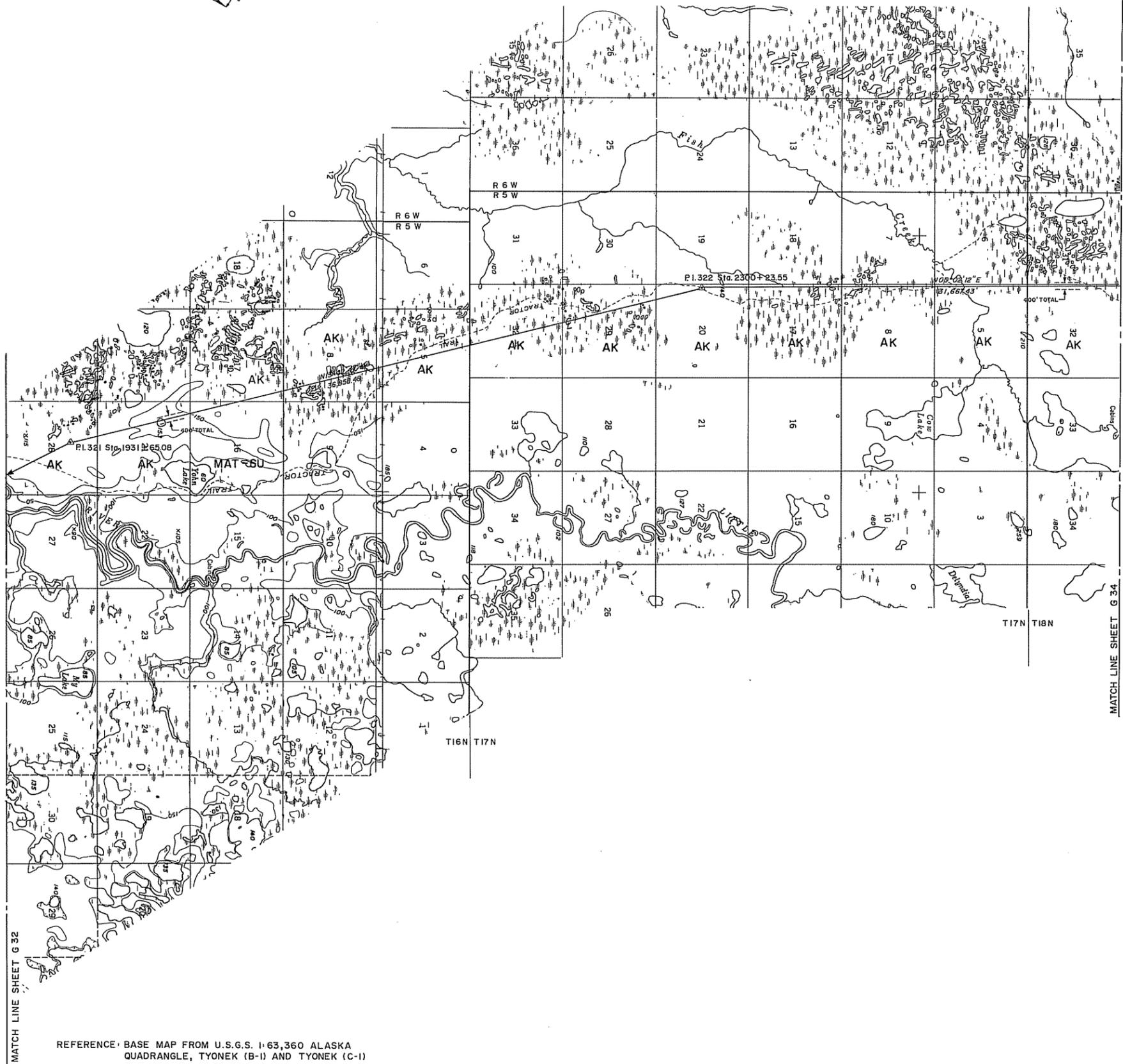
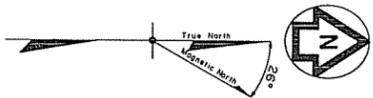
**LAND OWNERSHIP SCHEDULE**

- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- M OF ANC - MUNICIPALITY OF ANCHORAGE
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN



REFERENCE: BASE MAP FROM U.S.G.S 1:63,360 ALASKA QUADRANGLE, TYONEK (B-1).

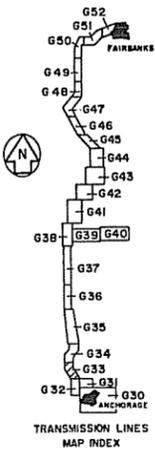
	ALASKA POWER AUTHORITY
	SUSITNA HYDROELECTRIC PROJECT
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G32



- NOTES
- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (B.L.M.) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
  - ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

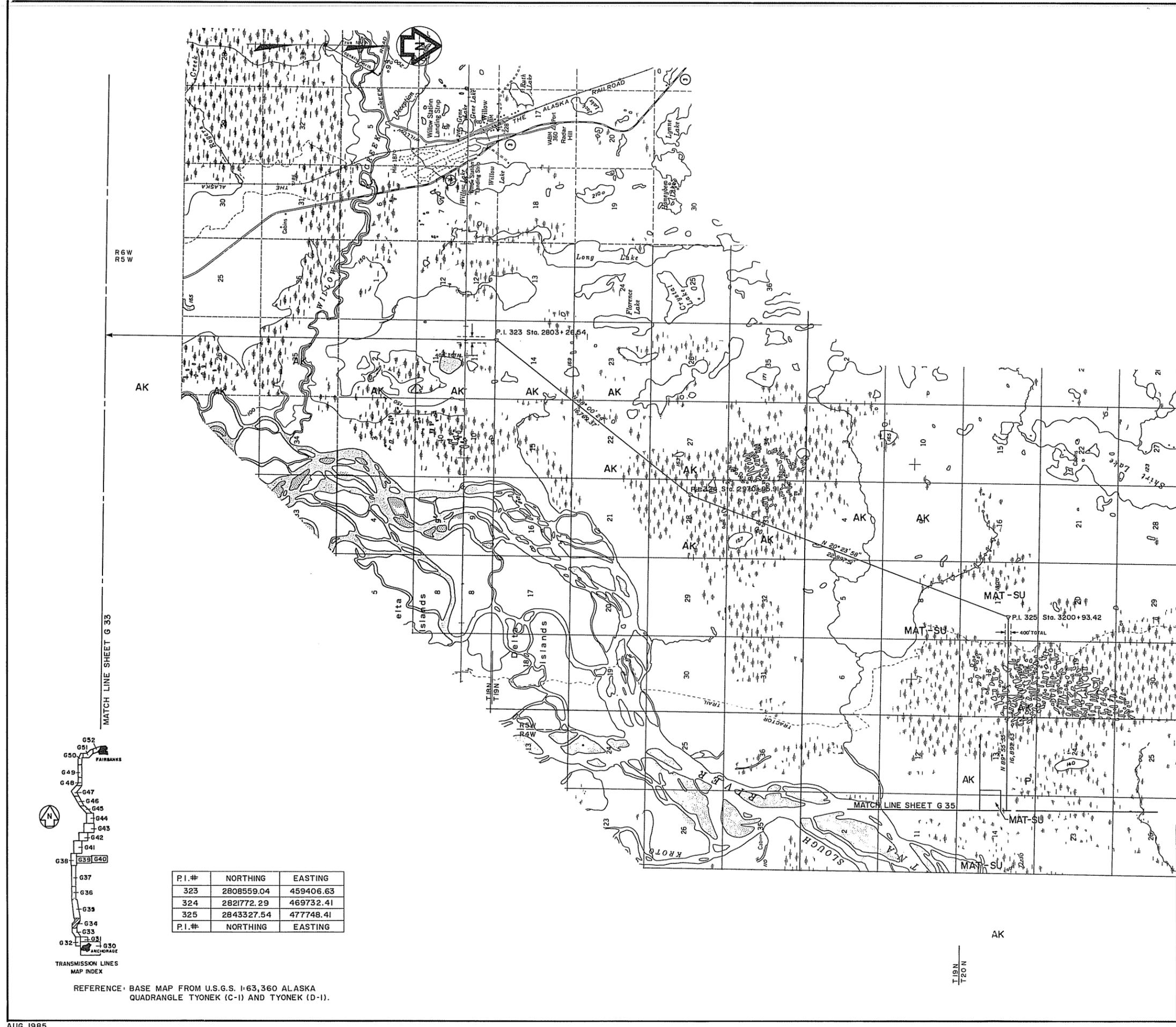
P.I.#	NORTHING	EASTING
321	2722448.22	468112.04
322	2758256.06	459374.43
P.I.#	NORTHING	EASTING

- LAND OWNERSHIP SCHEDULE
- USA-BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - US ARMY - UNITED STATES ARMY
  - USAF - UNITED STATES AIR FORCE
  - MAT-SU - MATANUSKA-SUSITNA BOROUGH
  - M OF ANC - MUNICIPALITY OF ANCHORAGE
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN



REFERENCE BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE, TYONEK (B-1) AND TYONEK (C-1)

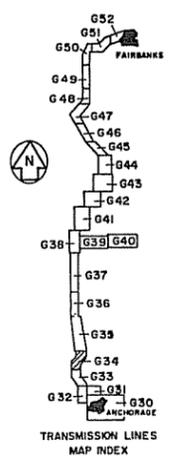
	ALASKA POWER AUTHORITY	
	SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>		
EXHIBIT G	PLATE G 33	



**NOTES**

- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
- ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

- LAND OWNERSHIP SCHEDULE**
- BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - USA - UNITED STATES ARMY
  - USA - UNITED STATES AIR FORCE
  - MAT-SU - MATANUSKA-SUSITNA BOROUGH
  - M OF ANC - MUNICIPALITY OF ANCHORAGE
  - PRIVATE
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN



P.I.#	NORTHING	EASTING
323	2808559.04	459406.63
324	2821772.29	469732.41
325	2843327.54	477748.41
P.I.#	NORTHING	EASTING

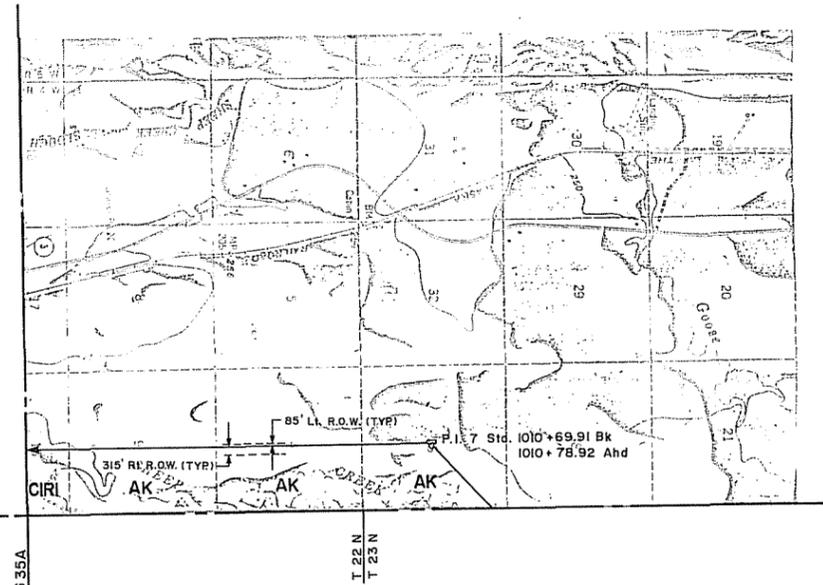
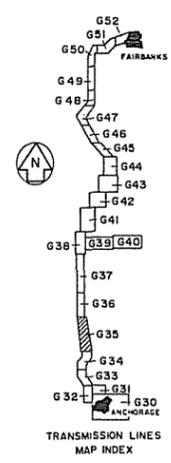
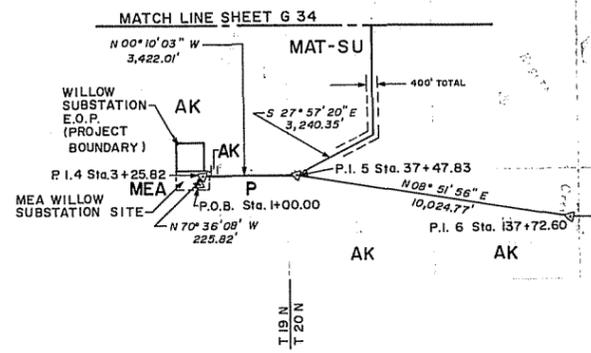
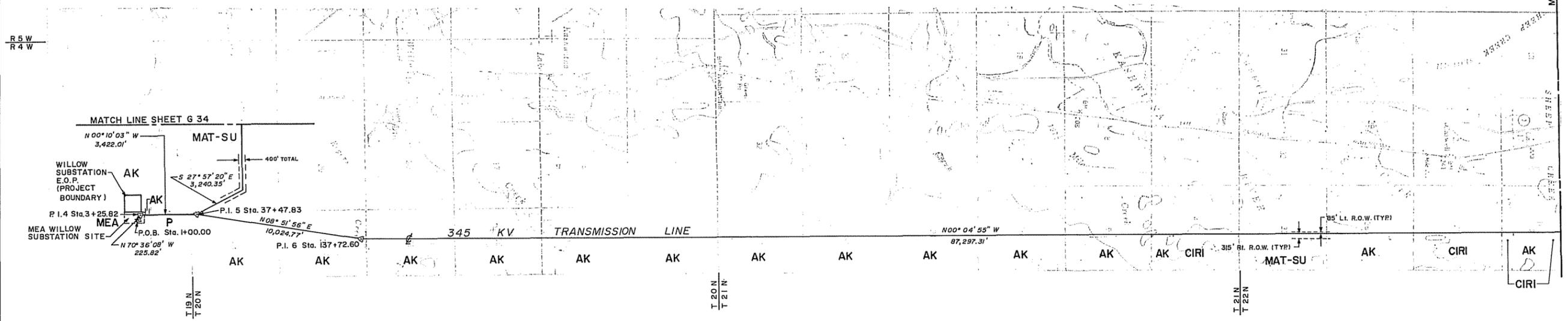
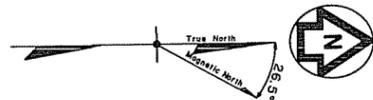
REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE TYONEK (C-1) AND TYONEK (D-1).

MARZA • EBASC  
SUSITNA JOINT VENTURE

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**TRANSMISSION LINE PROJECT BOUNDARY**

EXHIBIT G      PLATE G 34



**LAND OWNERSHIP SCHEDULE**

- AK - STATE OF ALASKA
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- CIRI - COOK INLET REGION, INC.
- MEA - MATANUSKA ELECTRIC ASSOCIATION
- P - PRIVATE
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**NOTE**  
ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

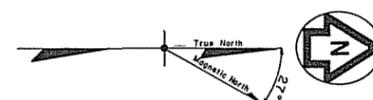
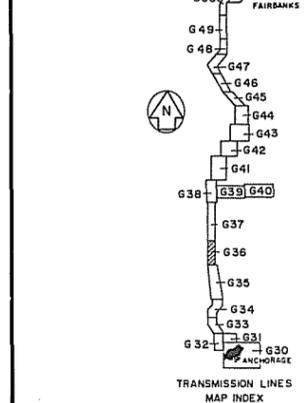
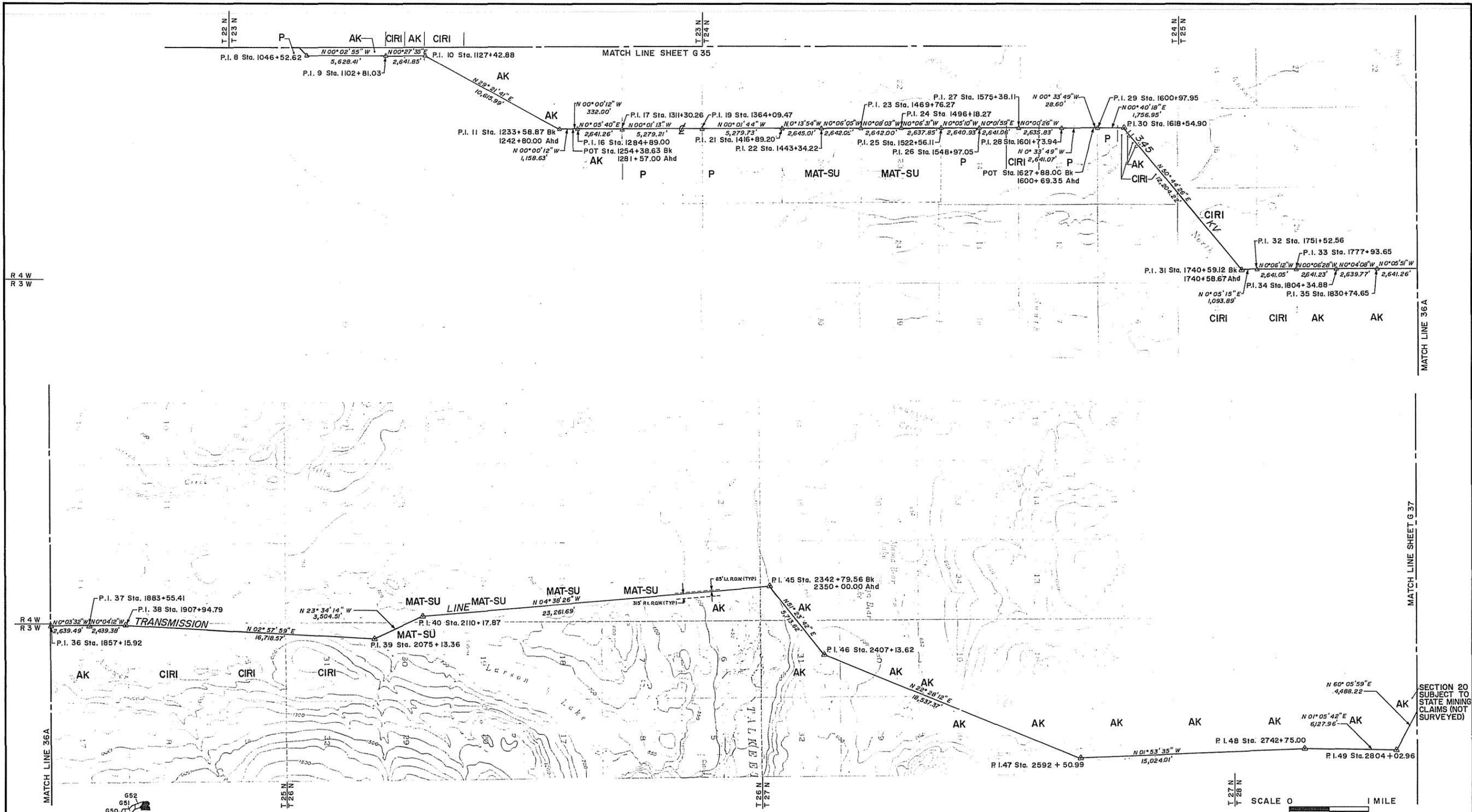


	NORTHING	EASTING
P.O.B.	2836993.54	496404.96
P.I. #		
4	2850392.00	497705.00
5	2840487.00	496160.00
6	2850392.00	497705.00
P.I. #	NORTHING	EASTING

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

THIS SHEET IS A COMPOSITE OF THE FOLLOWING U.S.G.S. QUADRANGLES: TALKEETNA (A-1), TYONEK (D-1) SEWARD MERIDIAN

MARZA-BASCO SUSITNA JOINT VENTURE	ALASKA POWER AUTHORITY
	SUSITNA HYDROELECTRIC PROJECT
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 35



**LAND OWNERSHIP SCHEDULE**

- AK - STATE OF ALASKA
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- CIRI - COOK INLET REGION, INC.
- P - PRIVATE
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

P.I.	NORTHING	EASTING
36	3014412.40	514823.85
37	3017051.89	514821.14
38	3019491.27	514818.16
39	3036187.44	515683.35
40	3039399.56	514281.97
45	3062585.00	512400.00
46	3066150.00	516865.00
47	3083260.00	523960.00
48	3098259.81	523543.70
49	3104422.65	
P.I.	NORTHING	EASTING

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

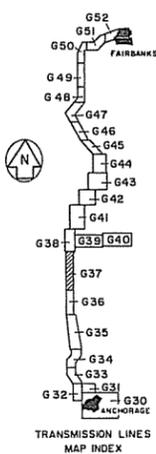
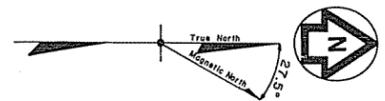
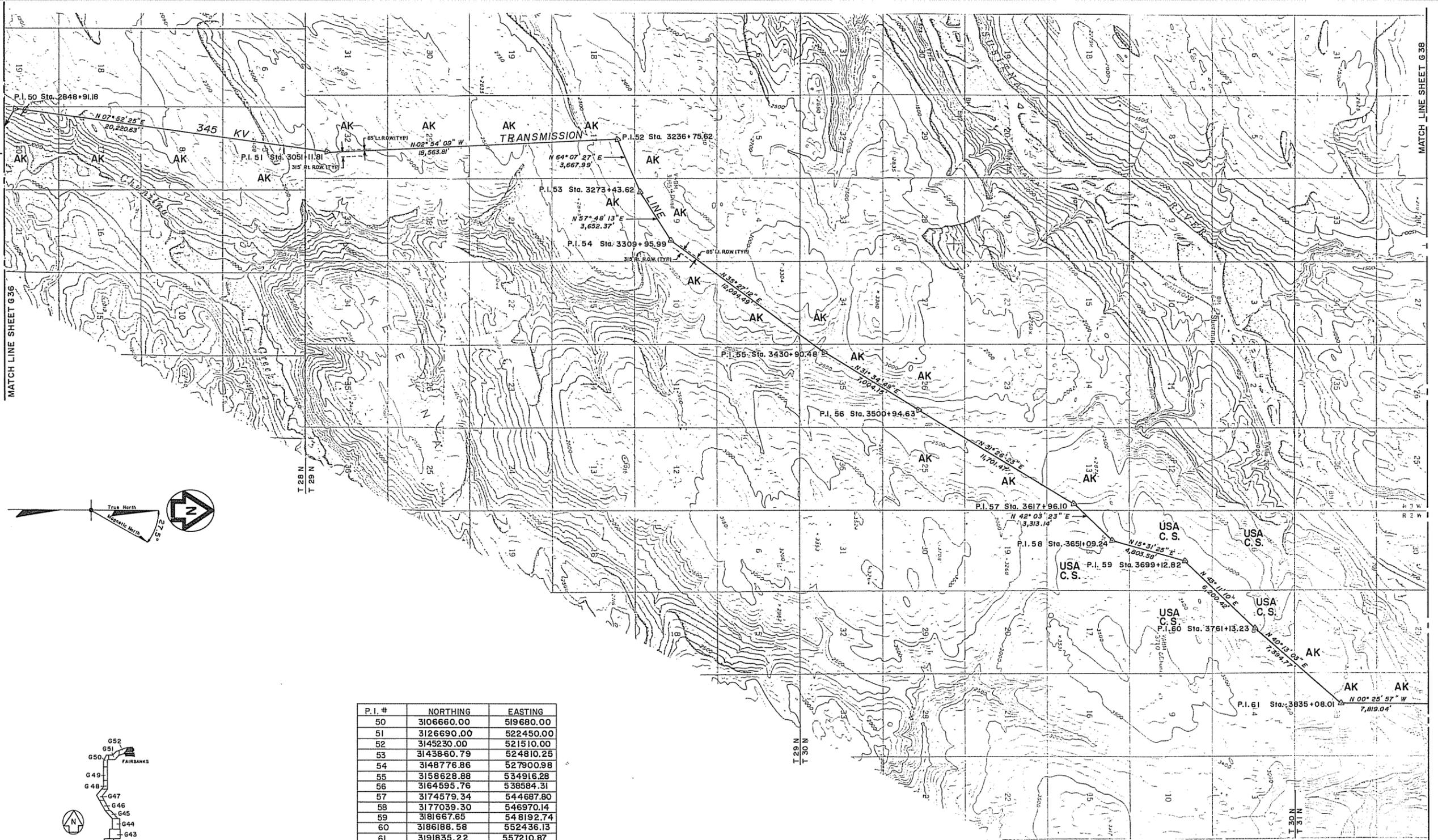
THIS SHEET IS A COMPOSITE OF THE FOLLOWING U.S.G.S. QUADRANGLES: TALKETNA MOUNTAINS (B-6), TALKETNA MOUNTAINS (A-6), SEWARD MERIDIAN

MARZA-EBASC® SUSITNA JOINT VENTURE		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE          PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 36	

SECT. 20  
SUBJECT TO STATE  
MINING  
CLAIMS  
(NOT SUR-  
VEYED)

MATCH LINE SHEET G36

MATCH LINE SHEET G38



P.I. #	NORTHING	EASTING
50	3106660.00	519680.00
51	3126690.00	522450.00
52	3145230.00	521510.00
53	3143860.79	524810.25
54	3148776.86	527900.98
55	3158628.88	534916.28
56	3164595.76	538584.31
57	3174579.34	544687.80
58	3177039.30	546970.14
59	3181667.65	548192.74
60	3186188.58	552436.13
61	3191835.22	557210.87
P.I. **	NORTHING	EASTING

LAND OWNERSHIP SCHEDULE

- STATE OF ALASKA
- COOK INLET REGION, INC. SELECTED
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

AK  
USA  
C. S.

NOTES

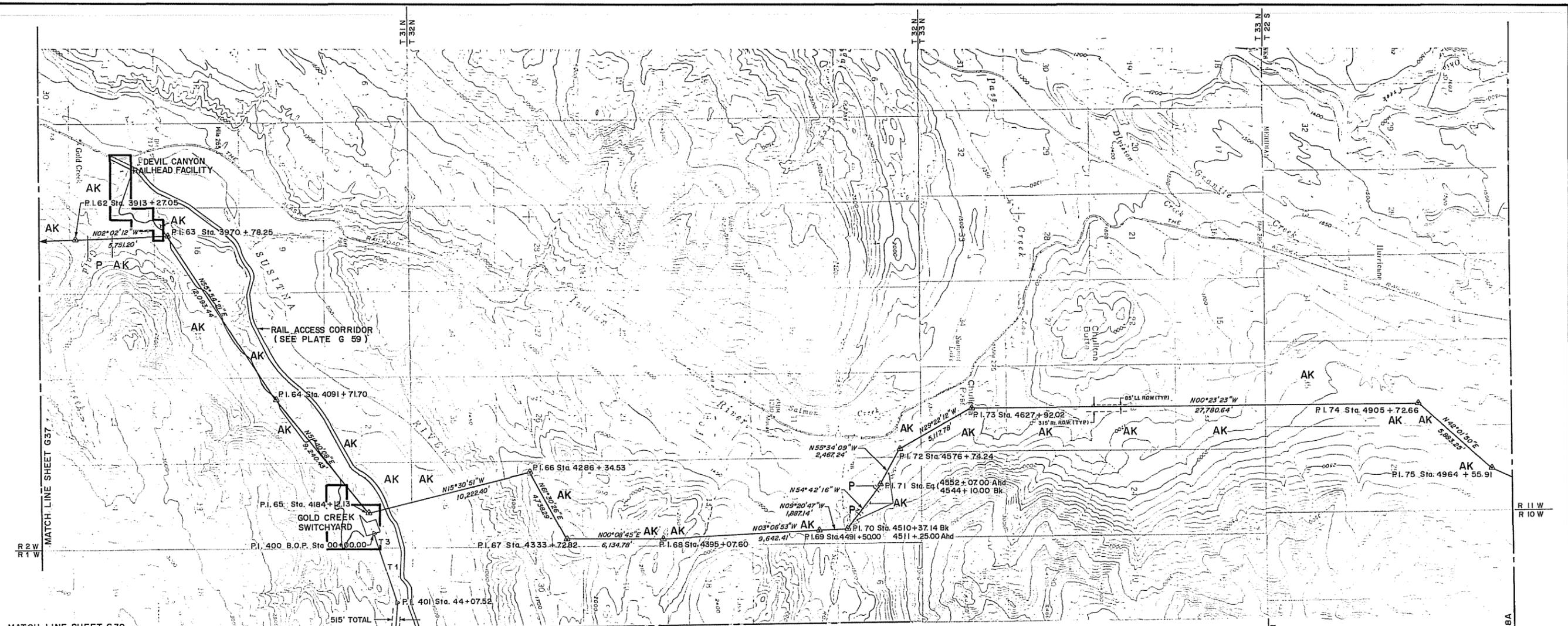
1. ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE: TALKIETNA MOUNTAINS (C-6) SEWARD MERIDIAN

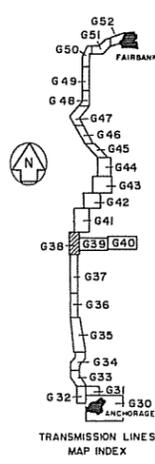
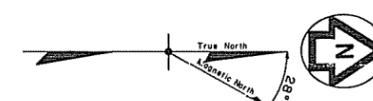


MARZA-BEASCO SUSTITNA JOINT VENTURE		ALASKA POWER AUTHORITY SUSTITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G37	

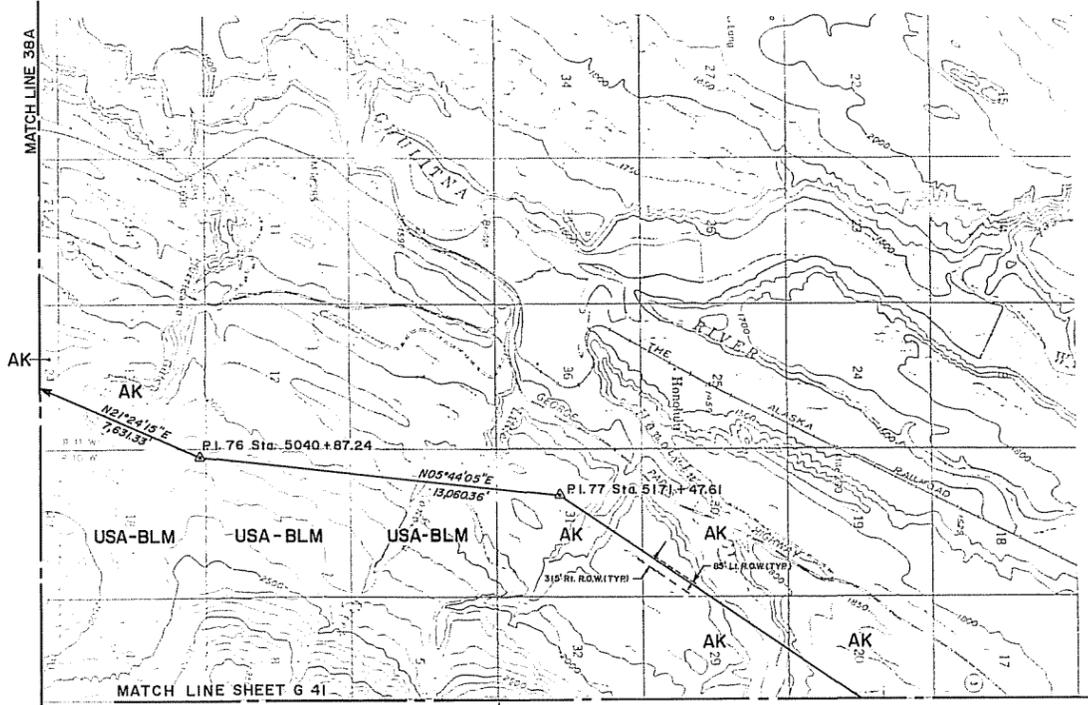


MATCH LINE SHEET G37

MATCH LINE SHEET G39



P.I.	NORTHING	EASTING
62	3199654.04	557151.84
63	3205401.61	556947.46
64	3212180.65	566962.25
65	3217911.60	574210.82
66	3227761.54	571476.57
67	3230021.94	575640.94
68	3236156.70	575656.56
69	3245784.86	575132.64
70	3247646.95	574826.16
71	3249545.00	572145.00
72	3250940.00	570110.00
73	3255400.00	567600.00
74	3283180.00	567411.00
75	3287550.00	571350.00
76	3294655.00	574135.00
77	3307650.00	574440.00
P.I.	NORTHING	EASTING



MATCH LINE SHEET 38A

MATCH LINE SHEET G 41

**LAND OWNERSHIP SCHEDULE**

- AK - STATE OF ALASKA
- USA-BLM - BUREAU OF LAND MANAGEMENT
- P - PRIVATE
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LABEL	BEARING	DISTANCE
T 1	N 71° 12' 10" E	4407.52
T 3	N 71° 12' 10" E	880.62
LABEL	BEARING	DISTANCE

**LEGEND**

— PROJECT BOUNDARY

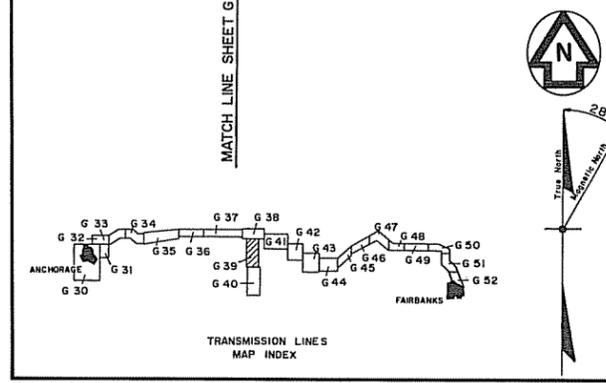
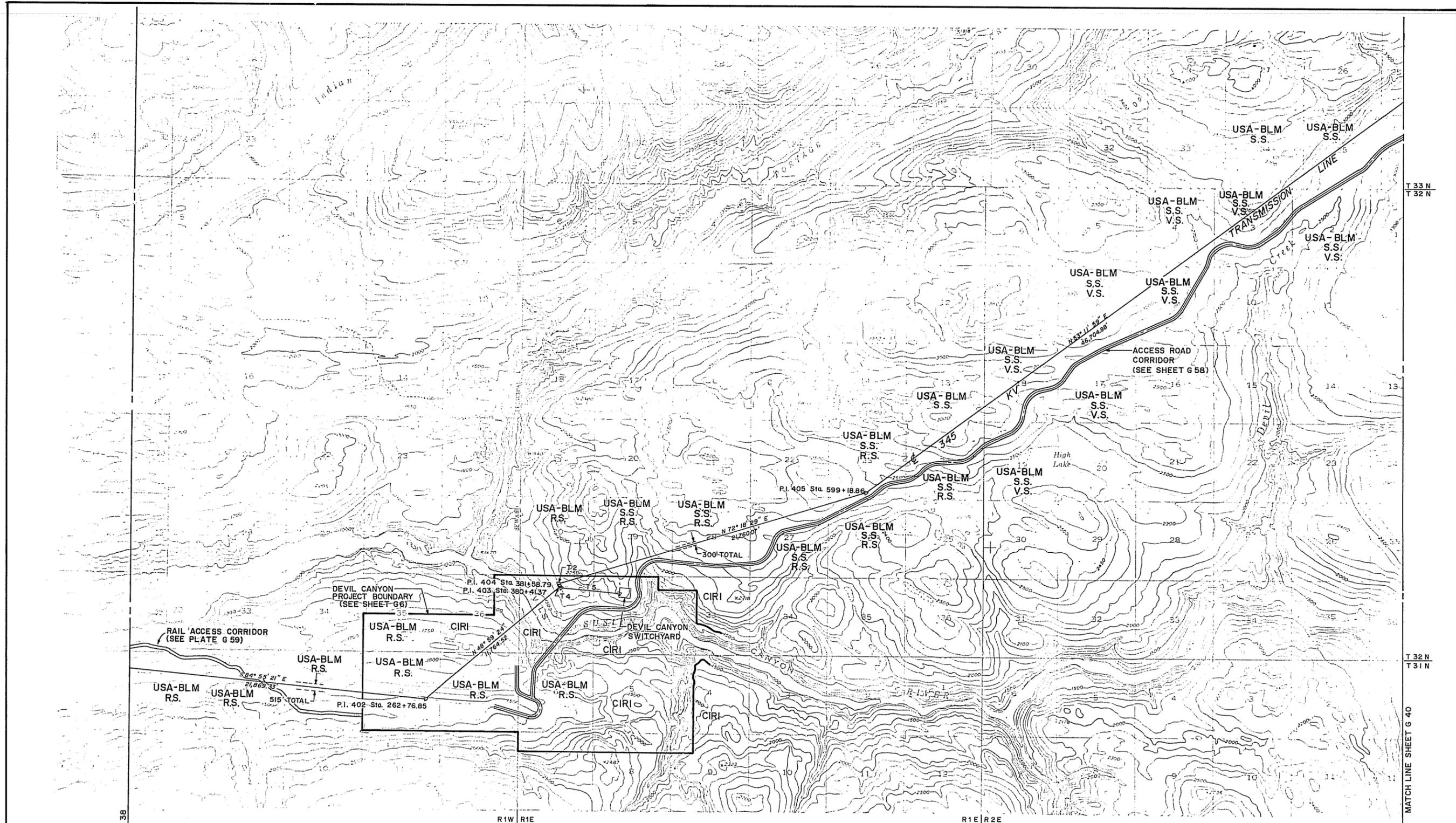
LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

**NOTE**  
ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.



		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G38	

THIS SHEET IS A COMPOSITE OF THE FOLLOWING U.S.G.S QUADRANGLES: TALKEETNA MOUNTAINS (D-6), HEALY (A-6)



**NOTES**

1. NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL BLM PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.

2. ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

**LAND OWNERSHIP SCHEDULE**

- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- S.S. - STATE SELECTION
- R.S. - COOK INLET REGION INC. REGIONAL SELECTION
- V.S. - COOK INLET REGION INC. VILLAGE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

P.I. #	NORTHING	EASTING
402	3217698.12	601273.47
403	3225417.91	610150.91
404	3225520.26	610093.35
405	3232133.13	630824.26
P.I. #	NORTHING	EASTING

LABEL	BEARING	DISTANCE
T2	N 29° 21' 04" W	117.42
T4	S 41° 00' 36" E	115.00
T5	S 84° 19' 45" E	4023.38
LABEL	BEARING	DISTANCE



THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE TALKETNA MOUNTAINS (D-5) FAIRBANKS MERIDIAN

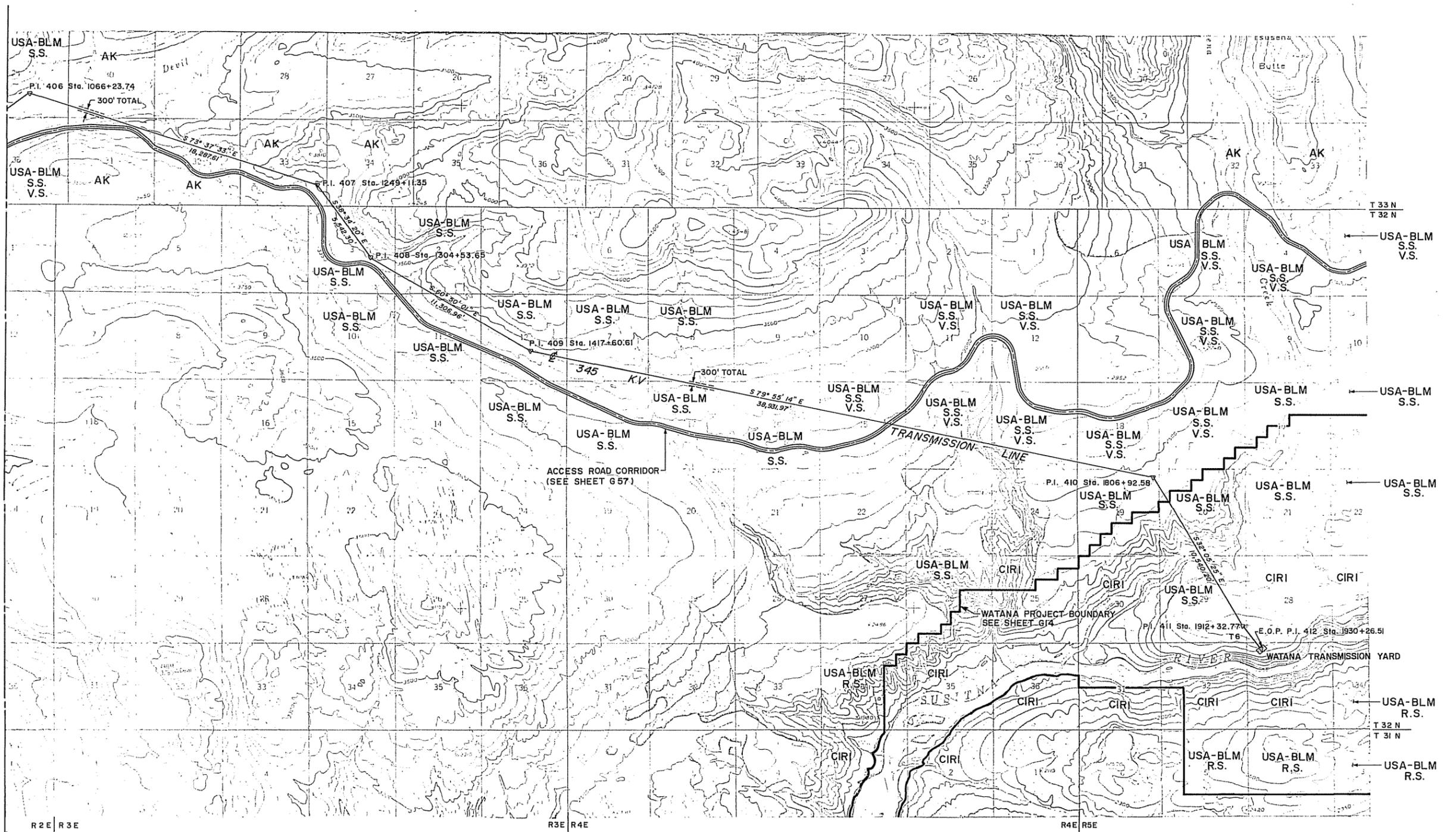
MARZA-EBASCO  
SUSITNA JOINT VENTURE

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**TRANSMISSION LINE PROJECT BOUNDARY**

EXHIBIT G

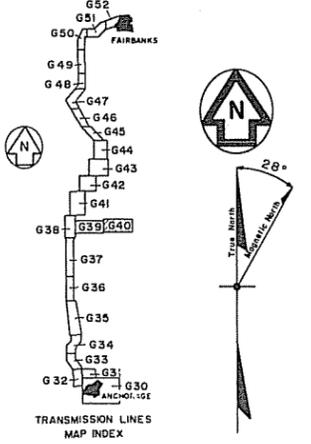
PLATE G 39



MATCH SHEET G39

P.I. #	NORTHING	EASTING
406	326010.71	668222.13
407	3254955.25	685768.02
408	3250622.16	689223.65
409	3245111.75	699096.98
410	3238298.18	737428.08
411	3229368.39	743027.60
412	3228020.88	744212.22
P.I. #	NORTHING	EASTING

LABEL	BEARING	DISTANCE
T 6	S 80° 28' 00" E	300.00
LABEL	BEARING	DISTANCE



**NOTES**

- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL BLM. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
- ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

**LAND OWNERSHIP SCHEDULE**

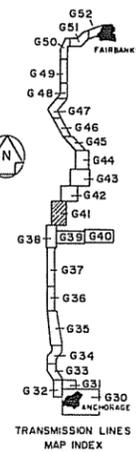
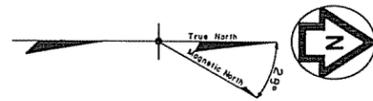
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
S.S.	- STATE SELECTION
R.S.	- COOK INLET REGION, INC. REGIONAL SELECTION
V.S.	- COOK INLET REGION, INC. VILLAGE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

THIS SHEET IS A COMPOSITE OF THE FOLLOWING U.S.G.S. QUADRANGLES: TALKEETNA MOUNTAINS (D-5), TALKEETNA MOUNTAINS (D-4), FAIRBANKS MERIDIAN



MARZA-EBAGG SUSTINA JOINT VENTURE		ALASKA POWER AUTHORITY SUSTINA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 40	

MATCH LINE SHEET G38



AK  
USA-BLM  
AHTNA  
USA  
A.S.

LAND OWNERSHIP SCHEDULE

- STATE OF ALASKA
- BUREAU OF LAND MANAGEMENT
- AHTNA, INC.
- AHTNA, INC. SELECTED
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

P.I.#	NORTHING	EASTING
78	3342379.00	598750.00
79	3348360.00	604065.00
80	3356740.00	609480.00
81	3369210.00	617670.00
P.I.#	NORTHING	EASTING

**NOTE**

ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE: HEALY (A-5) FAIRBANKS MERIDIAN

SCALE 0 1 MILE

AK  
AK  
345 KV

AK  
AK

AK

AK

AK

AK

AK

P.I. 78 Sta. 5569+74.15

AK

AK

P.I. 79 Sta. 5669+75.50

USA-BLM

USA-BLM

P.I. 80 Sta. 5769+52.80

USA-BLM

USA-BLM

AK

AK

P.I. 81 Sta. 5918+71.82

AK

R.O.W. MAY INITIALLY BE LESS THAN 400' IN THIS AREA

AHTNA

USA A.S.

AHTNA

AHTNA

AHTNA

DENALI NATIONAL PARK AND RESERVE

BOUNDARY

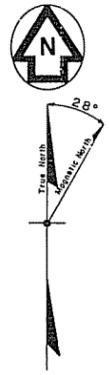
R 10 W  
R 9 W

MARZA+EBASCO ALASKA POWER AUTHORITY  
SUSITNA JOINT VENTURE SUSITNA HYDROELECTRIC PROJECT

**TRANSMISSION LINE PROJECT BOUNDARY**

EXHIBIT G

PLATE G 41



T 18 S  
T 19 S

DENALI NATIONAL PARK  
AND  
RESERVE

BOUNDARY

MATCH LINE SHEET G-43

USA  
A.S.

USA  
A.S.

P.I. 87 Sta. 6493+05.74

USA  
A.S.

USA  
A.S.

USA  
A.S.

P.I. 86 Sta. 6370+99.76

AHTNA

85' LI. ROW (TYP)

315' RI. ROW (TYP)

AK

AHTNA

N54°45'30"E  
17011.91'

AHTNA

N47°32'26"E  
1,036.93'

P.I. 85 Sta. 6200+87.85

N44°50'24"E  
2,355.58'

P.I. 84 Sta. 6190+50.92

P.I. 83 Sta. 6166+95.34

AHTNA

AHTNA

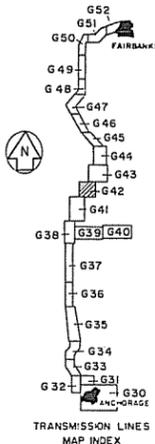
N47°52'14"E  
5,985.84'

AHTNA

P.I. 82 Sta. 6107+09.40

MATCH LINE SHEET G 41

R  
R  
R  
R



TRANSMISSION LINES  
MAP INDEX

LAND OWNERSHIP SCHEDULE

- AK - STATE OF ALASKA
- USA A.S. - AHTNA, INC. SELECTED
- AHTNA - AHTNA, INC.
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

P.I. #	NORTHING	EASTING
82	3382460.00	631060.00
83	3388244.71	632599.00
84	3389915.00	634260.00
85	3390615.00	635025.00
86	3400430.00	648920.00
87	3408300.00	658250.00
P.I. #	NORTHING	EASTING

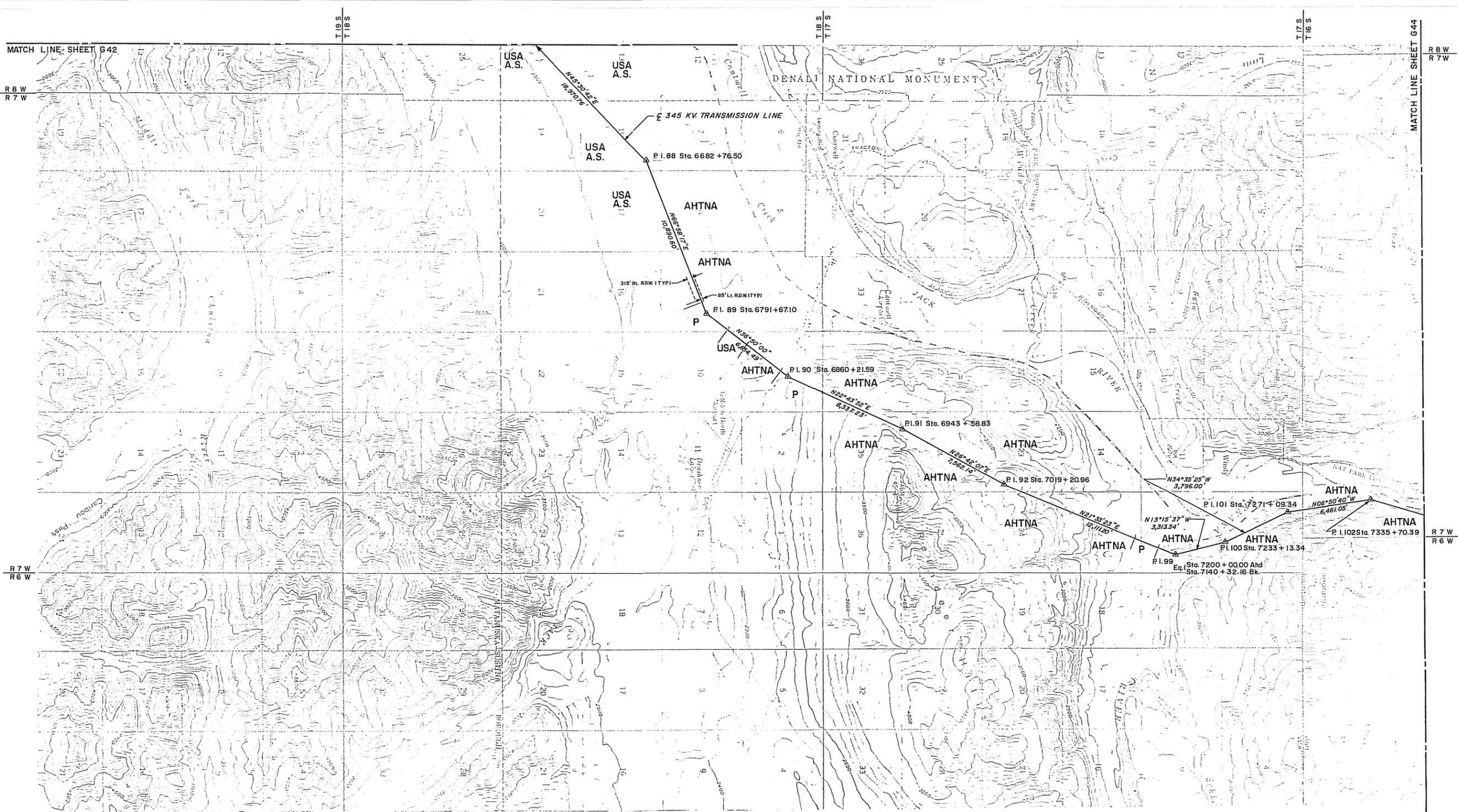
NOTE  
ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

SCALE 0 1 MILE

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE HEALY (B-5) FAIRBANKS MERIDIAN

MARZA-EDASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY	
		SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 42	



MATCH LINE SHEET G42

MATCH LINE SHEET G44

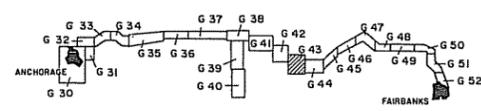
R 8 W  
R 7 W

R 8 W  
R 7 W

R 7 W  
R 6 W

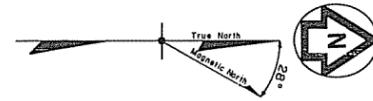
R 7 W  
R 6 W

SCALE 0 1 MILE



TRANSMISSION LINES  
MAP INDEX

P.I. #	NORTHING	EASTING
88	3421594.02	671783.62
89	3425854.34	681806.34
90	3431340.56	685915.53
91	3439030.22	689137.11
92	3445785.90	692535.15
99	3457050.00	696985.00
100	3460275.00	696225.00
101	3463400.00	694070.00
102	3469815.00	693300.00
P.I. #	NORTHING	EASTING



**LAND OWNERSHIP SCHEDULE**

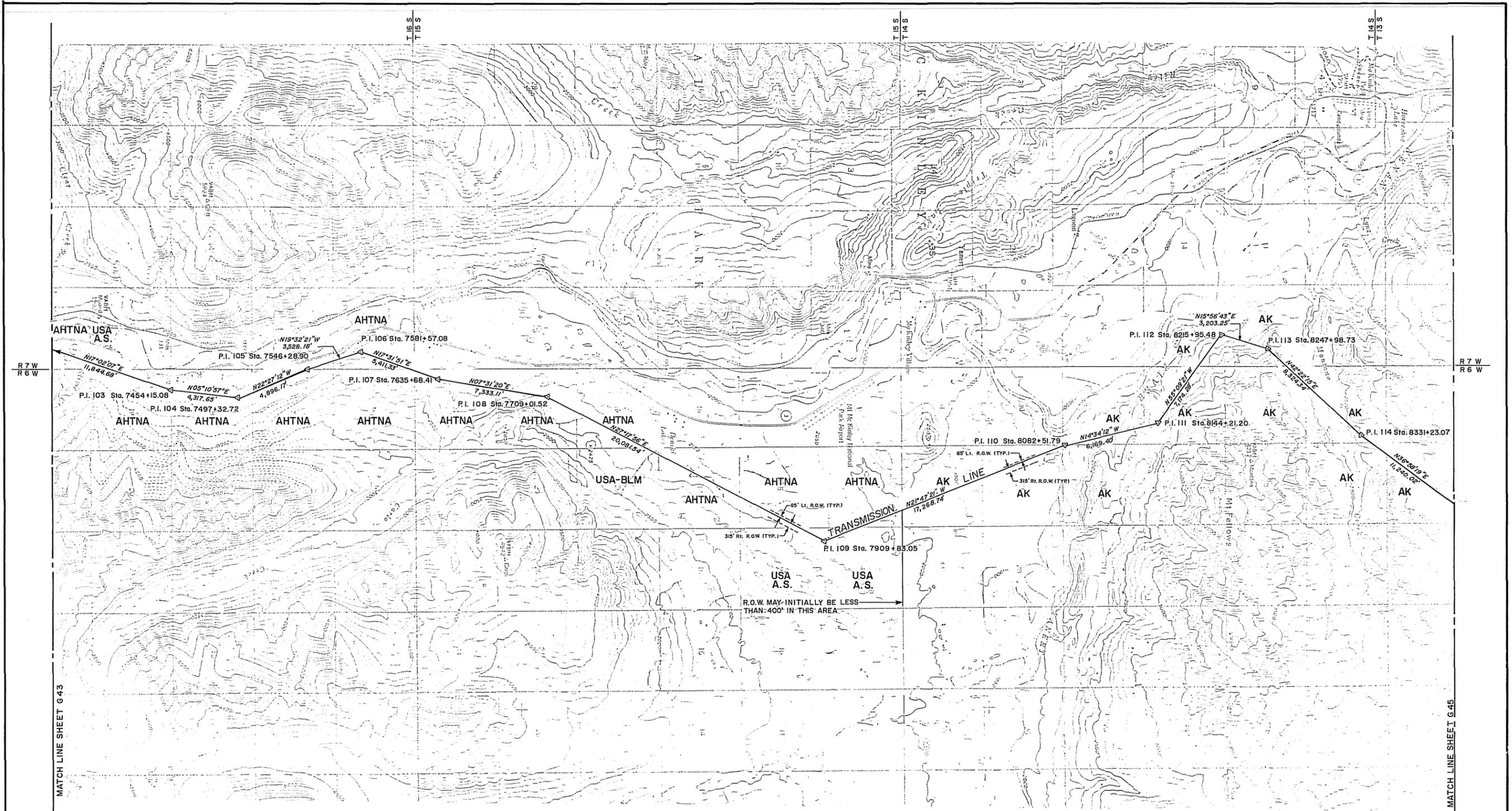
- USA A.S. - AHTNA, INC. SELECTED
- AHTNA - AHTNA, INC.
- P - PRIVATE
- USA - UNITED STATES OF AMERICA
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

**NOTE**  
ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE HEALY (B-4) FAIRBANKS MERIDIAN

		<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G43	

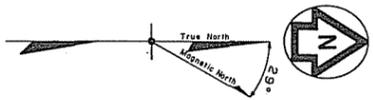


MATCH LINE SHEET G 43

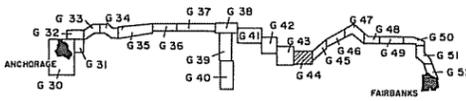
MATCH LINE SHEET G 44

**LAND OWNERSHIP SCHEDULE**

- AHTNA - AHTNA, INC.
- USA-BLM - BUREAU OF LAND MANAGEMENT
- USA A.S. - AHTNA, INC. SELECTED
- AK - STATE OF ALASKA
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN



SCALE 0 1 MILE



TRANSMISSION LINES MAP INDEX

P.I.#	NORTHING	EASTING
103	3481140.00	696770.00
104	3485440.00	697160.00
105	3489965.00	695290.00
106	3493290.00	694110.00
107	3498450.00	695740.00
108	3505720.00	696700.00
P.I.#	NORTHING	EASTING

P.I.#	NORTHING	EASTING
109	3523565.00	705910.00
110	3539600.00	699500.00
111	3545571.00	697948.00
112	3549670.00	692060.00
113	3552750.00	692940.00
114	3558900.00	698550.00
P.I.#	NORTHING	EASTING

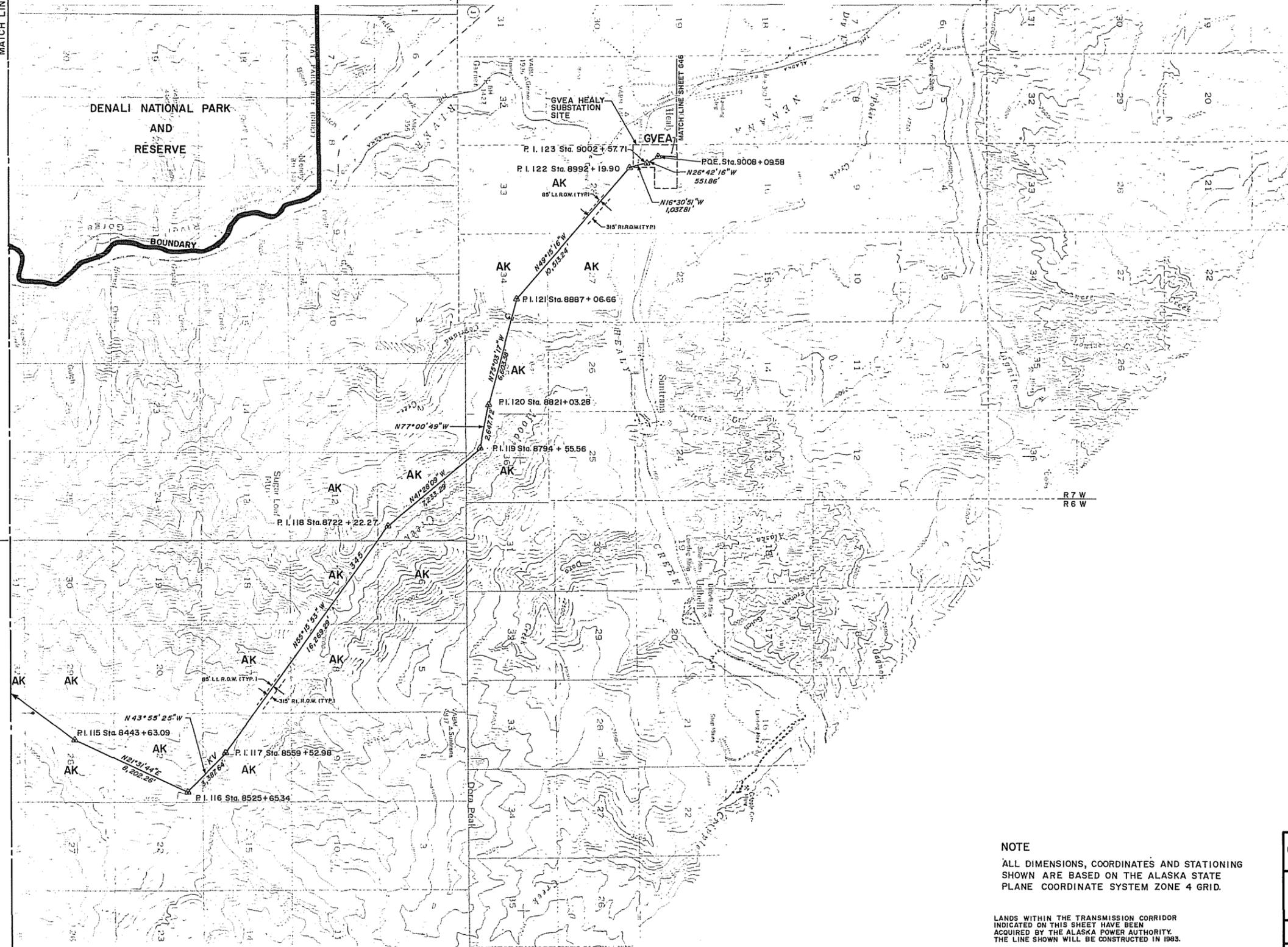
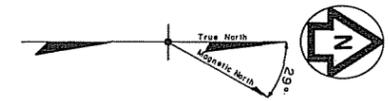
**NOTE**  
ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE HEALY (C-4) FAIRBANKS MERIDIAN

MARZA-EDASCO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY	
		SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 44	

MATCH LINE SHEET G 44



LAND OWNERSHIP SCHEDULE

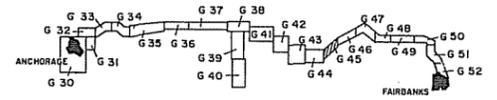
- AK - STATE OF ALASKA
- GVEA - GOLDEN VALLEY ELECTRIC ASSOCIATION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

P. I. #	NORTHING	EASTING
115	3567880.00	705310.00
116	3575510.00	7083200.00
117	3577950.00	705970.00
118	3587220.00	692600.00
119	3592640.00	687810.00
120	3593235.00	6852300.00
121	3594938.00	678850.00
122	3601800.00	670885.00
123	3602795.00	670590.00
P. O. E.	3603272.00	670356.76
P. I. #	NORTHING	EASTING



**NOTE**  
 ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.



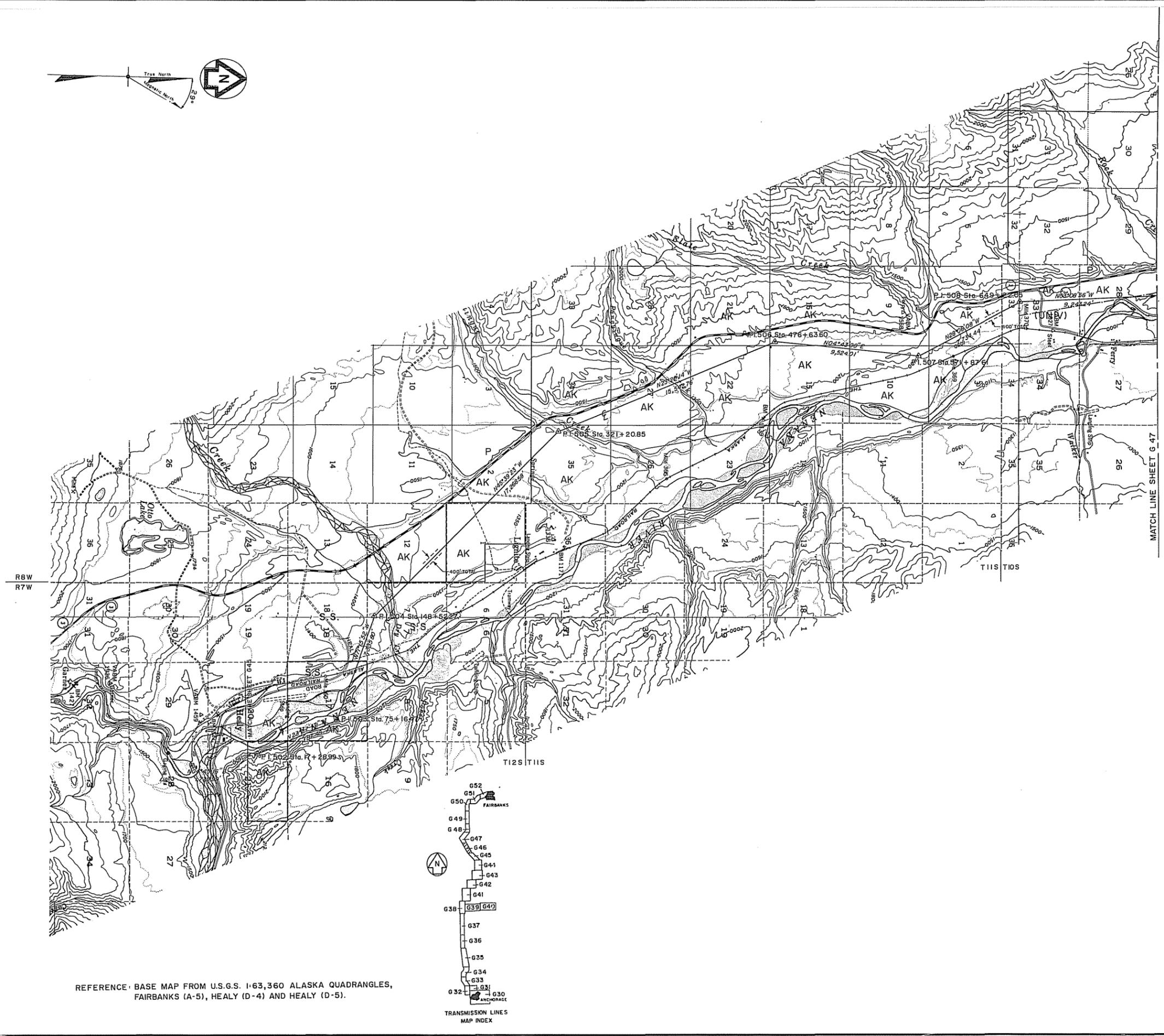
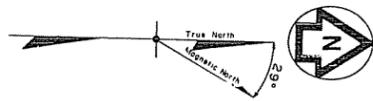
TRANSMISSION LINES MAP INDEX

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE HEALY (D-4) FAIRBANKS MERIDIAN

MARZA-BEASCO ALASKA POWER AUTHORITY  
 SUSITNA JOINT VENTURE SUSITNA HYDROELECTRIC PROJECT

**TRANSMISSION LINE PROJECT BOUNDARY**

EXHIBIT G PLATE G 45



**NOTES**

- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
- ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

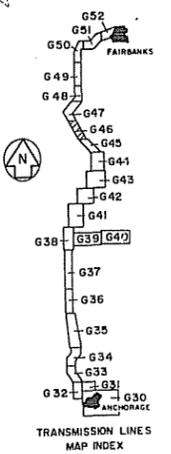
P.I. #	NORTHING	EASTING
502	3605011.08	670485.28
503	3610327.11	668197.31
504	3612683.37	661250.22
505	3624753.39	648900.39
506	3639024.59	642743.28
507	3648516.35	643526.44
508	3655338.97	639883.17
P.I. #	NORTHING	EASTING

**LAND OWNERSHIP SCHEDULE**

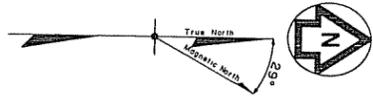
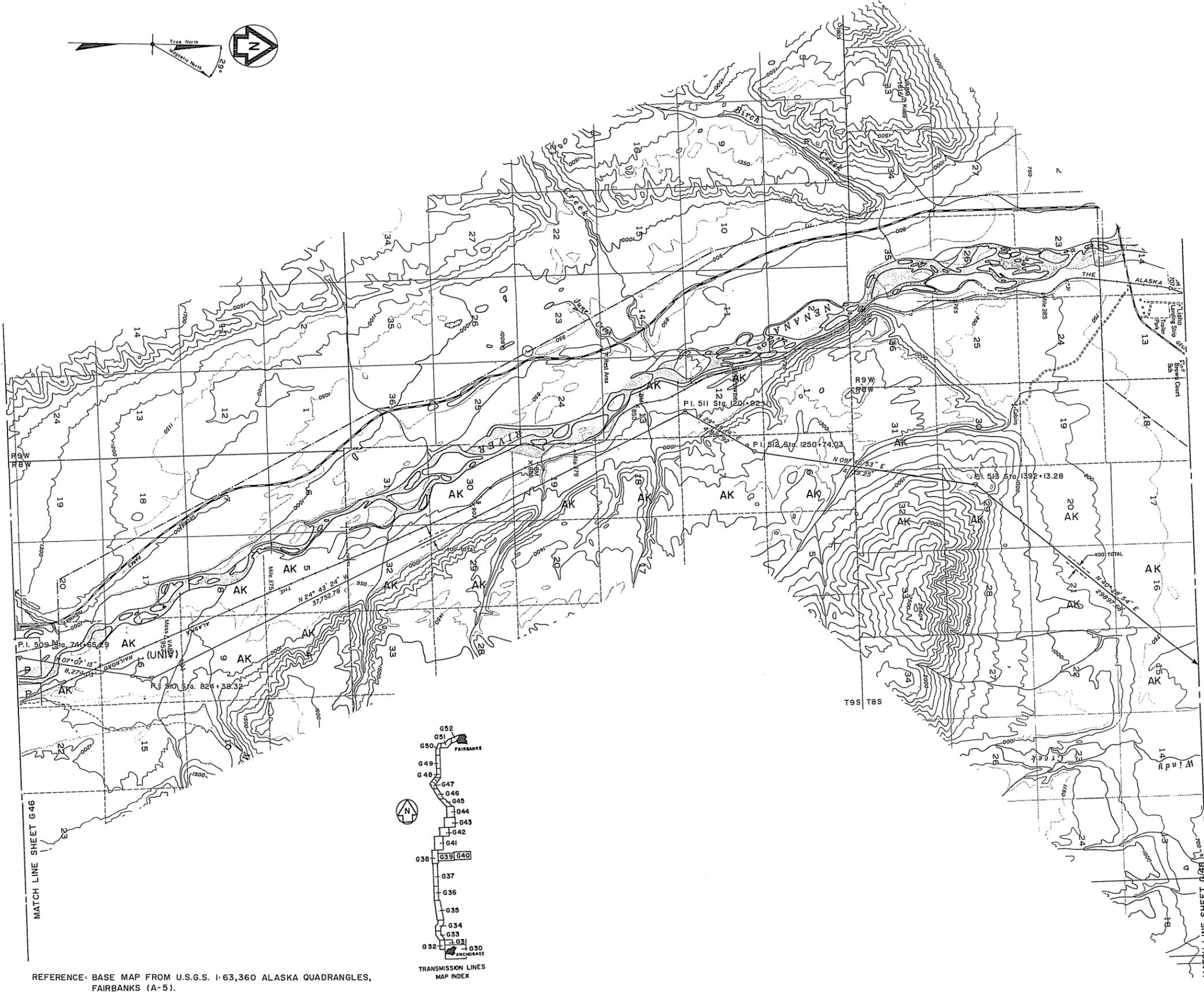
USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
USA FED.R.R.	- UNITED STATES FEDERAL RAILROAD
P	- PRIVATE
S.S.	- STATE SELECTION
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 1 MILE

REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (A-5), HEALY (D-4) AND HEALY (D-5).



	ALASKA POWER AUTHORITY
	SUSITNA HYDROELECTRIC PROJECT
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 46



**NOTES**

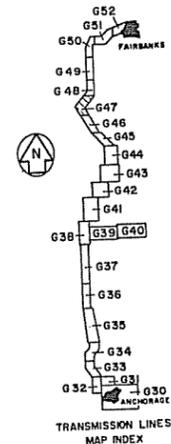
- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
- ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

PT.#	NORTHING	EASTING
509	3664568.25	639375.43
510	3672778.48	640401.01
511	3707070.76	624611.40
512	3711306.25	627039.11
513	3725244.14	629416.88
PT.#	NORTHING	EASTING

- LAND OWNERSHIP SCHEDULE**
- USA-BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - US ARMY - UNITED STATES ARMY
  - USAF - UNITED STATES AIR FORCE
  - MAT-SU - MATANUSKA-SUSITNA BOROUGH
  - M OF ANC - MUNICIPALITY OF ANCHORAGE
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

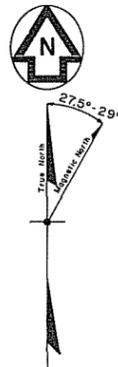


MATCH LINE SHEET G 46

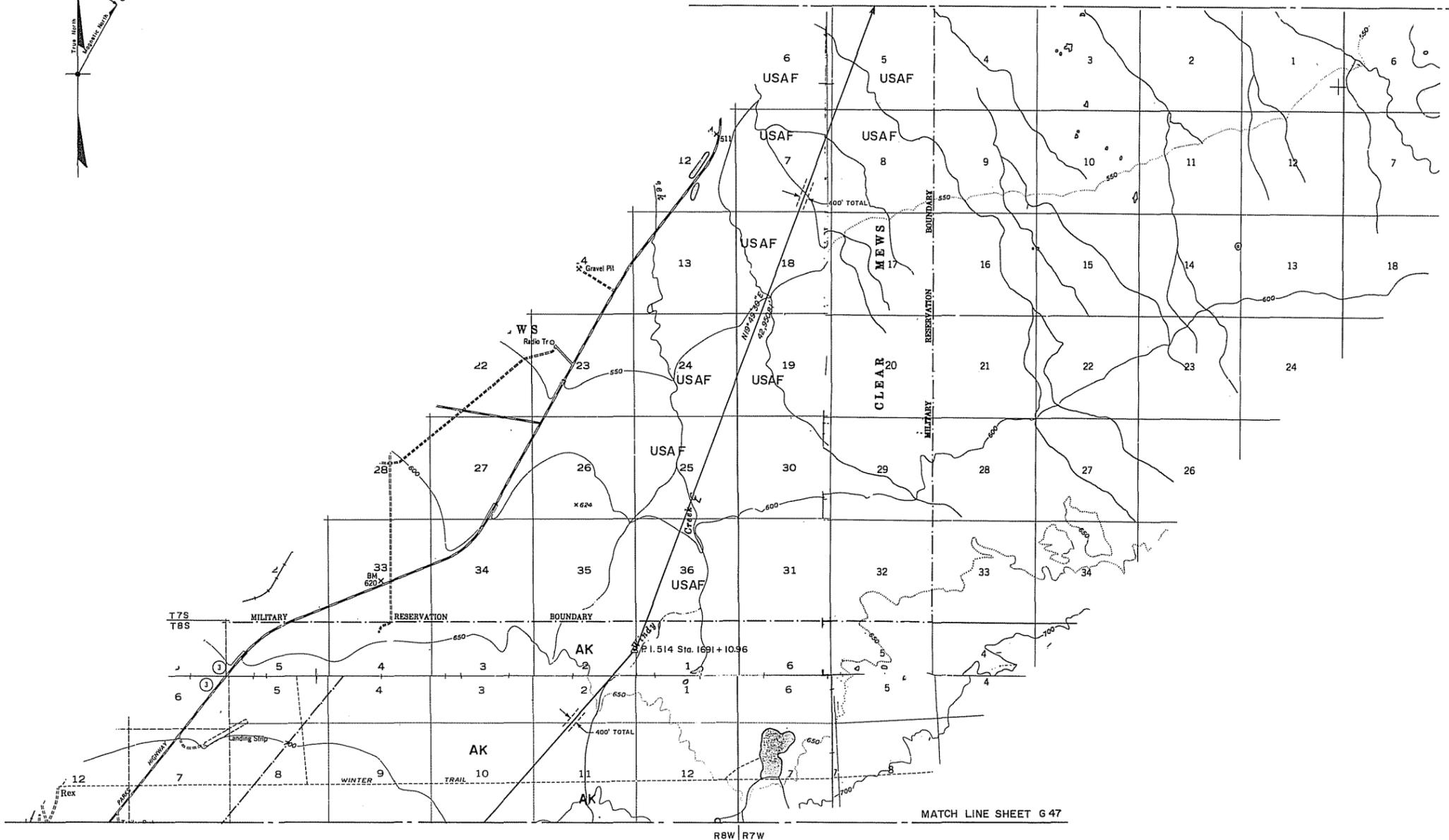


REFERENCE: BASE MAP FROM U.S.G.S. 1-63,360 ALASKA QUADRANGLES, FAIRBANKS (A-5).

	ALASKA POWER AUTHORITY	
	SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>		
EXHIBIT G		PLATE G47



MATCH LINE SHEET G 49



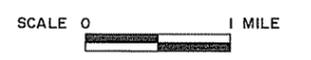
NOTES

1. NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
2. ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

PT. #	NORTHING	EASTING
514	3747984.70	648826.61

LAND OWNERSHIP SCHEDULE

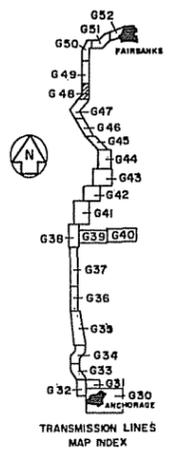
- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- M OF ANC - MUNICIPALITY OF ANCHORAGE
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN



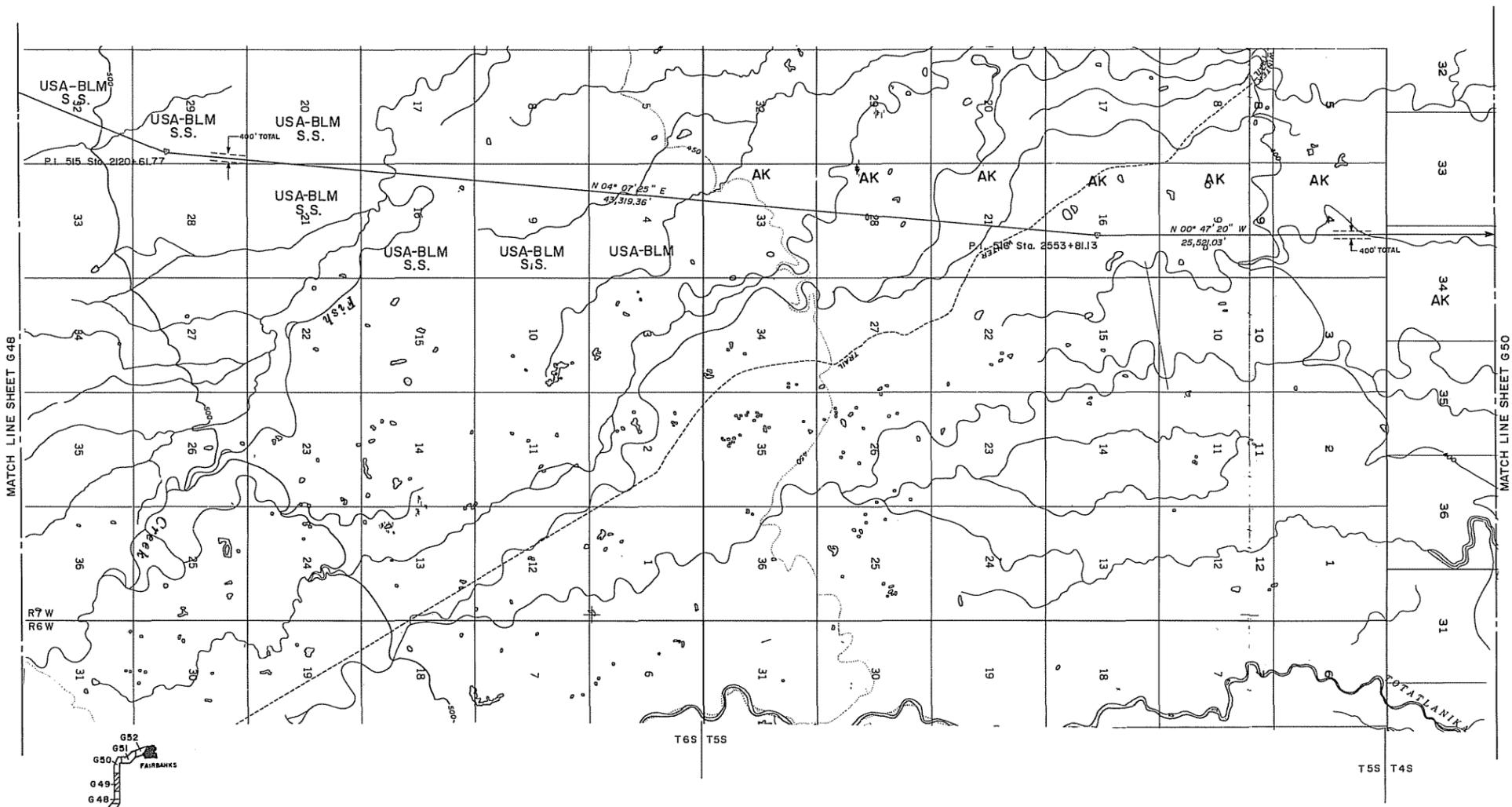
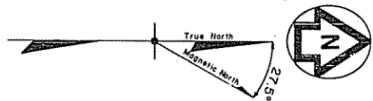
MATCH LINE SHEET G 47

R8W R7W

REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (A-4), FAIRBANKS (A-5), FAIRBANKS (B-4), AND FAIRBANKS (B-5).



MARZA-BRASEO SUSITNA JOINT VENTURE		ALASKA POWER AUTHORITY	
		SUSITNA HYDROELECTRIC PROJECT	
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>			
EXHIBIT G		PLATE G 48	



NOTES

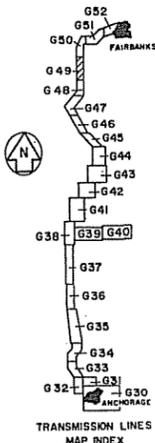
1. NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.

2. ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

PT. #	NORTHING	EASTING
515	3788389.93	663393.35
516	3831597.14	666508.39
PT. #	NORTHING	EASTING

LAND OWNERSHIP SCHEDULE

- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- CIRI - COOK INLET REGION, INC.
- US ARMY - UNITED STATES ARMY
- USAF - UNITED STATES AIR FORCE
- MAT-SU - MATANUSKA-SUSITNA BOROUGH
- M OF ANC - MUNICIPALITY OF ANCHORAGE
- S.S. - STATE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

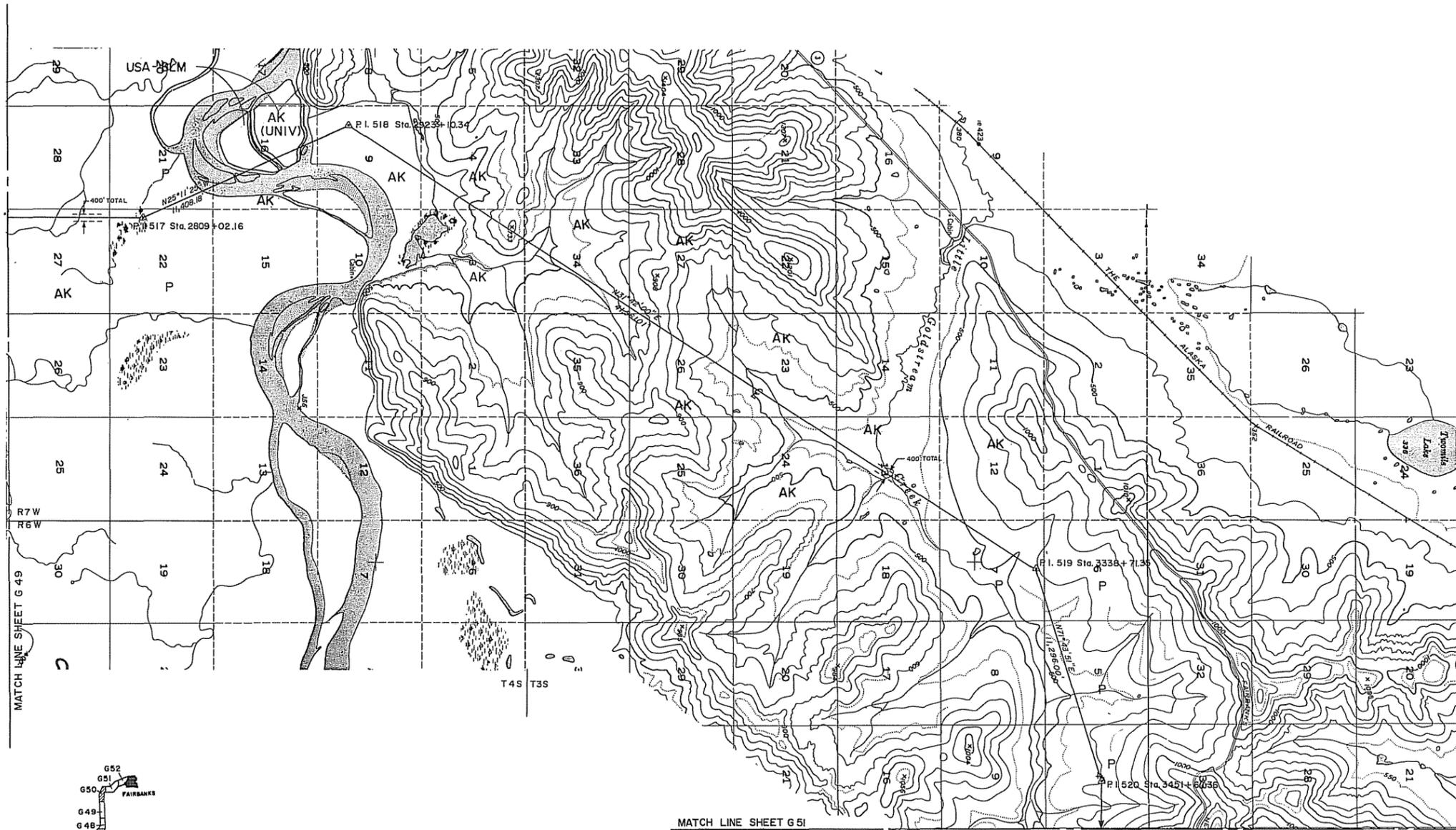
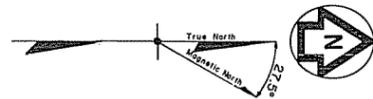


REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (B-4) AND FAIRBANKS (C-4).

HARZA-EDASCO SUSITNA JOINT VENTURE ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

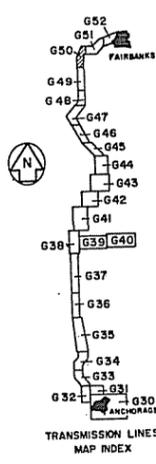
EXHIBIT G PLATE G 49



- NOTES**
- NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (BLM) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
  - ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

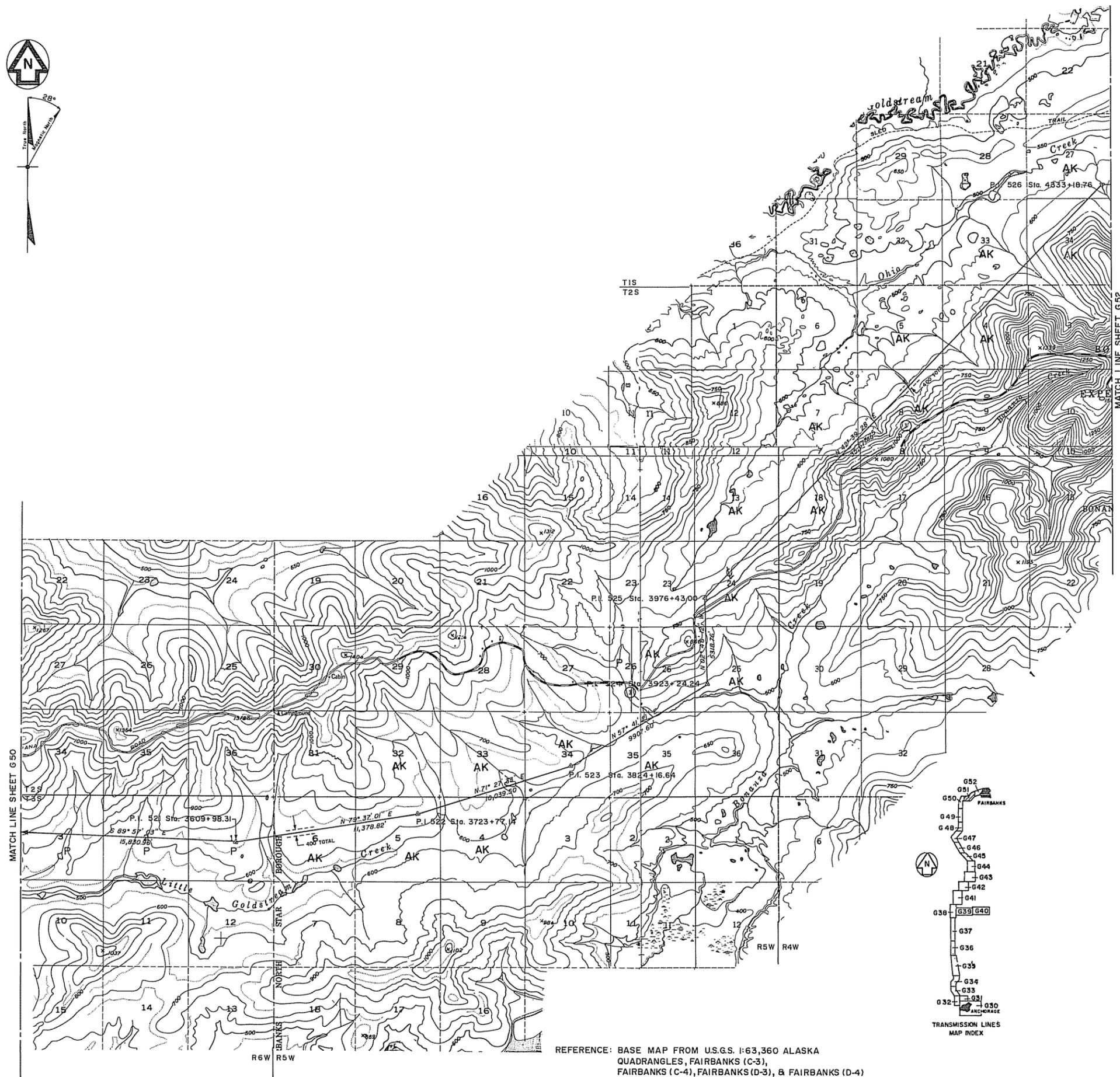
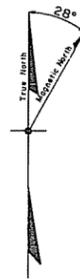
PT. #	NORTHING	EASTING
517	3857115.76	666157.03
518	3867439.01	661301.42
519	3902799.63	683140.48
520	3906340.69	693867.10
PT. #	NORTHING	EASTING

- LAND OWNERSHIP SCHEDULE**
- USA-BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - US ARMY - UNITED STATES ARMY
  - USAF - UNITED STATES AIR FORCE
  - P - PRIVATE
  - M OF ANC - MUNICIPALITY OF ANCHORAGE
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN



REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE, FAIRBANKS (C-4)

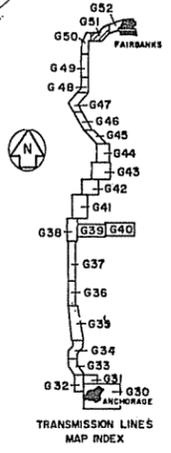
	ALASKA POWER AUTHORITY
	SUSITNA HYDROELECTRIC PROJECT
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G50



- NOTES
1. NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (B.L.M.) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.
  2. ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

PT. #	NORTHING	EASTING
521	3906327.07	709698.06
522	3908377.87	720890.55
523	3911570.22	730408.98
524	3916865.95	738782.50
525	3922178.50	738525.46
526	3948414.96	762699.98
PT. #	NORTHING	EASTING

- LAND OWNERSHIP SCHEDULE
- USA-BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - US ARMY - UNITED STATES ARMY
  - USAF - UNITED STATES AIR FORCE
  - MAT-SU - MATANUSKA-SUSITNA BOROUGH
  - P - PRIVATE
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

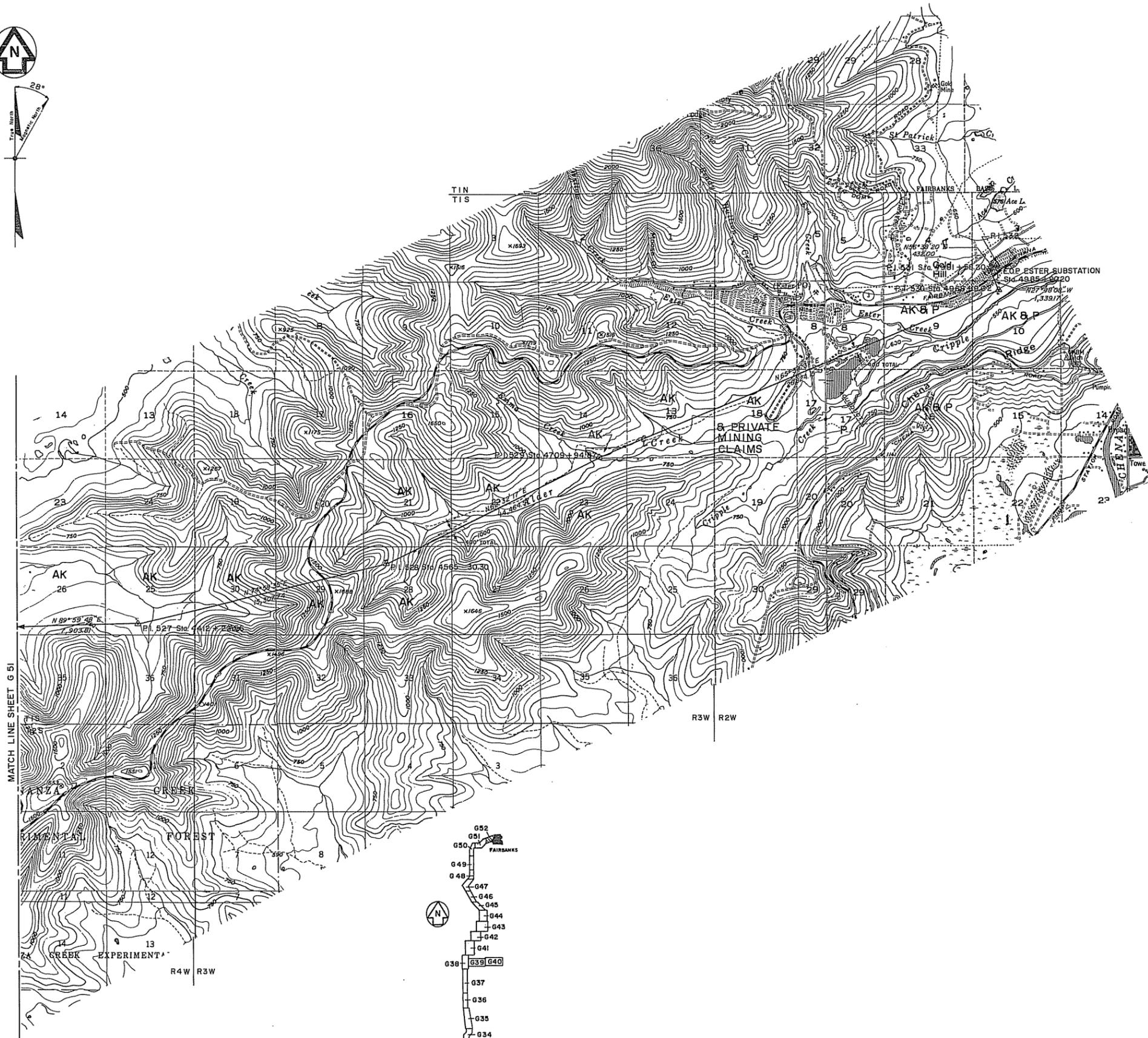
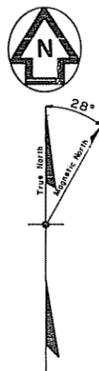


REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (C-3), FAIRBANKS (C-4), FAIRBANKS (D-3), & FAIRBANKS (D-4)

MARZA-EDASCO ALASKA POWER AUTHORITY  
SUSITNA JOINT VENTURE SUSITNA HYDROELECTRIC PROJECT

**TRANSMISSION LINE PROJECT BOUNDARY**

EXHIBIT G PLATE G5I



**NOTES**

1. NO SURVEY WAS PERFORMED PRIOR TO THE PREPARATION OF THIS MAP. TOWNSHIP CORNER POSITIONS WERE DETERMINED BY COORDINATING RECORD BUREAU OF LAND MANAGEMENT (B.L.M.) SURVEY PLATS FOR THE ASSOCIATED TOWNSHIPS. WHERE NO RECORD PLAT EXISTED, POSITIONS WERE DETERMINED FROM THE OFFICIAL B.L.M. PROTRACTION DIAGRAM. POSITIONS FOR THE TRANSMISSION LINE P.I.'S WERE DETERMINED BY DIGITIZING SCALED POINTS ON THE RESPECTIVE U.S.G.S. QUADRANGLE MAPS ORIENTATED TO THE COMPUTED TOWNSHIP CORNER POSITIONS.

2. ALL DIMENSIONS, COORDINATES AND STATIONING SHOWN ARE BASED ON THE ALASKA STATE PLANE COORDINATE SYSTEM ZONE 4 GRID.

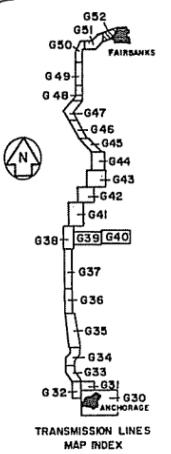
P.I.#	NORTHING	EASTING
527	3948415.41	770603.79
528	3952383.44	785388.29
529	3959053.90	798222.96
530	3969738.33	821733.17
531	3970922.91	821108.54
532	3971160.00	821469.36
P.I.#	NORTHING	EASTING

**LAND OWNERSHIP SCHEDULE**

USA-BLM	- BUREAU OF LAND MANAGEMENT
AK	- STATE OF ALASKA
CIRI	- COOK INLET REGION, INC.
US ARMY	- UNITED STATES ARMY
USAF	- UNITED STATES AIR FORCE
MAT-SU	- MATANUSKA-SUSITNA BOROUGH
M OF ANC	- MUNICIPALITY OF ANCHORAGE
P	- PRIVATE
	- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

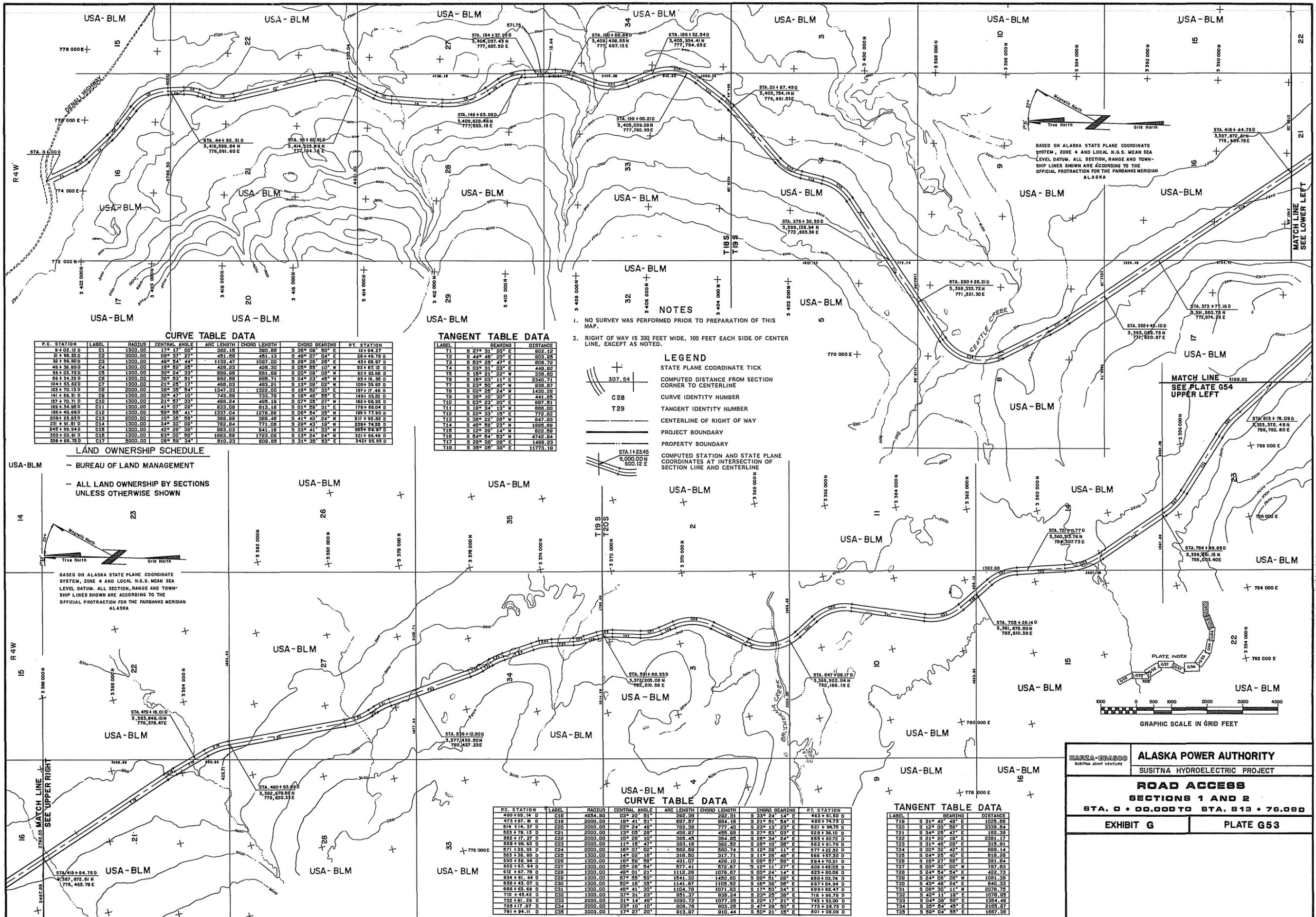


REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (D-2) & FAIRBANKS (D-3).



	ALASKA POWER AUTHORITY
	SUSITNA HYDROELECTRIC PROJECT
<b>TRANSMISSION LINE PROJECT BOUNDARY</b>	
EXHIBIT G	PLATE G 52

# ACCESS ROAD BOUNDARY MAPS



**CURVE TABLE DATA**

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
9+02.12 D	C1	1300.00	17° 17' 00"	382.18	380.86	S 88° 08' 50" E	12+94.27
21+98.22 D	C2	3000.00	09° 37' 27"	451.88	451.13	S 48° 07' 04" E	26+49.76 D
32+58.50 D	C3	1300.00	49° 41' 44"	1133.47	1037.00	S 28° 28' 28" E	43+68.97 D
48+38.89 D	C4	1300.00	18° 52' 28"	428.23	428.30	S 05° 55' 10" W	62+67.12 D
56+03.72 D	C5	1300.00	30° 24' 33"	688.88	681.88	S 00° 08' 08" W	62+93.68 D
86+34.39 D	C6	1300.00	38° 53' 51"	882.88	889.71	S 04° 23' 45" W	95+16.36 D
104+58.82 D	C7	1300.00	21° 28' 17"	483.03	483.21	S 13° 08' 05" D	109+33.65 D
123+70.13 D	C8	2000.00	38° 35' 54"	1347.33	1322.00	S 18° 52' 33" E	137+17.48 D
141+55.31 D	C9	1300.00	32° 47' 10"	743.88	733.76	S 19° 48' 55" E	149+03.20 D
157+70.71 D	C10	1300.00	21° 57' 33"	489.24	489.18	S 07° 55' 27" W	162+66.95 D
189+34.05 D	C11	1300.00	41° 07' 58"	833.00	813.18	S 01° 58' 31" E	178+80.04 D
186+40.88 D	C12	1300.00	58° 55' 41"	1337.04	1278.88	S 08° 54' 35" W	189+77.90 D
208+23.83 D	C13	2000.00	10° 35' 58"	368.88	369.48	S 41° 40' 24" W	211+93.82 D
231+31.51 D	C14	1300.00	34° 30' 09"	789.84	771.08	S 23° 43' 18" W	239+74.38 D
245+96.94 D	C15	1300.00	42° 28' 38"	683.03	641.18	S 33° 41' 33" W	255+58.97 D
303+02.91 D	C16	1300.00	83° 00' 58"	1883.58	1723.08	S 13° 24' 24" W	321+86.49 D
336+89.72 D	C17	5000.00	08° 58' 34"	810.23	808.85	S 31° 35' 53" E	342+95.95 D

**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T1	S 27° 31' 20" E	802.12
T2	S 44° 48' 20" E	803.68
T3	S 63° 28' 47" E	808.72
T4	S 03° 31' 03" E	448.88
T5	S 15° 21' 22" W	338.80
T6	S 18° 03' 11" E	2340.71
T7	S 23° 50' 40" W	838.97
T8	S 02° 25' 24" W	1430.58
T9	S 38° 10' 30" E	441.88
T10	S 03° 23' 20" E	887.51
T11	S 18° 34' 13" W	888.03
T12	S 22° 33' 15" E	772.82
T13	S 38° 22' 28" W	847.83
T14	S 48° 58' 23" W	1895.88
T15	S 12° 29' 14" W	622.50
T16	S 84° 54' 53" W	4742.84
T17	S 28° 08' 08" E	1488.23
T18	S 35° 09' 39" E	1173.18

**LAND OWNERSHIP SCHEDULE**

- BUREAU OF LAND MANAGEMENT
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**NOTES**

- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
- RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTER LINE, EXCEPT AS NOTED.

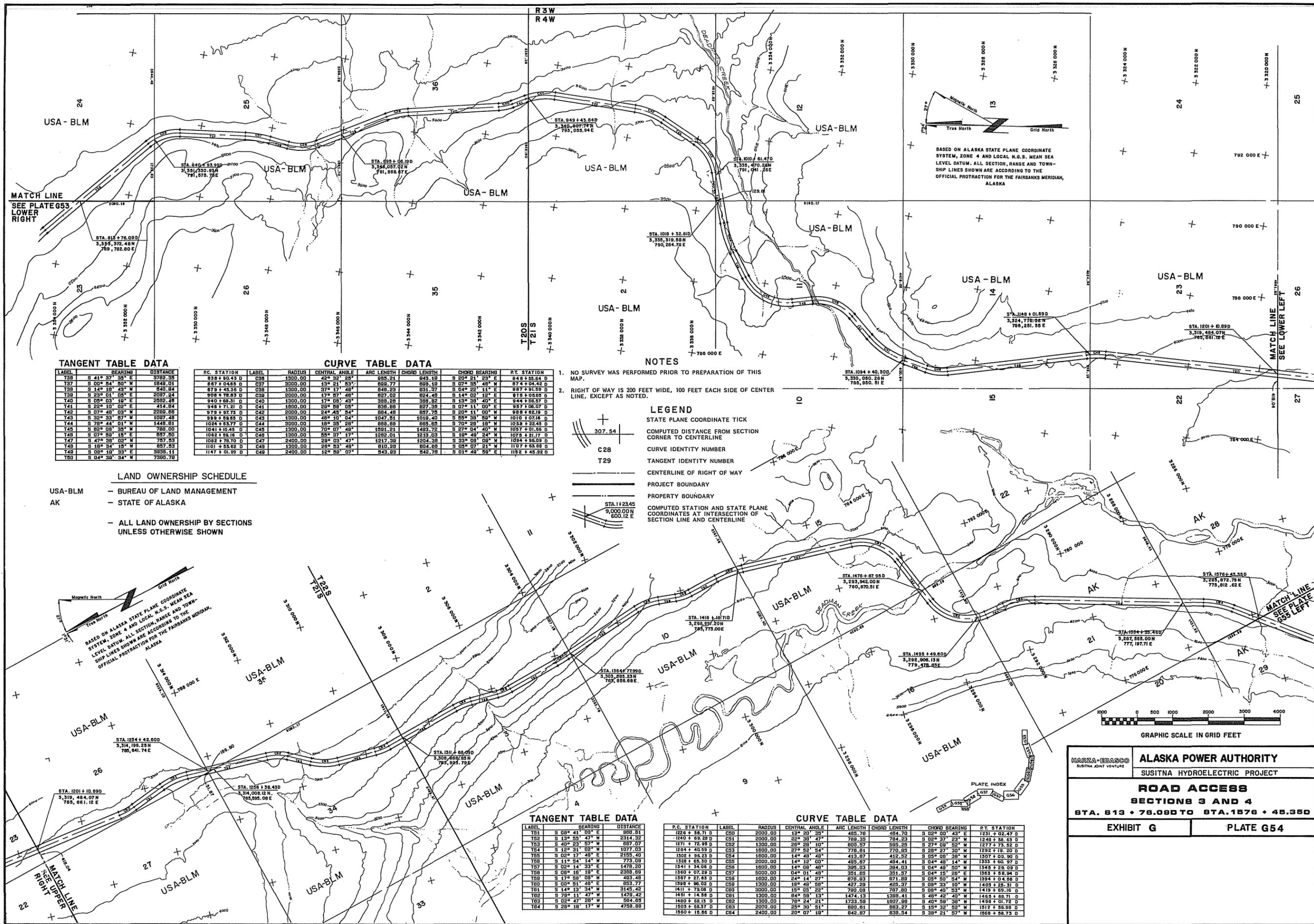
**LEGEND**

- STATE PLANE COORDINATE TICK
- COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE
- CURVE IDENTITY NUMBER
- TANGENT IDENTITY NUMBER
- CENTERLINE OF RIGHT OF WAY
- PROJECT BOUNDARY
- PROPERTY BOUNDARY
- COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**ROAD ACCESS**  
SECTIONS 1 AND 2  
STA. 0 + 00.00 TO STA. 813 + 76.09

**EXHIBIT G**      **PLATE G53**



MATCH LINE  
SEE PLATE G53  
LOWER  
RIGHT

MATCH LINE  
SEE LOWER LEFT

**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T38	S 41° 37' 35" E	9782.35
T37	S 00° 54' 50" M	1848.01
T36	S 14° 28' 43" M	540.84
T35	S 23° 01' 05" E	2087.24
T40	S 05° 03' 19" E	2882.48
T41	S 22° 10' 02" E	414.84
T42	S 07° 48' 03" M	2288.88
T43	S 32° 33' 07" M	1087.48
T44	S 78° 44' 01" M	1448.01
T45	S 82° 08' 33" M	783.03
T46	S 07° 58' 15" E	857.50
T47	S 47° 38' 02" M	787.53
T48	S 18° 34' 15" M	887.53
T49	S 08° 18' 33" E	3883.11
T50	S 04° 38' 34" M	7880.78

**CURVE TABLE DATA**

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
856 + 90.43	C38	1300.00	42° 32' 25"	685.21	843.19	S 20° 21' 23" E	848 + 55.64
867 + 04.69	C37	3000.00	15° 21' 53"	889.77	889.19	S 07° 35' 48" M	874 + 04.42
873 + 45.16	C36	1300.00	37° 17' 49"	848.23	851.57	S 04° 22' 11" E	887 + 81.39
908 + 78.83	C35	2000.00	17° 57' 48"	627.02	624.48	S 14° 02' 15" E	915 + 01.89
940 + 88.31	C40	1300.00	17° 08' 43"	389.28	388.82	S 13° 38' 40" E	944 + 58.57
948 + 71.21	C41	1800.00	28° 08' 05"	639.88	627.38	S 07° 11' 00" E	957 + 08.07
979 + 97.73	C42	2000.00	24° 43' 24"	854.48	857.75	S 20° 11' 00" M	988 + 82.19
989 + 58.63	C43	1300.00	48° 10' 04"	1047.81	1019.40	S 53° 38' 08" M	1010 + 07.18
1024 + 53.77	C44	3000.00	18° 35' 28"	889.88	889.63	S 70° 25' 18" M	1033 + 22.45
1041 + 10.43	C45	1300.00	70° 07' 49"	1591.24	1489.75	S 27° 04' 40" M	1057 + 01.68
1082 + 58.18	C46	1300.00	55° 37' 17"	1282.01	1219.03	S 18° 48' 24" M	1078 + 21.17
1082 + 78.70	C47	2400.00	28° 03' 47"	1217.38	1204.38	S 33° 09' 08" M	1094 + 36.09
1101 + 53.82	C48	1300.00	28° 53' 48"	810.28	804.88	S 03° 07' 21" M	1107 + 83.88
1147 + 51.99	C49	2400.00	12° 59' 07"	843.83	842.78	S 01° 48' 59" E	1152 + 43.88

**LAND OWNERSHIP SCHEDULE**

USA-BLM - BUREAU OF LAND MANAGEMENT  
AK - STATE OF ALASKA

- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**NOTES**

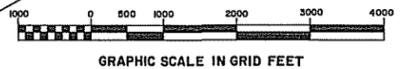
- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
- RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTER LINE, EXCEPT AS NOTED.

**LEGEND**

- STATE PLANE COORDINATE TICK
- COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE
- CURVE IDENTITY NUMBER
- TANGENT IDENTITY NUMBER
- CENTERLINE OF RIGHT OF WAY
- PROJECT BOUNDARY
- PROPERTY BOUNDARY
- COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE

Magnetic North  
True North  
Grid North

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTOR FOR THE FAIRBANKS MERIDIAN, ALASKA.



**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T51	S 08° 41' 00" E	888.81
T52	S 13° 55' 47" M	2314.32
T53	S 40° 23' 57" M	887.07
T54	S 42° 31' 05" M	1077.05
T55	S 02° 17' 48" E	2185.40
T56	S 11° 54' 14" M	779.09
T57	S 02° 14' 33" E	1478.20
T58	S 08° 18' 18" E	2388.88
T59	S 17° 58' 08" M	483.48
T60	S 00° 51' 48" E	853.77
T61	S 14° 13' 34" M	3145.42
T62	S 78° 11' 47" M	1478.42
T63	S 02° 47' 28" M	584.88
T64	S 28° 18' 17" M	4758.88

**CURVE TABLE DATA**

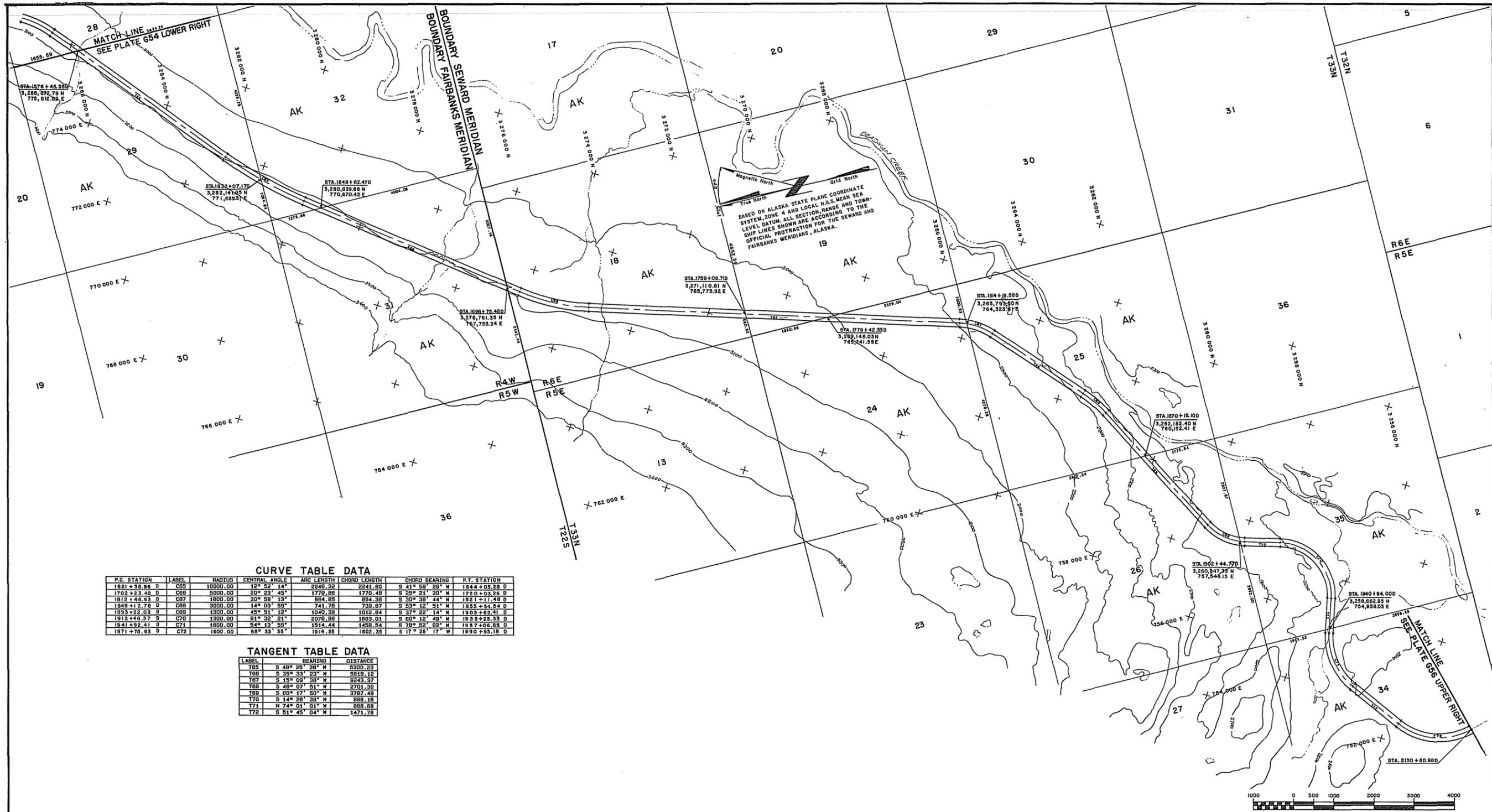
P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1226 + 58.71	C50	2000.00	13° 20' 35"	485.78	484.70	S 02° 00' 43" E	1231 + 02.47
1240 + 68.28	C51	2000.00	22° 38' 47"	788.35	784.23	S 02° 37' 23" M	1248 + 58.63
1271 + 72.95	C52	1300.00	28° 28' 10"	800.57	595.25	S 27° 09' 52" M	1277 + 75.82
1284 + 40.39	C53	1800.00	27° 53' 54"	778.81	770.85	S 28° 27' 30" M	1282 + 18.23
1302 + 96.23	C54	1800.00	14° 48' 48"	413.87	412.52	S 05° 05' 38" M	1307 + 09.90
1328 + 65.30	C55	2000.00	14° 12' 03"	485.87	484.41	S 04° 48' 14" M	1333 + 60.37
1341 + 34.68	C56	1800.00	14° 05' 40"	384.09	384.09	S 04° 48' 50" M	1346 + 28.09
1360 + 07.29	C57	5000.00	04° 01' 48"	351.85	351.57	S 04° 15' 28" E	1363 + 58.94
1387 + 27.83	C58	1800.00	24° 14' 27"	678.83	671.88	S 08° 50' 54" M	1394 + 04.88
1398 + 98.02	C59	1300.00	18° 48' 58"	427.28	425.37	S 08° 33' 10" M	1405 + 28.31
1411 + 13.08	C60	3000.00	15° 01' 22"	780.88	787.88	S 03° 40' 53" M	1419 + 69.16
1431 + 14.59	C61	1300.00	84° 58' 13"	1474.13	1388.41	S 48° 42' 40" M	1465 + 88.71
1480 + 88.13	C62	1300.00	78° 24' 21"	1733.58	1807.88	S 40° 58' 38" M	1498 + 01.72
1503 + 83.37	C63	2000.00	28° 30' 51"	889.81	883.27	S 18° 32' 52" M	1512 + 86.88
1550 + 18.88	C64	2400.00	20° 07' 18"	842.87	838.54	S 38° 21' 57" M	1568 + 88.73

**HARZA-EBASCO**  
SUSITNA JOINT VENTURE

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**ROAD ACCESS**  
SECTIONS 3 AND 4  
STA. 813 + 78.080 TO STA. 1878 + 45.350

**EXHIBIT G**      **PLATE G54**



**CURVE TABLE DATA**

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1821+58.85 D	C65	1000.00	12° 52' 14"	2249.32	2241.60	S 41° 59' 28" W	1844+03.28 D
1702+23.40 D	C68	5000.00	20° 23' 45"	1778.88	1770.48	S 25° 21' 30" W	1750+03.26 D
1812+46.63 D	C67	1800.00	30° 58' 13"	894.85	854.38	S 39° 38' 44" W	1821+11.48 D
1848+12.78 D	C68	3000.00	14° 09' 59"	741.78	739.87	S 53° 12' 51" W	1855+34.54 D
1893+22.03 D	C69	1300.00	48° 51' 12"	1040.38	1012.84	S 37° 22' 14" W	1903+42.41 D
1912+48.37 D	C70	1300.00	91° 32' 21"	2076.89	1883.01	S 80° 12' 49" W	1933+23.33 D
1941+32.41 D	C71	1800.00	84° 13' 55"	1514.44	1458.54	S 78° 52' 02" W	1957+06.85 D
1971+78.63 D	C72	1800.00	88° 33' 36"	1914.33	1802.35	S 17° 28' 17" W	1990+93.18 D

**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T65	S 48° 25' 38" W	3300.23
T66	S 39° 33' 23" W	5919.12
T67	S 18° 09' 38" W	8243.37
T68	S 48° 07' 51" W	2701.30
T69	S 80° 17' 50" W	3787.48
T70	S 14° 28' 38" W	888.18
T71	N 74° 01' 01" W	888.88
T72	S 51° 45' 04" W	1471.78

**LAND OWNERSHIP SCHEDULE**

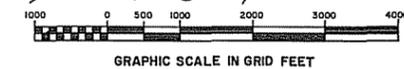
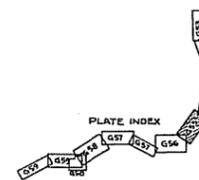
AK - STATE OF ALASKA  
 - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**NOTES**

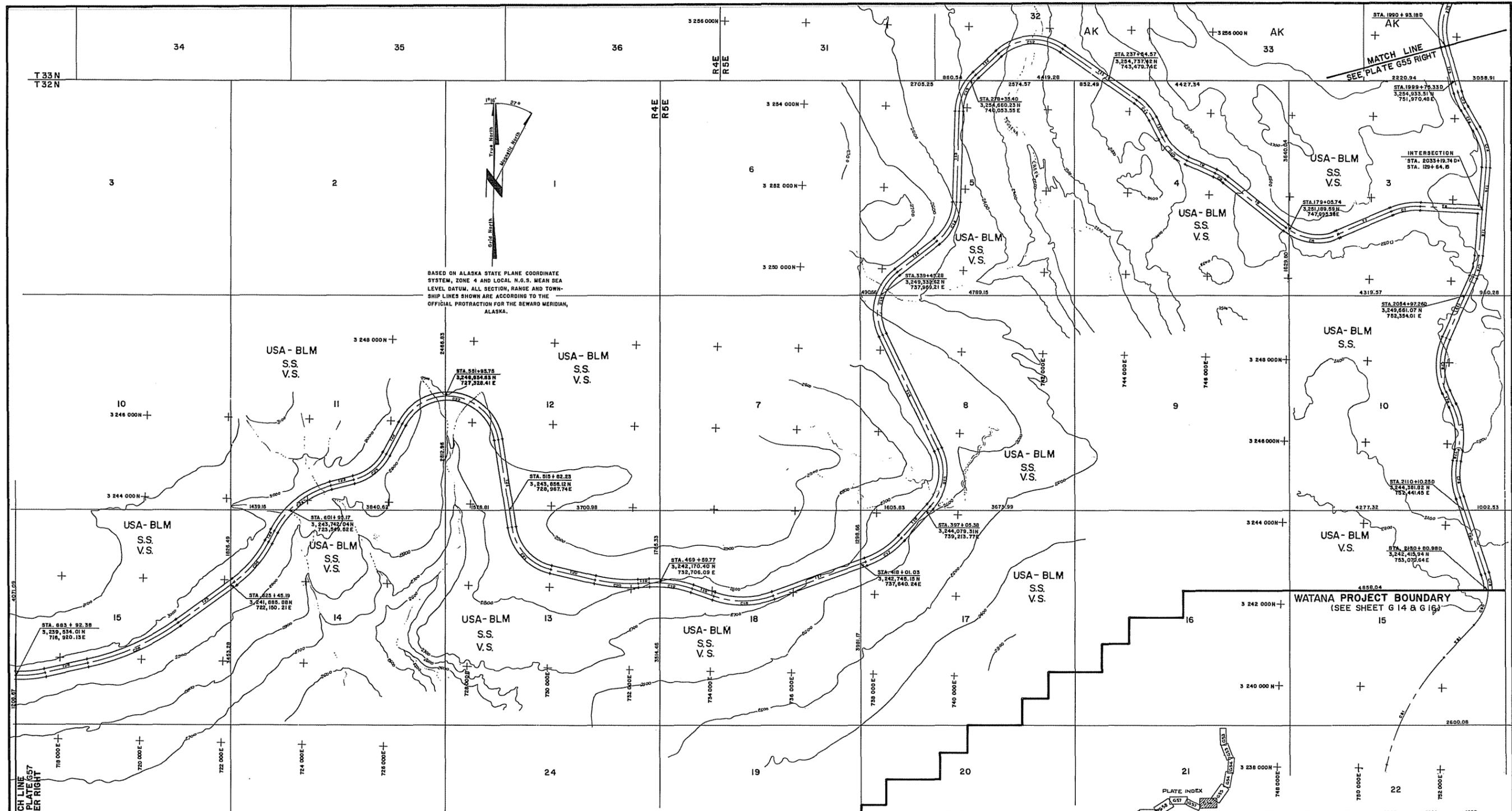
- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
- RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTERLINE, EXCEPT AS NOTED.

**LEGEND**

- STATE PLANE COORDINATE TICK
- COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE
- CURVE IDENTITY NUMBER
- TANGENT IDENTITY NUMBER
- CENTERLINE OF RIGHT OF WAY
- PROJECT BOUNDARY
- PROPERTY BOUNDARY
- COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE



<b>HARZA-EDASCO</b> <small>SUSTITNA JOINT VENTURE</small>		<b>ALASKA POWER AUTHORITY</b>	
SUSITNA HYDROELECTRIC PROJECT			
<b>ROAD ACCESS</b>			
<b>SECTION 5</b>			
STA. 1878 + 45.35D TO STA. 2130 + 80.89D			
<b>EXHIBIT G</b>		<b>PLATE G55</b>	



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.

MATCH LINE SEE PLATE G57 LOWER RIGHT

MATCH LINE SEE PLATE G55 RIGHT

- NOTES**
- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
  - RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTER LINE, EXCEPT AS NOTED.

**LAND OWNERSHIP SCHEDULE**

USA-BLM — BUREAU OF LAND MANAGEMENT  
 AK — STATE OF ALASKA  
 S.S. — STATE SELECTION  
 V.S. — COOK INLET REGION, INC. VILLAGE SELECTION  
 — ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**LEGEND**

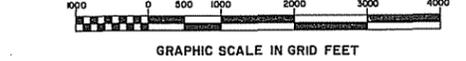
STATE PLANE COORDINATE TICK  
 COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE  
 CURVE IDENTITY NUMBER  
 TANGENT IDENTITY NUMBER  
 CENTERLINE OF RIGHT OF WAY  
 PROJECT BOUNDARY  
 PROPERTY BOUNDARY  
 COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE

**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T73	S 18° 48' 31" E	1180.46
T74	S 32° 16' 42" E	564.58
T75	S 03° 14' 43" W	1037.45
T76	S 03° 14' 43" W	1134.89
T77	S 23° 32' 44" W	1841.21
T78	S 25° 59' 06" E	387.50
T79	S 07° 57' 03" W	272.77
T80	S 19° 41' 08" E	1869.60
T81	S 41° 54' 21" W	1085.88
T8	N 88° 15' 35" W	1925.20
T7	S 88° 38' 03" W	1423.13
T6	N 53° 14' 02" W	1817.05
T5	N 88° 53' 44" W	785.05
T10	N 28° 41' 03" W	511.84
T11	N 58° 27' 00" W	2204.23
T12	S 45° 30' 34" W	781.82
T13	S 06° 18' 48" W	2239.38
T14	S 50° 48' 12" W	1228.38
T15	S 27° 13' 00" E	3123.14
T16	S 40° 30' 54" W	1039.37
T17	S 88° 48' 05" W	2423.20
T18	N 72° 22' 51" W	582.81
T19	S 05° 42' 28" W	274.87
T20	N 78° 18' 11" W	1114.81
T21	N 16° 08' 23" W	2179.72
T22	S 28° 20' 44" W	838.88
T23	S 74° 14' 41" W	479.53
T24	S 28° 09' 08" W	304.77
T25	S 52° 48' 50" W	1715.22
T26	S 78° 08' 01" W	1075.13

**CURVE TABLE DATA**

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1971+78.63	D	1600.00	81° 33' 35"	1814.55	1802.39	S 17° 20' 17" N	1990+33.18
2002+73.64	D	1600.00	15° 28' 18"	432.04	430.73	S 24° 32' 39" E	2007+05.68
2012+90.24	D	1600.00	35° 31' 30"	892.09	878.23	S 14° 31' 02" E	2022+82.29
2044+34.43	D	1600.00	18° 38' 00"	548.27	545.58	S 13° 03' 44" W	2030+02.70
2066+43.91	D	1600.00	48° 50' 49"	1384.07	1323.13	S 01° 32' 41" E	2080+07.98
2083+75.48	D	1600.00	33° 55' 09"	1124.80	1108.45	S 09° 00' 31" E	2095+00.28
2097+73.05	D	1600.00	27° 38' 11"	918.48	907.60	S 05° 58' 02" E	2106+89.51
2126+59.11	D	1283.00	18° 08' 17"	421.87	415.91	S 10° 08' 59" E	2130+80.98
2130+80.38	D	1283.00	42° 27' 12"	935.82	914.58	S 20° 40' 45" N	2140+16.80
2151+02.68	D	5700.00	30° 23' 27"	3023.39	2998.08	S 28° 42' 38" N	2181+26.07
144+89.35	C7	1600.00	38° 08' 24"	722.72	722.72	N 47° 11' 14" W	152+18.36
166+41.69	C8	1283.00	81° 07' 54"	1347.58	1284.54	N 85° 48' 00" W	179+59.05
199+06.10	C9	1283.00	13° 38' 41"	301.15	300.43	N 80° 03' 53" N	202+07.25
209+67.90	C10	1283.00	38° 12' 40"	842.31	828.78	N 47° 47' 24" W	218+10.21
234+22.15	C11	1283.00	27° 45' 57"	612.05	608.08	N 42° 31' 02" W	229+34.20
251+38.43	C12	1283.00	77° 38' 28"	1710.74	1592.93	S 84° 44' 47" W	284+49.17
276+30.79	C13	1283.00	48° 37' 45"	1005.83	978.48	S 23° 07' 41" W	285+36.82
308+73.00	C14	1283.00	60° 28' 24"	1112.89	1077.31	S 25° 33' 30" W	319+88.98
332+14.67	C15	1283.00	70° 01' 53"	1719.84	1592.01	S 11° 47' 38" W	392+34.51
380+57.55	C16	1283.00	88° 03' 54"	1500.38	1413.71	S 08° 48' 57" W	395+58.04
405+97.41	C17	2200.00	27° 55' 10"	1072.04	1081.48	S 54° 48' 28" W	416+89.45
440+92.65	C18	2200.00	38° 51' 04"	1491.78	1483.38	S 88° 11' 37" W	455+84.43
461+97.54	C18	2800.00	21° 54' 40"	1070.78	1084.27	N 83° 20' 11" W	472+18.02
474+92.89	C20	3800.00	18° 59' 21"	1080.43	1057.00	N 89° 17' 51" W	485+53.32
496+68.23	C21	1283.00	88° 09' 47"	1502.88	1415.50	N 44° 18' 17" W	511+70.79
533+60.51	C22	1283.00	143° 30' 53"	2183.22	2388.18	N 81° 50' 50" W	553+14.23
573+82.89	C23	1283.00	47° 43' 57"	1052.19	1022.03	S 50° 12' 49" W	584+09.08
589+83.61	C24	2200.00	47° 55' 32"	1840.21	1767.03	S 50° 08' 55" W	609+23.82
611+28.59	C25	2800.00	28° 38' 41"	1302.82	1281.20	S 38° 28' 58" W	624+31.51
641+45.75	C26	8000.00	28° 19' 11"	2442.04	2428.22	S 84° 28' 28" W	665+88.77



**ALASKA POWER AUTHORITY**  
 SUSITNA JOINT VENTURE

**SUSITNA HYDROELECTRIC PROJECT**

**ROAD ACCESS SECTION 6**  
 STA. 1990 + 93.18 TO STA. 2130 + 80.98  
 STA. 129 + 84.18 TO STA. 683 + 92.38

**EXHIBIT G**      **PLATE G56**

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1059+04.39	C39	1283.00	51° 06' 05"	1128.48	1088.40	N 67° 12' 09" W	1070+30.05
1078+05.68	C40	1283.00	23° 37' 00"	520.85	518.67	N 80° 58' 37" W	1083+24.33
1104+37.64	C41	1283.00	33° 33' 00"	739.57	729.05	N 65° 54' 34" W	1111+37.21
1133+55.18	C42	1283.00	89° 38' 48"	1402.25	1331.33	N 70° 52' 41" W	1137+34.40
1140+32.12	C43	1283.00	28° 40' 02"	585.79	581.07	N 51° 54' 19" W	1145+37.91
1153+08.45	C44	2200.00	13° 27' 05"	516.50	515.31	N 58° 00' 47" W	1168+21.95
1171+28.21	C45	1283.00	37° 38' 18"	829.89	814.84	N 70° 05' 23" W	1184+28.89
1202+51.72	C46	1283.00	04° 38' 01"	485.23	485.10	S 88° 49' 27" W	1207+36.39
1211+82.82	C47	8000.00	04° 08' 04"	432.88	432.87	S 84° 22' 25" W	1216+25.78
1221+80.72	C48	8000.00	04° 37' 04"	483.58	483.45	S 78° 59' 51" W	1226+64.30
1232+81.49	C49	8000.00	07° 21' 38"	770.80	770.27	S 74° 03' 20" W	1240+53.25
1249+05.51	C50	4000.00	10° 28' 14"	730.88	728.88	S 95° 05' 34" W	1256+36.49
1270+61.55	C51	3000.00	08° 43' 05"	456.47	456.03	S 95° 29' 54" W	1278+18.02
1277+05.65	C52	3000.00	08° 33' 28"	500.41	488.83	S 48° 21' 38" W	1282+10.06
1291+59.07	C53	3200.00	15° 28' 55"	594.47	592.88	S 48° 19' 24" W	1297+33.54
1345+08.62	C54	2000.00	14° 58' 07"	521.34	518.87	S 48° 35' 48" W	1350+29.96
1363+72.82	C55	2000.00	13° 37' 48"	475.76	474.84	S 48° 58' 37" W	1368+46.58
1382+04.51	C56	1283.00	47° 11' 05"	1040.14	1011.03	S 78° 21' 05" W	1392+44.45
1400+30.50	C57	1298.77	85° 58' 28"	1903.92	1737.87	S 60° 07' 83" W	1415+34.02
1423+22.61	C58	3000.00	08° 34' 37"	448.09	448.67	S 23° 15' 30" W	1427+71.70
1461+02.28	C59	1300.00	38° 27' 57"	872.78	858.47	S 48° 48' 47" W	1469+76.04

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.

TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T38	N 41° 30' 07" W	813.77
T40	S 87° 14' 48" W	772.93
T41	N 88° 08' 03" W	2133.31
T42	S 77° 18' 58" W	1154.84
T43	N 58° 04' 18" W	277.72
T44	N 84° 44' 20" W	1707.54
T45	N 51° 17' 14" W	777.28
T46	N 88° 55' 32" W	1822.83
T47	S 82° 28' 27" W	453.87
T48	S 77° 41' 18" W	818.19
T50	S 70° 19' 41" W	4759.08
T51	S 58° 51' 27" W	1425.06
T52	S 51° 08' 22" W	181.63
T53	S 41° 34' 58" W	849.01
T54	S 37° 03' 52" W	4759.08
T55	S 42° 07' 44" W	1342.88
T56	S 55° 45' 30" W	1355.73
T57	N 77° 03' 21" W	788.05
T58	S 10° 58' 11" W	404.14
T59	S 27° 32' 48" W	3331.58

NOTES

- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
- RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTER LINE, EXCEPT AS NOTED.

LEGEND

- STATE PLANE COORDINATE TICK
- COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE
- C28 CURVE IDENTITY NUMBER
- T29 TANGENT IDENTITY NUMBER
- CENTERLINE OF RIGHT OF WAY
- PROJECT BOUNDARY
- PROPERTY BOUNDARY
- COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE

LAND OWNERSHIP SCHEDULE

- USA-BLM - BUREAU OF LAND MANAGEMENT
- AK - STATE OF ALASKA
- V.S. - COOK INLET REGION INC.-VILLAGE SECTION
- S.S. - STATE SELECTION
- ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

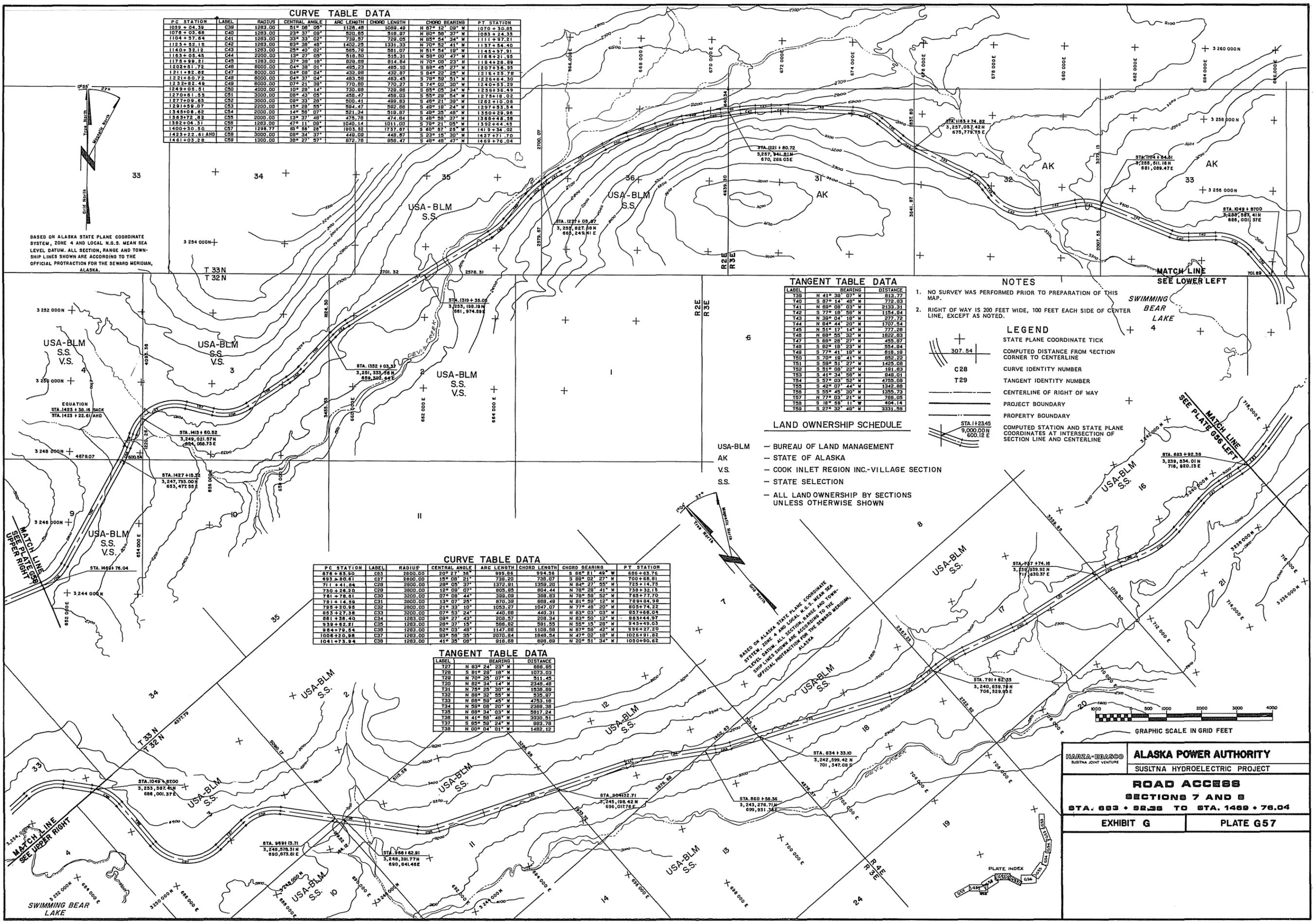
CURVE TABLE DATA

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
676+83.30	C63	2800.00	20° 27' 35"	999.86	994.58	S 86° 21' 48" W	686+63.76
693+30.81	C27	2800.00	18° 08' 21"	738.20	738.07	S 88° 02' 27" W	700+68.81
711+41.84	C28	2800.00	28° 05' 37"	1372.93	1359.20	N 84° 27' 35" W	725+14.79
730+28.93	C29	3800.00	12° 08' 07"	1005.93	1004.44	N 78° 20' 41" W	738+32.15
761+78.51	C30	3200.00	07° 08' 44"	399.09	398.83	N 78° 58' 52" W	765+77.70
781+14.59	C31	3800.00	13° 07' 25"	870.39	868.49	N 81° 58' 12" W	789+84.98
795+20.95	C32	2800.00	21° 33' 10"	1052.27	1047.07	N 77° 48' 20" W	805+74.22
813+27.38	C33	3200.00	07° 53' 24"	440.88	440.31	N 85° 03' 03" W	817+68.04
861+38.40	C34	1283.00	08° 27' 43"	208.57	208.34	N 83° 50' 12" W	863+44.97
939+82.21	C35	1283.00	28° 37' 15"	388.82	381.85	N 55° 15' 28" W	943+99.03
984+79.54	C36	1283.00	82° 03' 48"	1147.08	1108.88	N 87° 58' 42" W	993+27.20
1008+22.98	C37	1283.00	93° 58' 35"	2070.84	1848.54	N 47° 02' 18" W	1026+91.82
1041+73.94	C38	1283.00	41° 35' 08"	918.68	888.89	N 20° 51' 34" W	1050+90.82

TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T27	N 63° 24' 23" W	888.85
T28	S 81° 29' 18" W	1073.03
T29	N 70° 29' 07" W	511.45
T30	N 82° 34' 14" W	2349.49
T31	N 75° 25' 30" W	1528.89
T32	N 88° 32' 55" W	535.97
T33	N 88° 29' 25" W	4753.18
T34	N 85° 08' 20" W	2389.38
T35	N 88° 34' 03" W	5817.24
T36	N 41° 50' 48" W	3930.51
T37	S 85° 58' 11" W	893.78
T38	N 00° 04' 51" W	1482.12

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.



**HARZA-EDASCO**  
SUSITNA JOINT VENTURE

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**ROAD ACCESS**  
SECTIONS 7 AND 8  
STA. 683 + 82.38 TO STA. 1469 + 76.04

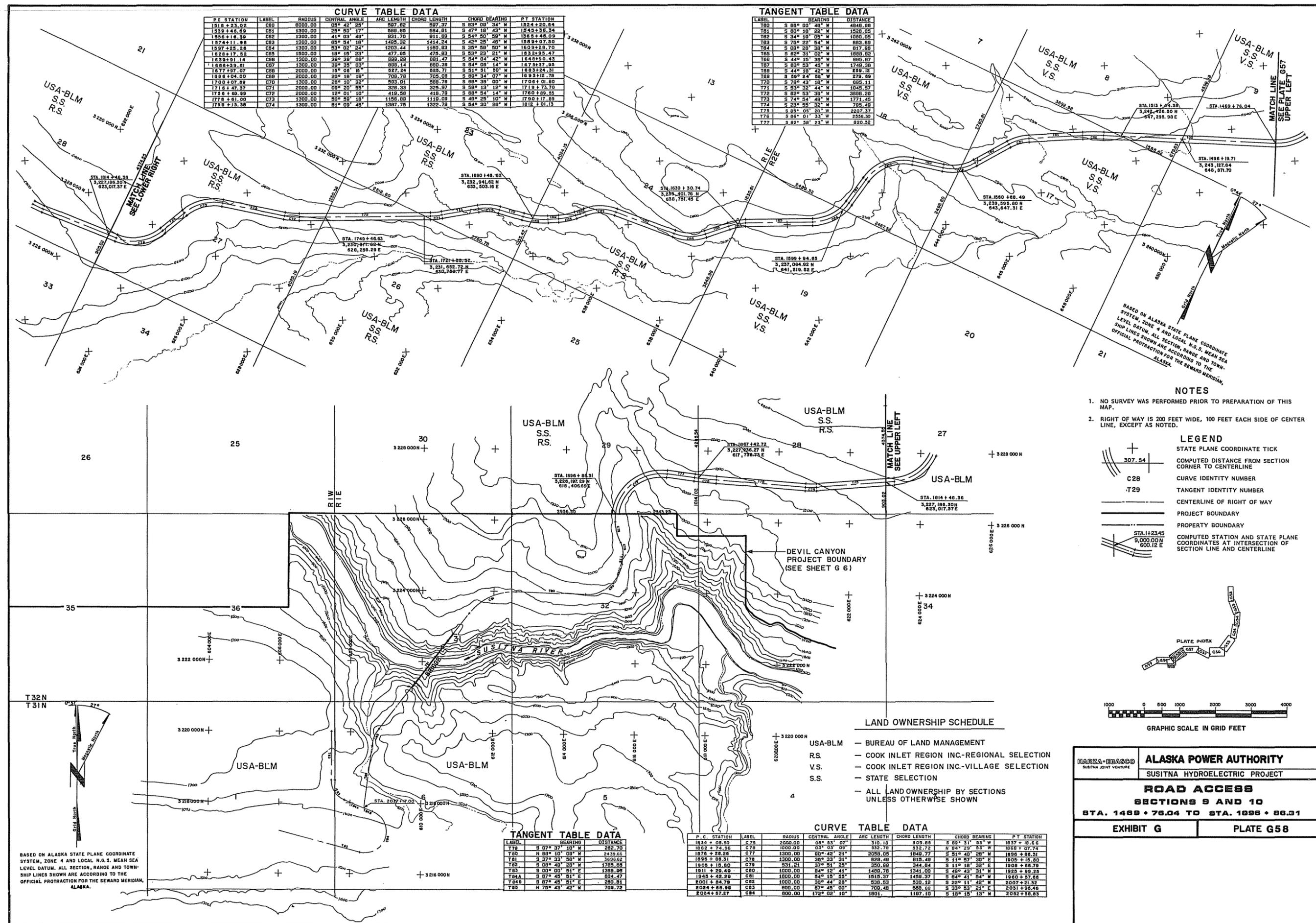
**EXHIBIT G**      **PLATE G57**

### CURVE TABLE DATA

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1518 + 23.02	C60	8000.00	05° 42' 25"	897.82	897.37	S 89° 08' 34" W	1824 + 20.84
1535 + 48.59	C61	1300.00	26° 59' 17"	359.85	594.61	S 47° 18' 43" W	1543 + 36.34
1536 + 18.39	C62	1300.00	41° 03' 48"	531.70	914.80	S 54° 50' 59" W	1568 + 48.09
1574 + 11.98	C63	1300.00	65° 54' 18"	1495.32	1414.24	S 42° 25' 46" W	1589 + 07.30
1597 + 25.26	C64	1300.00	53° 02' 24"	1293.44	1180.83	S 35° 58' 50" W	1609 + 28.70
1628 + 17.82	C65	1500.00	18° 15' 23"	477.85	475.93	S 83° 23' 21" W	1632 + 39.47
1639 + 51.14	C66	1300.00	38° 38' 08"	899.28	891.47	S 84° 04' 42" W	1648 + 9.43
1666 + 39.81	C67	1300.00	38° 35' 03"	899.14	880.38	S 84° 08' 14" W	1675 + 37.95
1677 + 97.07	C68	2000.00	18° 08' 18"	527.24	566.71	S 51° 51' 50" W	1683 + 24.31
1688 + 04.00	C69	2000.00	20° 18' 18"	708.78	705.08	S 89° 34' 07" W	1693 + 12.78
1700 + 07.89	C70	1300.00	28° 10' 32"	593.91	588.78	S 88° 38' 00" W	1706 + 01.80
1716 + 47.37	C71	2000.00	08° 20' 55"	326.33	325.97	S 88° 13' 12" W	1718 + 73.70
1736 + 59.89	C72	2000.00	18° 01' 10"	419.58	418.78	S 89° 56' 14" W	1740 + 89.35
1778 + 61.00	C73	1300.00	50° 58' 18"	1156.88	1118.08	S 48° 25' 10" W	1790 + 17.89
1790 + 13.39	C74	1300.00	81° 08' 48"	1387.75	1322.78	S 54° 30' 28" W	1812 + 01.13

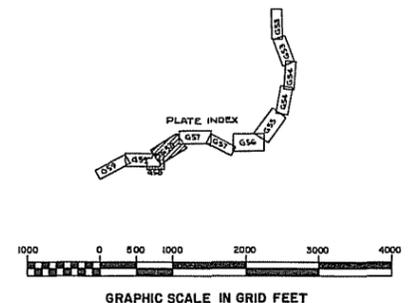
### TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T60	S 88° 00' 48" W	4848.88
T61	S 80° 18' 22" W	1528.05
T62	S 34° 18' 05" W	1090.05
T63	S 75° 22' 54" W	883.88
T64	S 08° 28' 38" W	817.98
T65	S 62° 31' 02" W	1699.88
T66	S 44° 15' 35" W	895.97
T67	S 83° 53' 45" W	1749.38
T68	S 44° 18' 42" W	849.12
T69	S 93° 24' 58" W	378.89
T70	S 78° 43' 18" W	895.11
T71	S 53° 32' 44" W	1045.57
T72	S 62° 53' 28" W	3999.28
T73	S 74° 54' 49" W	1771.40
T74	S 23° 55' 32" W	785.48
T75	S 85° 05' 30" W	2407.37
T76	S 85° 01' 31" W	2356.30
T77	S 82° 38' 23" W	820.52



- ### NOTES
- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
  - RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTER LINE, EXCEPT AS NOTED.

- ### LEGEND
- STATE PLANE COORDINATE TICK
  - COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE
  - C28 CURVE IDENTITY NUMBER
  - T29 TANGENT IDENTITY NUMBER
  - CENTERLINE OF RIGHT OF WAY
  - PROJECT BOUNDARY
  - PROPERTY BOUNDARY
  - COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE



### LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
R.S.	— COOK INLET REGION INC.-REGIONAL SELECTION
V.S.	— COOK INLET REGION INC.-VILLAGE SELECTION
S.S.	— STATE SELECTION
	— ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

### TANGENT TABLE DATA

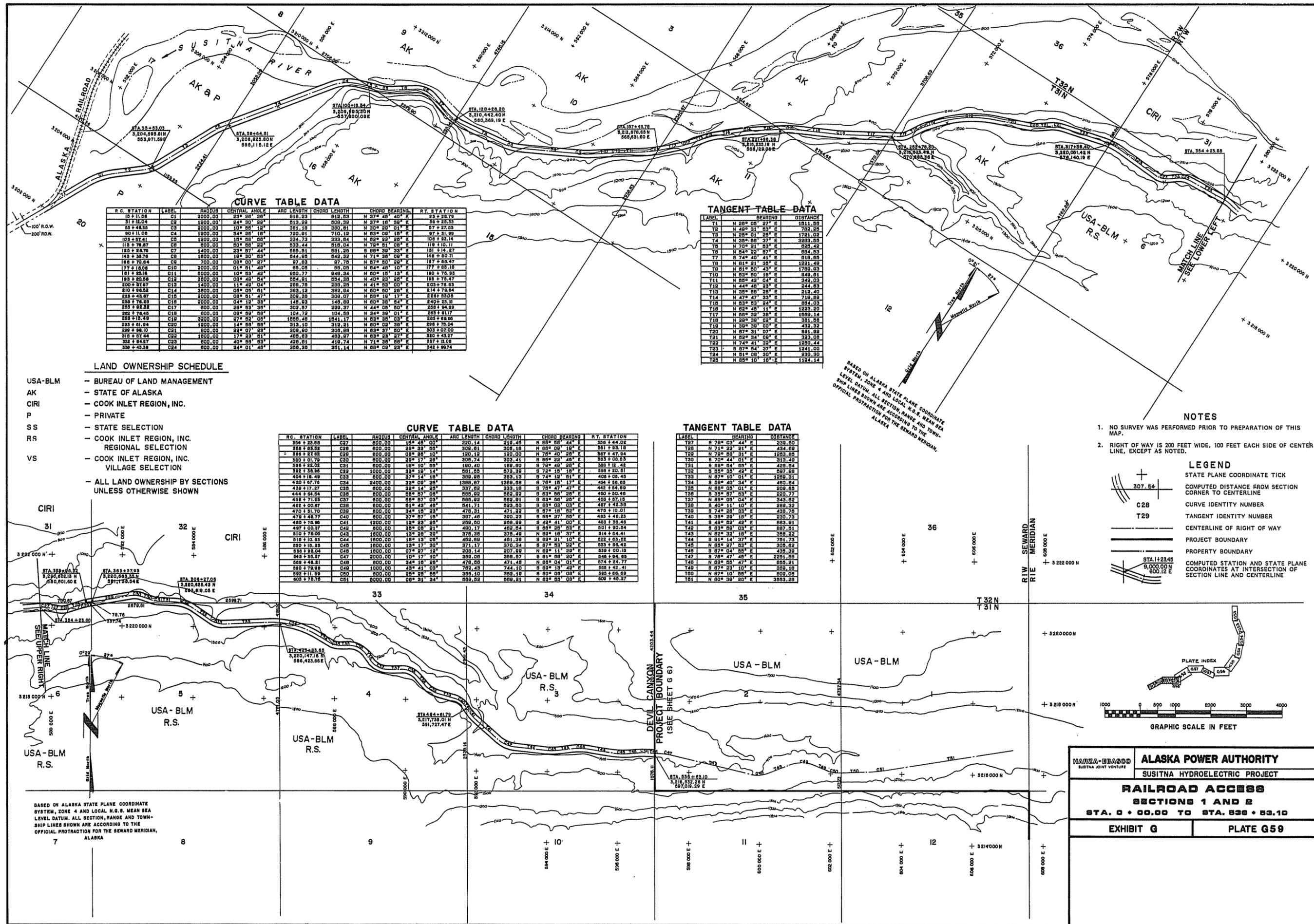
LABEL	BEARING	DISTANCE
T79	S 07° 37' 10" W	282.70
T80	N 88° 10' 08" W	2439.66
T81	S 33° 33' 28" W	3696.62
T82	S 08° 48' 28" W	1785.88
T83	S 00° 00' 51" E	1389.98
T84	S 87° 49' 51" E	834.47
T85	S 07° 48' 51" E	280.81
T86	N 75° 43' 42" W	708.72

### CURVE TABLE DATA

P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1834 + 08.50	C75	2000.00	05° 53' 07"	310.18	309.85	S 89° 31' 53" W	1837 + 18.66
1862 + 74.58	C76	1000.00	03° 03' 09"	532.78	532.72	N 84° 29' 53" W	1868 + 07.74
1878 + 28.68	C77	1300.00	80° 42' 21"	2059.05	1848.72	S 31° 40' 28" W	1898 + 86.31
1895 + 88.31	C78	1300.00	38° 53' 31"	859.48	815.48	S 11° 57' 30" E	1905 + 15.80
1905 + 18.80	C79	931.21	37° 51' 25"	350.89	344.84	S 11° 18' 32" E	1908 + 66.79
1911 + 29.49	C80	1000.00	84° 12' 41"	1489.78	1341.00	S 48° 43' 31" W	1925 + 09.25
1948 + 42.29	C81	1800.00	84° 13' 55"	1915.37	1459.37	S 64° 41' 54" W	1960 + 37.88
1961 + 84.79	C82	1000.00	30° 44' 28"	538.53	530.12	S 22° 11' 42" W	2007 + 21.92
1984 + 86.98	C83	800.00	87° 45' 00"	708.48	888.88	S 33° 53' 21" E	2031 + 96.46
2084 + 87.87	C84	800.00	172° 02' 10"	1801.48	1197.10	S 18° 15' 13" W	2052 + 88.85

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROJECTION FOR THE SEWARD MERIDIAN, ALASKA.

 MARZA-EBASCO SUBTNA JOINT VENTURE	<b>ALASKA POWER AUTHORITY</b> SUSITNA HYDROELECTRIC PROJECT
	<b>ROAD ACCESS</b> SECTIONS 9 AND 10 STA. 1468 + 78.04 TO STA. 1898 + 86.31
<b>EXHIBIT G</b>	<b>PLATE G58</b>



**CURVE TABLE DATA**

R.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
0 + 11.66	C1	2000.00	93° 28' 28"	819.23	819.53	N 27° 48' 40" E	33 + 23.79
31 + 12.04	C2	1800.00	94° 30' 28"	819.23	809.39	N 27° 18' 30" E	38 + 25.33
83 + 44.55	C3	2000.00	10° 05' 18"	391.18	389.81	N 30° 29' 01" E	87 + 27.03
93 + 11.58	C4	1200.00	34° 28' 18"	720.91	710.13	N 53° 03' 15" E	97 + 31.99
103 + 27.41	C5	1200.00	38° 08' 08"	734.73	733.84	N 52° 22' 25" E	106 + 32.14
113 + 76.87	C6	600.00	50° 06' 22"	533.44	518.04	N 78° 51' 08" E	119 + 10.11
123 + 28.76	C7	1400.00	23° 07' 44"	595.51	591.25	N 88° 38' 33" E	121 + 14.27
133 + 35.78	C8	1800.00	18° 30' 53"	544.85	542.32	N 71° 28' 08" E	146 + 50.71
153 + 70.84	C9	700.00	08° 00' 27"	27.75	27.75	N 67° 30' 20" E	157 + 68.47
177 + 16.08	C10	2000.00	01° 51' 48"	65.08	65.08	N 84° 48' 10" E	177 + 65.10
181 + 25.16	C11	800.00	10° 58' 42"	250.27	249.38	N 50° 13' 13" E	180 + 75.93
193 + 20.56	C12	2000.00	09° 48' 54"	554.35	554.35	N 40° 33' 25" E	193 + 75.47
200 + 87.87	C13	1400.00	11° 49' 04"	288.78	288.25	N 41° 53' 00" E	203 + 76.63
210 + 98.55	C14	3500.00	06° 05' 51"	393.12	392.84	N 50° 50' 26" E	214 + 79.84
213 + 43.87	C15	2000.00	08° 51' 47"	308.07	308.07	N 58° 18' 17" E	214 + 83.05
220 + 76.80	C16	2000.00	04° 12' 33"	148.63	148.63	N 80° 38' 54" E	240 + 23.18
225 + 28.28	C17	600.00	28° 53' 38"	302.87	299.37	N 44° 09' 50" E	228 + 94.89
228 + 76.45	C18	800.00	09° 59' 58"	104.72	104.58	N 34° 39' 01" E	228 + 91.17
230 + 15.49	C19	2000.00	27° 52' 04"	1241.17	1241.17	N 53° 28' 03" E	228 + 98.96
293 + 61.84	C20	1200.00	14° 58' 58"	313.10	312.21	N 60° 02' 39" E	228 + 78.04
296 + 98.10	C21	800.00	22° 07' 22"	309.60	308.88	N 53° 37' 50" E	203 + 07.00
310 + 31.44	C22	1800.00	17° 28' 51"	489.63	489.47	N 58° 23' 42" E	310 + 43.87
332 + 84.57	C23	600.00	40° 58' 52"	258.81	258.81	N 71° 28' 08" E	337 + 15.08
339 + 43.38	C24	600.00	34° 01' 48"	358.28	351.14	N 68° 09' 23" E	342 + 96.74

**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T1	N 28° 00' 27" E	1511.86
T2	N 48° 31' 53" E	782.25
T3	N 28° 01' 28" E	1721.02
T4	N 38° 59' 37" E	3293.85
T5	N 70° 21' 53" E	625.42
T6	N 84° 22' 57" E	694.83
T7	S 74° 40' 41" E	818.85
T8	N 61° 21' 35" E	1921.49
T9	N 61° 50' 43" E	1759.83
T10	N 83° 50' 18" E	849.81
T11	N 58° 42' 04" E	342.03
T12	N 44° 48' 23" E	244.83
T13	N 35° 28' 28" E	212.40
T14	N 47° 47' 33" E	719.89
T15	N 30° 38' 00" E	694.03
T16	N 62° 48' 11" E	1223.20
T17	N 58° 32' 38" E	1659.14
T18	N 28° 58' 00" E	383.56
T19	N 30° 38' 00" E	432.33
T20	N 87° 31' 07" E	681.89
T21	N 82° 34' 08" E	323.08
T22	N 74° 41' 32" E	1250.44
T23	S 67° 54' 37" E	1241.00
T24	N 51° 08' 30" E	230.30
T25	N 55° 10' 18" E	1124.14

- LAND OWNERSHIP SCHEDULE**
- USA-BLM - BUREAU OF LAND MANAGEMENT
  - AK - STATE OF ALASKA
  - CIRI - COOK INLET REGION, INC.
  - P - PRIVATE
  - SS - STATE SELECTION
  - RS - COOK INLET REGION, INC. REGIONAL SELECTION
  - VS - COOK INLET REGION, INC. VILLAGE SELECTION
  - ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

**CURVE TABLE DATA**

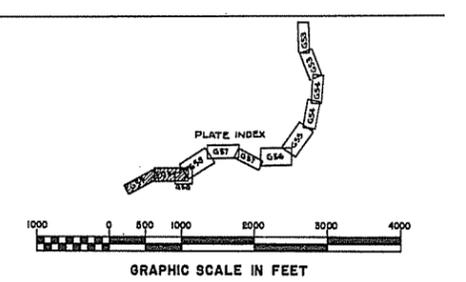
R.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
354 + 23.88	C27	600.00	15° 48' 00"	220.14	219.48	N 85° 58' 44" E	356 + 44.02
358 + 22.58	C28	600.00	28° 33' 05"	308.81	308.18	N 68° 09' 19" E	361 + 23.18
366 + 22.65	C29	600.00	06° 28' 10"	120.12	120.00	N 78° 40' 29" E	367 + 47.94
380 + 01.79	C30	600.00	29° 17' 28"	308.74	303.41	N 65° 22' 45" E	383 + 00.33
388 + 22.02	C31	600.00	08° 10' 55"	160.40	160.50	N 79° 40' 28" E	388 + 12.42
392 + 38.95	C32	1000.00	38° 19' 14"	681.65	673.38	N 72° 15' 18" E	398 + 10.51
404 + 16.49	C33	600.00	37° 14' 18"	398.86	389.13	N 74° 19' 51" E	408 + 08.45
420 + 07.70	C34	2400.00	33° 06' 21"	1269.67	1269.58	N 78° 18' 17" E	428 + 08.93
430 + 17.27	C35	600.00	38° 14' 20"	337.82	333.18	N 75° 47' 47" E	442 + 54.89
444 + 64.54	C36	600.00	58° 57' 08"	589.92	582.92	N 63° 08' 28" E	450 + 50.46
458 + 71.28	C37	600.00	08° 29' 03"	268.92	268.01	N 53° 08' 28" E	458 + 57.19
465 + 00.67	C38	600.00	51° 45' 47"	541.71	523.91	N 68° 03' 03" E	467 + 45.33
470 + 31.70	C39	600.00	34° 15' 23"	478.31	471.22	N 67° 18' 52" E	478 + 10.01
476 + 48.77	C40	600.00	37° 57' 18"	387.48	380.23	N 65° 37' 58" E	483 + 48.23
483 + 78.96	C41	1800.00	18° 23' 25"	258.00	258.00	N 44° 41' 00" E	483 + 38.48
497 + 00.37	C42	600.00	38° 08' 21"	489.17	482.54	N 66° 25' 53" E	501 + 90.24
510 + 76.05	C43	1800.00	13° 28' 38"	378.28	378.49	N 85° 18' 37" E	514 + 54.41
518 + 10.83	C44	1800.00	18° 13' 08"	492.89	491.39	N 89° 21' 10" E	522 + 25.25
530 + 18.89	C45	1800.00	18° 17' 30"	371.17	370.34	N 87° 53' 22" E	533 + 06.42
538 + 22.04	C46	1800.00	07° 27' 12"	208.14	207.59	N 85° 11' 29" E	539 + 00.18
548 + 35.57	C47	2000.00	10° 17' 10"	359.08	358.87	N 81° 08' 20" E	548 + 04.63
568 + 48.21	C48	600.00	24° 16' 28"	478.58	471.46	N 88° 04' 31" E	574 + 24.77
580 + 72.98	C49	1000.00	43° 41' 03"	786.43	744.10	N 69° 13' 48" E	588 + 42.41
592 + 11.59	C50	600.00	25° 29' 59"	325.10	322.19	N 80° 08' 08" E	588 + 66.69
603 + 78.75	C51	600.00	08° 31' 34"	289.52	289.21	N 83° 09' 08" E	608 + 45.87

**TANGENT TABLE DATA**

LABEL	BEARING	DISTANCE
T26	S 78° 03' 44" E	239.50
T27	N 71° 22' 21" E	434.69
T28	N 76° 59' 31" E	1253.85
T29	S 70° 44' 01" E	313.49
T30	N 88° 54' 55" E	428.54
T31	S 55° 35' 42" E	597.98
T32	N 87° 10' 01" E	1259.31
T33	S 58° 40' 34" E	450.54
T34	N 88° 09' 01" E	209.85
T35	N 35° 57' 53" E	220.77
T36	N 28° 08' 04" E	345.82
T37	N 40° 11' 10" E	487 + 45.33
T38	N 74° 28' 33" E	438.78
T39	N 38° 29' 18" E	230.73
T40	S 48° 22' 42" E	683.31
T41	N 25° 58' 03" E	887.91
T42	N 82° 32' 18" E	358.22
T43	N 81° 14' 37" E	751.73
T44	N 85° 27' 53" E	325.82
T45	S 87° 04' 55" E	428.39
T46	N 78° 47' 45" E	2291.88
T47	N 89° 55' 47" E	955.21
T48	N 87° 23' 10" E	368.18
T49	N 87° 10' 55" E	809.08
T50	N 60° 39' 20" E	3553.28

- NOTES**
- NO SURVEY WAS PERFORMED PRIOR TO PREPARATION OF THIS MAP.
  - RIGHT OF WAY IS 200 FEET WIDE, 100 FEET EACH SIDE OF CENTERLINE, EXCEPT AS NOTED.

- LEGEND**
- STATE PLANE COORDINATE TICK
  - COMPUTED DISTANCE FROM SECTION CORNER TO CENTERLINE
  - C28 CURVE IDENTITY NUMBER
  - T29 TANGENT IDENTITY NUMBER
  - CENTERLINE OF RIGHT OF WAY
  - PROJECT BOUNDARY
  - PROPERTY BOUNDARY
  - COMPUTED STATION AND STATE PLANE COORDINATES AT INTERSECTION OF SECTION LINE AND CENTERLINE



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL N.T.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA

**ALASKA POWER AUTHORITY**  
SUSITNA HYDROELECTRIC PROJECT

**RAILROAD ACCESS**  
SECTIONS 1 AND 2  
STA. 0 + 00.00 TO STA. 636 + 83.10

EXHIBIT G      PLATE G59

