

**Docket No. CP80-435**

**Exhibit Z-6.1**

**Hearing Exhibit No. \_\_\_\_\_**

**Alaska Natural Gas Transportation System  
Alaska Segment — 48" Natural Gas Pipeline  
(Prudhoe Bay To Canadian Border)**

ARLIS

OVR-HD  
TN  
880.51  
.A55  
O13  
1980

**SHIP**

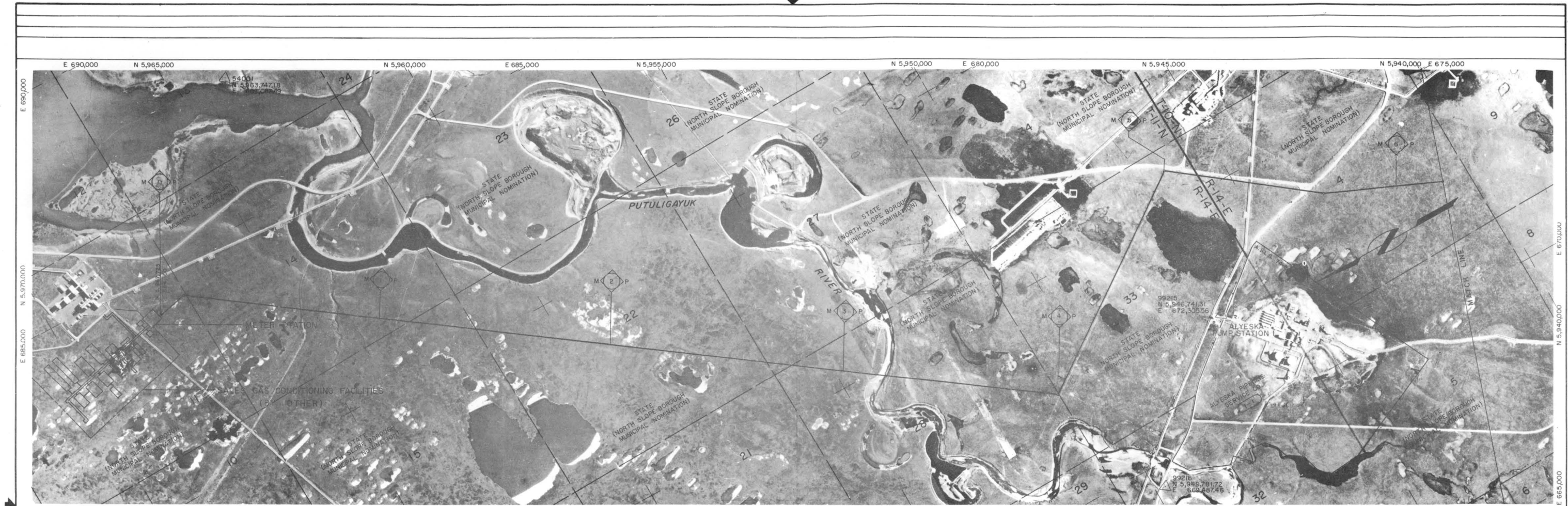
**Volume 1 (Revision 3)  
Drawing Sheets 1 Thru 131**

**ARLIS**

Alaska Resources  
Library & Information Services  
Anchorage, Alaska

**ALASKAN NORTHWEST NATURAL  
GAS TRANSPORTATION COMPANY**





FOOTAGE	32,700'
PARCEL NO.	
OWNERSHIP	STATE (NORTH SLOPE BOROUGH, MUNICIPAL NOMINATION)
REMARKS	

<b>LEGEND</b> — Surveyed township boundary --- Protracted township boundary — Surveyed section line or special survey --- Protracted section line — Surveyed section line superseded by special survey  --- Unsurveyed entry, mining claim or lease limit --- Parcel boundary + Lot corners and lot numbers + Protracted section number and corner where superseded by special survey + Parcel number	<b>REVISIONS</b> <table><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr><tr><td>1</td><td>8-20-89</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>2</td><td>11-1-89</td><td>NO CHANGE ISSUED FOR RECORD ONLY</td></tr></table>	NO.	DATE	DESCRIPTION	1	8-20-89	RELEASE FOR DOI ROW GRANT COMPLIANCE	2	11-1-89	NO CHANGE ISSUED FOR RECORD ONLY	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b> <b>48" NATURAL GAS PIPELINE OWNERSHIP</b> M.P. 0.0 TO M.P. 6.2 TOWNSHIP TIIN, TION MERIDIAN UMAT RANGE R14E <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> <table><tr><td>PHOTO APCG</td><td>DATE 1979</td><td>FLUOR</td><td>DATE 9/17/80</td></tr><tr><td colspan="2">SCALE IN FEET</td><td colspan="2">DRAWING NUMBER</td></tr><tr><td colspan="2">1" = 1000'</td><td colspan="2">4680-11-00-C-0-001</td></tr><tr><td colspan="2"></td><td colspan="2">REV 3</td></tr></table> DISTRIBUTION CODE	PHOTO APCG	DATE 1979	FLUOR	DATE 9/17/80	SCALE IN FEET		DRAWING NUMBER		1" = 1000'		4680-11-00-C-0-001				REV 3	
NO.	DATE	DESCRIPTION																										
1	8-20-89	RELEASE FOR DOI ROW GRANT COMPLIANCE																										
2	11-1-89	NO CHANGE ISSUED FOR RECORD ONLY																										
PHOTO APCG	DATE 1979	FLUOR	DATE 9/17/80																									
SCALE IN FEET		DRAWING NUMBER																										
1" = 1000'		4680-11-00-C-0-001																										
		REV 3																										





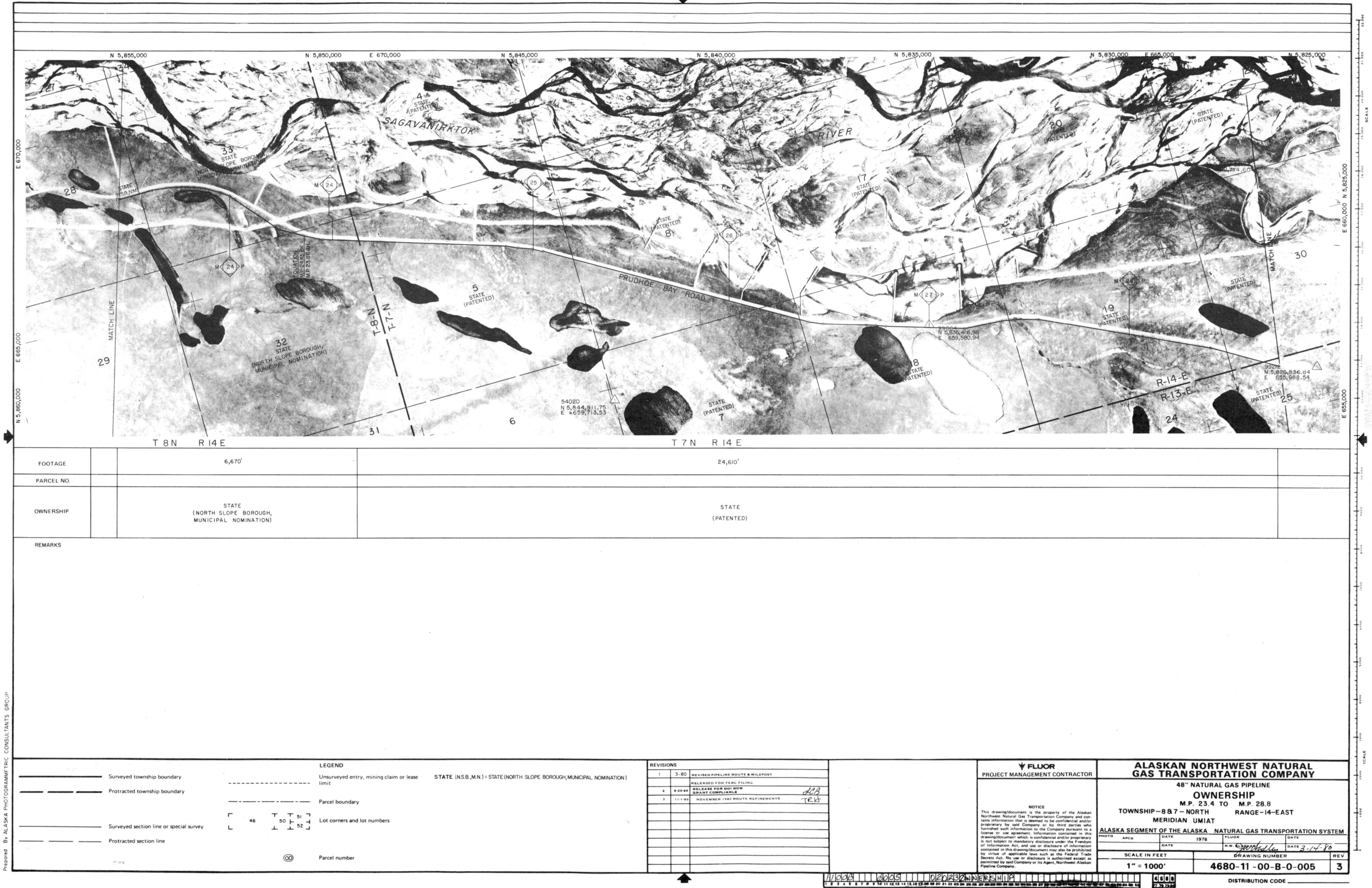












FOOTAGE	6,670'	24,610'
PARCEL NO.		
OWNERSHIP	STATE (NORTH SLOPE BOROUGH, MUNICIPAL NOMINATION)	STATE (PATENTED)
REMARKS		

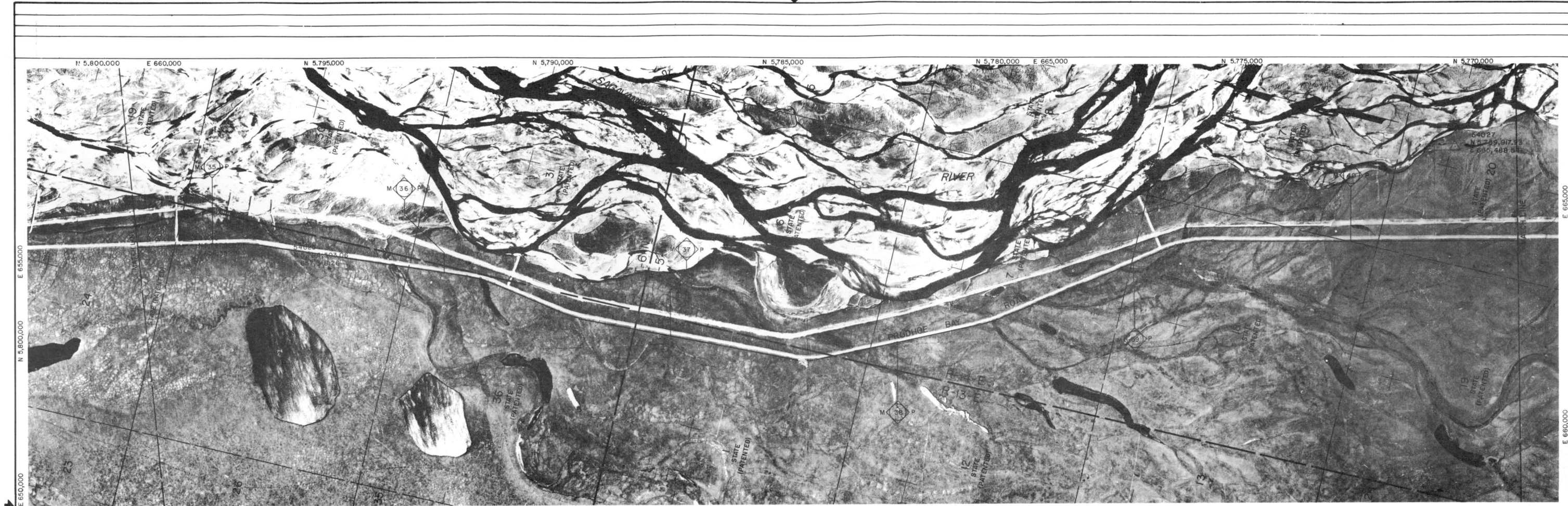
<b>LEGEND</b> — Surveyed township boundary - - - Protracted township boundary — Surveyed section line or special survey - - - Protracted section line  — Unserved entry, mining claim or lease limit — Parcel boundary [ 46 T 50 T 51 T 52 T ] Lot corners and lot numbers ⊙ Parcel number  STATE (N.S.B., M.N.) = STATE (NORTH SLOPE BOROUGH, MUNICIPAL NOMINATION)	<b>REVISIONS</b> <table><tr><td>1</td><td>3-80</td><td>REVISED PIPELINE ROUTE &amp; MILEPOST</td></tr><tr><td>2</td><td>4-20-80</td><td>RELEASE FOR PERC FILING</td></tr><tr><td>3</td><td>11-1-80</td><td>NOVEMBER 1980 ROUTE REFINEMENTS</td></tr></table>	1	3-80	REVISED PIPELINE ROUTE & MILEPOST	2	4-20-80	RELEASE FOR PERC FILING	3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b>  48" NATURAL GAS PIPELINE <b>OWNERSHIP</b> M.P. 23.4 TO M.P. 28.8 TOWNSHIP-8 & 7-NORTH RANGE-14-EAST MERIDIAN UMIAT <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> <table><tr><td>PHOTO</td><td>APCG</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td></tr><tr><td></td><td></td><td></td><td></td><td>N.W. ALASKA</td><td>DATE 3-14-80</td></tr></table> SCALE IN FEET 1" = 1000' DRAWING NUMBER 4680-11-00-B-0-005 REV 3 DISTRIBUTION CODE	PHOTO	APCG	DATE	1978	FLUOR	DATE					N.W. ALASKA	DATE 3-14-80
1	3-80	REVISED PIPELINE ROUTE & MILEPOST																						
2	4-20-80	RELEASE FOR PERC FILING																						
3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS																						
PHOTO	APCG	DATE	1978	FLUOR	DATE																			
				N.W. ALASKA	DATE 3-14-80																			







Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE	31,910'
PARCEL NO.	
OWNERSHIP	STATE (PATENTED)

REMARKS

LEGEND

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	4-20-80	RELEASED FOR PLAC FILING
3	1-1-80	NO CHANGE ISSUED FOR RECORD ONLY

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secrets Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 34.6 TO M.P. 40.7

TOWNSHIP-6 B 5-NORTH RANGE-14 B 13-EAST

MERIDIAN UMIAT

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-11-00-B-0-007

REV

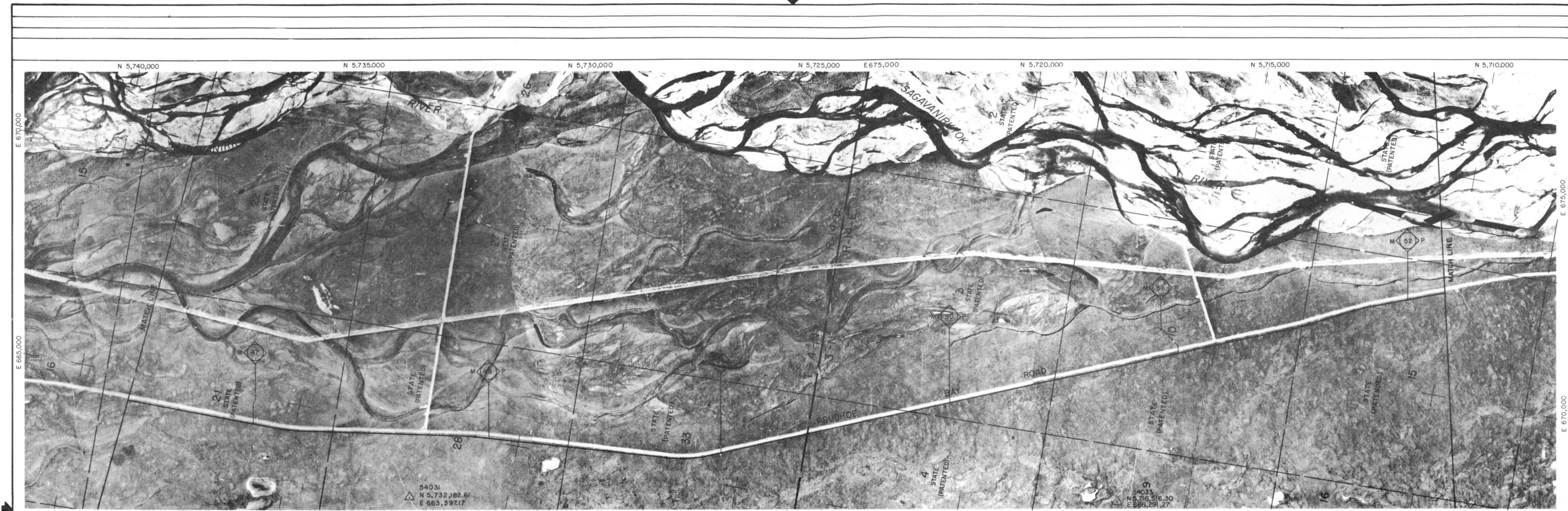
3

DISTRIBUTION CODE









FOOTAGE		30,160'
PARCEL NO.		
OWNERSHIP		STATE (PATENTED)

REMARKS

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

LEGEND

0.00

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-28-88	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
4	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 46.5 TO M.P. 52.2

TOWNSHIP - 4 & 3 - NORTH RANGE - 14 - EAST

MERIDIAN UMIAT

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-11-00-B-0-009

REV

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DISTRIBUTION CODE

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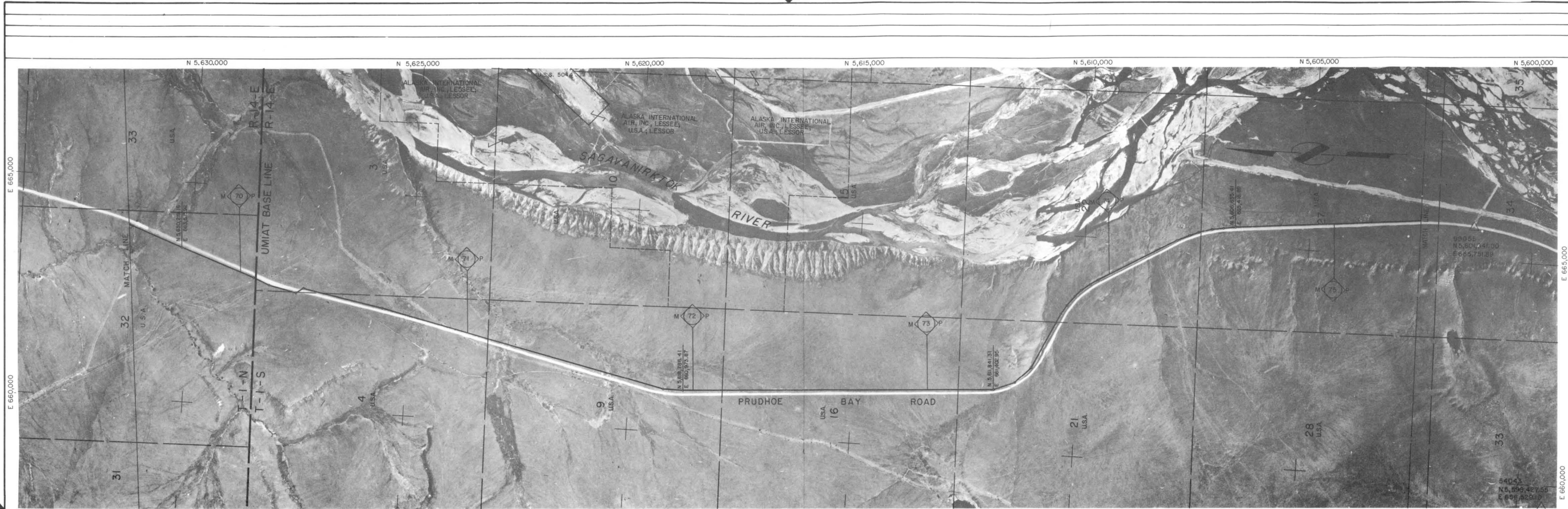












FOOTAGE	31,180'
PARCEL NO.	
OWNERSHIP	U.S.A.
REMARKS	

—	Surveyed township boundary
- - -	Protracted township boundary
—	Surveyed section line or special survey
- - -	Protracted section line
—	Unsurveyed entry, mining claim or lease limit
—	Parcel boundary
46 50 51 52	Lot corners and lot numbers
—	Parcel number

REVISIONS		
1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-80	RELEASED FOR FERC FILING
3	11-80	NO CHANGE ISSUED FOR RECORD ONLY
4		NO CHANGE ISSUED FOR RECORD ONLY
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**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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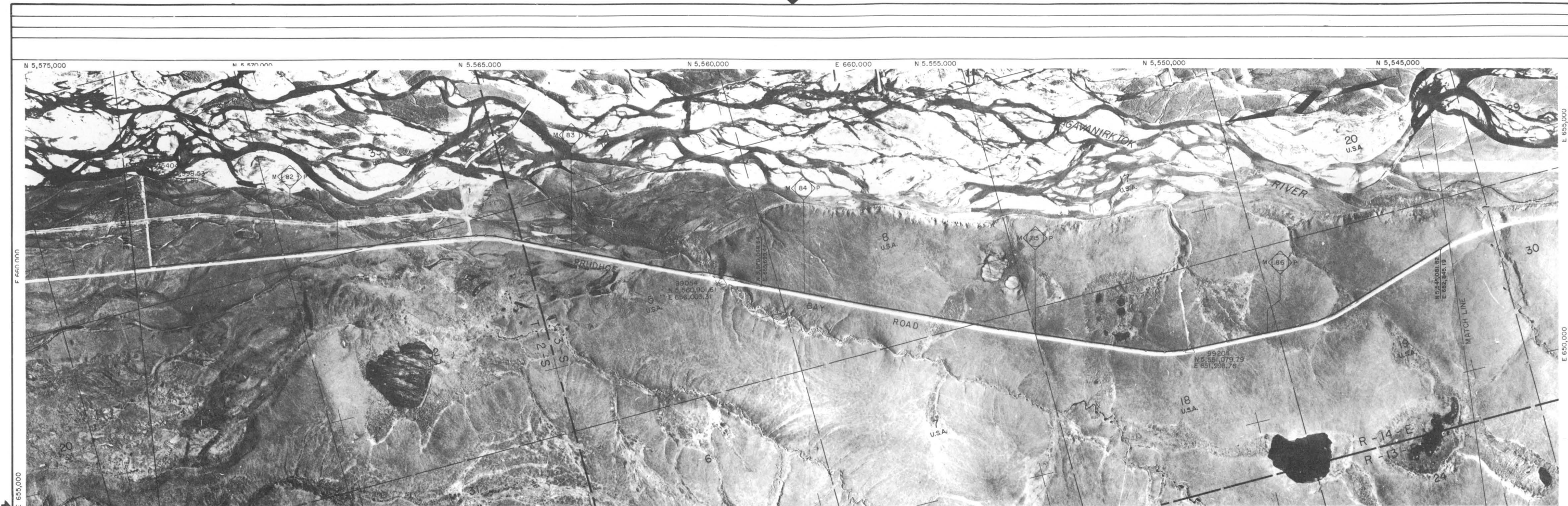
ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY			
48" NATURAL GAS PIPELINE OWNERSHIP			
M.P. 69.5 TO M.P. 75.3			
TOWNSHIP-1-NORTH-1-SOUTH RANGE-14-EAST MERIDIAN UMIAT			
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM			
PHOTO	APCG	DATE	1979
DATE		FLUOR	DATE
		N.W. ALASKA	DATE
		3-14-80	
SCALE IN FEET		DRAWING NUMBER	REV
1" = 1000'		4680-11-00-C-0-013	3

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS, INC.









FOOTAGE		30,450'
PARCEL NO.		
OWNERSHIP		U.S.A.

REMARKS

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

46

50

51

52

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-28-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
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FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 81.1 TO M.P. 86.9

TOWNSHIP-2 & 3 SOUTH RANGE-14-EAST

MERIDIAN UMIAT

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCS	DATE	1978	FLUOR	DATE
				H.W. ALASKA	DATE 3-17-80
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-11-00-B-0-015		3	

11600

0015

020811 OWNERSHIP

41680

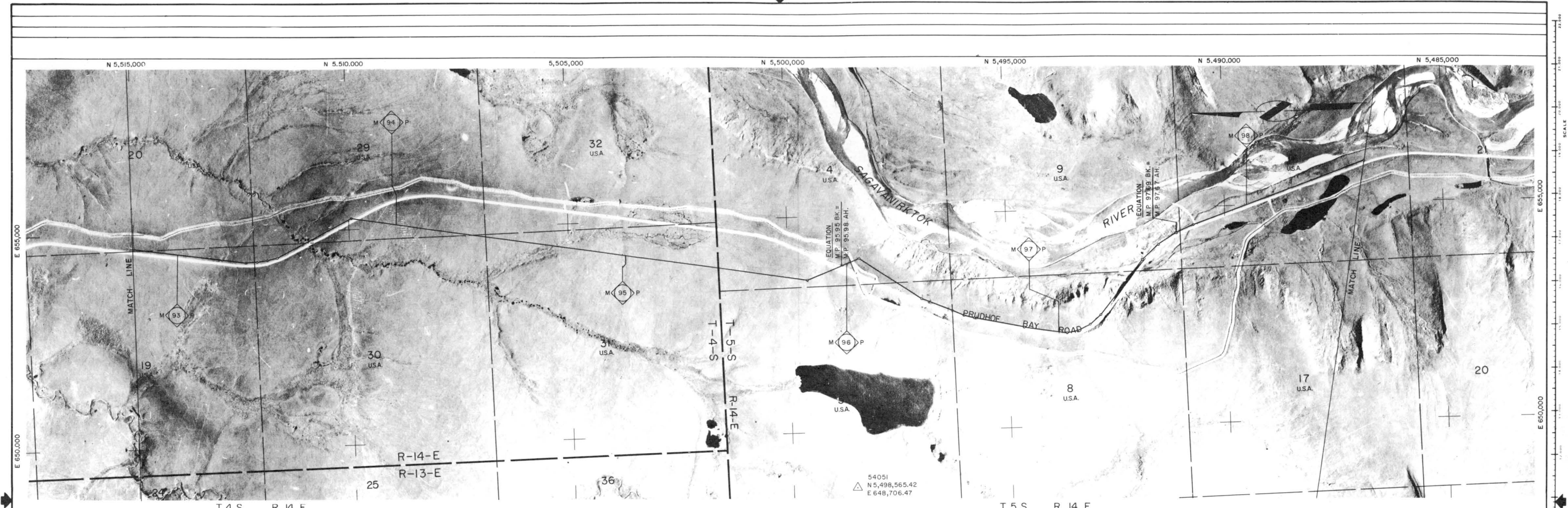
777879 04

DISTRIBUTION CODE









FOOTAGE		30,450'
PARCEL NO.		
OWNERSHIP		U.S.A

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-80-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE**

**OWNERSHIP**

M.P. 92.8 TO M.P. 98.5

TOWNSHIP - 4 & 5 SOUTH RANGE - 14 - EAST

MERIDIAN UMIAT

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-11-00-B-0-017

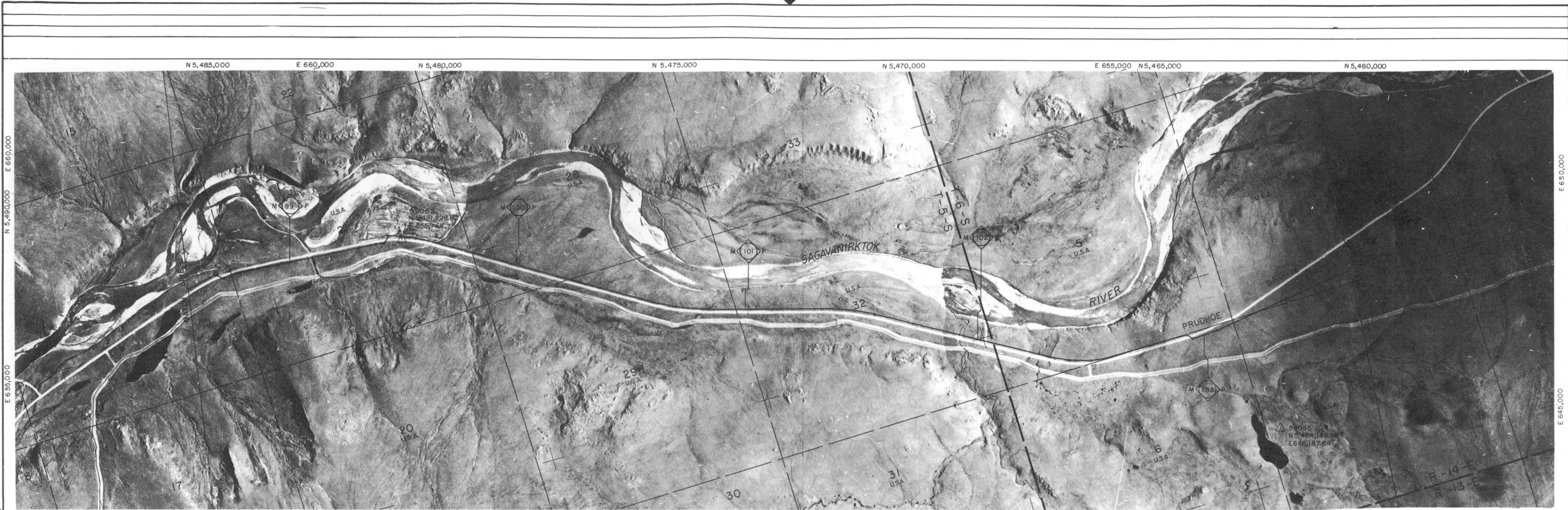
REV

3

DISTRIBUTION CODE

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FOOTAGE		27,110'	
PARCEL NO.			
OWNERSHIP		U. S. A.	

REMARKS

LEGEND

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— - - - - Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-80-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NO CHANGE ISSUED FOR RECORD ONLY

FLUOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 98.5 TO M.P. 103.7

TOWNSHIP-56-SOUTH RANGE-14-EAST

MERIDIAN UMIAT

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

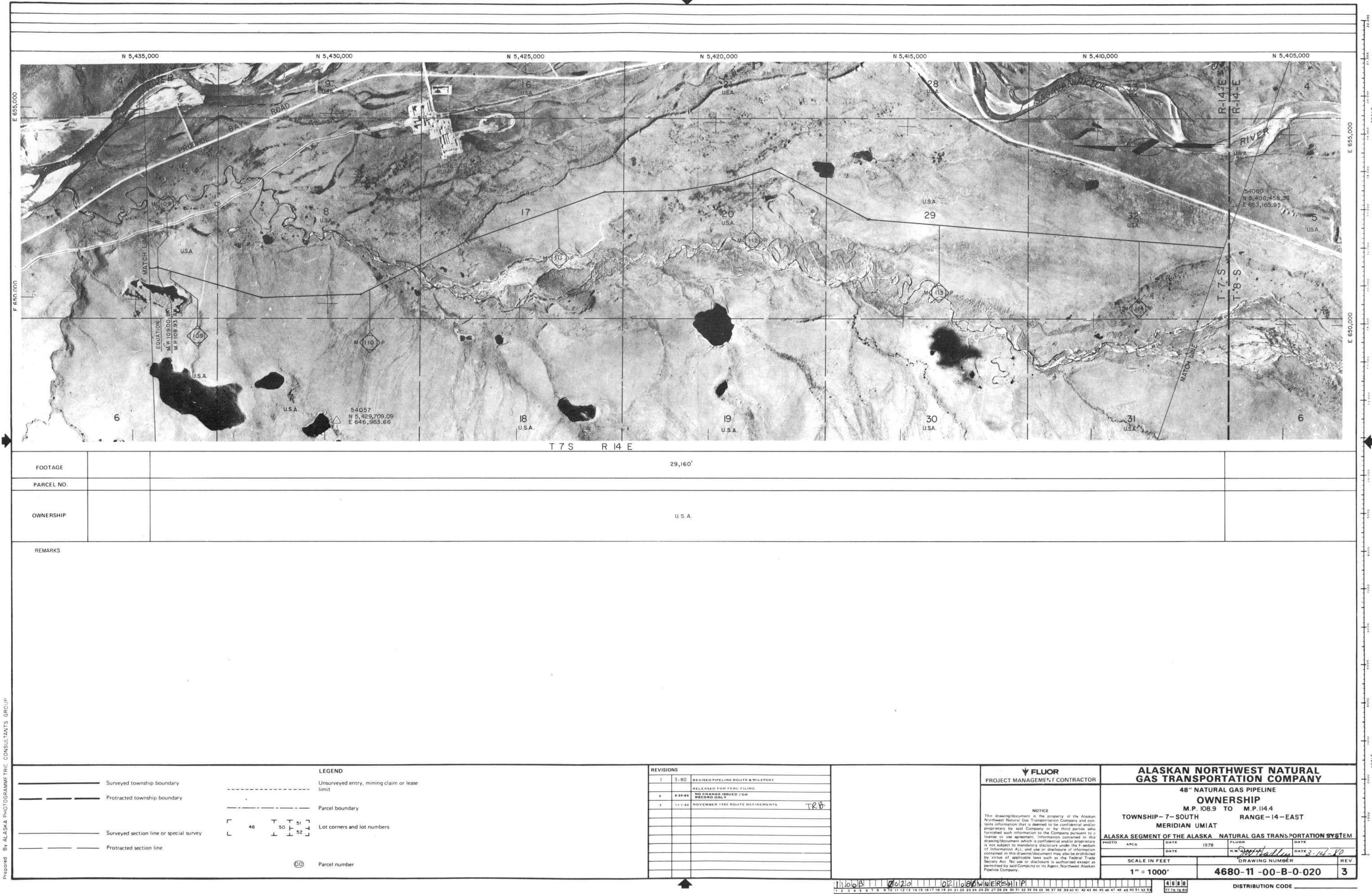
PHOTO	AFGC	DATE	1978	FLUOR	DATE
SCALE IN FEET				DRAWING NUMBER	
1" = 1000'				4680-11-00-B-0-018	
				REV	
				3	

DISTRIBUTION CODE

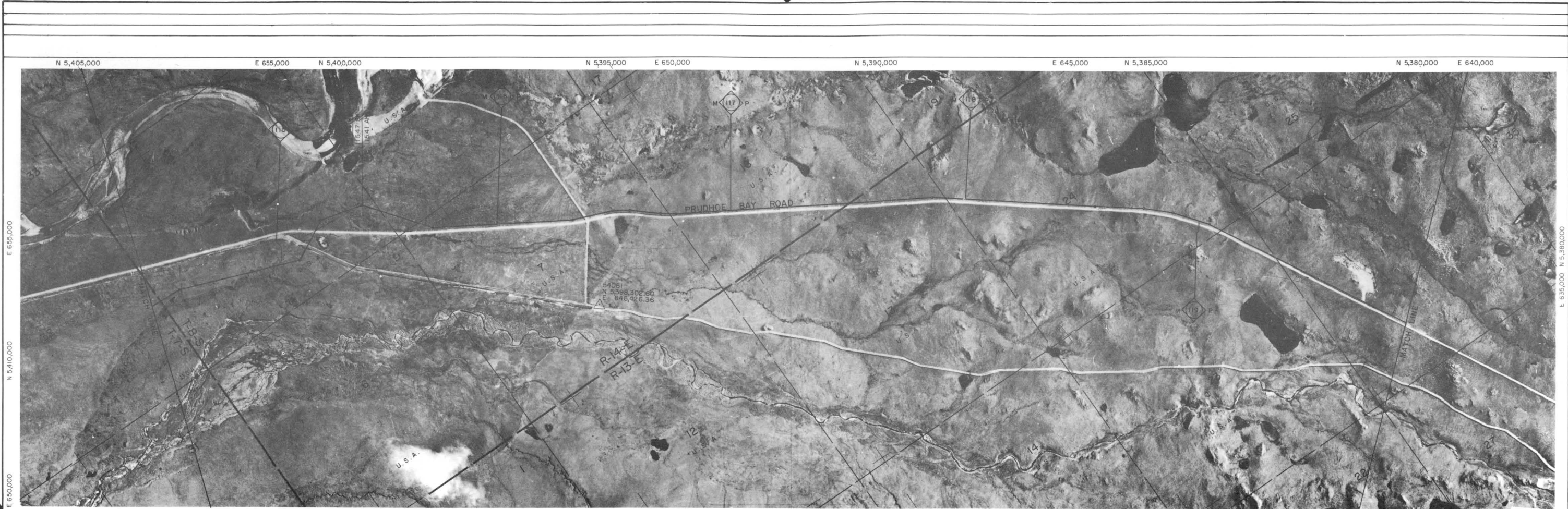












FOOTAGE		29,730'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

REMARKS
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Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Surveyed section line superseded by special survey

Unsurveyed entry, mining claim or lease limit

Parcel boundary

46

50

51

52

T

Lot corners and lot numbers

8

+

Protracted section number and corner where superseded by special survey

Parcel number

REVISIONS	
1	8-30-80 RELEASE FOR DOI ROW GRANT COMPLIANCE
2	11-1-80 NOVEMBER 1980 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 114.4 TO M.P. 120.0

TOWNSHIP T 8S MERIDIAN UMIAT RANGE R14E, R13E

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO APC6 DATE 1978 FLUOR DATE 9/17/80

SCALE IN FEET 1" = 1000'

DRAWING NUMBER 4680-11-00-B-0-021

REV 3

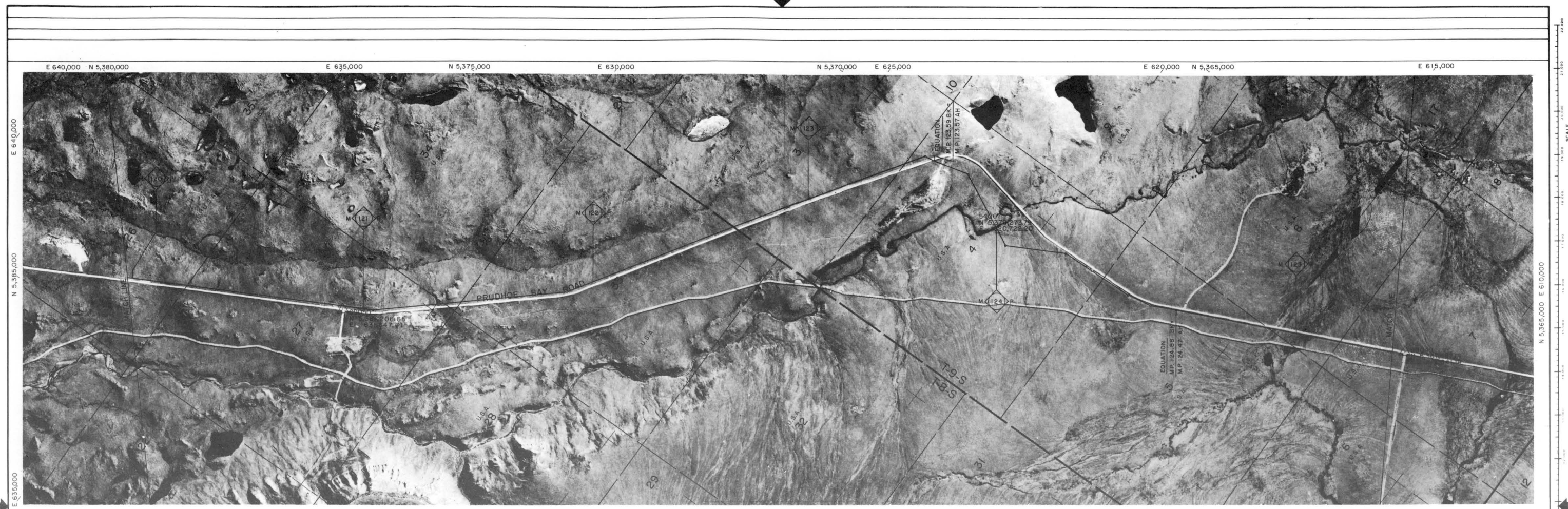
DISTRIBUTION CODE

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

4680 77 78 79 80





FOOTAGE		31,030'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

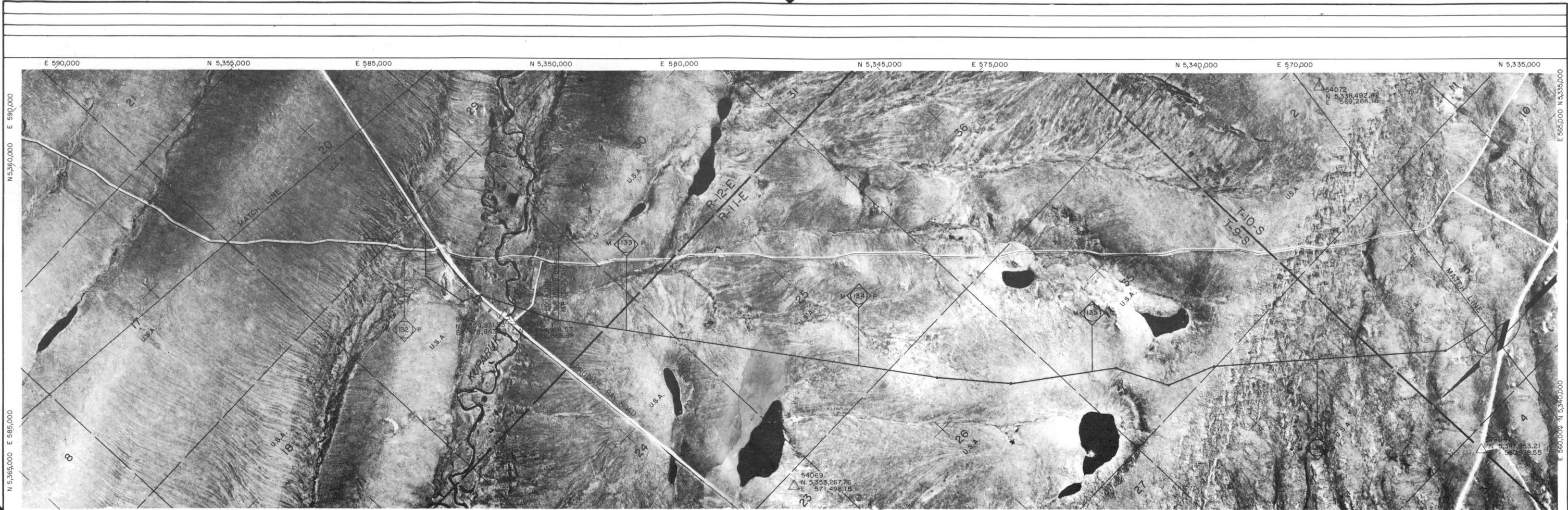
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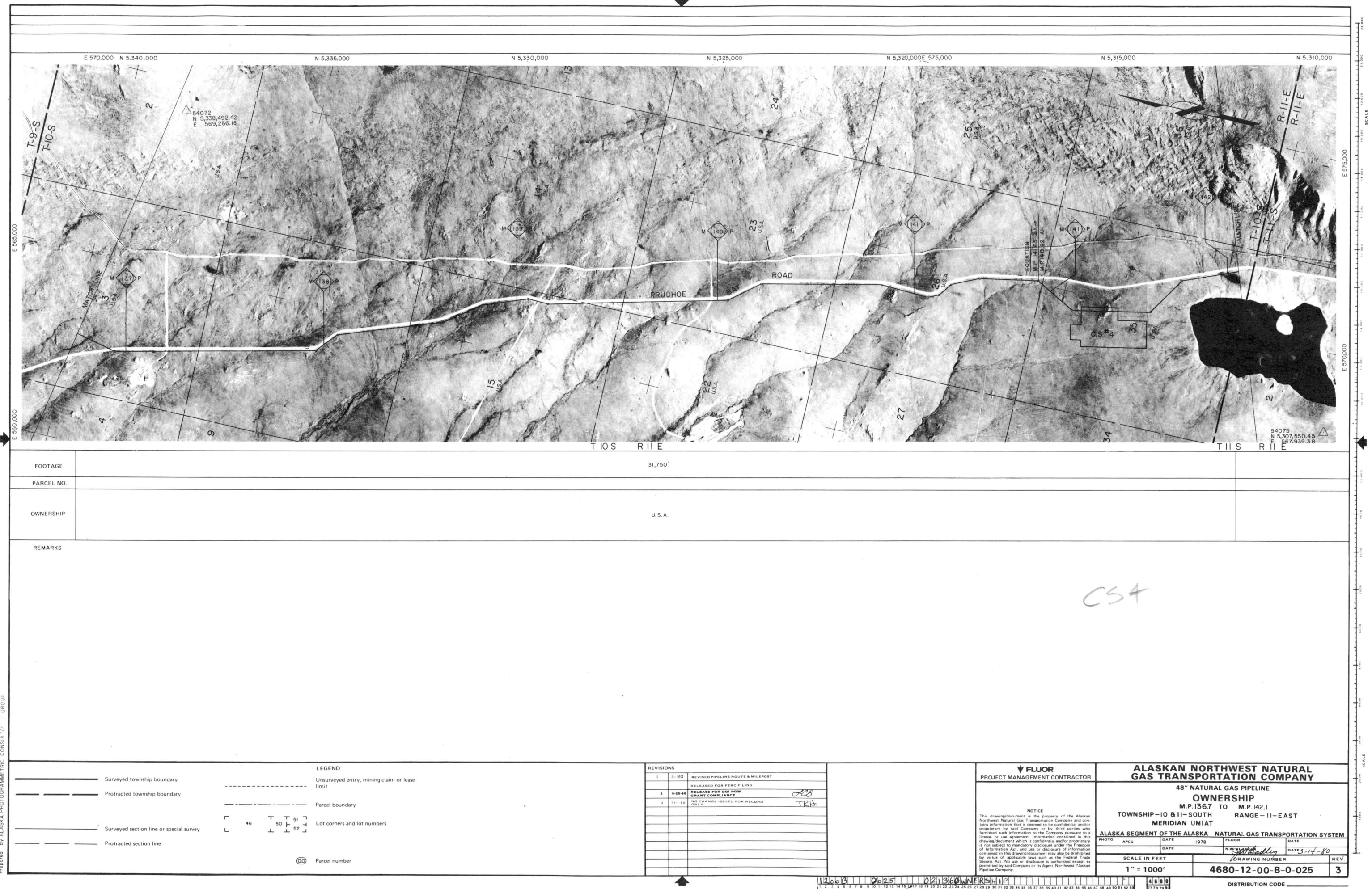
Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE	28,300'
PARCEL NO.	
OWNERSHIP	U.S.A.

<b>LEGEND</b> — Surveyed township boundary - - - - - Unsurveyed entry, mining claim or lease limit — Protracted township boundary — Parcel boundary — Surveyed section line or special survey — Protracted section line — Surveyed section line superseded by special survey  46 50 51 52 8	<b>REVISIONS</b> <table><tr><td>2</td><td>8-30-80</td><td>RELEASE FOR DDJ ROW GRANT COMPLIANCE</td></tr><tr><td>3</td><td>11-1-80</td><td>NOVEMBER 1980 ROUTE REFINEMENTS</td></tr></table>	2	8-30-80	RELEASE FOR DDJ ROW GRANT COMPLIANCE	3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secrets Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b> 48" NATURAL GAS PIPELINE <b>OWNERSHIP</b> M.P. 131.5 TO M.P. 136.7 TOWNSHIP T9S, T10S RANGE R12E, R11E MERIDIAN UMAT <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> PHOTO APCG DATE 1978 FLUOR DATE MICHAEL BAKER, JR., INC. DATE N.W. <i>John S. Brown</i> DATE 9/17/80 SCALE IN FEET 1" = 1000' DRAWING NUMBER 4680-12-00-B-0-024 REV 3 DISTRIBUTION CODE
2	8-30-80	RELEASE FOR DDJ ROW GRANT COMPLIANCE							
3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS							

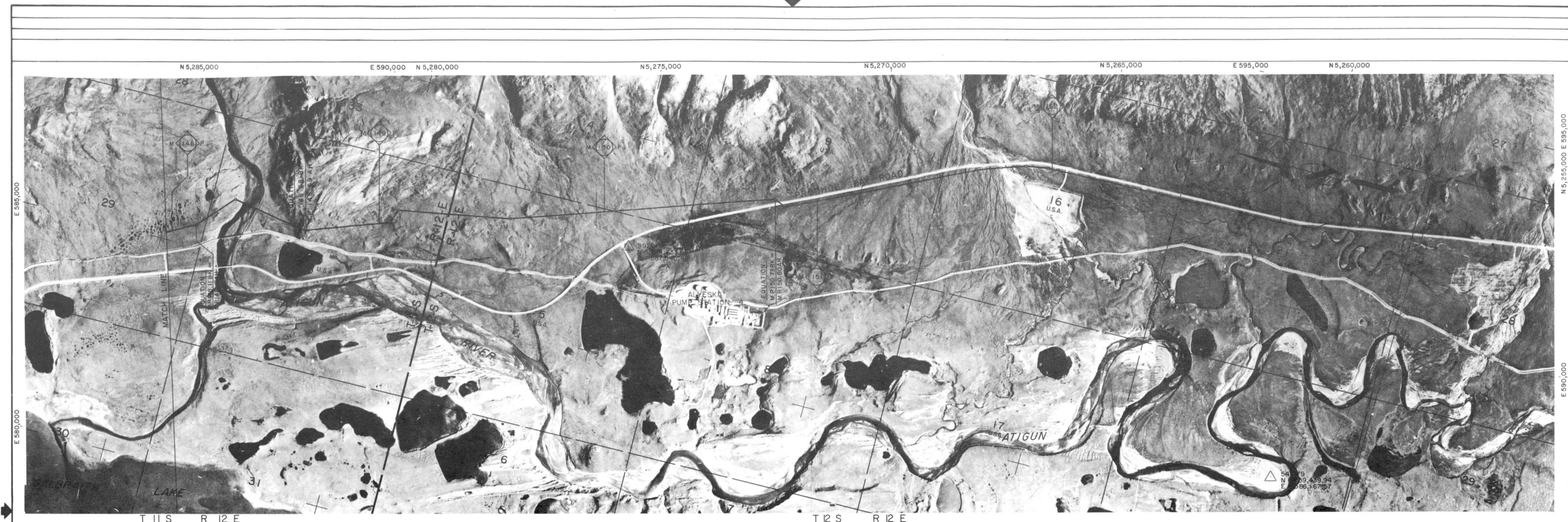












FOOTAGE	29,230'
PARCEL NO.	
OWNERSHIP	U.S.A.

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASE FOR FERC FILING
3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

**NOTICE**

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 147.90 BK. = 147.98 AH. TO M.P. 153.6

TOWNSHIP - 11 & 12 - SOUTH RANGE - 12 - EAST

**MERIDIAN UMAT**

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-12-00-B-0-027

REV

3

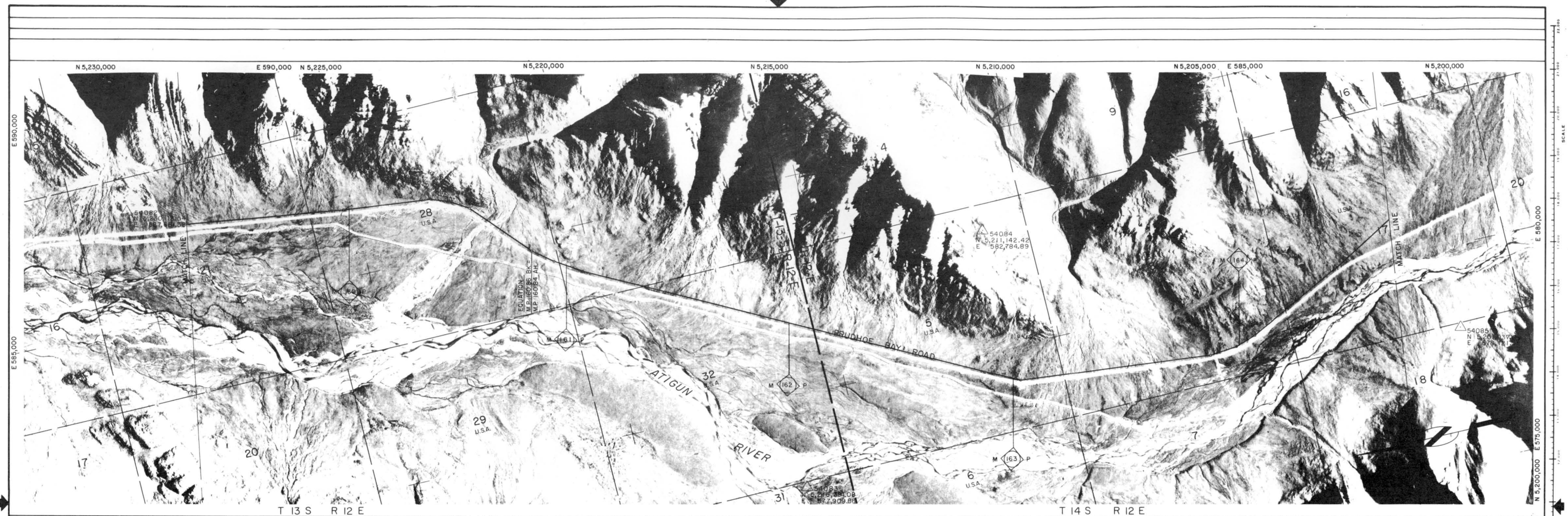
DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP







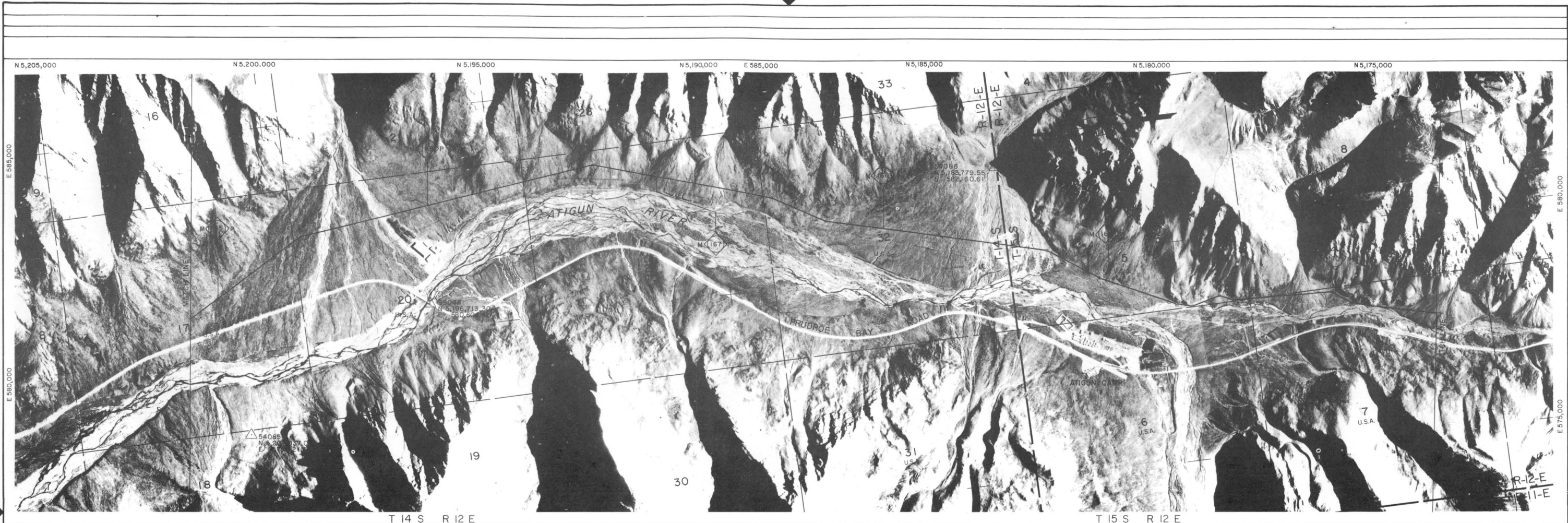


FOOTAGE		29,410'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

REMARKS

</





FOOTAGE		29,420'	
PARCEL NO.			
OWNERSHIP		U.S.A.	
REMARKS			

NOTE: Pipeline may traverse portion of Atigun Camp.  
Temporary Use Permit from USA to Alyeska  
Pipeline Service Company, et al.

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS	
1	3-80 REVISED MILEPOST
2	RELEASED FOR PERC FILING
3	RELEASE FOR DOI ROW GRANT COMPLIANCE
4	NOVEMBER 1988 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 164.8 TO M.P. 170.3

TOWNSHIP - 14 & 15 - SOUTH

MERIDIAN UMIAT

RANGE - 12 - E

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO AFCS DATE 1978

DATE 1978

SCALE IN FEET

1" = 1000'

4680-12-00-B-0-030

3

DRAWING NUMBER

REV

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP







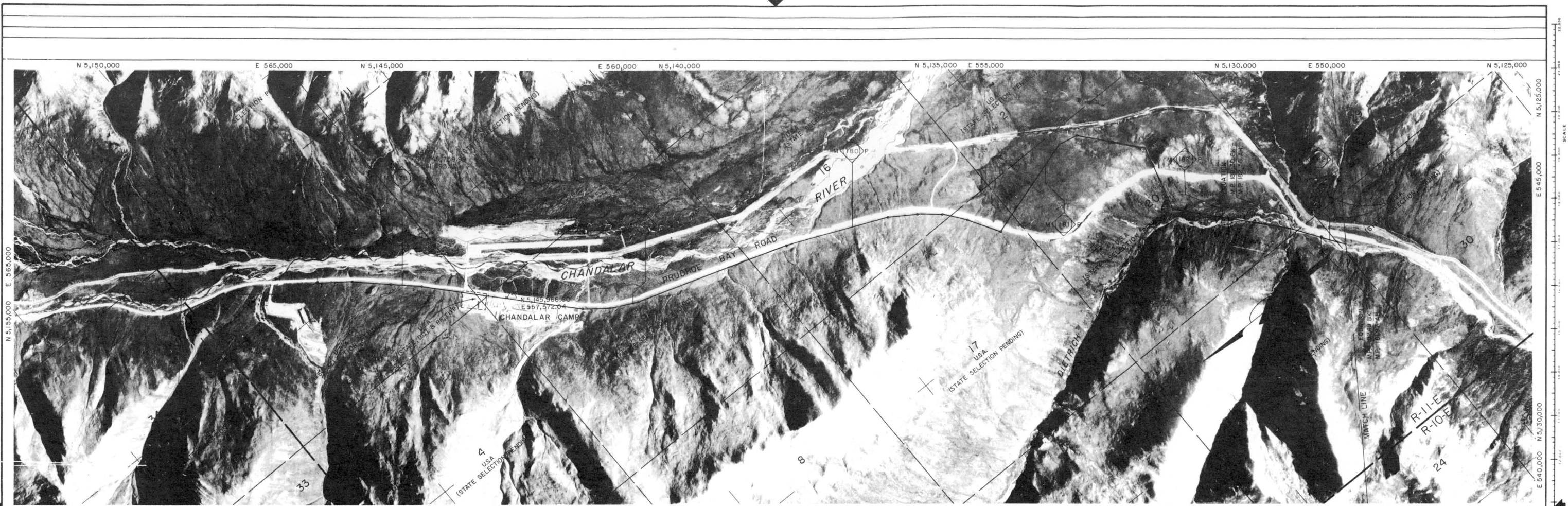
Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE		6,560'	23,450'
PARCEL NO.			
OWNERSHIP		USA	USA (STATE SELECTION PENDING)
REMARKS			

<p>————— Surveyed township boundary</p> <p>----- Protracted township boundary</p> <p>————— Surveyed section line or special survey</p> <p>----- Protracted section line</p>	<p><b>LEGEND</b></p> <p>----- Unsurveyed entry, mining claim or lease limit</p> <p>————— Parcel boundary</p> <p>46 T 50 T 51 T 52 T</p> <p>Lot corners and lot numbers</p> <p>Parcel number</p>	<p>USA (S.S.P) = USA (STATE SELECTION PENDING)</p>	<table><tr><th colspan="2">REVISIONS</th></tr><tr><td>1</td><td>3-80 REVISED MILEPOST</td></tr><tr><td>2A</td><td>8-22-80 TUNNEL STUDY</td></tr><tr><td>3A</td><td>11-1-82 NOVEMBER 1980 ROUTE REFINEMENTS</td></tr></table>	REVISIONS		1	3-80 REVISED MILEPOST	2A	8-22-80 TUNNEL STUDY	3A	11-1-82 NOVEMBER 1980 ROUTE REFINEMENTS	<p><b>FLUOR</b></p> <p>PROJECT MANAGEMENT CONTRACTOR</p> <p><b>NOTICE</b></p> <p>This drawing/document is the property of the Alaska Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secrets Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.</p>	<p><b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b></p> <p><b>48" NATURAL GAS PIPELINE OWNERSHIP</b></p> <p>M.P. 170.3 TO M.P. 176.0</p> <p>TOWNSHIP-15-SOUTH RANGE-118-12-EAST</p> <p>MERIDIAN UMIAT</p> <p>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</p> <table><tr><td>PHOTO</td><td>APCD</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td></tr><tr><td colspan="3">SCALE IN FEET</td><td colspan="3">1" = 1000'</td></tr><tr><td colspan="3">DRAWING NUMBER</td><td colspan="3">4680-12-00-B-0-031</td></tr><tr><td colspan="3">REV</td><td colspan="3">3A</td></tr></table> <p>DISTRIBUTION CODE</p>	PHOTO	APCD	DATE	1978	FLUOR	DATE	SCALE IN FEET			1" = 1000'			DRAWING NUMBER			4680-12-00-B-0-031			REV			3A		
REVISIONS																																					
1	3-80 REVISED MILEPOST																																				
2A	8-22-80 TUNNEL STUDY																																				
3A	11-1-82 NOVEMBER 1980 ROUTE REFINEMENTS																																				
PHOTO	APCD	DATE	1978	FLUOR	DATE																																
SCALE IN FEET			1" = 1000'																																		
DRAWING NUMBER			4680-12-00-B-0-031																																		
REV			3A																																		





FOOTAGE		6,620'	550'	22,100'	
PARCEL NO.					
OWNERSHIP		U.S.A. (STATE SELECTION PENDING)	U.S.A. (STATE, D.O.T. & P.F., T.U.P.)	U.S.A. (STATE SELECTION PENDING)	

REMARKS

NOTE: Pipeline traverses portion of Chandalar Camp. Temporary Use Permit from USA to Alyeska Pipeline Service Company, et al.

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

U.S.A. (S.S.P.) = U.S.A. (STATE SELECTION PENDING)

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	4-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
4		NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 177.0 TO M.P. 182.1

TOWNSHIP-16-SOUTH RANGE-11-EAST

MERIDIAN UMIAT

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO APCB DATE 1978 FLUOR DATE 3-14-80

SCALE IN FEET 1" = 1000'

DRAWING NUMBER 4680-12-00-B-0-032

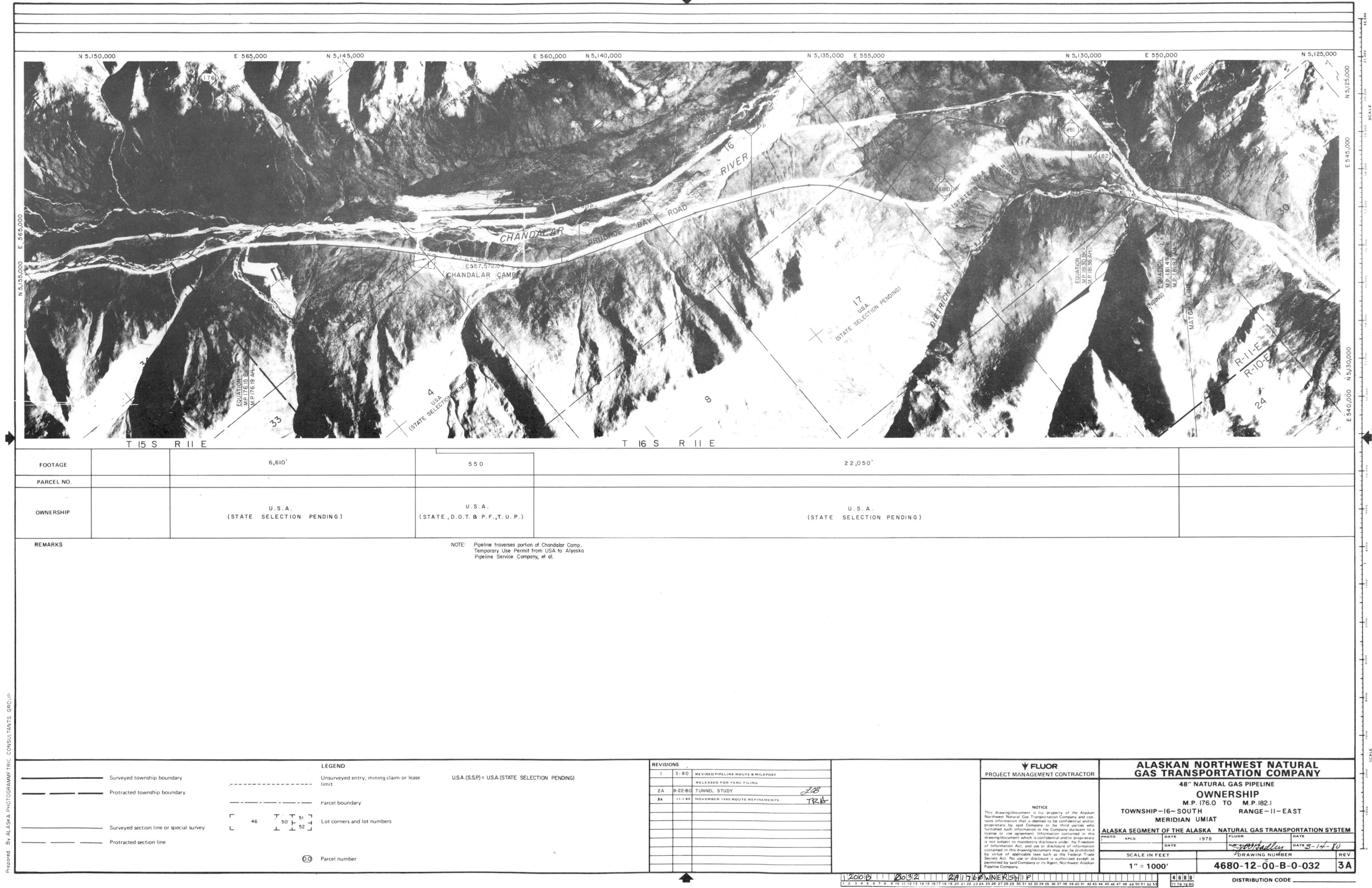
REV 3

DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS, GROUP



FOOTAGE		6,610'	550	22,050'	
PARCEL NO.					
OWNERSHIP		U.S.A. (STATE SELECTION PENDING)	U.S.A. (STATE, D.O.T. & P.F., T.U.P.)	U.S.A. (STATE SELECTION PENDING)	

REMARKS

NOTE: Pipeline traverses portion of Chandalar Camp.  
Temporary Use Permit from USA to Alyeska  
Pipeline Service Company, et al.

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

USA (S.S.P.) = USA (STATE SELECTION PENDING)

REVISIONS	
1	3-80 REVISED PIPELINE ROUTE & MILEPOST
2A	9-22-80 TUNNEL STUDY
3A	11-1-80 NOVEMBER 1980 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 176.0 TO M.P. 182.1

TOWNSHIP-16-SOUTH RANGE-11-EAST

MERIDIAN UMIAT

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-12-00-B-0-032

REV

3A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

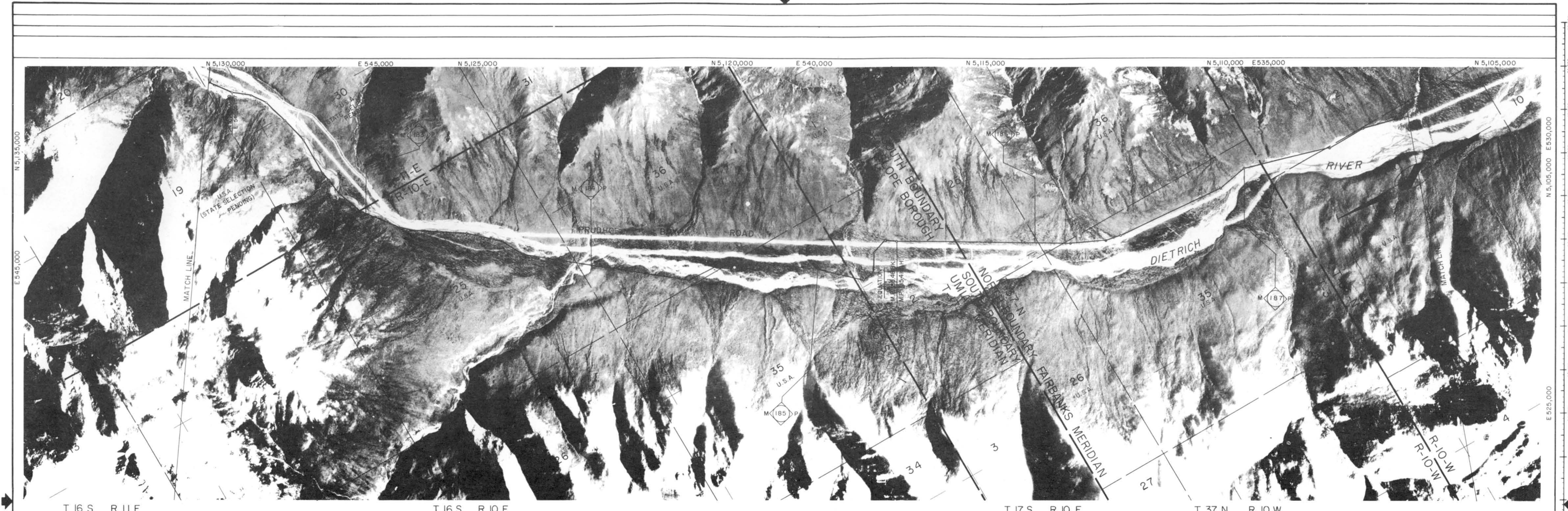
12000 20312 29176 OWNERSHIP

4680

57.76.79.80

DISTRIBUTION CODE





FOOTAGE		4,760'	25,500'
PARCEL NO.			
OWNERSHIP		U.S.A. (STATE SELECTION PENDING)	U.S.A.
REMARKS			

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

--- Unsurveyed entry, mining claim or lease limit

--- Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASE FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 182.1 TO M.P. 187.7

TOWNSHIP-16&17 SO., 37&36 NO. RANGE-10&11 EAST, 10-WEST

MERIDIAN UMAT & FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APGC	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-12-00-B-0-033

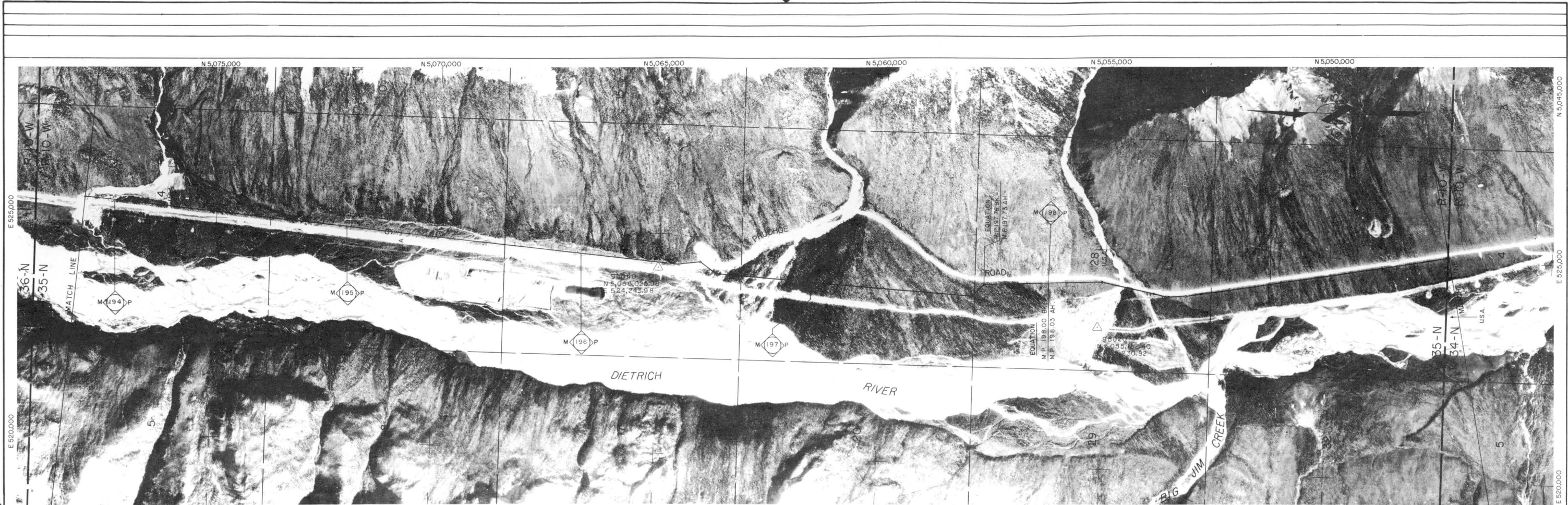
REV

3

DISTRIBUTION CODE







FOOTAGE	31,020'
PARCEL NO.	
OWNERSHIP	USA

REMARKS	
---------	--

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— - - - - Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

— - - - - Protracted section line

46 50 51 52

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
4	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 193.9 TO M.P. 199.8

TOWNSHIP 35 & 34-NORTH RANGE-10-WEST

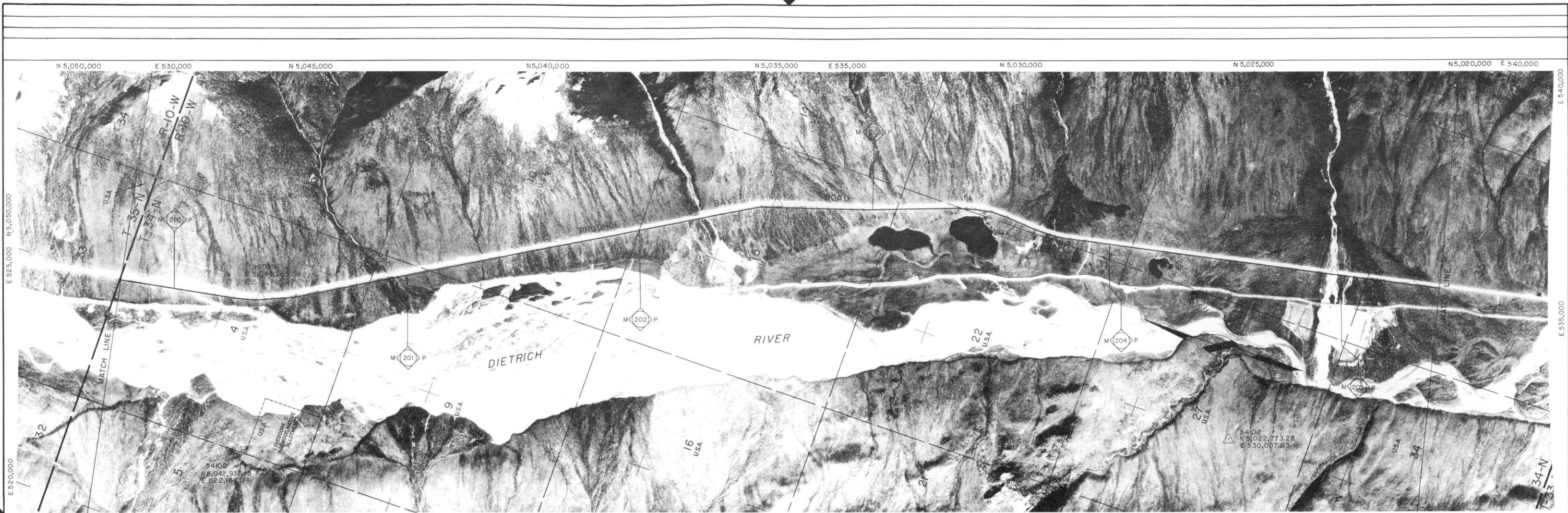
MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCS	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-12-00-B-0-035		3	

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP





FOOTAGE		29,980'
PARCEL NO.		
OWNERSHIP		USA.

REMARKS

NOTE: Grauss Mining Co. has located claims in area of Snowden Creek, doubtful validity.

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— — — — — Unsurveyed entry, mining claim or lease limit

— Parcel boundary

46 50 51 52 T T Parcel corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST RELEASED FOR PERC FILING
2	8-20-80	NO CHANGE ISSUED FOR RECORD ONLY
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**  
OWNERSHIP  
48" NATURAL GAS PIPELINE  
M.P. 199.8 TO M.P. 205.5  
TOWNSHIP-34-NORTH RANGE-10-WEST  
MERIDIAN FAIRBANKS  
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

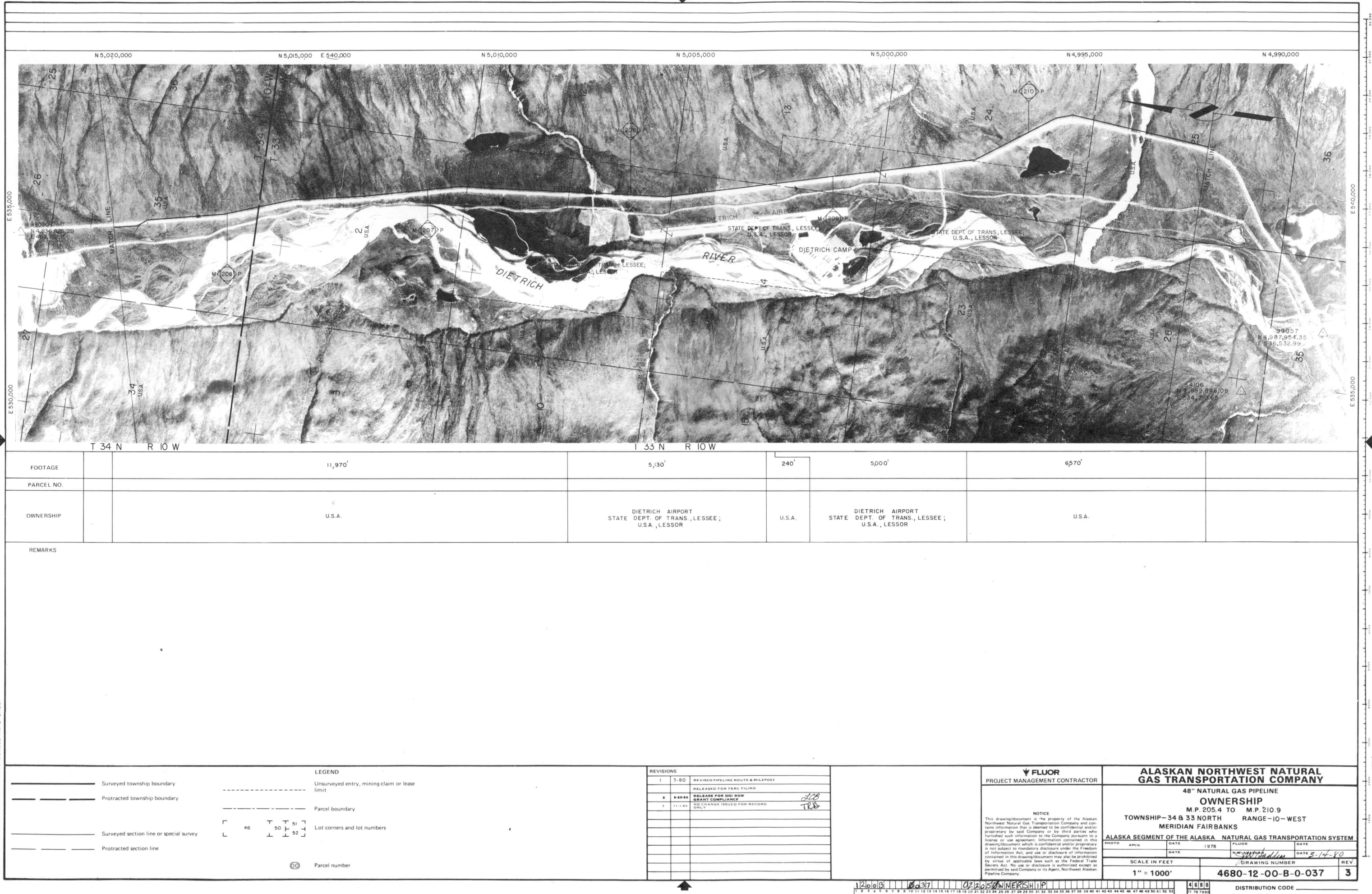
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SCALE IN FEET  
1" = 1000'

DRAWING NUMBER  
4680-12-00-B-0-036

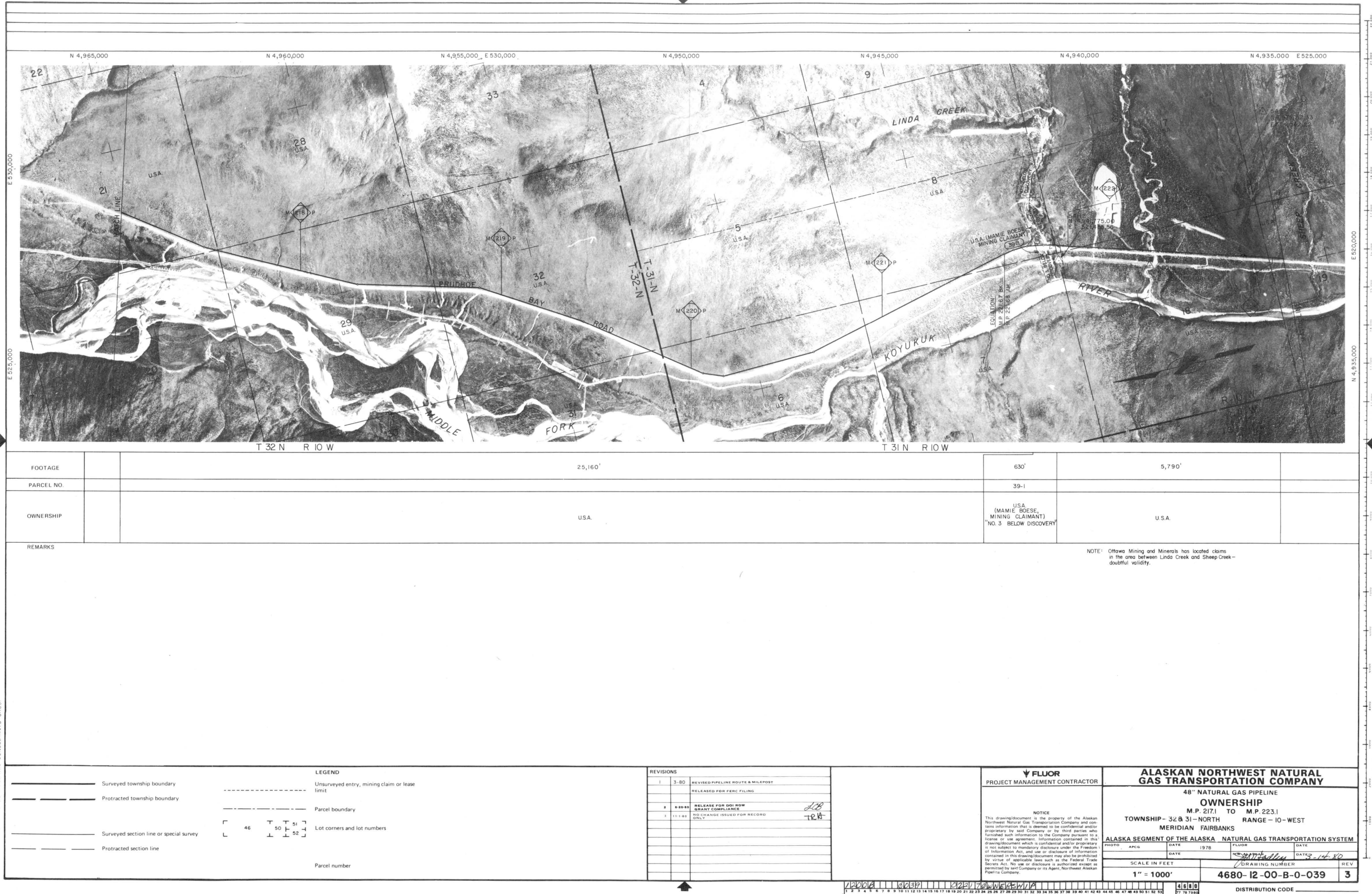
REV  
3

DISTRIBUTION CODE









LEGEND

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

FLUOR PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 217.1 TO M.P. 223.1

TOWNSHIP - 32 & 31 - NORTH RANGE - 10 - WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO: APCG DATE: 1978 FLUOR DATE: 8-14-80

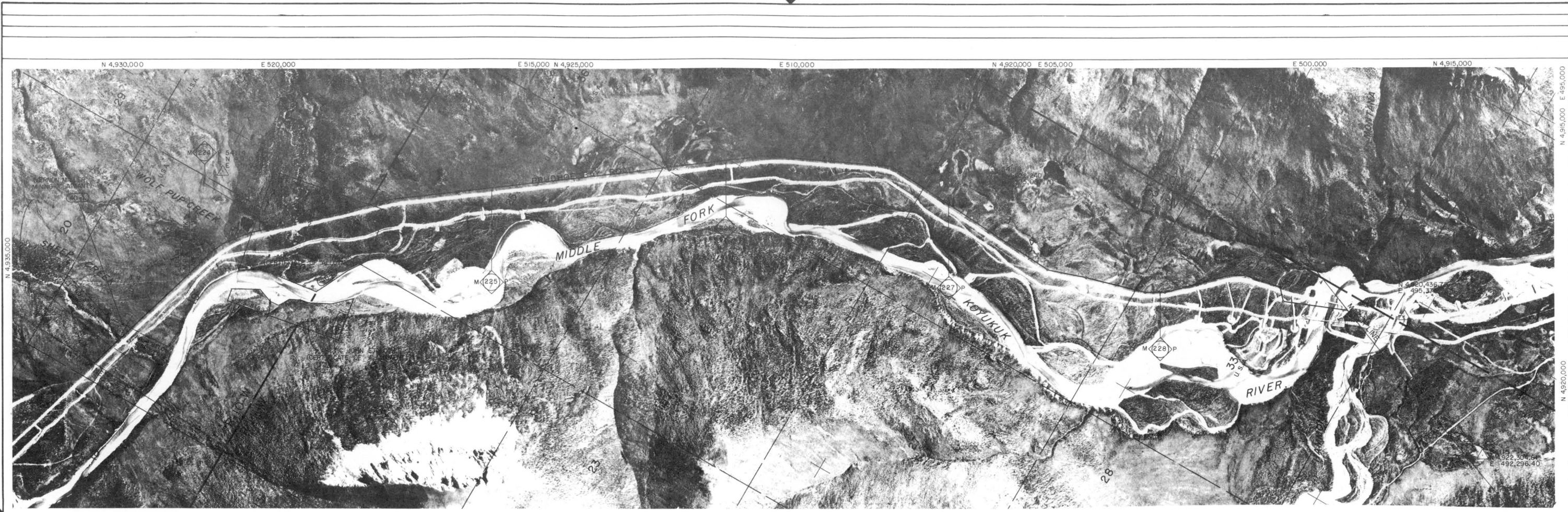
SCALE IN FEET: 1" = 1000'

DRAWING NUMBER: 4680-12-00-B-0-039

REV: 3

DISTRIBUTION CODE





FOOTAGE	540'	600'	3,500'	2,680'	23,180'
PARCEL NO.		40-1		40-2	
OWNERSHIP	U.S.A.	U.S.A. (VERNON MILLER MINING CLAIMANT)	U.S.A.	ARCTIC JOHN ETALOOK (CERTIFICATE OF ALLOTMENT)	U.S.A.

REMARKS: U.S. SURVEY 5199. Ottawa Mining and Minerals has located claims in various areas, doubtful validity.

**LEGEND**

- Surveyed township boundary
- Protracted township boundary
- Surveyed section line or special survey
- Protracted section line
- Unsurveyed entry, mining claim or lease limit
- Parcel boundary
- Lot corners and lot numbers
- Parcel number

REVISIONS	
1	3-80 REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80 RELEASE FOR DD NOW GRANT COMPLIANCE
3	11-1-80 NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 223.1 TO M.P. 228.8

TOWNSHIP-31-NORTH RANGE-IOW & II-WEST

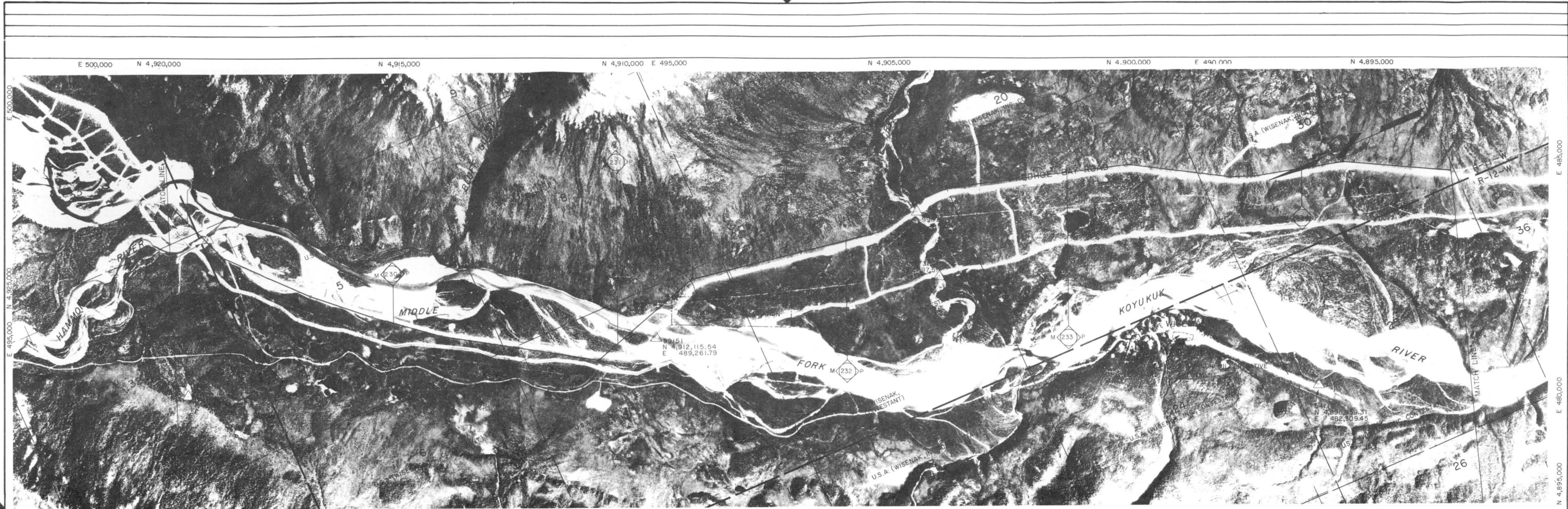
MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE	2-14-80
SCALE IN FEET			DRAWING NUMBER			REV
1" = 1000'			4680-12-00-B-0-040			3

DISTRIBUTION CODE





FOOTAGE	900'	30,050'
PARCEL NO.		
OWNERSHIP	U.S.A. (WISENAK, INC., CONTESTANT)	U.S.A. (WISENAK, INC., CONTESTANT)

REMARKS

Bullock et al have located No. 11  
Below thru No. 22 Below Hammond  
River Discovery in the riverbed of  
the Middle Fork Koyukuk River.

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— - - - - Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

46 50 51 52

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 228.8 TO M.P. 234.6

TOWNSHIP - 31 & 30-NORTH RANGE - 11 & 12 WEST

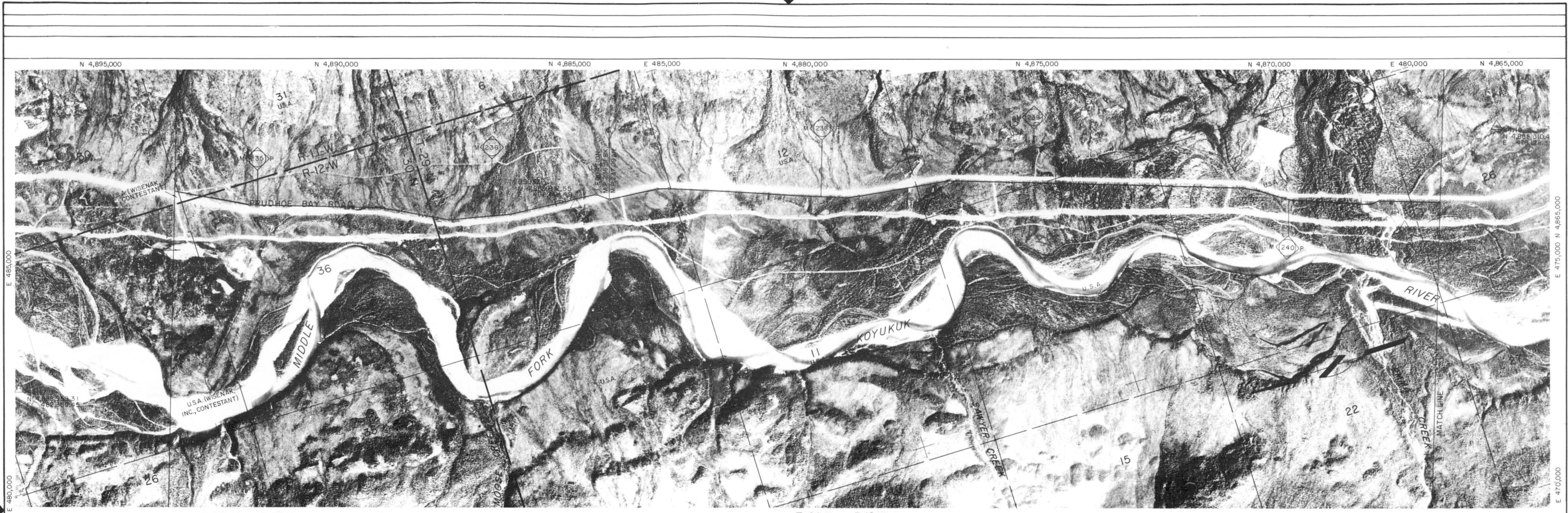
MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-13-00-B-0-041		3	

DISTRIBUTION CODE





FOOTAGE	80'	28,640'
PARCEL NO.		
OWNERSHIP	U.S.A. (WISENAK, INC., CONTESTANT)	U.S.A.

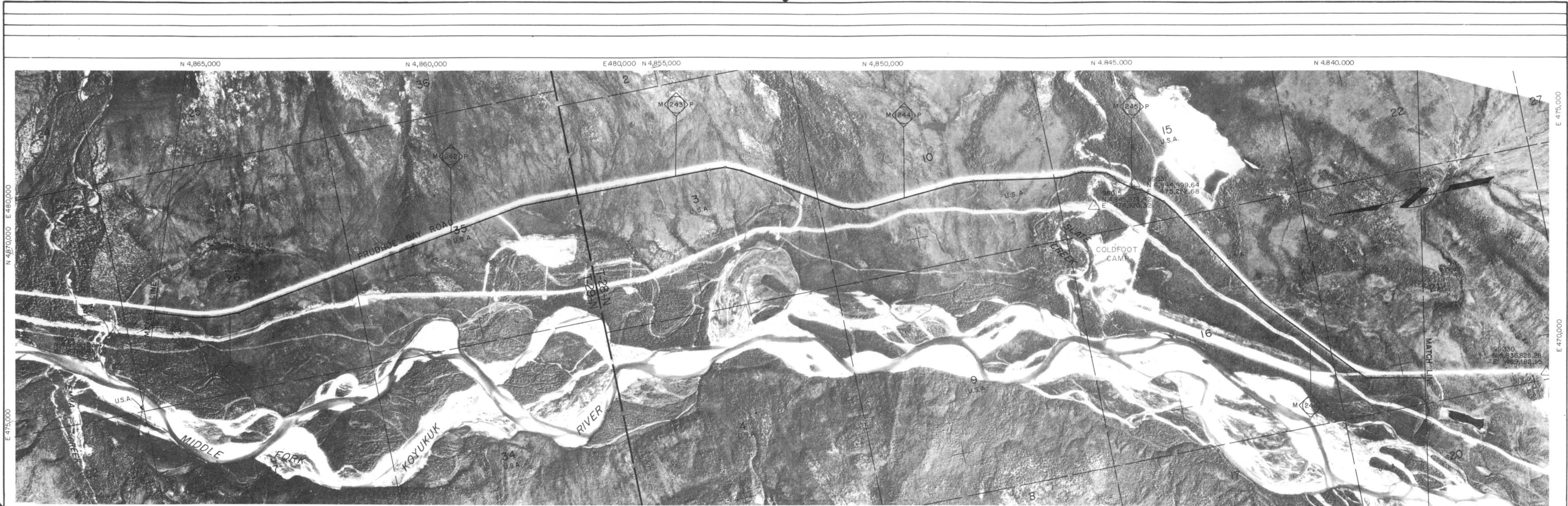
REMARKS

Bullock et al have located No. 23 Below  
thru No. 44 Below Hammond River  
Discovery in the riverbed of the Middle  
Fork Koyukuk River.

Bullock et al have located No. 1 Above  
thru No. 2 Above Marion Creek Discovery  
on Marion Creek.

<b>LEGEND</b> —— Surveyed township boundary - - - - - Unsurveyed entry, mining claim or lease limit —— Protracted township boundary —— Parcel boundary —— Surveyed section line or special survey —— Protracted section line ①① Parcel number	<b>REVISIONS</b> <table><tr><td>1</td><td>3-80</td><td>REVISED PIPELINE ROUTE &amp; MILEPOST</td></tr><tr><td>2</td><td>8-20-80</td><td>RELEASE FOR FERC FILING</td></tr><tr><td>3</td><td>11-1-80</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td></td><td></td><td>NO CHANGE ISSUED FOR RECORD ONLY</td></tr></table>	1	3-80	REVISED PIPELINE ROUTE & MILEPOST	2	8-20-80	RELEASE FOR FERC FILING	3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE			NO CHANGE ISSUED FOR RECORD ONLY	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secrets Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b>  48" NATURAL GAS PIPELINE <b>OWNERSHIP</b> M.P. 234.6 TO M.P. 240.6 TOWNSHIP-30&29-NORTH RANGE-12-WEST MERIDIAN FAIRBANKS <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> <table><tr><td>PHOTO</td><td>APCG</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> SCALE IN FEET 1" = 1000' DRAWING NUMBER 4680-13-00-B-0-042 REV 3 DISTRIBUTION CODE	PHOTO	APCG	DATE	1978	FLUOR	DATE						
1	3-80	REVISED PIPELINE ROUTE & MILEPOST																									
2	8-20-80	RELEASE FOR FERC FILING																									
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE																									
		NO CHANGE ISSUED FOR RECORD ONLY																									
PHOTO	APCG	DATE	1978	FLUOR	DATE																						





FOOTAGE		31,080'
PARCEL NO.		
OWNERSHIP		U. S. A.

REMARKS

Bullock et al have located No. 53 Below thru No. 67 Below Hammond River Discovery in the riverbed of the Middle Fork Koyukuk River.

Les Matson located Ceasors Pup unpatented mining claim in the fan riverbed of the Middle Fork Koyukuk River.

Andrew Miscovich has located No. 6 Above thru No. 19 Above Discovery Claim Association in the riverbed of the Middle Fork Koyukuk River; B Discovery Claim Mouth of Slate Creek.

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

46 50 51 52

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 240.6 TO M.P. 246.5

TOWNSHIP—29N28—NORTH RANGE—12—WEST

MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

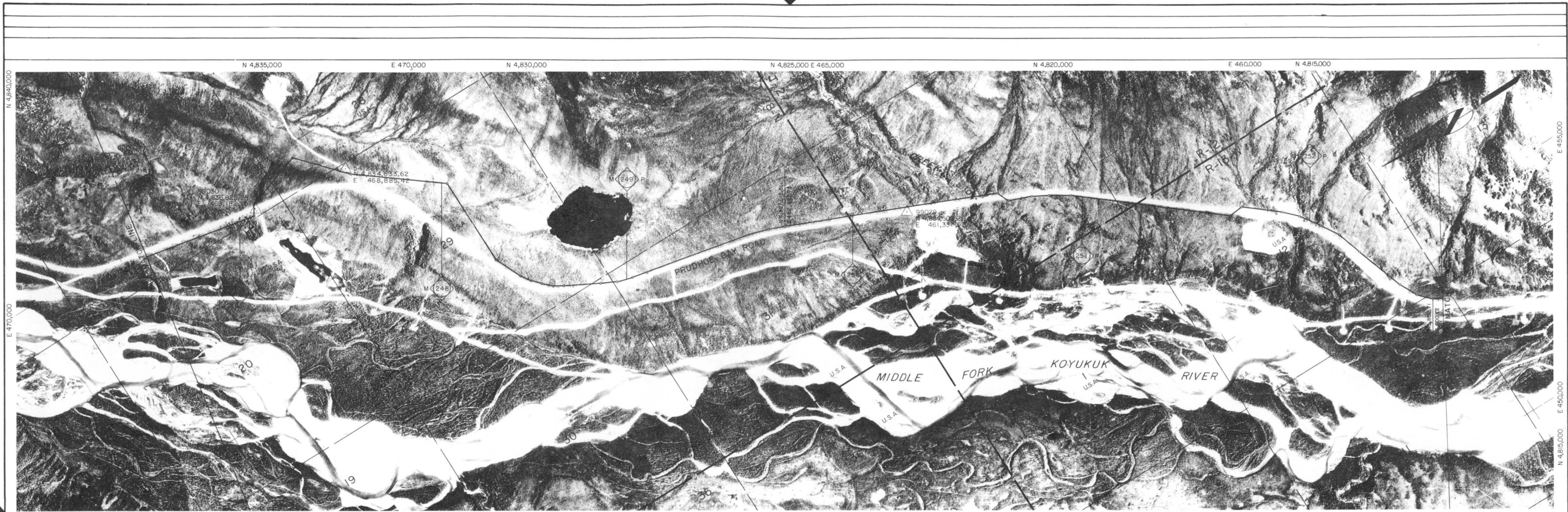
4680-13-00-B-0-043

REV

3

DISTRIBUTION CODE





FOOTAGE		32,220'	
PARCEL NO.			
OWNERSHIP		USA	

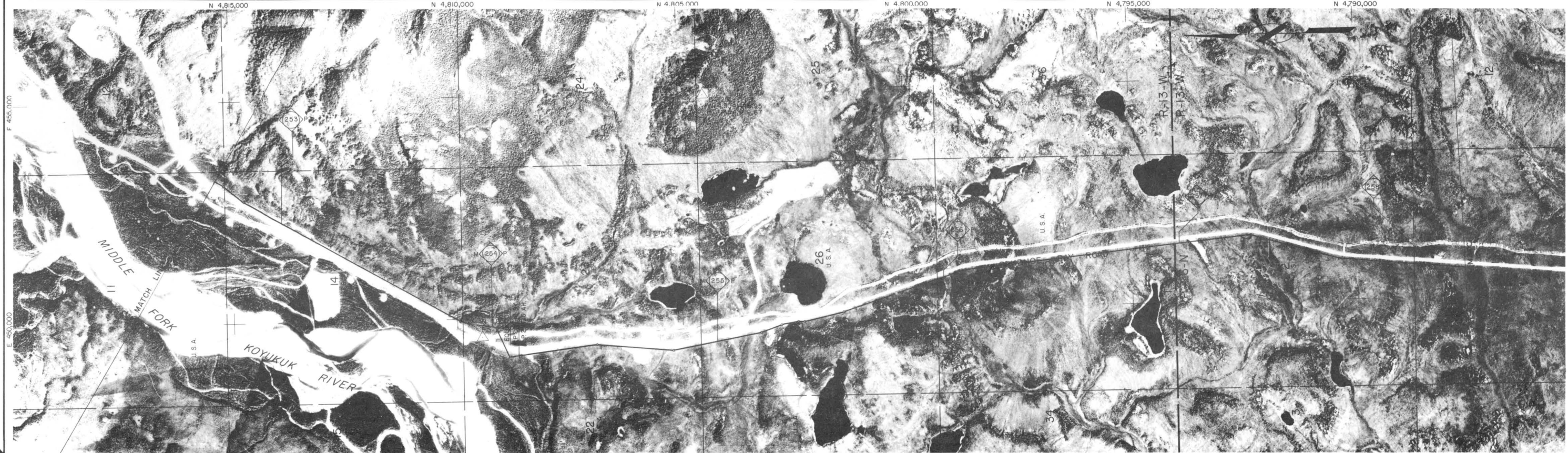
REMARKS

Andrew Miscovich has located 1 Above thru 7 Above Discovery Association in the riverbed of the Middle Fork Koyukuk River.

Andrew Miscovich has located 1 Below thru 19 Below Discovery Claim Association in the riverbed of the Middle Fork Koyukuk River.

<b>LEGEND</b>	<b>REVISIONS</b>	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b> 48" NATURAL GAS PIPELINE OWNERSHIP M.P. 246.5 TO M.P. 252.7 TOWNSHIP-28 & 27 NORTH RANGE-12 & 13-WEST MERIDIAN FAIRBANKS ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM
— Surveyed township boundary - - - - - Unsurveyed entry, mining claim or lease limit - - - - - Parcel boundary [ 46 T 50 T 51 T 52 T ] Lot corners and lot numbers — Surveyed section line or special survey - - - - - Protracted section line ⊙ Parcel number	1 3-80 REVISED PIPELINE ROUTE & MILEPOST 2 8-20-80 RELEASED FOR FERC FILING 3 11-1-80 NO CHANGE ISSUED FOR RECORD ONLY 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	<b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secrets Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	PHOTO APCG DATE 1978 FLUOR DATE DATE 3-14-10 SCALE IN FEET 1" = 1000' DRAWING NUMBER 4680-13-00-B-0-044 REV 3 DISTRIBUTION CODE





FOOTAGE		29,520'
PARCEL NO.		
OWNERSHIP		U.S.A.

REMARKS  
Andrew Miscovich has located No. 19 Below thru No. 25 Below Discovery Claim Association in the riverbed of the Middle Fork Koyukuk River.

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

46

50

51

52

REVISIONS		
1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASED FOR DOI ROW GRANT COMPLIANCE
4		NOVEMBER 1980 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 252.7 TO M.P. 258.2

TOWNSHIP-27 & 26-NORTH RANGE-13-WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO APCG DATE 1978 FLUOR DATE 3-14-80

SCALE IN FEET 1" = 1000'

DRAWING NUMBER 4680-13-00-B-0-045

REV 3

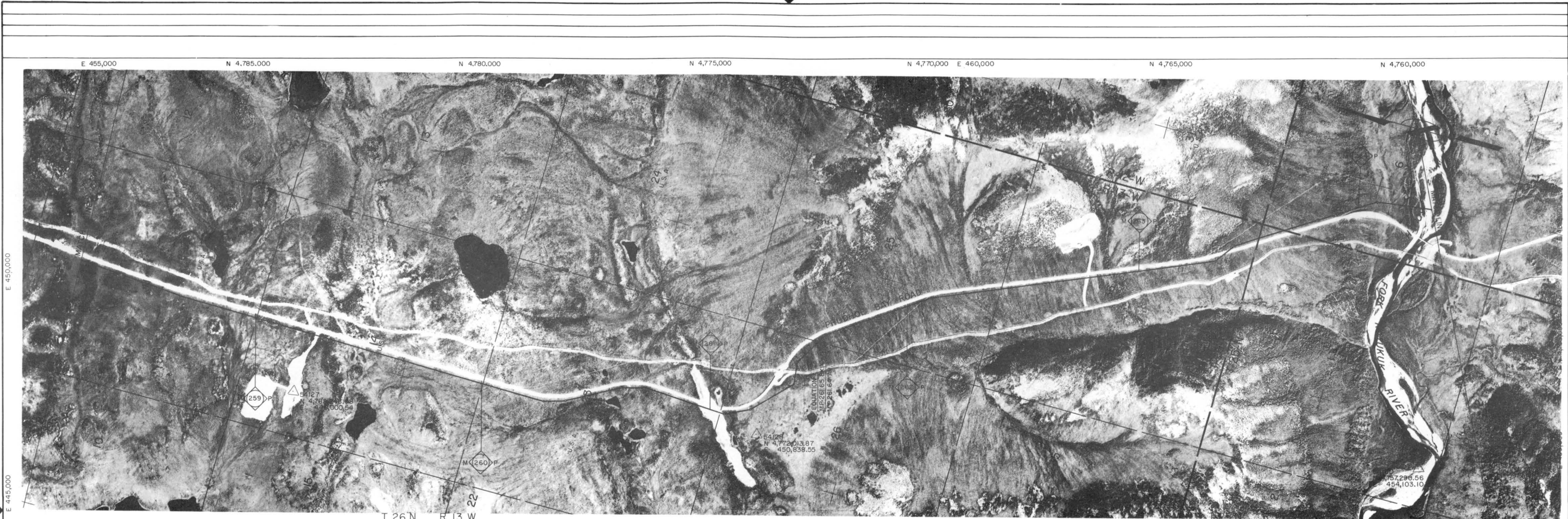
Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

13000 0645 022520 OWNERSHIP

4680 27 78 7980

DISTRIBUTION CODE





FOOTAGE	32,260'
PARCEL NO.	
OWNERSHIP	U. S. A.

REMARKS
---------

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Legend

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS	
1	3-80 REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80 RELEASE FOR FERC FILING
3	8-20-80 RELEASE FOR DOI ROW GRANT COMPLIANCE
4	11-1-80 NOVEMBER 1980 ROUTE REFINEMENTS

13663

0640

072580

OWNERSHIP

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 258.2 TO M.P. 264.3

TOWNSHIP-26 & 25-NORTH RANGE-13 & 12 WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO

APCG

DATE

1978

DATE

3-14-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-13-01-B-0-046

REV

3

DISTRIBUTION CODE

4680

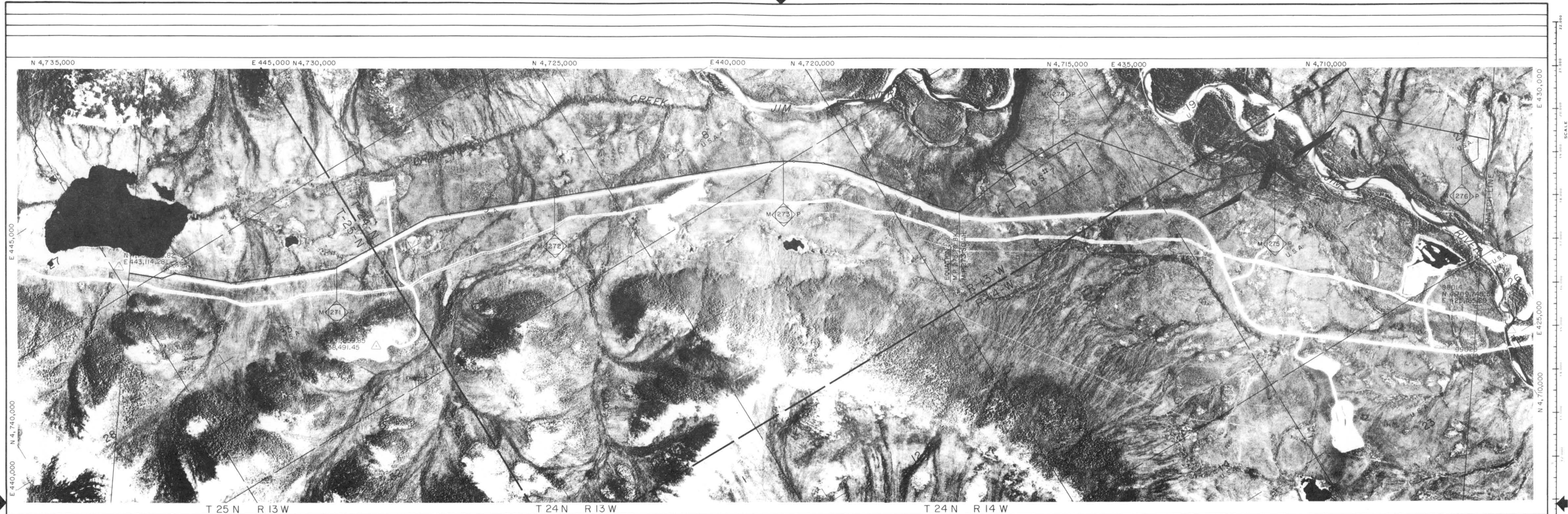
Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS, GRC, Inc.







Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

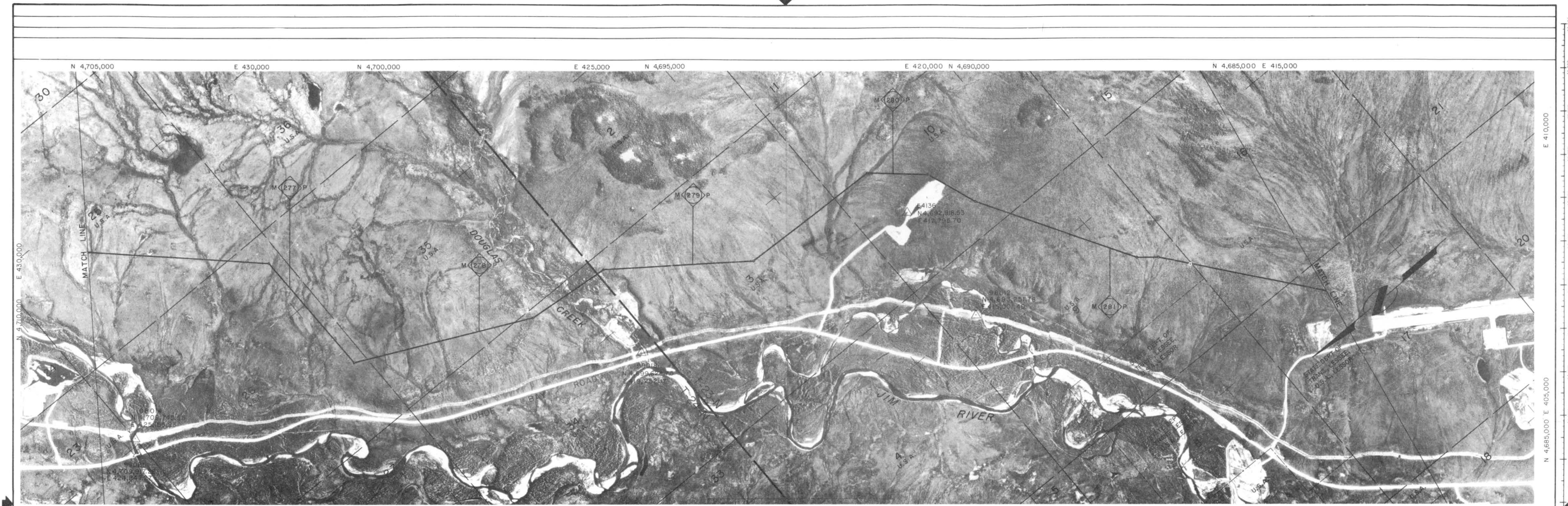


FOOTAGE		33,100'
PARCEL NO.		
OWNERSHIP		U. S. A.

REMARKS
---------

<p><b>LEGEND</b></p> <p>————— Surveyed township boundary</p> <p>----- Protracted township boundary</p> <p>————— Surveyed section line or special survey</p> <p>----- Protracted section line</p> <p>----- Unsurveyed entry, mining claim or lease limit</p> <p>----- Parcel boundary</p> <p>Lot corners and lot numbers</p> <p>Parcel number</p>	<p><b>REVISIONS</b></p> <table><tr><td>1</td><td>5-80</td><td>REVISED PIPELINE ROUTE &amp; MILEPOST</td></tr><tr><td>2</td><td>8-20-80</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>3</td><td>11-1-80</td><td>NO CHANGE ISSUED FOR RECORD ONLY</td></tr></table>	1	5-80	REVISED PIPELINE ROUTE & MILEPOST	2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE	3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY	<p><b>FLUOR</b></p> <p>PROJECT MANAGEMENT CONTRACTOR</p> <p><b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b></p> <p>48" NATURAL GAS PIPELINE</p> <p><b>OWNERSHIP</b></p> <p>M.P. 270.1 TO M.P. 276.0</p> <p>TOWNSHIP - 25 &amp; 24 - NORTH RANGE - 13 &amp; 14 - WEST</p> <p>MERIDIAN FAIRBANKS</p> <p>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</p> <p>PHOTO APCG DATE 1978 FLUOR DATE 5-14-80</p> <p>SCALE IN FEET 1" = 1000'</p> <p>DRAWING NUMBER 4680-13-00-B-0-048</p> <p>REV 3</p> <p>DISTRIBUTION CODE</p>
1	5-80	REVISED PIPELINE ROUTE & MILEPOST									
2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE									
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY									





FOOTAGE	30,030'	830'
PARCEL NO.		
OWNERSHIP	USA.	PROSPECT AIRPORT STATE, DEPT. OF TRANS LESSEE, USA, LESSOR
REMARKS		

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

LEGEND

1

3-80

REVISED PIPELINE ROUTE & MILEPOST

2

4-28-80

NO CHANGE ISSUED FOR RECORD ONLY

3

11-1-80

NO CHANGE ISSUED FOR RECORD ONLY

REVISIONS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 276.0 TO M.P. 282.0

TOWNSHIP-24&23-NORTH RANGE-14-WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO

APCG

DATE

1978

FLUOR

DATE

3-14-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-13-00-B-0-049

REV

3

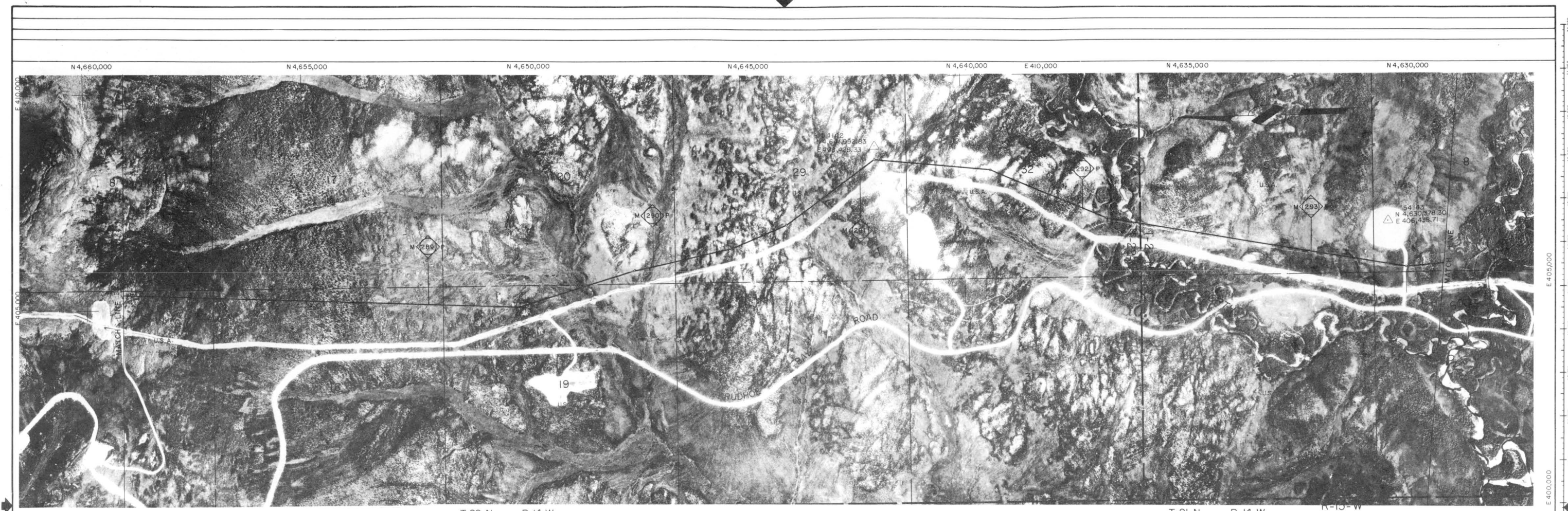
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77 78 79 80

DISTRIBUTION CODE







FOOTAGE	31,190'
PARCEL NO.	
OWNERSHIP	U.S.A.
REMARKS	

Preserved By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASE FOR PERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
4		NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE**

**OWNERSHIP**

M.P. 287.7 TO M.P. 293.6

TOWNSHIP - 22 & 21 - NORTH RANGE - 14 - WEST

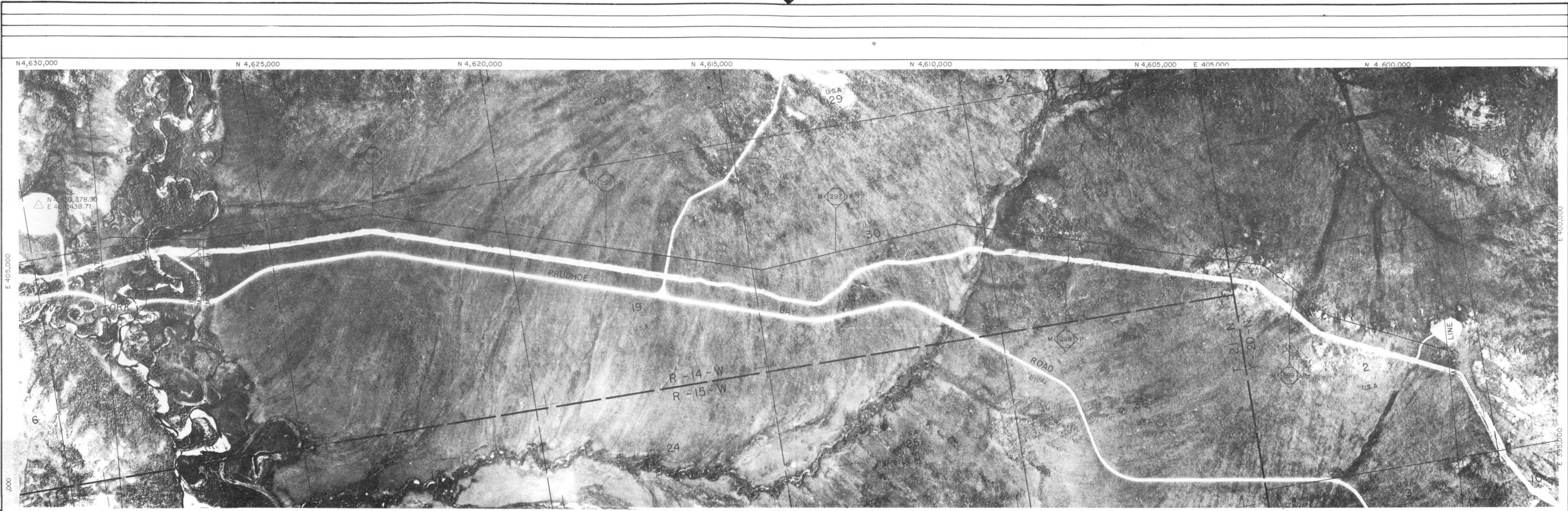
MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-13-00-B-0-051		3	

DISTRIBUTION CODE





FOOTAGE	31,000'
PARCEL NO.	
OWNERSHIP	U. S. A.

REMARKS
---------

**LEGEND**

————— Surveyed township boundary

----- Protracted township boundary

————— Surveyed section line or special survey

----- Protracted section line

----- Unsurveyed entry, mining claim or lease limit

————— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE  
**OWNERSHIP**  
M.P. 293.6 TO M.P. 299.7  
TOWNSHIP-21&20-NORTH RANGE-14&15-WEST  
MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	ARC	DATE	1978	FLUOR	DATE

SCALE IN FEET  
1" = 1000'

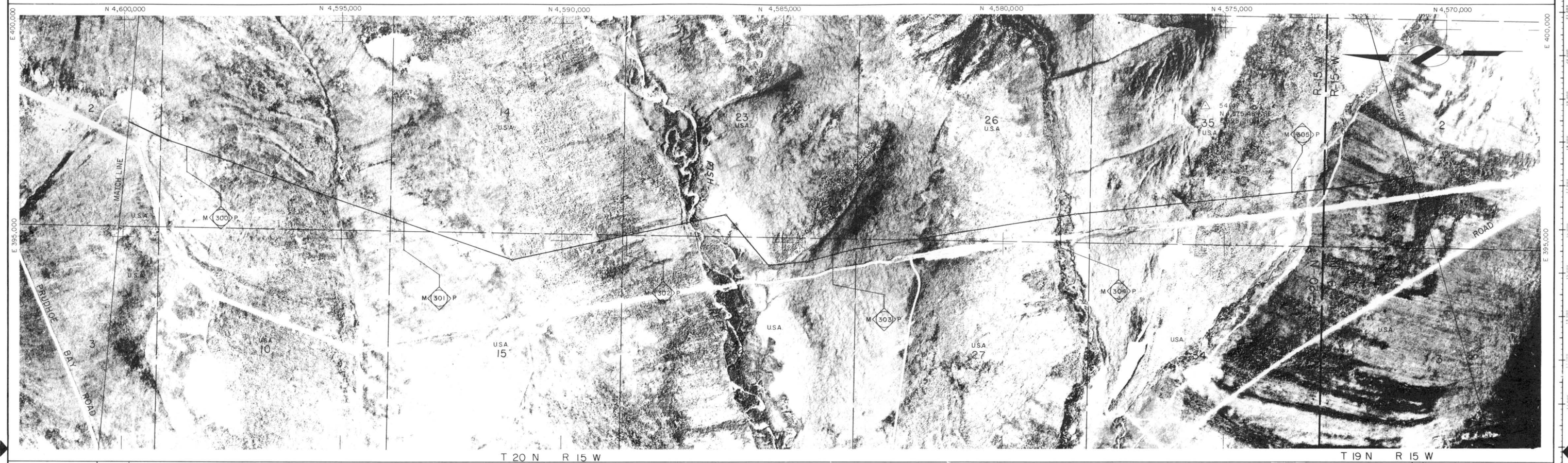
DRAWING NUMBER  
**4680-13-00-B-0-052**

REV  
**3**

DISTRIBUTION CODE

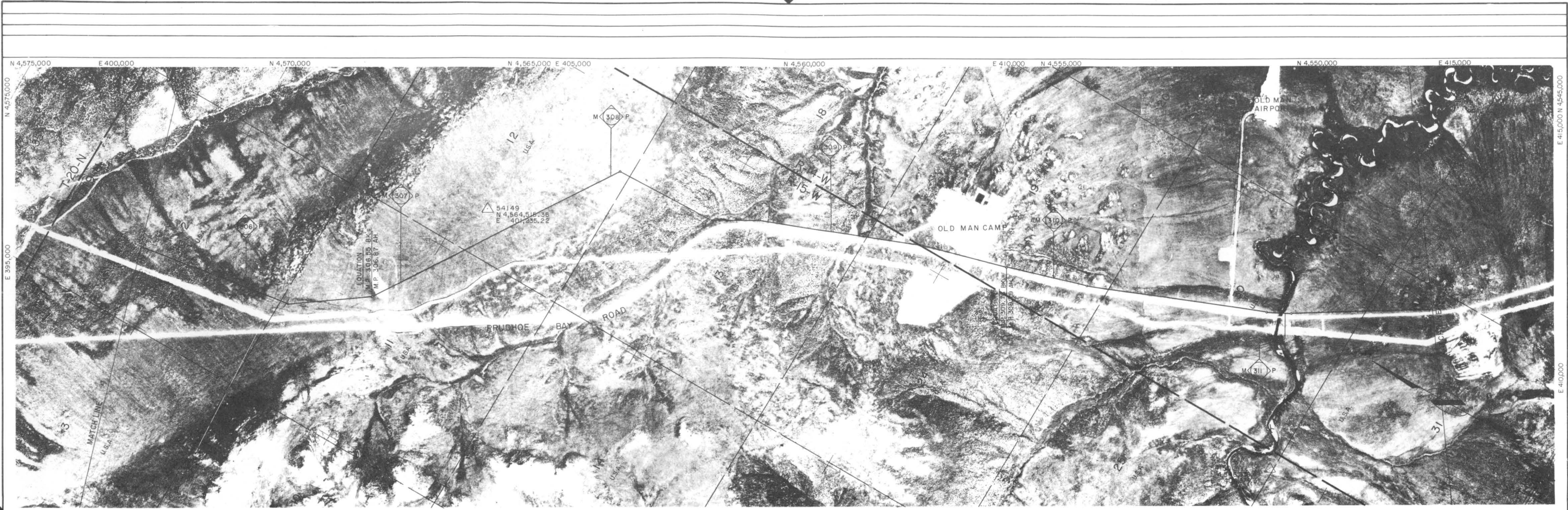
Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP





FOOTAGE		30,530'
PARCEL NO.		
OWNERSHIP		U. S. A.





FOOTAGE		30,440'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

REMARKS
---------

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 305.5 TO M.P. 311.6

TOWNSHIP - 19 - NORTH RANGE - 14 & 15 - WEST

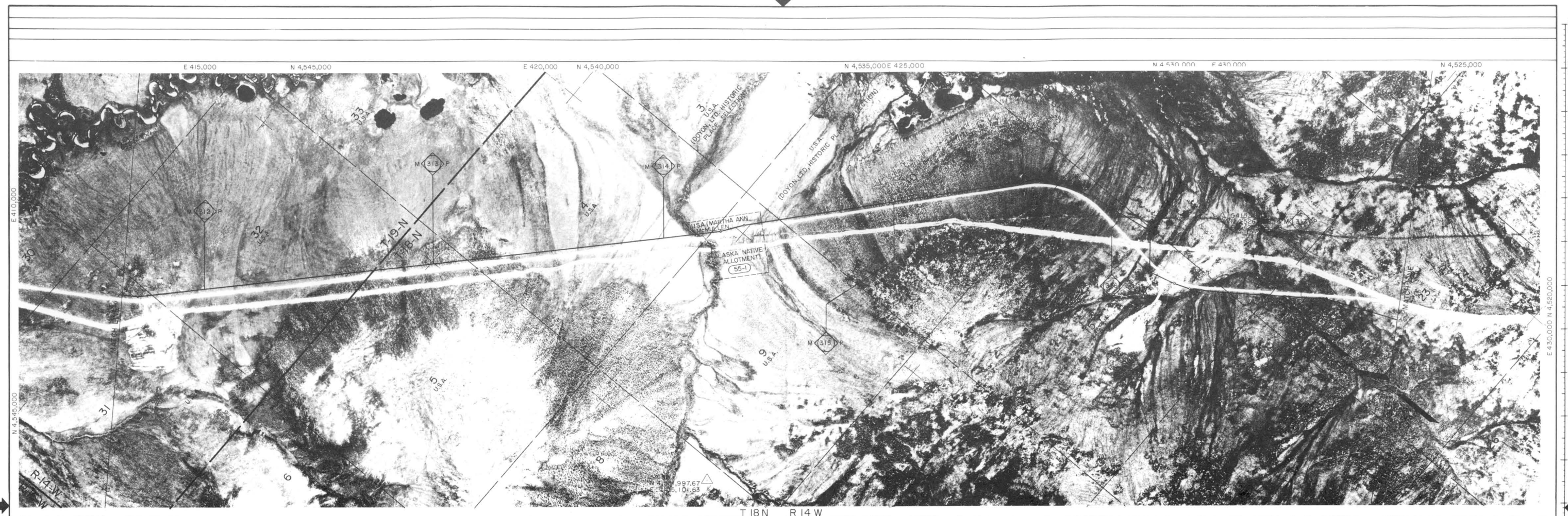
MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE
				N. [Signature]	DATE 3-14-80
SCALE IN FEET				DRAWING NUMBER	
1" = 1000'				4680-13-00-B-0-054	
				REV 3	

DISTRIBUTION CODE





FOOTAGE		13,150'	1,510'	410'	6,410'	9,020'	
PARCEL NO.			55-1				
OWNERSHIP		U.S.A.	U. S. A. (MARTHA ANN McMULLEN, ALASKA NATIVE ALLOTMENT)	U.S. A.	U.S.A. (DOYON, LTD., HISTORIC PLACE SELECTION)	U.S.A.	

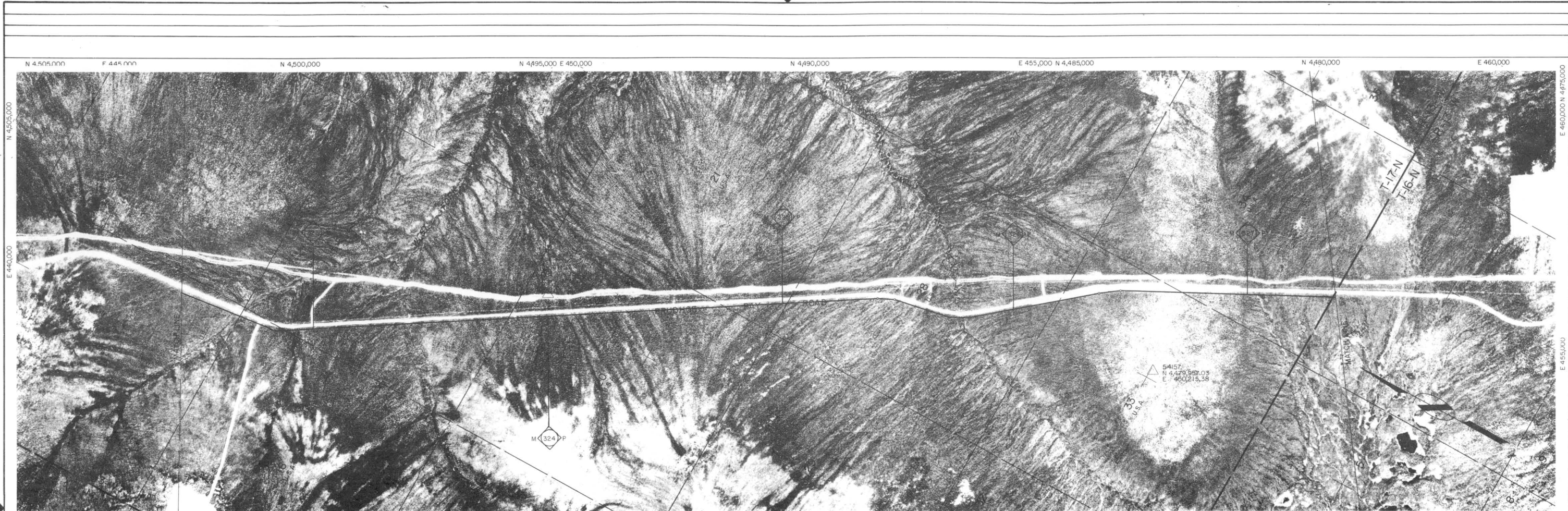
REMARKS

[illegible]









FOOTAGE		26,180'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 322.4 TO M.P. 327.4

**TOWNSHIP-17-NORTH RANGE-13-WEST**

**MERIDIAN FAIRBANKS**

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

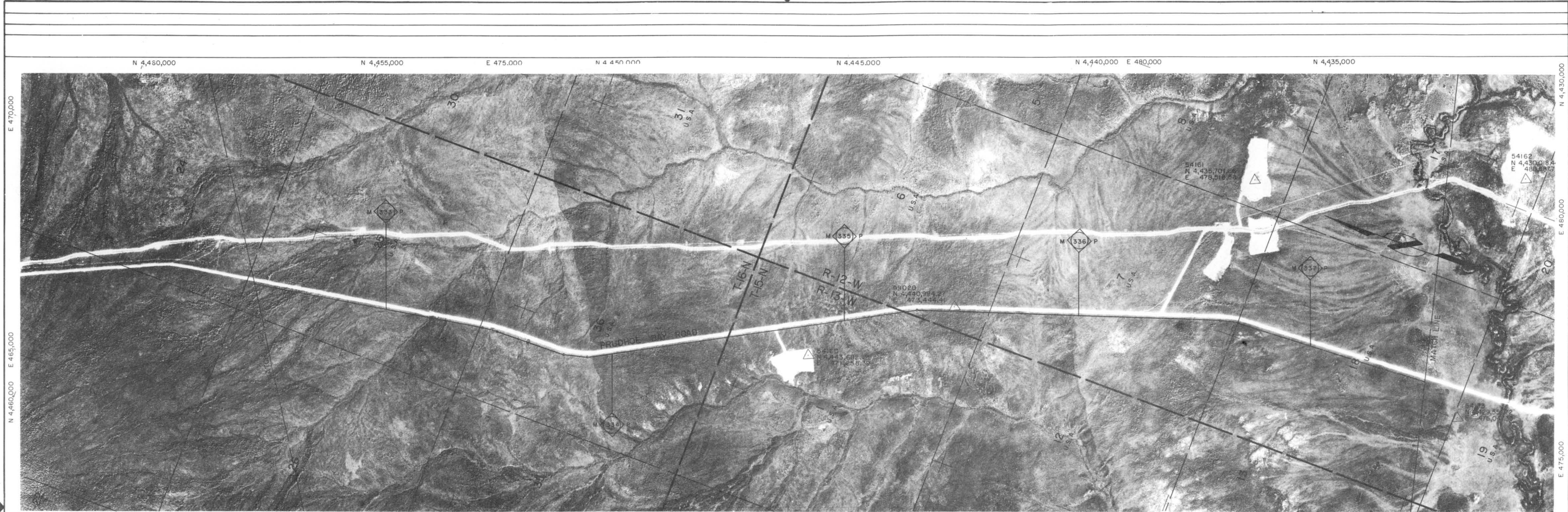
PHOTO	APCG	DATE	1978	FLUOR	DATE
				N.W. Pedley	DATE 5-14-80
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-13-00-B-0-057		3	

DISTRIBUTION CODE









FOOTAGE		26,730'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

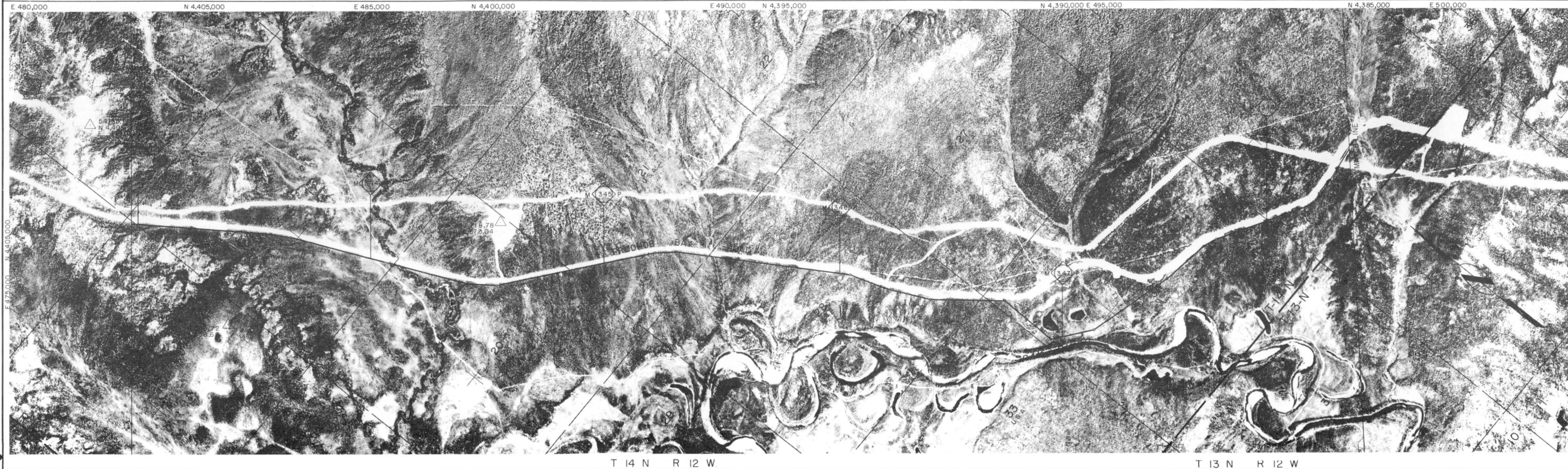
REMARKS

<p>Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP</p>	<p><b>LEGEND</b></p> <p>— Surveyed township boundary</p> <p>- - - - - Protracted township boundary</p> <p>— Surveyed section line or special survey</p> <p>- - - - - Protracted section line</p> <p>— Surveyed section line superseded by special survey</p> <p>— Parcel boundary</p> <p>Lot corners and lot numbers</p> <p>Protracted section number and corner where superseded by special survey</p> <p>Parcel number</p>	<p><b>REVISIONS</b></p> <table><tr><td>2</td><td>8-20-80</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>3</td><td>11-1-80</td><td>NO CHANGE ISSUED FOR RECORD ONLY</td></tr></table>	2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE	3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY	<p><b>FLUOR</b></p> <p>PROJECT MANAGEMENT CONTRACTOR</p> <p><b>NOTICE</b></p> <p>This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document, which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.</p>	<p><b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b></p> <p>48" NATURAL GAS PIPELINE</p> <p><b>OWNERSHIP</b></p> <p>M.P. 332.4 TO M.P. 337.5</p> <p>TOWNSHIP T16N, T15N RANGE R13W, R12W</p> <p>MERIDIAN FAIRBANKS</p> <p>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</p> <table><tr><td>PHOTO</td><td>APCG</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td><td>9/17/80</td></tr></table> <p>SCALE IN FEET</p> <p>1" = 1000'</p> <p>DRAWING NUMBER</p> <p>4680-13-00-B-0-059</p> <p>REV</p> <p>3</p> <p>DISTRIBUTION CODE</p>	PHOTO	APCG	DATE	1978	FLUOR	DATE	9/17/80
2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE															
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY															
PHOTO	APCG	DATE	1978	FLUOR	DATE	9/17/80											









FOOTAGE		29,120'
PARCEL NO.		
OWNERSHIP		U.S.A

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

— Protracted section line

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**OWNERSHIP**

48" NATURAL GAS PIPELINE

M.P. 343.0 TO M.P. 348.5

TOWNSHIP - 14 - NORTH RANGE - 12 - WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

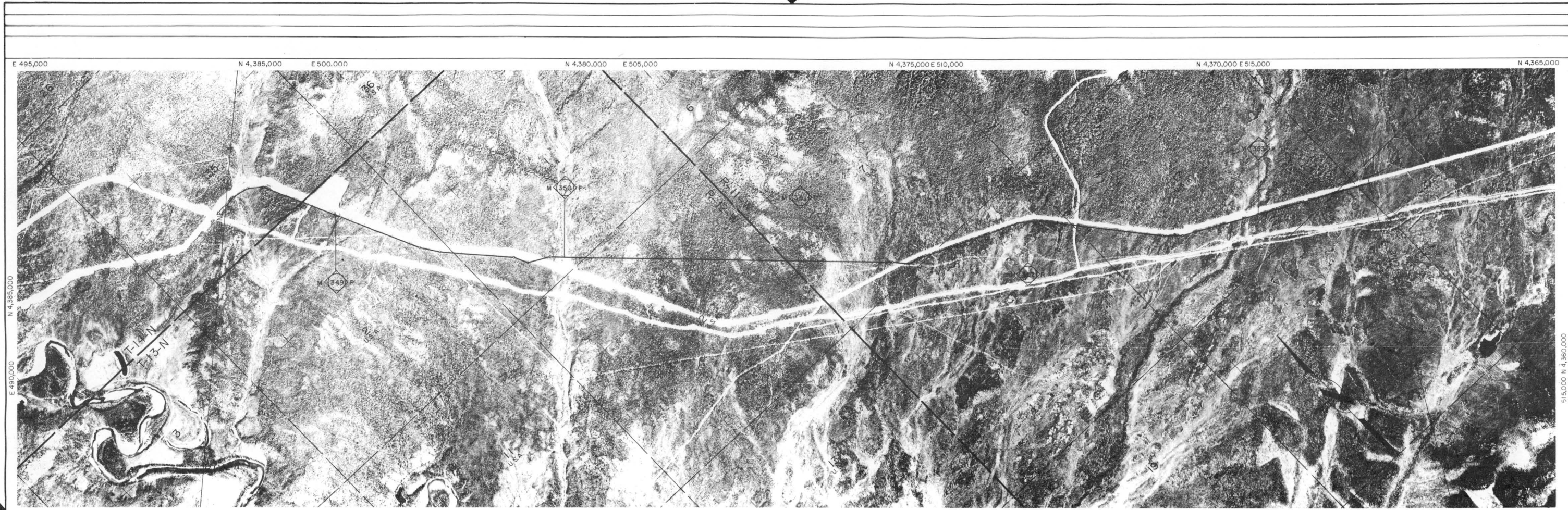
4680-13-00-B-0-061

REV

3

DISTRIBUTION CODE





FOOTAGE		26,510'	
PARCEL NO.			
OWNERSHIP		U. S. A.	
REMARKS			

	Surveyed township boundary		Unsurveyed entry, mining claim or lease limit
	Protracted township boundary		Parcel boundary
	Surveyed section line or special survey		Lot corners and lot numbers
	Protracted section line		Parcel number

REVISIONS		
1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR PERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NO CHANGE ISSUED FOR RECORD ONLY

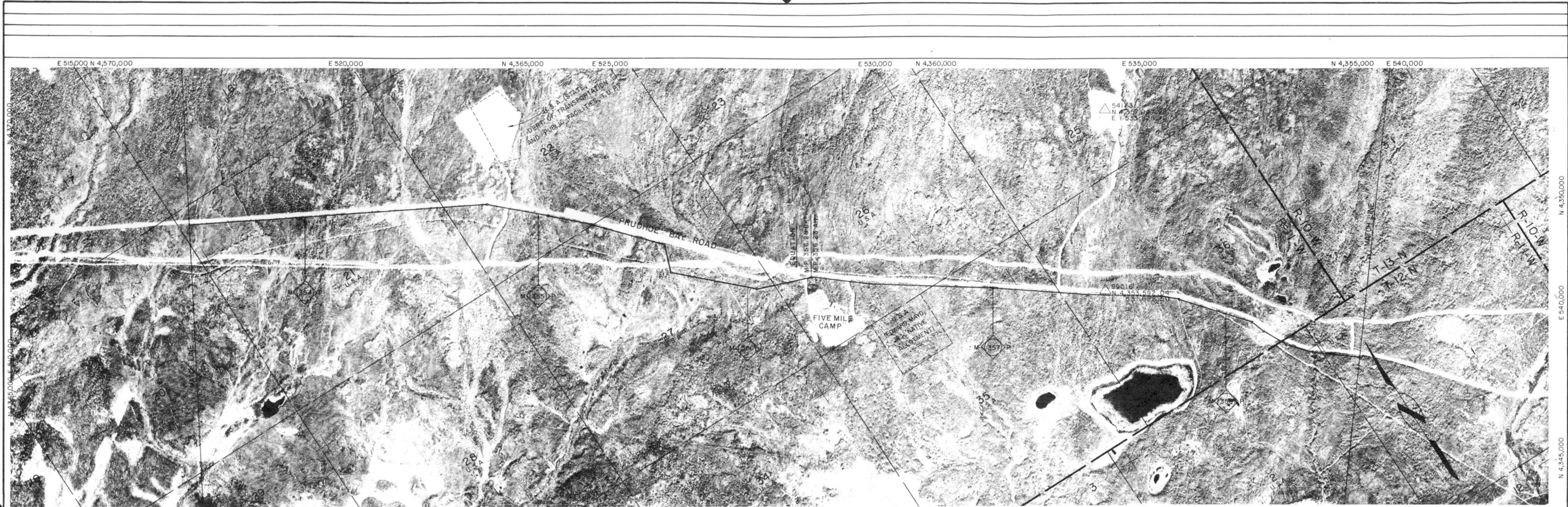
<b>FLUOR</b>
PROJECT MANAGEMENT CONTRACTOR
NOTICE
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<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b>			
48" NATURAL GAS PIPELINE			
OWNERSHIP			
M.P. 348.5 TO M.P. 353.5			
TOWNSHIP-14 & 13-NORTH RANGE-12 & 11-WEST			
MERIDIAN FAIRBANKS			
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM			
PHOTO	APCG	DATE	1978
FLUOR	DATE	DATE	3-14-80
SCALE IN FEET		DRAWING NUMBER	REV
1" = 1000'		4680-13-00-B-0-062	3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
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DISTRIBUTION CODE





FOOTAGE		26,600'	
PARCEL NO.			
OWNERSHIP		U.S.A.	

REMARKS

NOTE: Pipeline traverses portion of Five Mile Camp (airport).  
Temporary Use Permit from USA to Alyeska Pipeline Service Company, et al.

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease limit

Parcel boundary

46

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51

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52

Lot corners and lot numbers

00

Parcel number

1

3-80

REVISED MILEPOST

2

8-20-80

RELEASE FOR DDJ ROW GRANT COMPLIANCE

3

11-1-80

NOVEMBER 1980 ROUTE REFINEMENTS

NOTICE

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 353.5 TO M.P. 358.6

TOWNSHIP-13 & 12 NORTH RANGE-11-WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-13-00-B-0-063

REV

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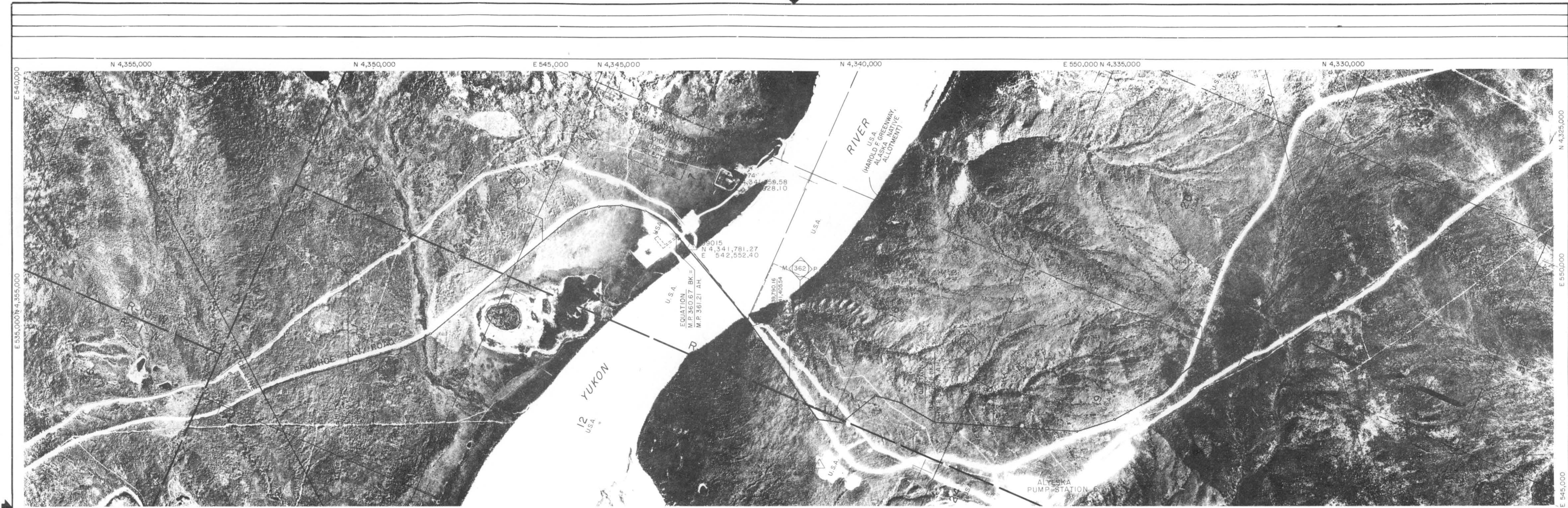
53

4680

77 76 75 93

DISTRIBUTION CODE





FOOTAGE		13,320'	2,330'	13,340'	
PARCEL NO.			64-1		
OWNERSHIP		U.S.A.	U.S.A. (SHIRLEY A. BUTLER, ALASKA NATIVE ALLOTMENT)	U.S.A.	

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

- - - - - Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

46 50 51 52

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASED FOR DOT/ROW GRANT COMPLIANCE
4		NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 358.6 TO M.P. 364.6

TOWNSHIP-12-NORTH RANGE-11 & 10-WEST

MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO APCG DATE 1978 FLUOR DATE

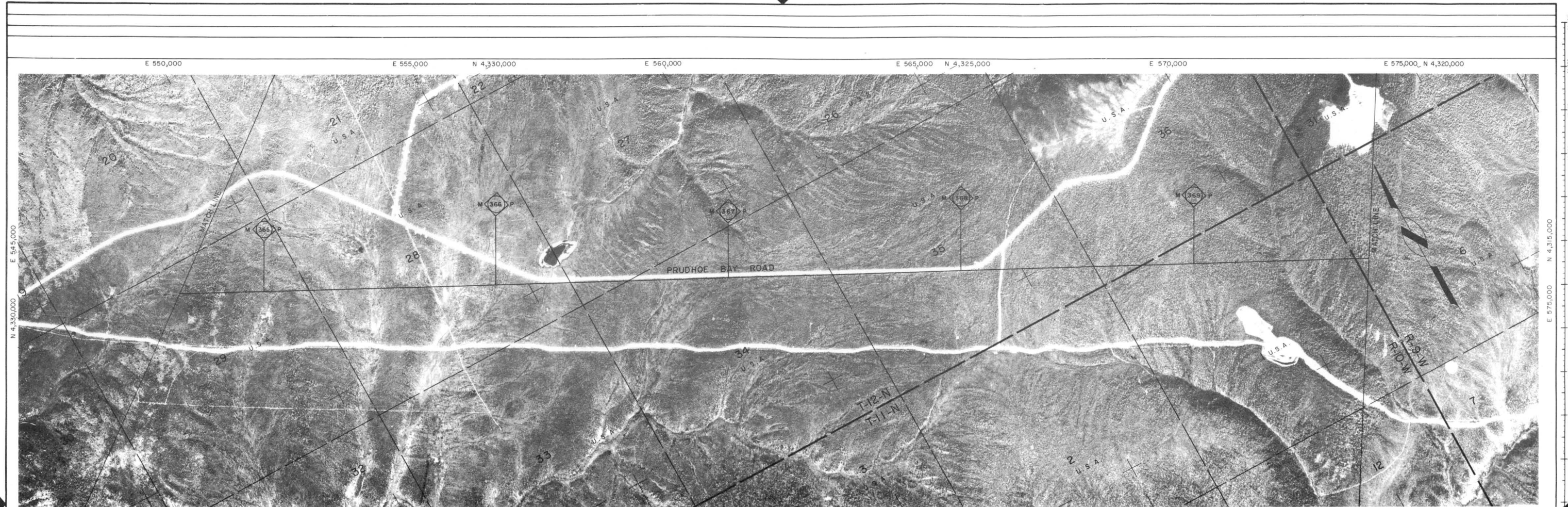
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DRAWING NUMBER 4680-13-00-B-0-064

REV 3

DISTRIBUTION CODE





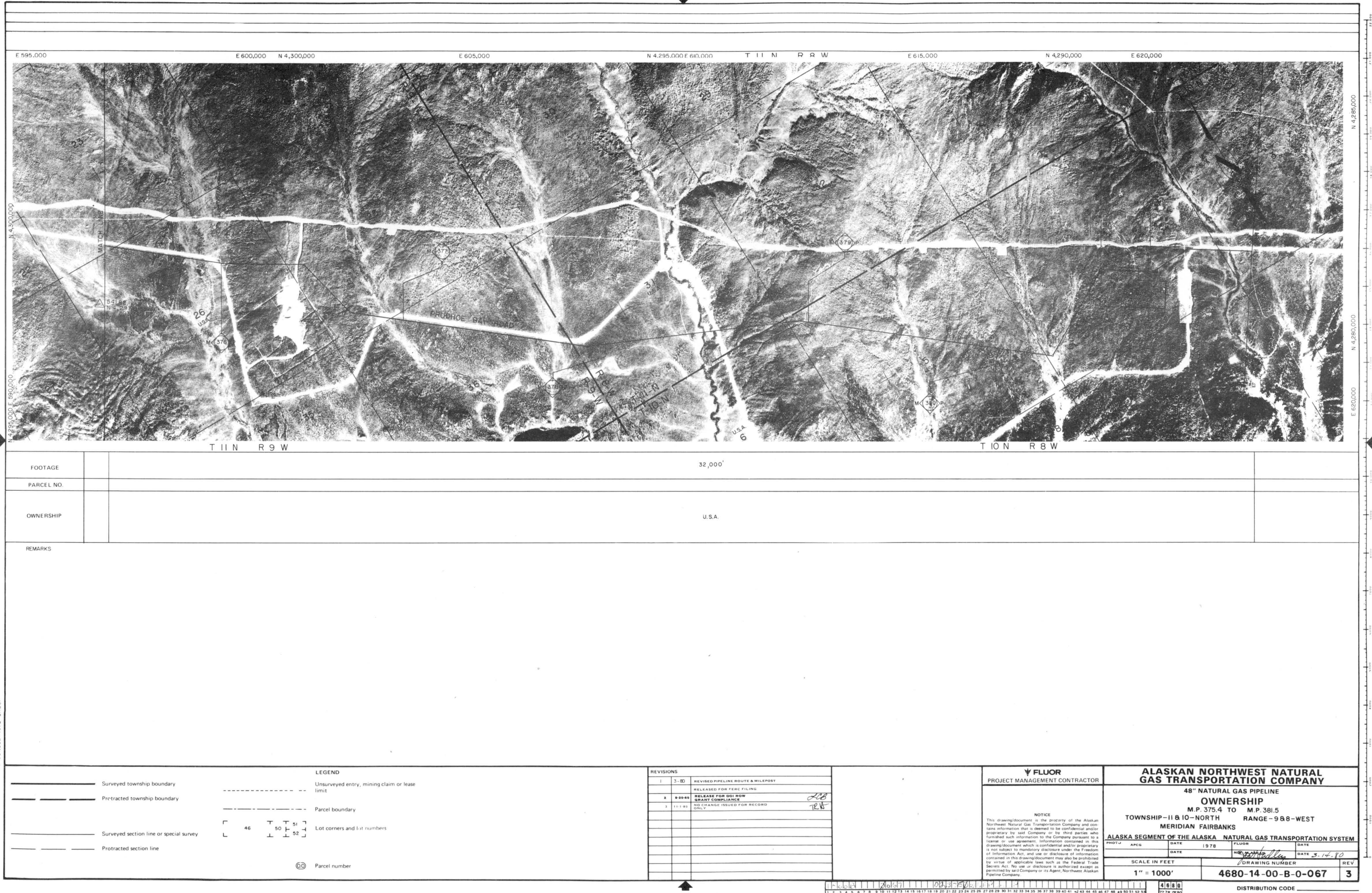
FOOTAGE		27,030'	
PARCEL NO.			
OWNERSHIP		U.S.A.	
REMARKS			

<p>LEGEND</p> <p>— Surveyed township boundary</p> <p>- - - Protracted township boundary</p> <p>— Surveyed section line or special survey</p> <p>- - - Protracted section line</p> <p>— Surveyed section line superseded by special survey</p> <p>— Parcel boundary</p> <p>— Lot corners and lot numbers</p> <p>— Protracted section number and corner where superseded by special survey</p> <p>— Parcel number</p>	<p>REVISIONS</p> <table><tr><td>1</td><td>8-30-80</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>2</td><td>11-1-80</td><td>NO CHANGE ISSUED FOR RECORD ONLY</td></tr></table>	1	8-30-80	RELEASE FOR DOI ROW GRANT COMPLIANCE	2	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY	<p>FLUOR</p> <p>PROJECT MANAGEMENT CONTRACTOR</p> <p>NOTICE</p> <p>This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.</p>	<p>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</p> <p>48" NATURAL GAS PIPELINE OWNERSHIP</p> <p>M.P. 364.6 TO M.P. 369.7</p> <p>TOWNSHIP T12N, T11N RANGE R10W, R9W MERIDIAN FAIRBANKS</p> <p>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</p> <table><tr><td>PHOTO</td><td>APCG</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td><td></td></tr><tr><td colspan="2">SCALE IN FEET</td><td colspan="2">DRAWING NUMBER</td><td colspan="2">REV</td></tr><tr><td colspan="2">1" = 1000'</td><td colspan="2">4680-13-00-B-0-065</td><td colspan="2">3</td></tr></table> <p>DISTRIBUTION CODE</p>	PHOTO	APCG	DATE	1978	FLUOR	DATE		SCALE IN FEET		DRAWING NUMBER		REV		1" = 1000'		4680-13-00-B-0-065		3	
1	8-30-80	RELEASE FOR DOI ROW GRANT COMPLIANCE																										
2	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY																										
PHOTO	APCG	DATE	1978	FLUOR	DATE																							
SCALE IN FEET		DRAWING NUMBER		REV																								
1" = 1000'		4680-13-00-B-0-065		3																								









FOOTAGE		32,000'
PARCEL NO.		
OWNERSHIP		U.S.A.

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Pretracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-30-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NO CHANGE ISSUED FOR RECORD

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**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE  
**OWNERSHIP**  
M.P. 375.4 TO M.P. 381.5  
TOWNSHIP-11 & 10-NORTH RANGE-9 & 8-WEST  
MERIDIAN FAIRBANKS

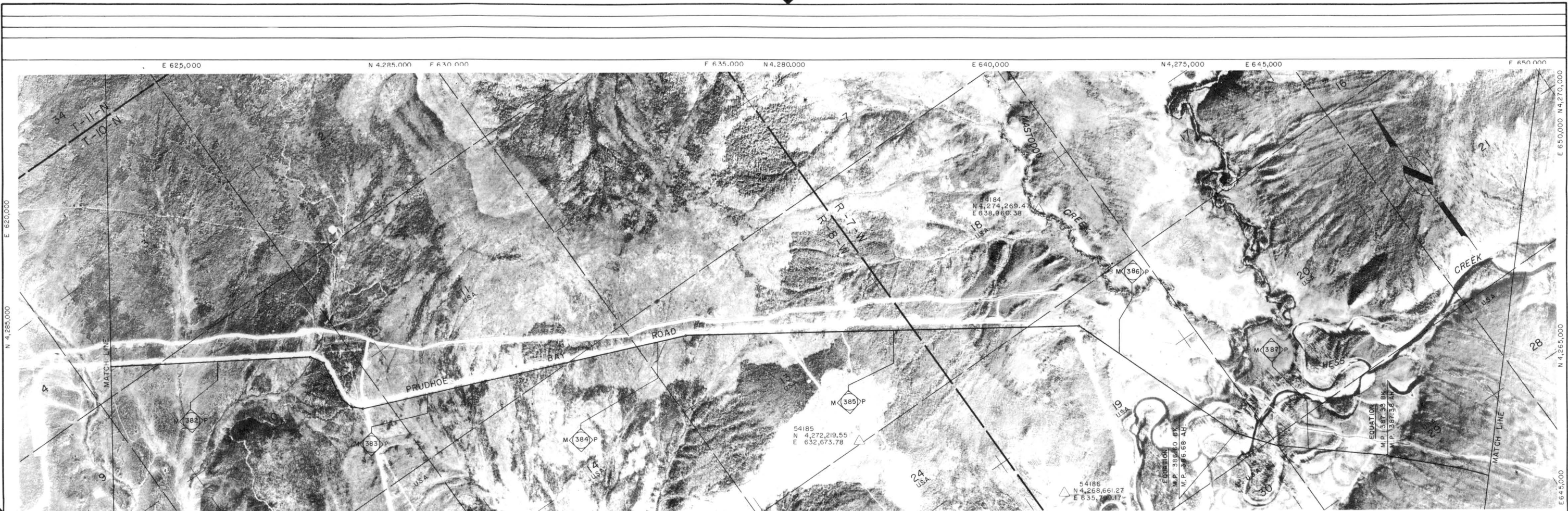
**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCS	DATE	1978	FLUOR	DATE	5-14-80
SCALE IN FEET		DRAWING NUMBER		REV		
1" = 1000'		4680-14-00-B-0-067		3		

DISTRIBUTION CODE



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE	32,520'
PARCEL NO.	
OWNERSHIP	U.S.A.
REMARKS	

**LEGEND**

— Surveyed township boundary  
- - - - - Unserved entry, mining claim or lease limit  
- - - - - Protracted township boundary  
— Parcel boundary  
— Surveyed section line or special survey  
- - - - - Protracted section line

Lot corners and lot numbers  
Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
4		NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE  
OWNERSHIP  
M.P. 381.5 TO M.P. 387.8  
TOWNSHIP-10-NORTH RANGE-887-WEST  
MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

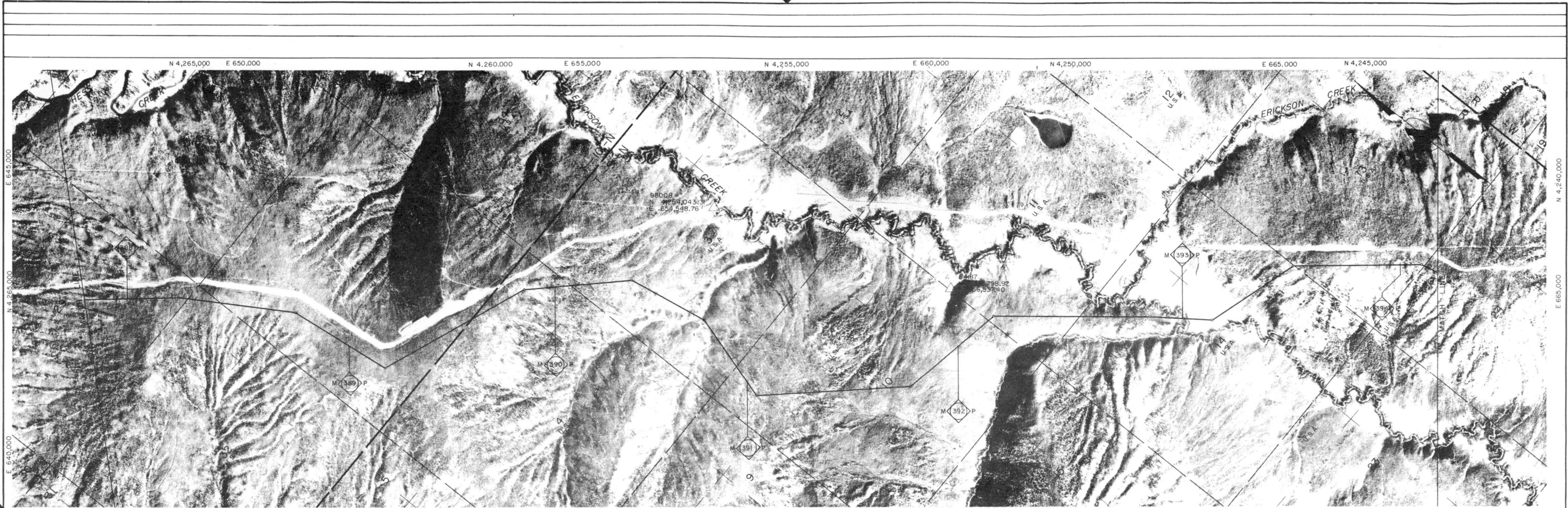
SCALE IN FEET  
1" = 1000'

DRAWING NUMBER  
4680-14-00-B-0-068

REV  
3

DISTRIBUTION CODE





FOOTAGE	33,400'
PARCEL NO.	
OWNERSHIP	U.S.A.
REMARKS	

REMARKS

**LEGEND**

— Surveyed township boundary  
- - - - - Protracted township boundary  
— Surveyed section line or special survey  
- - - - - Protracted section line

— Parcel boundary  
— Lot corners and lot numbers  
— Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	9-20-80	RELEASED FOR PERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
4		NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 387.8 TO M.P. 394.2

TOWNSHIP-10 & 9 NORTH RANGE-7-WEST

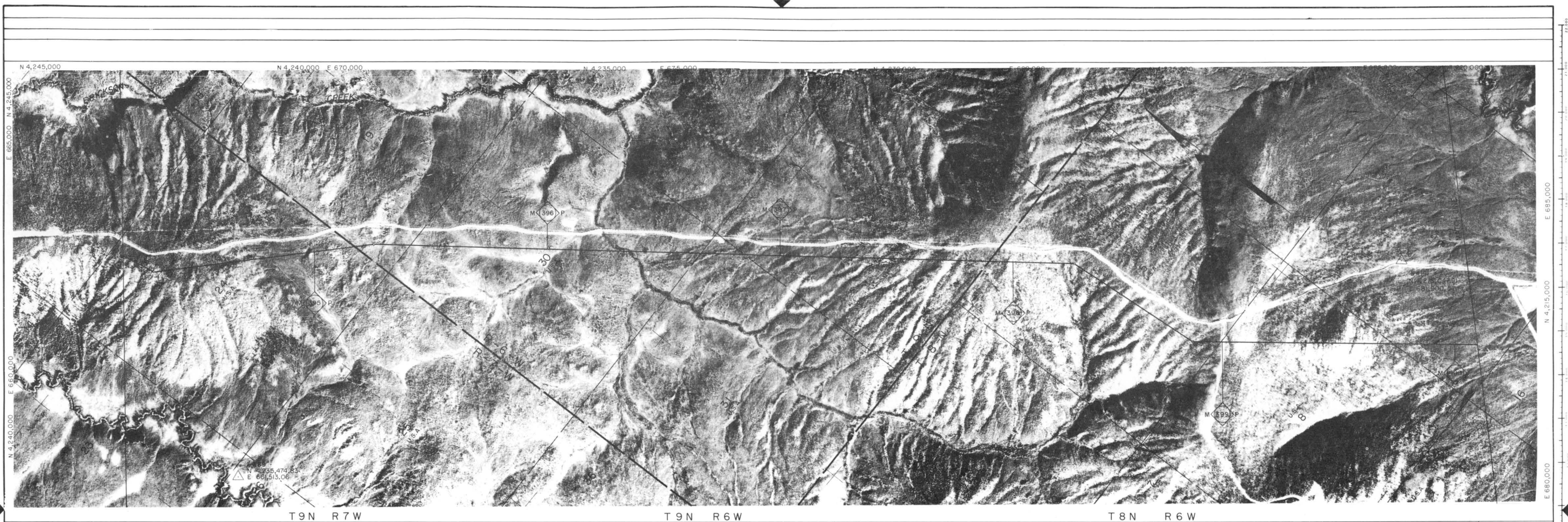
MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE	3-14-80
SCALE IN FEET			DRAWING NUMBER			REV
1" = 1000'			4680-14-00-B-0-069			3

DISTRIBUTION CODE

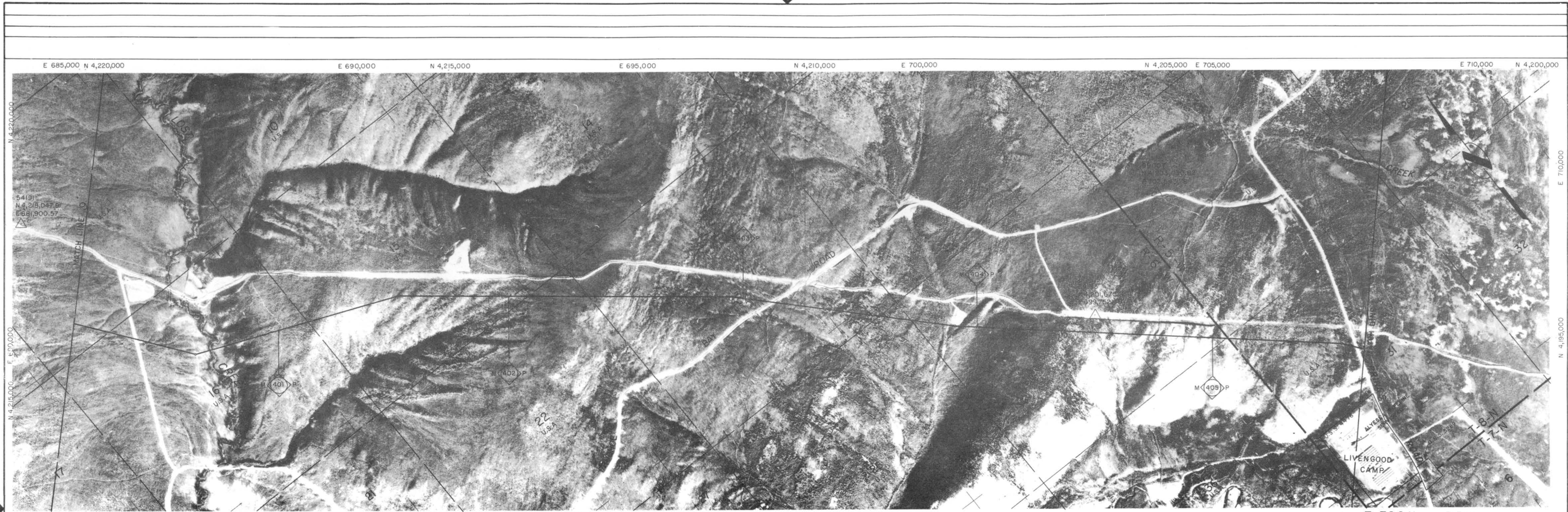




FOOTAGE		31,350'
PARCEL NO.		
OWNERSHIP		U.S.A.

</





FOOTAGE	29,310'
PARCEL NO.	
OWNERSHIP	U. S. A.
REMARKS	

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease

Parcel boundary

Lot corners and lot numbers

Parcel number

46

50

51

52

REVISIONS		
1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	5-20-80	RELEASE FOR FERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
4		NO CHANGE ISSUED FOR RECORD ONLY

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 400.1 TO M.P. 405.6

TOWNSHIP-8-NORTH RANGE-6&5-WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO APCG DATE 1978 FLUOR DATE 3-14-80

SCALE IN FEET 1" = 1000'

DRAWING NUMBER 4680-14-00-B-0-071

REV 3

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

4680 77 76 7580 DISTRIBUTION CODE





























FOOTAGE		3,490'	6,240'	18,980'	
PARCEL NO.					
OWNERSHIP		U.S.A.	STATE (PATENTED)	STATE (FAIRBANKS NORTH STAR BOROUGH, MUNICIPAL NOMINATION)	
REMARKS					

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

LEGEND

46

51

52

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 439.1 TO M.P. 444.5

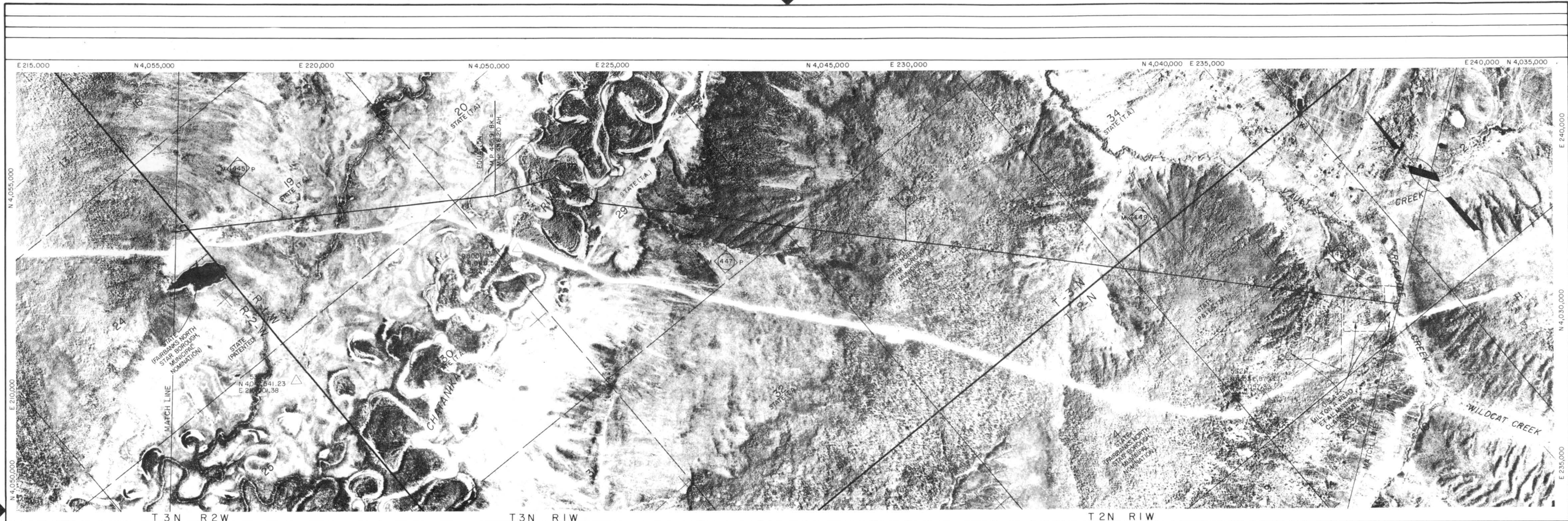
TOWNSHIP - 4 & 3-NORTH RANGE - 2-WEST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

DATE	1978	DATE	8-14-80
SCALE IN FEET	1" = 1000'	DRAWING NUMBER	6680-14-00-B-0-078
REV	3	DISTRIBUTION CODE	





FOOTAGE		300'	13,940'	7,460'	3,360'	1,600'	930'	300'
PARCEL NO.								
OWNERSHIP		STATE (FAIRBANKS NORTH STAR BOROUGH, MUNICIPAL NOMINATION)	STATE (T.A.)	STATE (FAIRBANKS NORTH STAR BOROUGH, MUNICIPAL NOMINATION)	STATE (PATENTED)	U.S.A.	U.S.A. (HILTON AREED ET AL, MINING CLAIMANTS)	U.S.A. (HILTON AREED ET AL, MINING CLAIMANTS) "GROUSE"

REMARKS

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS, GRC, Inc.

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-80-88	RELEASED FOR DEC. FILING
3	11-1-89	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 444.5 TO M.P. 450.1

TOWNSHIP - 3 & 2 - NORTH RANGE - 2 & 1 - WEST

MERIDIAN FAIRBANKS

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		1" = 1000'		DRAWING NUMBER	
				4680-14-00-B-0-079	
				REV 3	

DISTRIBUTION CODE









FOOTAGE	160'	23,640'	6,640'
PARCEL NO.			
OWNERSHIP	U.S.A.	U.S.A. (NASA)	STATE (PATENTED)

<p>Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP</p>	<p><b>LEGEND</b></p> <p>— Surveyed township boundary</p> <p>- - - - - Protracted township boundary</p> <p>— Surveyed section line or special survey</p> <p>- - - - - Protracted section line</p> <p>— Surveyed section line superseded by special survey</p> <p>— Parcel boundary</p> <p>— Lot corners and lot numbers</p> <p>— Protracted section number and corner where superseded by special survey</p> <p>— Parcel number</p>	<p><b>REVISIONS</b></p> <table><tr><td>2</td><td>8-20-80</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>1</td><td>1-1-80</td><td>MUSKOGEE TRAIL ROUTE REFINEMENTS</td></tr></table>	2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE	1	1-1-80	MUSKOGEE TRAIL ROUTE REFINEMENTS	<p><b>FLUOR</b></p> <p>PROJECT MANAGEMENT CONTRACTOR</p> <p><b>NOTICE</b></p> <p>This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.</p>	<p><b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b></p> <p>48" NATURAL GAS PIPELINE</p> <p><b>OWNERSHIP</b></p> <p>M.P. 455.2 TO M.P. 460.8</p> <p>TOWNSHIP T2N RANGE R1E</p> <p>MERIDIAN FAIRBANKS</p> <p>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</p> <table><tr><td>PHOTO</td><td>APCO</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td></tr><tr><td>MICHAEL BAKER, JR., INC.</td><td>DATE</td><td>DATE</td><td>10-7-80</td><td>DATE</td><td></td></tr></table> <p>SCALE IN FEET 1" = 1000'</p> <p>DRAWING NUMBER 4680-14-00-B-0-081</p> <p>REV 3</p> <p>DISTRIBUTION CODE</p>	PHOTO	APCO	DATE	1978	FLUOR	DATE	MICHAEL BAKER, JR., INC.	DATE	DATE	10-7-80	DATE	
2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE																				
1	1-1-80	MUSKOGEE TRAIL ROUTE REFINEMENTS																				
PHOTO	APCO	DATE	1978	FLUOR	DATE																	
MICHAEL BAKER, JR., INC.	DATE	DATE	10-7-80	DATE																		















Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



—	Surveyed township boundary	---	Unsurveyed entry, mining claim or lease limit
---	Protracted township boundary	---	Parcel boundary
---	Surveyed section line or special survey	+	Lot corners and lot numbers
---	Protracted section line	+	Protracted section number and corner where superseded by special survey
---	Surveyed section line superseded by special survey	+	Parcel number

REVISIONS	
1	0-20-80 RELEASE FOR DOI NEW GRANT COMPLIANCE ONLY
2	11-1-80
3	
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FLUOR  
PROJECT MANAGEMENT CONTRACTOR

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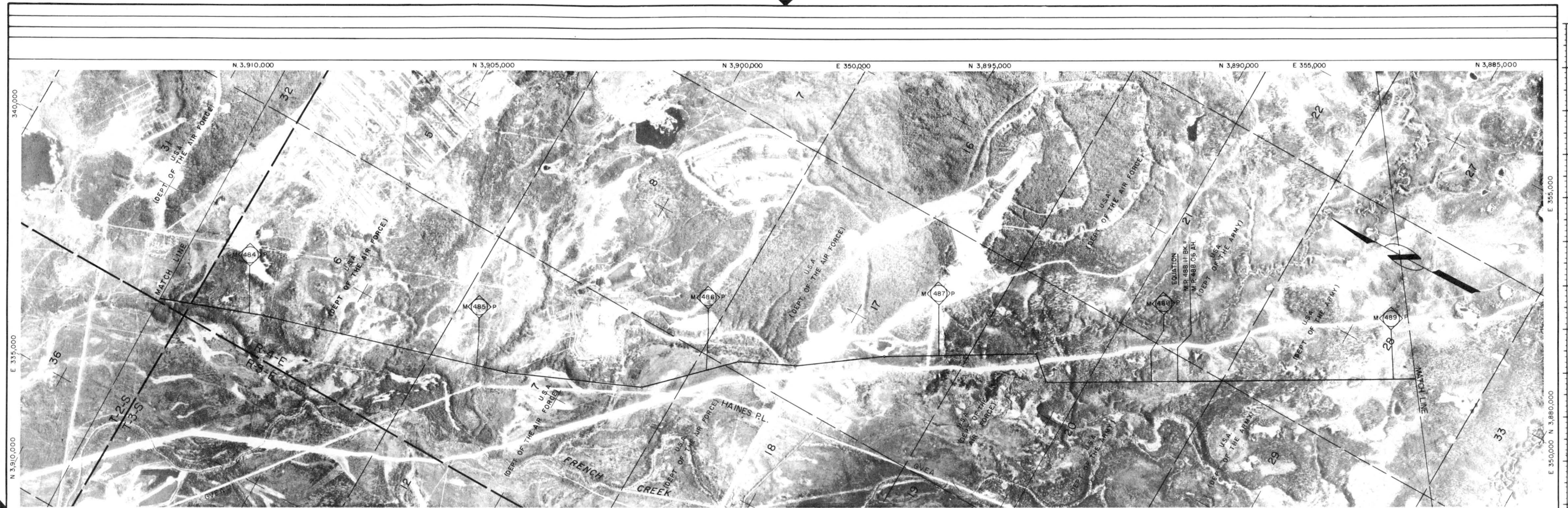
ALASKAN NORTHWEST NATURAL  
GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE  
OWNERSHIP  
M.P. 478.2 TO M.P. 483.6  
TOWNSHIP T2S, T3S RANGE R4E, R3E  
MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM	
PHOTO APCG	DATE 1978
MICHAEL BAKER, JR., INC.	DATE 10-7-80
SCALE IN FEET	DRAWING NUMBER
1" = 1000'	4680-14-00-B-0-085
	REV 3

DISTRIBUTION CODE





FOOTAGE		21,720'		7,480'	
PARCEL NO.					
OWNERSHIP		U.S.A. (DEPT. OF THE AIR FORCE)		U.S.A. (DEPT. OF THE ARMY)	
REMARKS					

<b>LEGEND</b> — Surveyed township boundary - - - - - Protracted township boundary — Surveyed section line or special survey - - - - - Protracted section line — Surveyed section line superseded by special survey  — Unsurveyed entry, mining claim or lease limit — Parcel boundary + Lot corners and lot numbers + Protracted section number and corner where superseded by special survey + Parcel number	<b>REVISIONS</b> <table><tr><td>1</td><td>4-28-76</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>2</td><td>11-1-80</td><td>NOVEMBER 1980 ROUTE REFINEMENTS</td></tr></table>	1	4-28-76	RELEASE FOR DOI ROW GRANT COMPLIANCE	2	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secrets Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b> 48" NATURAL GAS PIPELINE <b>OWNERSHIP</b> M.P. 483.6 TO M.P. 489.1 TOWNSHIP T3S RANGE R4E MERIDIAN FAIRBANKS <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> PHOTO APCG DATE 1978 FLUOR DATE 9/17/80 MICHAEL BAKER JR., INC. DATE SCALE IN FEET 1" = 1000' DRAWING NUMBER 4680-14-00-B-0-086 REV 3 DISTRIBUTION CODE
1	4-28-76	RELEASE FOR DOI ROW GRANT COMPLIANCE							
2	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS							



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE		9,790'	220'	1490'	16,890'	
PARCEL NO.						
OWNERSHIP		U.S.A. (DEPT. OF THE ARMY)	STATE (PATENTED)	U.S.A. (DEPT. OF THE ARMY)	STATE (PATENTED)	

REMARKS

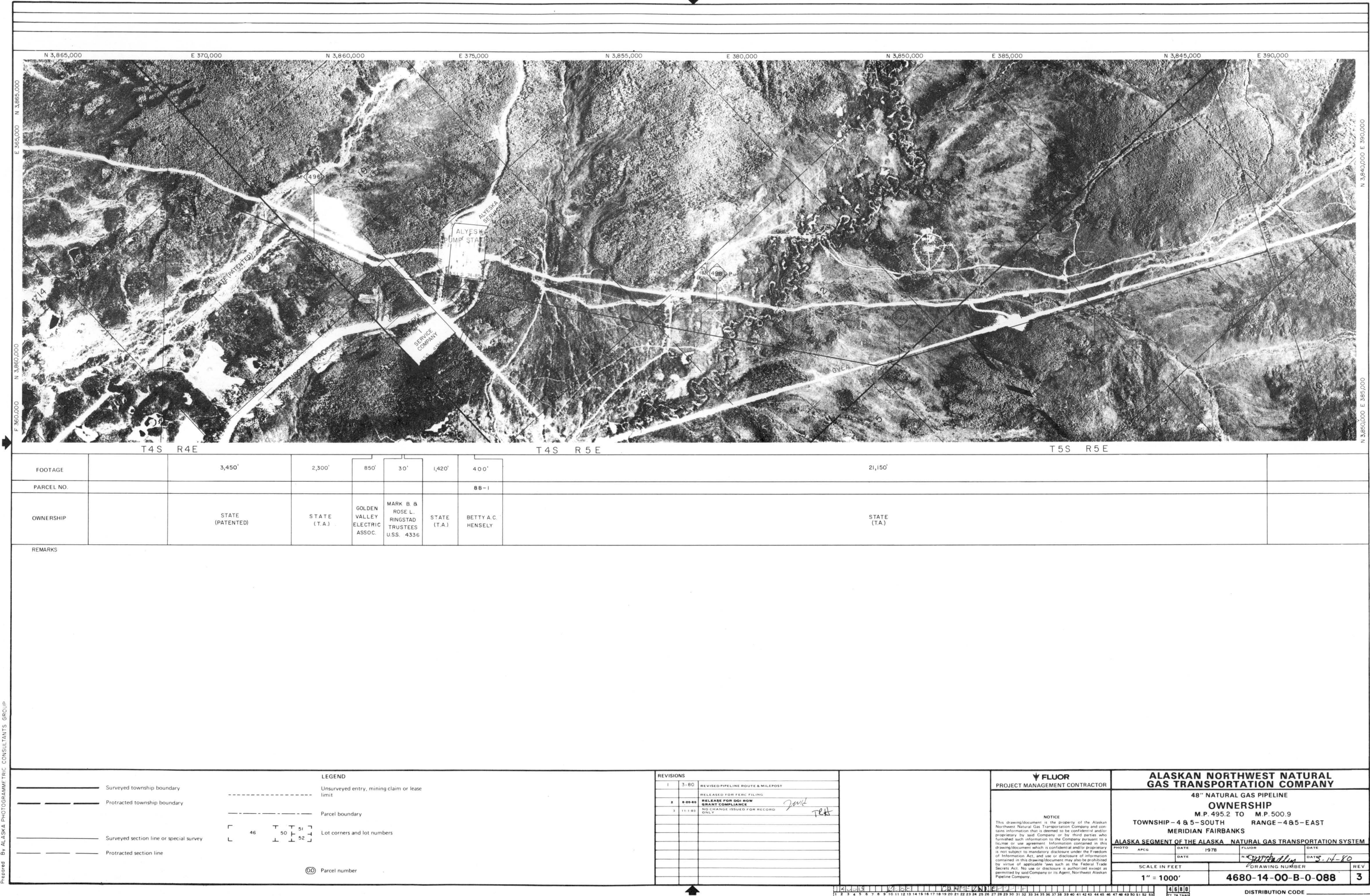
CS11

NOTE:  
Within T.4S., R.4E. protractors are shown according to positions inferred from township exterior boundaries on B.L.M. plat accepted August 1, 1967 rather than from B.L.M. official protraction diagrams.

<b>LEGEND</b> —— Surveyed township boundary - - - - - Protracted township boundary —— Surveyed section line or special survey - - - - - Protracted section line  —— Parcel boundary Lot corners and lot numbers Parcel number	<b>REVISIONS</b> <table><tr><td>1</td><td>3-80</td><td>REVISED PIPELINE ROUTE &amp; MILEPOST</td></tr><tr><td>2</td><td>8-20-80</td><td>RELEASED FOR PERC FILING</td></tr><tr><td>3</td><td>1-1-80</td><td>RELEASE FOR DOI ROW GRANT COMPLIANCE</td></tr><tr><td>4</td><td>1-1-80</td><td>NO CHANGE ISSUED FOR RECORD ONLY</td></tr></table>	1	3-80	REVISED PIPELINE ROUTE & MILEPOST	2	8-20-80	RELEASED FOR PERC FILING	3	1-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE	4	1-1-80	NO CHANGE ISSUED FOR RECORD ONLY	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b>  48" NATURAL GAS PIPELINE <b>OWNERSHIP</b> M.P. 489.1 TO M.P. 495.2 TOWNSHIP-38.4-SOUTH RANGE-4-EAST MERIDIAN FAIRBANKS  <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> <table><tr><td>PHOTO</td><td>APCG</td><td>DATE</td><td>1978</td><td>FLUOR</td><td>DATE</td><td>5-14-80</td></tr><tr><td colspan="2">SCALE IN FEET</td><td colspan="2">1" = 1000'</td><td colspan="2">DRAWING NUMBER</td><td>4680-14-00-B-0-087</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">REV</td><td>3</td></tr></table> DISTRIBUTION CODE	PHOTO	APCG	DATE	1978	FLUOR	DATE	5-14-80	SCALE IN FEET		1" = 1000'		DRAWING NUMBER		4680-14-00-B-0-087					REV		3
1	3-80	REVISED PIPELINE ROUTE & MILEPOST																																		
2	8-20-80	RELEASED FOR PERC FILING																																		
3	1-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE																																		
4	1-1-80	NO CHANGE ISSUED FOR RECORD ONLY																																		
PHOTO	APCG	DATE	1978	FLUOR	DATE	5-14-80																														
SCALE IN FEET		1" = 1000'		DRAWING NUMBER		4680-14-00-B-0-087																														
				REV		3																														



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE		3,450'	2,300'	850'	30'	1,420'	400'	21,150'	
PARCEL NO.							88-1		
OWNERSHIP		STATE (PATENTED)	STATE (T.A.)	GOLDEN VALLEY ELECTRIC ASSOC.	MARK B. B. ROSE L. RINGSTAD TRUSTEES U.S.S. 4336	STATE (T.A.)	BETTY A.C. HENSELY	STATE (T.A.)	
REMARKS									

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	5-80	REVISED PIPELINE ROUTE & MILEPOST
2	9-20-80	RELEASE FOR DOI HOW GRANT COMPLIANCE
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 495.2 TO M.P. 500.9

TOWNSHIP - 4 & 5 - SOUTH RANGE - 4 & 5 - EAST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO

APCG

DATE

1978

FLUOR

DATE

12-14-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-14-00-B-0-088

REV

3

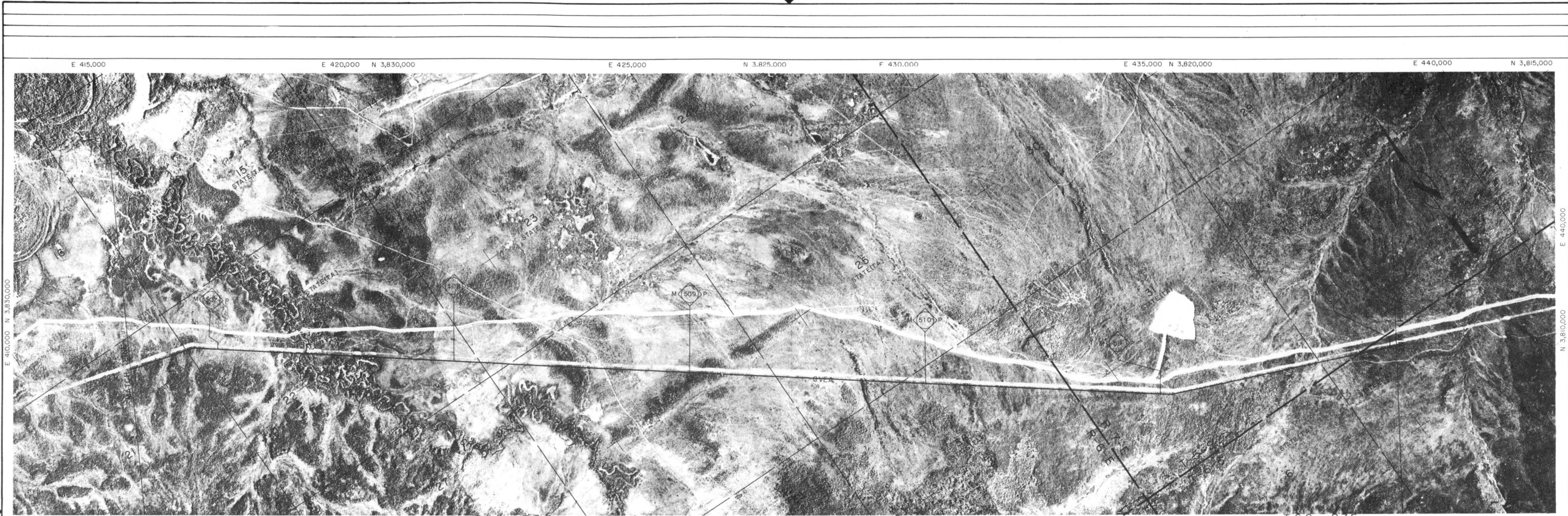
DISTRIBUTION CODE

4680









FOOTAGE		28,570'
PARCEL NO.		
OWNERSHIP		STATE (T.A.)

REMARKS
---------

**LEGEND**

————— Surveyed township boundary

----- Protracted township boundary

————— Surveyed section line or special survey

----- Protracted section line

----- Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	NO CHANGE ISSUED FOR RECORD ONLY
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 506.6 TO M.P. 512.0

TOWNSHIP-5&6-SOUTH RANGE-6&7-EAST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-15-00-B-0-090

REV

3

DISTRIBUTION CODE

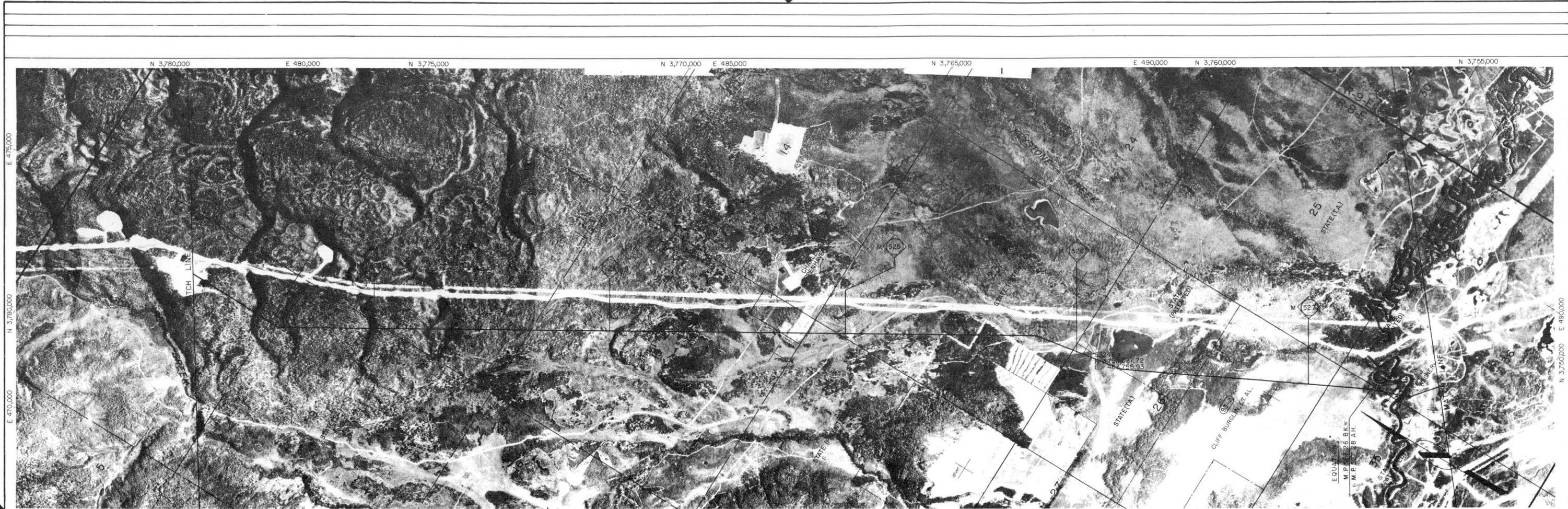












FOOTAGE		13,550'	590'	6,020	1,030'	1,810'	2,960'	2,530'	
PARCEL NO.			93-1				93-2		
OWNERSHIP		STATE (T.A.)	CHARLES A. KOPPENHAVER, JR.	STATE (PATENTED)	STATE (T.A.)	STATE (PATENTED)	CLIFF BURGLEY ET AL.	STATE (PATENTED)	

REMARKS

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-29-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 522.2 TO M.P. 527.6

TOWNSHIP-7-SOUTH RANGE-8-EAST

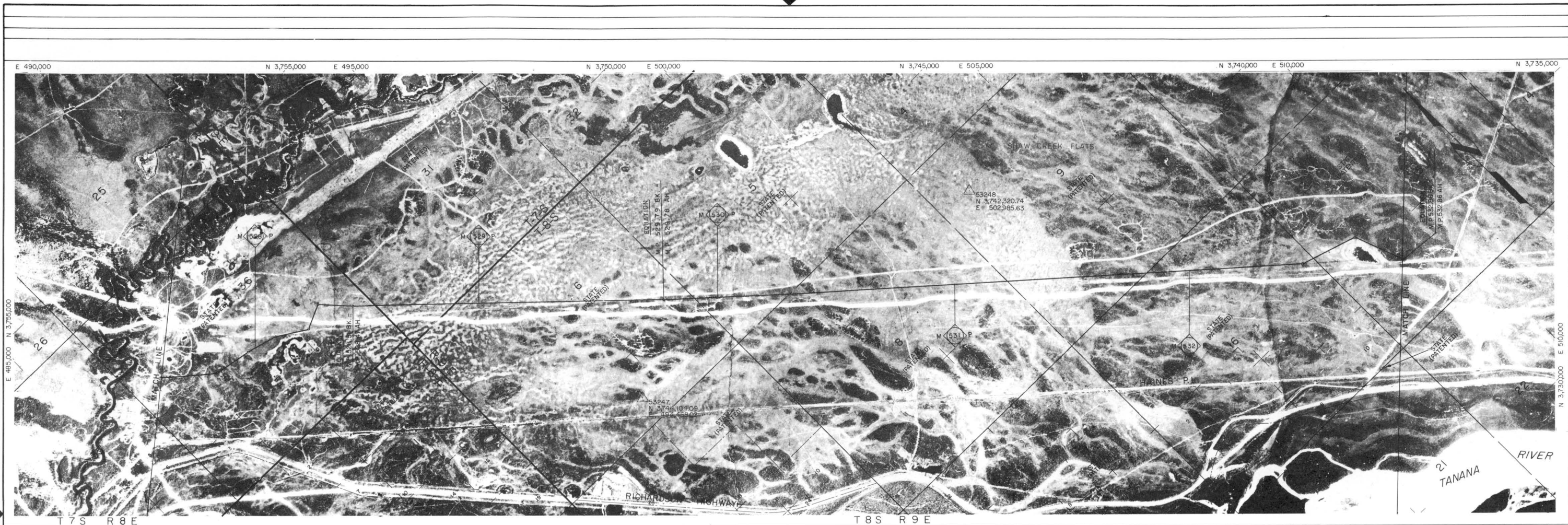
MERIDIAN FAIRBANK

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-15-00-B-0-093		3	

DISTRIBUTION CODE





FOOTAGE	28,770'
PARCEL NO.	
OWNERSHIP	STATE (PATENTED)

REMARKS
---------

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-28-80	RELEASED FOR PERC FILING
3	11-1-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
		NOVEMBER 1980 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 527.6 TO M.P. 532.96 BK = M.P. 532.86 AH.

TOWNSHIP - 7 & 8 - SOUTH RANGE - 8 & 9 - EAST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-15-00-B-0-094

REV

3

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS, GROUP





FOOTAGE		32,980'	
PARCEL NO.			
OWNERSHIP		STATE (PATENTED)	

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Surveyed section line superseded by special survey

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Protracted section number and corner where superseded by special survey

Parcel number

46

50

51

52

8

REVISIONS

2	8-20-80	RELEASE FOR DOI ROW GRANT COMPLIANCE
3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 532.96 BK. = M.P. 532.86 AH. TO M.P. 539.1

TOWNSHIP T8S, T9S RANGE R10E, R9E

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE
MICHAEL BAKER, JR., INC.		DATE		H.C. BAKER, JR.	DATE 10-8-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-15-00-B-0-095

REV

3

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

15000 10000 02532000025170

4680

77787980

DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS, GROUP









FOOTAGE		2,140'	17,120'	4,030'	1,025'	4,490'	70'	770'
PARCEL NO.		96-8					97-1	97-2
OWNERSHIP		RONALD A. MULL	STATE (PATENTED)	STATE (PATENTED)	DELTA JUNCTION MUNICIPAL SELECTION	STATE (PATENTED)	RAINBOW INC.	JULIUS KUSZ

REMARKS

LEGEND

- Surveyed township boundary
- Protracted township boundary
- Surveyed section line or special survey
- Protracted section line

LEGEND

- Unsurveyed entry, mining claim or lease limit
- Parcel boundary
- Lot corners and lot numbers
- Parcel number

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-88	NO CHANGE ISSUED FOR RECORD ONLY
3	11-1-88	NOVEMBER 1980 ROUTE REFINEMENTS

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FLUOR PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 543.3 TO M.P. 549.0

TOWNSHIP-9&10-SOUTH RANGE-10&11-EAST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-15-00-B-0-097		3	

DISTRIBUTION CODE

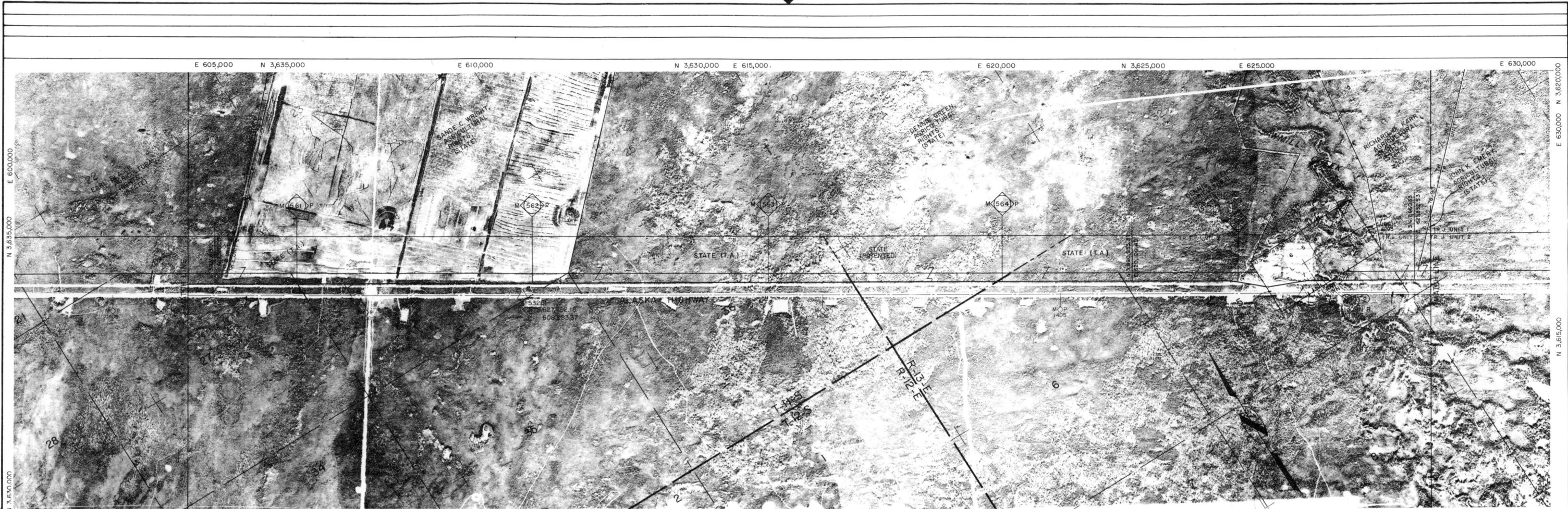












FOOTAGE		14,865'	3,250'	6,080'	1,120'	370'	2,210'	
PARCEL NO.					100-1	100-2	100-3	
OWNERSHIP		STATE (T.A.)	STATE (PATENTED)	STATE (T.A.)	DAN SPLAIN	JOHN R. WOODS JR.	LELAND BROWN CONSTRUCTION LIMITS OF R/W MAY INTERSECT PROPERTY	STATE (T.A.)
REMARKS								

—

Surveyed township boundary

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Protracted township boundary

—

Surveyed township boundary superseded by special survey (U.S.S., M.S. or A.S.L.S.)

—

Surveyed section line or special survey

---

Protracted section line

—

Surveyed section line superseded by special survey

—

Unsurveyed entry, mining claim or lease limit

—

Parcel boundary

46 50 51 52

Lot corners and lot numbers

8

Protracted section number and corner where superseded by special survey

00

Parcel number

REVISIONS		
1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
4		NOVEMBER 1980 ROUTE REFINEMENTS
5		
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FLUOR

PROJECT MANAGEMENT CONTRACTOR

NOTICE

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 560.5 TO M.P. 565.8

TOWNSHIP - 11 & 12 - SOUTH RANGE - 12 & 13 - EAST

MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO APCG DATE 1978 FLUOR DATE 3-14-80

SCALE IN FEET 1" = 1000'

DRAWING NUMBER 4680-15-00-B-0-100

REV 3

DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

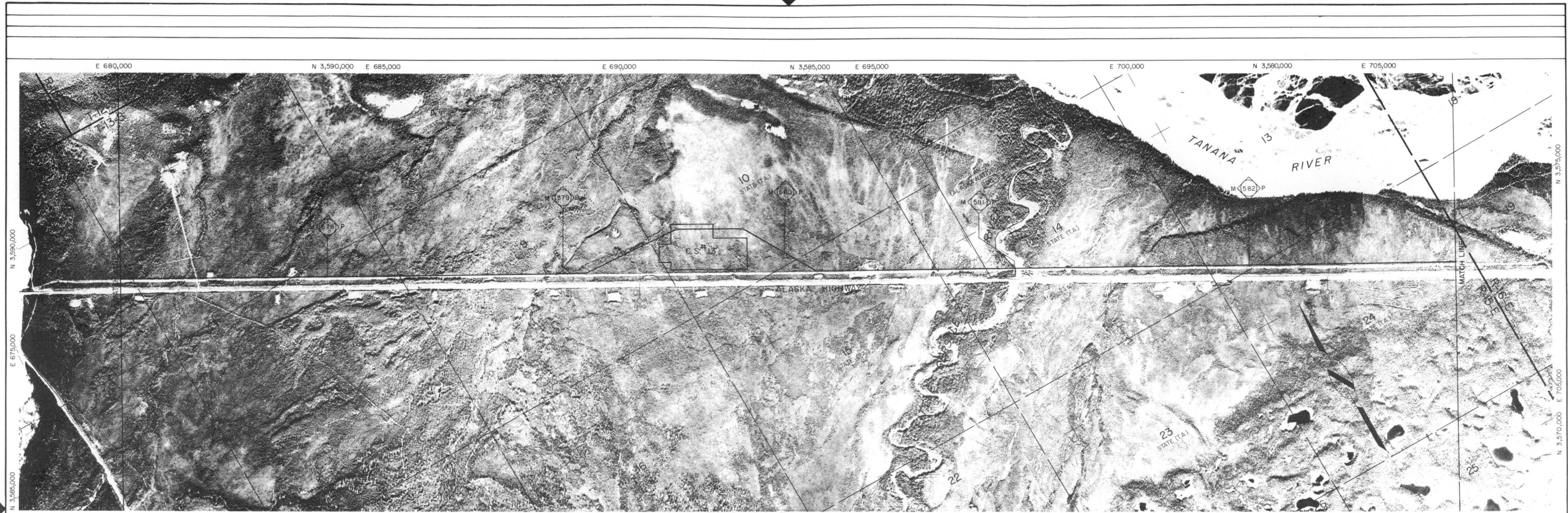












FOOTAGE	19,960'	670'	9,900'
PARCEL NO.		103-1	
OWNERSHIP	STATE (T.A.)	JEAN HEALY (ALASKA NATIVE ALLOTMENT)	STATE (T.A.)

REMARKS

CS13

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit -

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-20-80	NO CHANGE ISSUED FOR RECORD ONLY
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 577.1 TO M.P. 582.8

TOWNSHIP-13-SOUTH RANGE-15-EAST

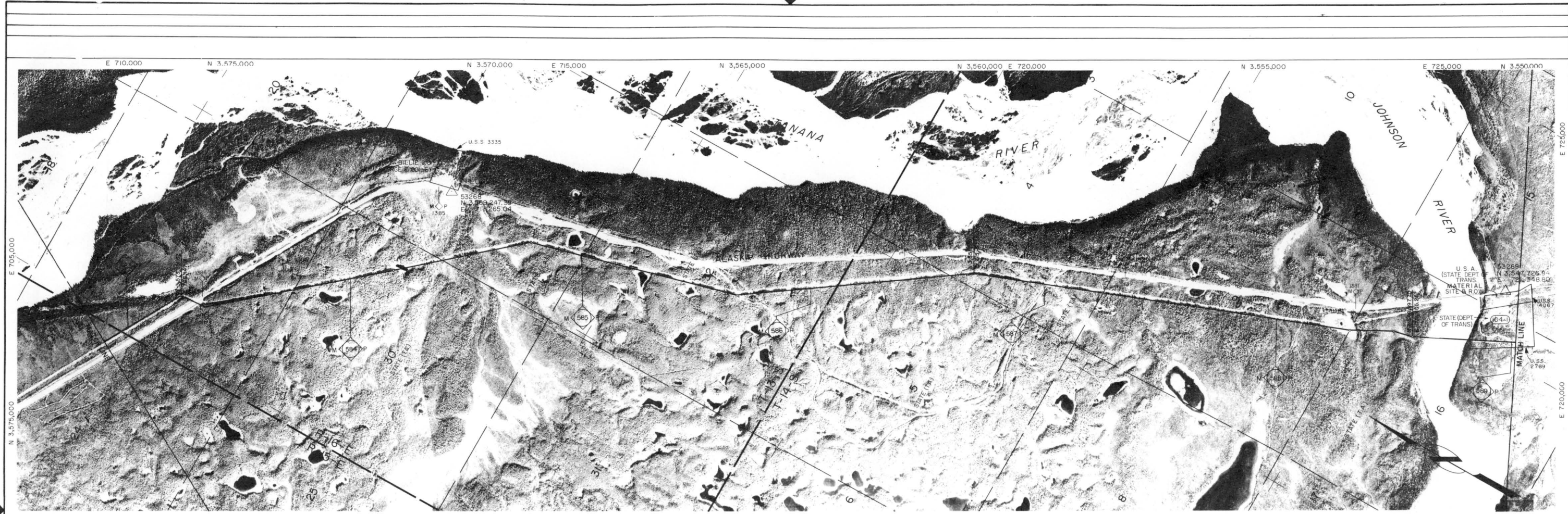
MERIDIAN FAIRBANKS

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PROJNO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-15-00-B-0-103		3	

DISTRIBUTION CODE





FOOTAGE	31,375'	1,060'
PARCEL NO.		104-1
OWNERSHIP	STATE (T.A.)	STATE (DEPT. OF TRANS.)
REMARKS		

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Surveyed township boundary

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Unsurveyed entry, mining claim or lease limit

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Protracted township boundary

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Parcel boundary

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Surveyed section line or special survey

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Protracted section line

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46

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52

REVISIONS		
1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
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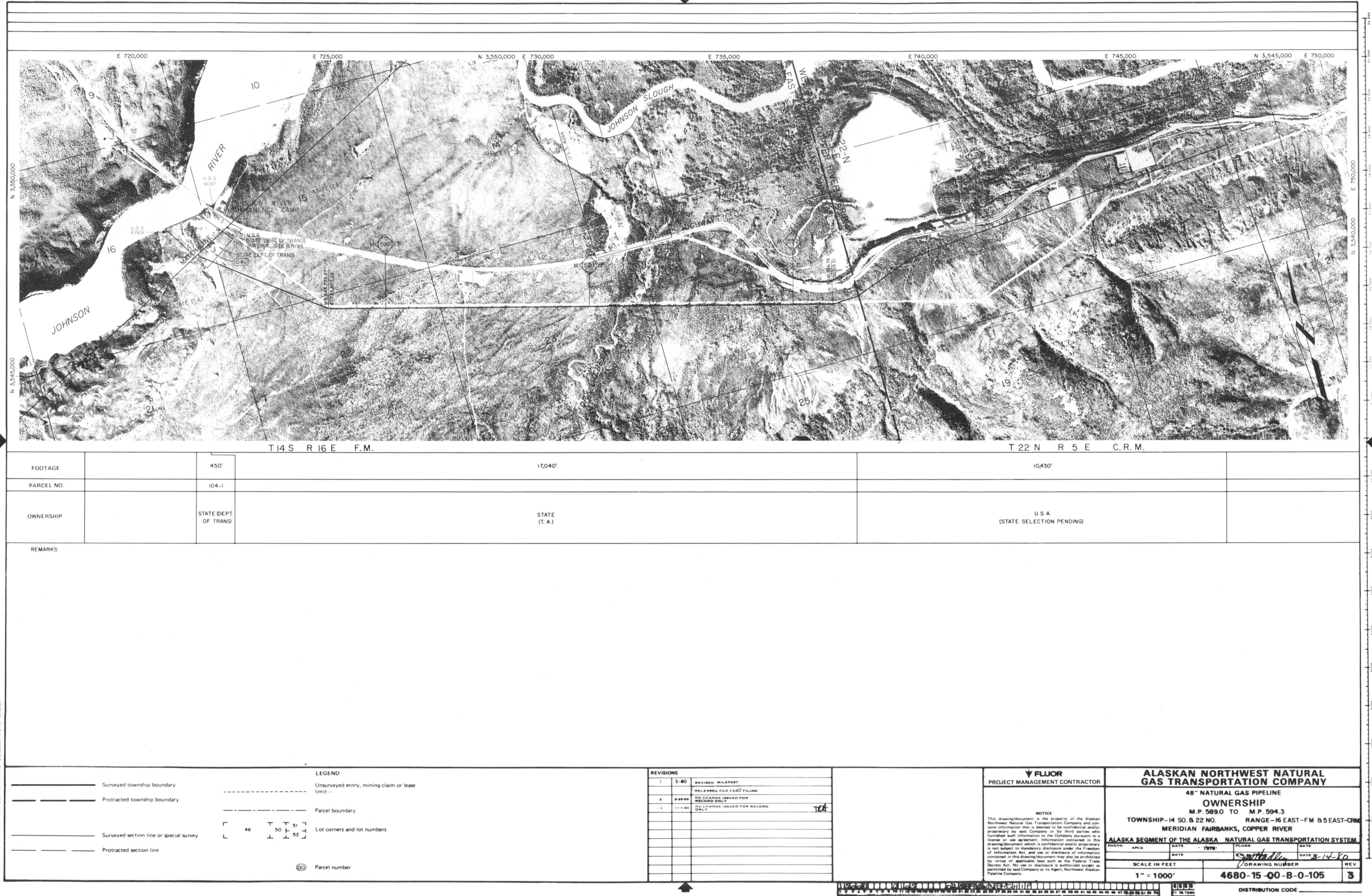
**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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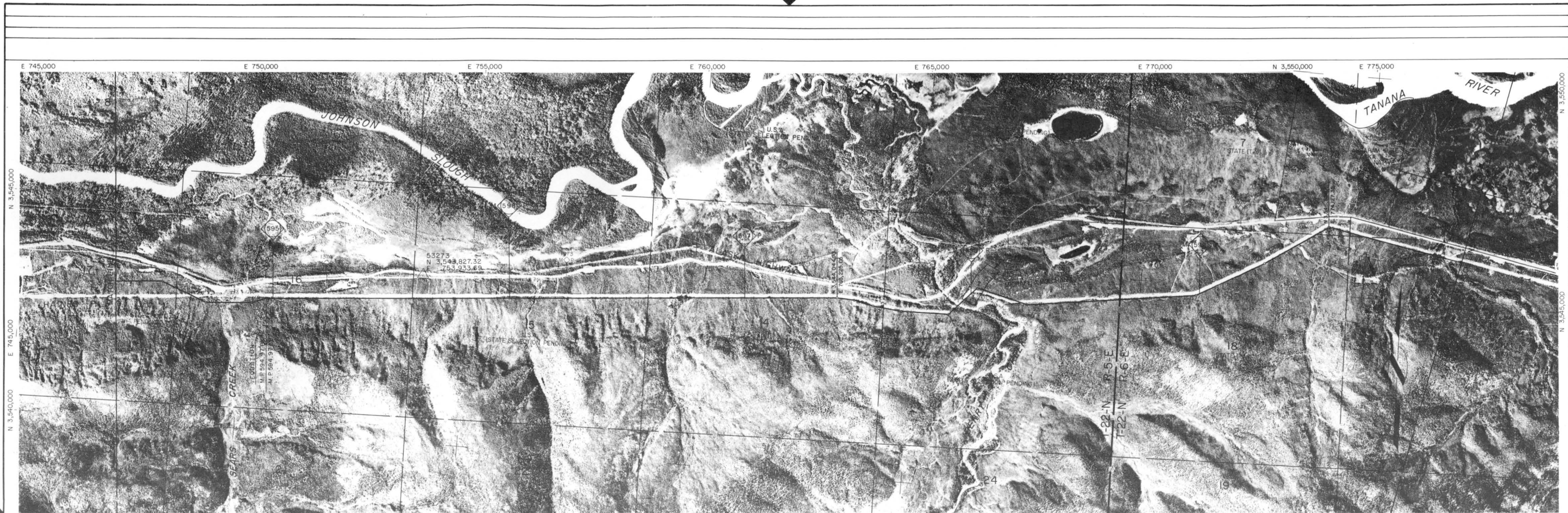
<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b>			
48" NATURAL GAS PIPELINE			
OWNERSHIP			
M.P. 582.8 TO M.P. 589.0			
TOWNSHIP-13 & 14-SOUTH RANGE-15 & 16-EAST			
MERIDIAN FAIRBANKS			
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM			
PHOTO	APCS	DATE	1978
FLUOR	DATE	1978	DATE
SCALE IN FEET		DRAWING NUMBER	
1" = 1000'		4680-15-00-B-0-104	
		REV	
		3	

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP









FOOTAGE	19,265'	550'	3,100'	8,180'
PARCEL NO.		106-1		
OWNERSHIP	U.S.A. (STATE SELECTION PENDING)	MICHAEL A. MULCHAN U.S.A. (STATE SELECTION PENDING)		STATE (T. A.)
REMARKS				

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Legend

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
		NOVEMBER 1980 ROUTE REFINEMENTS

T.B.

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 594.3 TO M.P. 600.2

TOWNSHIP-22-NORTH RANGE-5 & 6-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO

APCG

DATE

1978

FLUOR

DATE

3-14-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-15-00-B-0-106

REV

3

DISTRIBUTION CODE

4680







Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE	12,760'	710'	4,900'	2,760'	2,170'	2,500'	6,225'
PARCEL NO.						108-2	
OWNERSHIP	(DOT LAKE NATIVE CORP)	LARRY A. SMITH	(DOT LAKE NATIVE CORP)	U.S.A. (ELLEN DEMIT, ALASKA NATIVE ALLOTMENT; DOT LAKE NATIVE CORP., CONTESTANT)	(DOT LAKE NATIVE CORP.)	JON S. FERGUSON	(DOT LAKE NATIVE CORP.)

REMARKS	VIRGIL W. & JUANITA HILLIKER, OCCUPANTS						
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LEGEND

— Surveyed township boundary

- - - - - Unserved entry, mining claim or lease limit

— Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

① Parcel number

REVISIONS

1	3-80	REVISED MILEPOST
2	8-20-80	ADDED OWNERSHIP DATA FOR NATIVE ALLOTMENT
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

NOTICE

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 605.5 TO M.P. 611.6

TOWNSHIP-22 & 21-NORTH RANGE-7-EAST

MERIDIAN COPPER RIVER

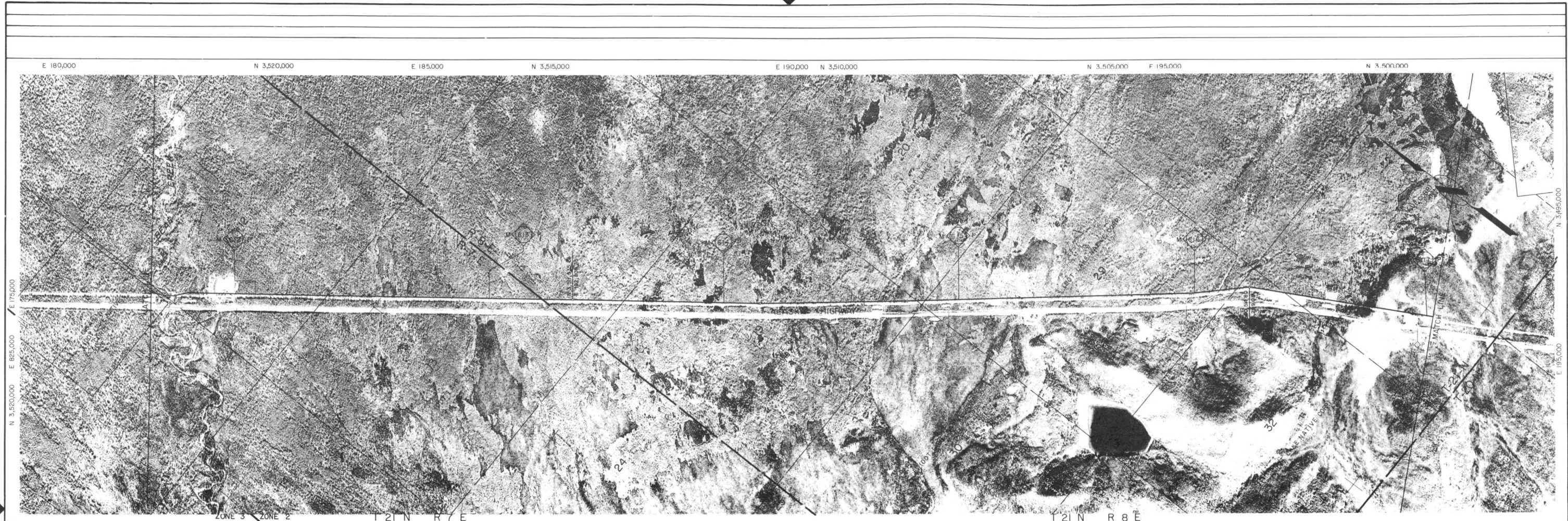
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

DATE	1978	FLUOR	DATE
DATE	3-14-80	DRAWING NUMBER	4680-15-00-B-0-108
SCALE IN FEET	1" = 1000'	REV	3

DISTRIBUTION CODE



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE		28,960'
PARCEL NO.		
OWNERSHIP		(DOT LAKE NATIVE CORP)

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

⊕ Parcel number

— Unsurveyed entry, mining claim or lease limit —

— Parcel boundary

⊕ Lot corners and lot numbers

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
		NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 611.6 TO M.P. 617.0

TOWNSHIP-21-NORTH RANGE-7&8-EAST

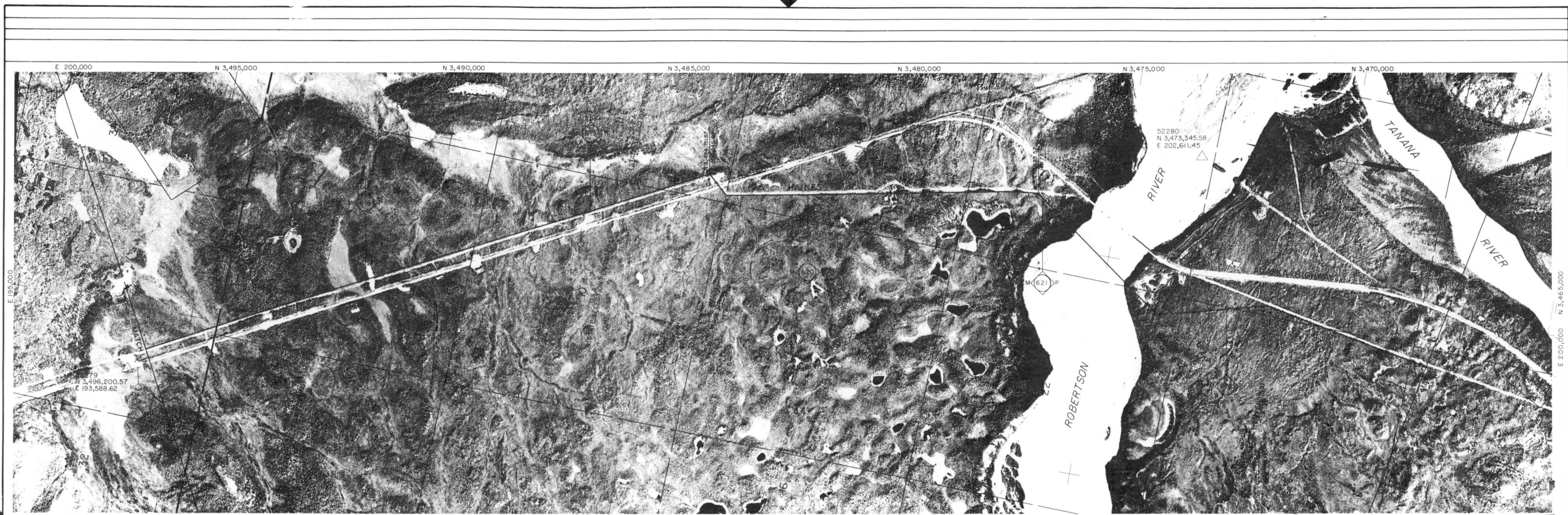
MERIDIAN COPPER RIVER

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE
				<i>Amundson</i>	DATE 3-14-80
SCALE IN FEET				DRAWING NUMBER	
1" = 1000'				4680-15-00-B-0-109	
				REV 3	

DISTRIBUTION CODE





FOOTAGE	1,650'	29,375'
PARCEL NO.		
OWNERSHIP	DOT LAKE NATIVE CORP.	U.S.A. (STATE SELECTION PENDING)

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 617.0 TO M.P. 622.9

TOWNSHIP-21 & 20-NORTH RANGE-8-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-15-00-B-0-110

REV

3

DISTRIBUTION CODE









FOOTAGE	2,975'	27,425'
PARCEL NO.		
OWNERSHIP	STATE (PATENTED)	U.S.A. (TANACROSS INC., SELECTION)

REMARKS

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Unsurveyed entry, mining claim or lease Limit

Parcel boundary

Lot corners and lot numbers

Parcel number

1

3-80

REVISED MILEPOST

2

8-80-80

NO CHANGE ISSUED FOR RECORD ONLY

3

11-1-80

NO CHANGE ISSUED FOR RECORD ONLY

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 628.9 TO M.P. 634.7

TOWNSHIP-19&18-NORTH RANGE-8&9-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO

ARC

DATE

1978

FLUOR

DATE

3-14-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-16-00-B-0-112

REV

3

DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP





FOOTAGE		21,980'	2,780'	4,630'
PARCEL NO.			113-1	
OWNERSHIP		U.S.A. (TANACROSS INC., SELECTION)	U.S.A. (BERTHLYN J. BAKER ALASKA NATIVE ALLOTMENT)	U.S.A. (TANACROSS INC., SELECTION)

REMARKS

LEGEND

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED MILEPOST
2	9-20-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
		NOVEMBER 1980 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 634.7 TO M.P. 640.2

TOWNSHIP-18-NORTH RANGE-9&10-EAST

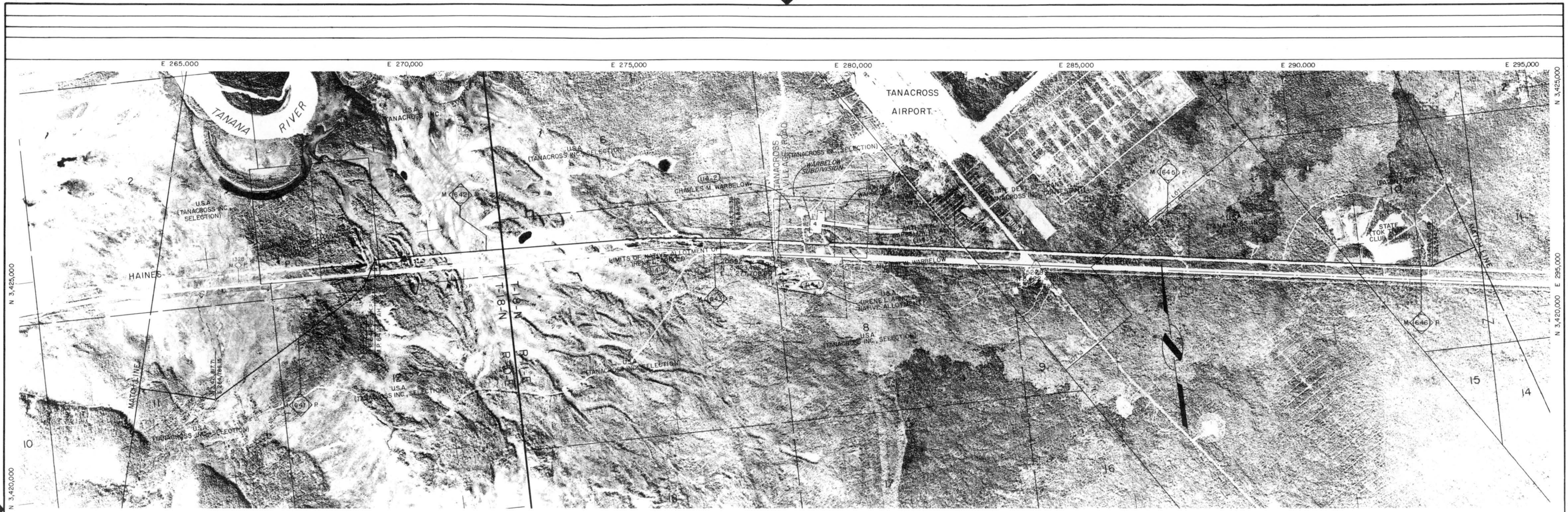
MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE	3-14-80
SCALE IN FEET		DRAWING NUMBER		REV		
1" = 1000'		4680-16-00-B-0-113		3		

DISTRIBUTION CODE





FOOTAGE	6,230'	470'	2,810'	6,120'	80'	550'	770'	730'	2,200'	3,230'	5,530'	230'	1,320'	1,310'
PARCEL NO.					114-1	114-2	114-3							
OWNERSHIP		U.S.A. (TANACROSS INC. SELECTION)			CHARLES M. WARBELOW U.S.A. (IRENE L. ARNOLD, ALASKA NATIVE ALLOTMENT)	ARTHUR W. WARBELOW	U.S.A. (TANACROSS INC. SELECTION)	(STATE DEPT. OF TRANS. TANACROSS INC. CONTESTANT)	U.S.A. (TANACROSS INC. SELECTION)		STATE (PATENTED)	STATE (TOK TRAP CLUB, S.L.U.P.)	STATE (PATENTED)	

REMARKS

NOTE:  
Within Tws. 18-N, Range 11-E protraction are shown according to positions inferred from township exterior boundaries on B.L.M. plat accepted April 5, 1967 rather than from B.L.M. official protraction diagrams.

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

46

50

51

52

REVISIONS

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR PERC FILING
3	11-1-85	NO CHANGE ISSUED FOR RECORD ONLY
		NOVEMBER 1985 ROUTE REFINEMENTS

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FLUOR

PROJECT MANAGEMENT CONTRACTOR

ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 640.2 TO M.P. 646.3

TOWNSHIP-18-NORTH RANGE-10 & 11-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-16-00-B-0-114

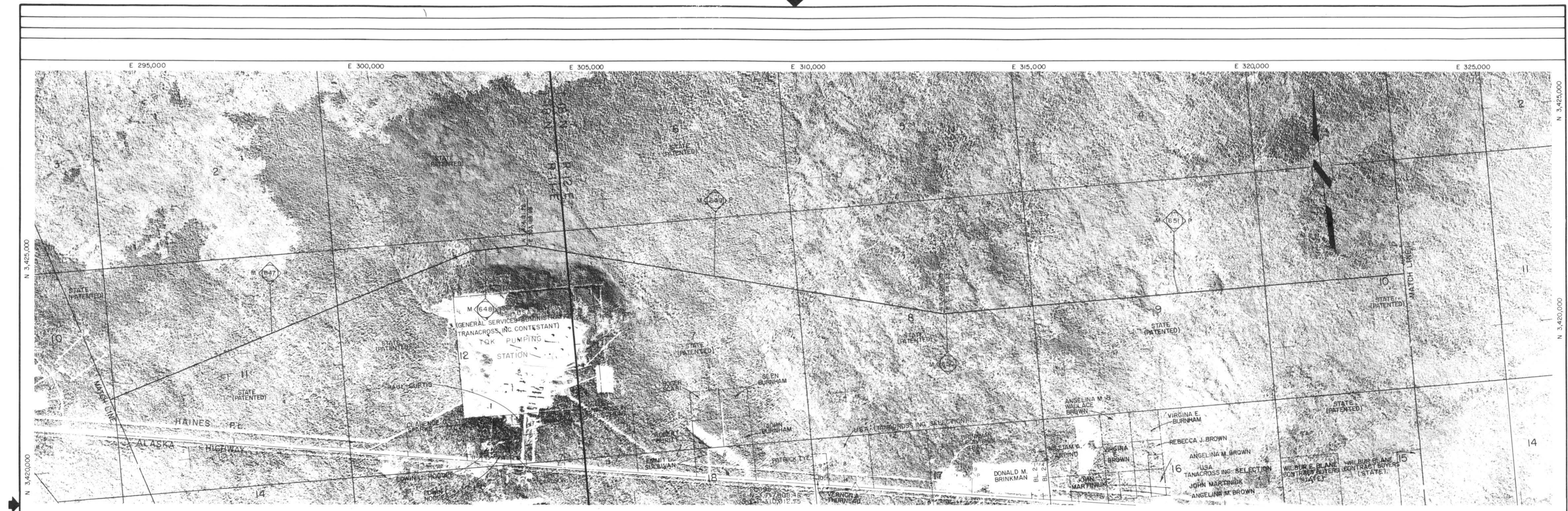
REV

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DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP





FOOTAGE	30,290'
PARCEL NO.	
OWNERSHIP	STATE (PATENTED)

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-28-85	RELEASED FOR PERC FILING
3	11-1-85	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE**

**OWNERSHIP**

M.P. 646.3 TO M.P. 652.0

RANGE-118.12-EAST

TOWNSHIP-18-NORTH

MERIDIAN COPPER RIVER

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	ARC	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-16-00-B-0-115		3	

DISTRIBUTION CODE

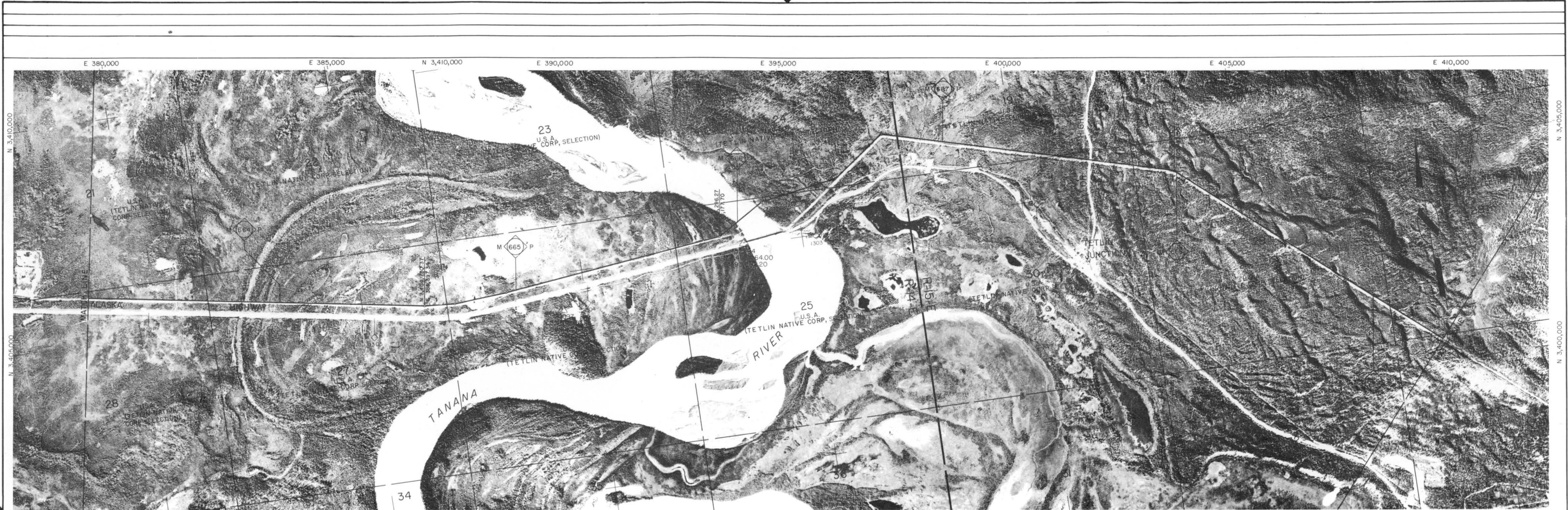












FOOTAGE	32,630'
PARCEL NO.	
OWNERSHIP	U.S.A. (TETLIN NATIVE CORP. SELECTION)
REMARKS	

—

Surveyed township boundary

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Protracted township boundary

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Surveyed section line or special survey

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Protracted section line

-----

Unsurveyed entry, mining claim or lease limit

-----

Parcel boundary

46 50 51 52

Lot corners and lot numbers

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Parcel number

REVISIONS		
1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**  
48" NATURAL GAS PIPELINE  
**OWNERSHIP**  
M.P. 663.2 TO M.P. 669.4  
TOWNSHIP-18-NORTH RANGE-14 & 15-EAST  
MERIDIAN COPPER RIVER

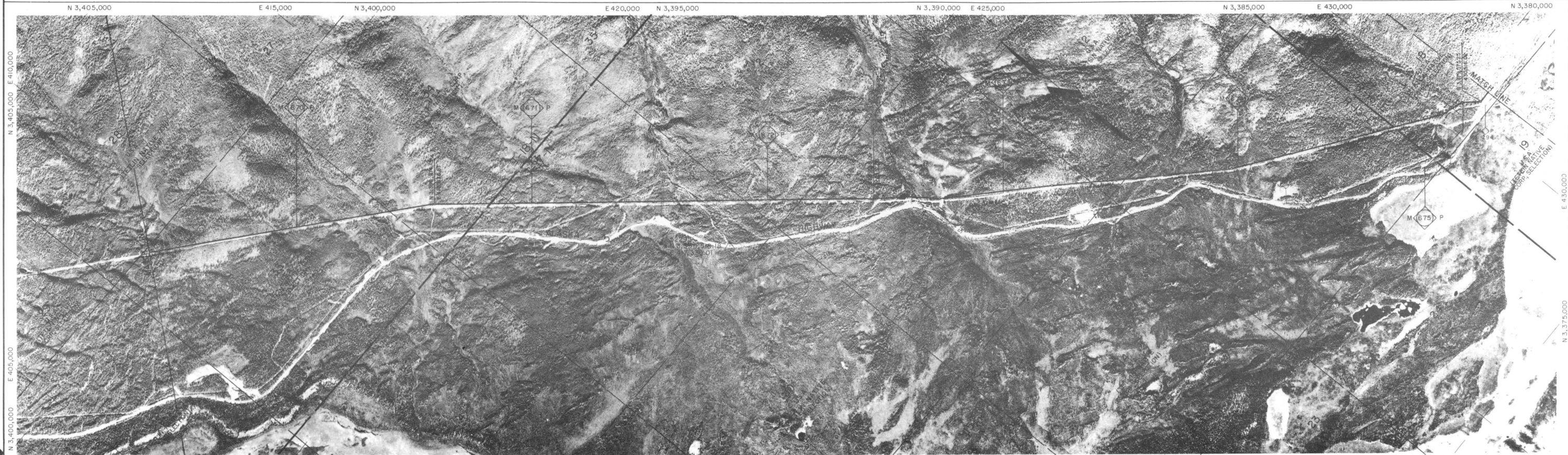
**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-16-00-B-0-118		3	

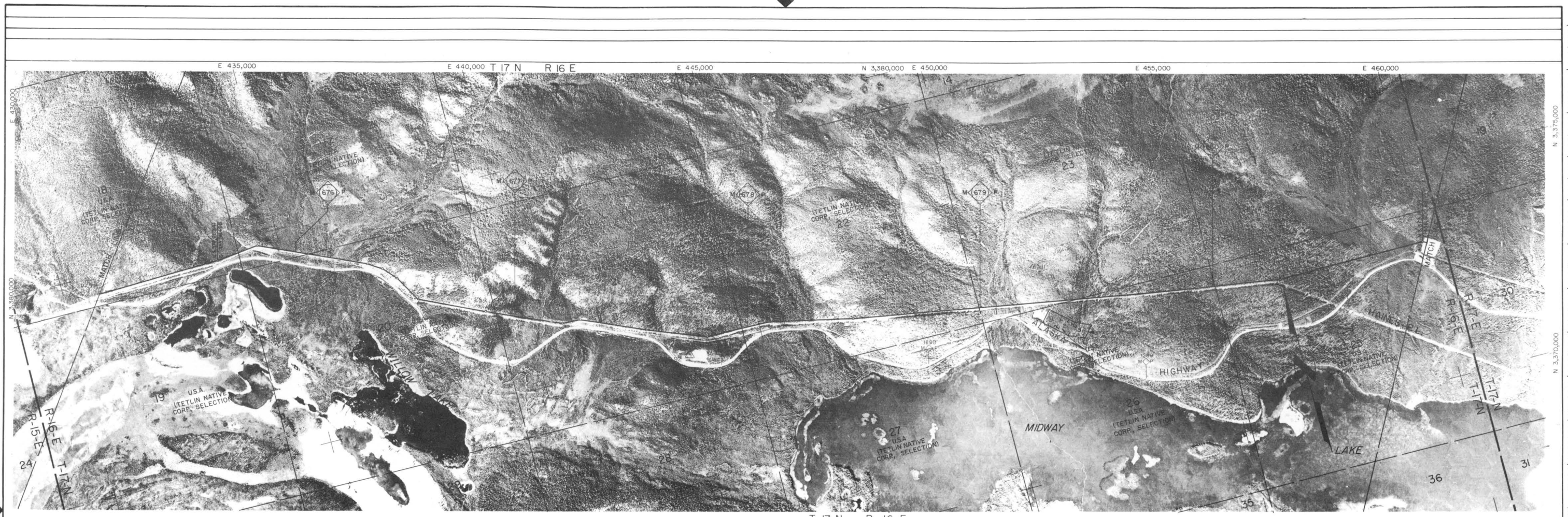
DISTRIBUTION CODE

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP









FOOTAGE	30,680'
PARCEL NO.	
OWNERSHIP	U.S.A. (TETLIN NATIVE CORP. SELECTION)
REMARKS	

- Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line
- Unsurveyed entry, mining claim or lease limit

Parcel boundary

46

51

52

Lot corners and lot numbers

Parcel number

REVISIONS		
1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
4		NO CHANGE ISSUED FOR RECORD ONLY
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FLUOR

PROJECT MANAGEMENT CONTRACTOR

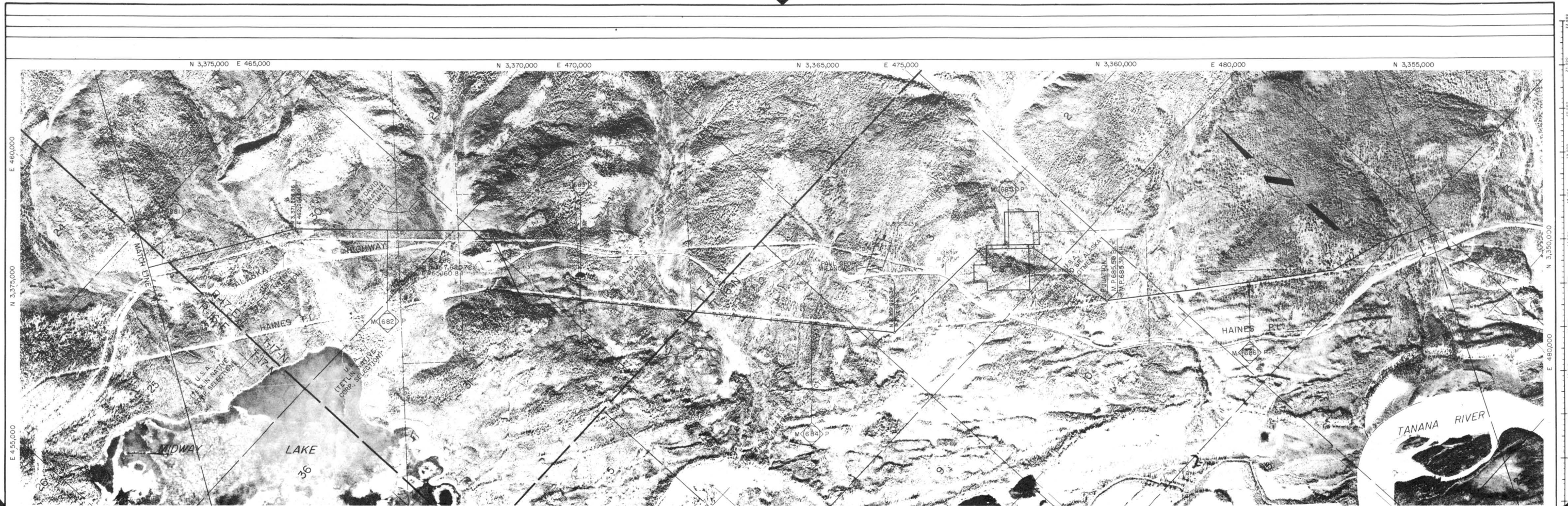
NOTICE

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<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b>			
48" NATURAL GAS PIPELINE			
OWNERSHIP			
M.P. 675.1 TO M.P. 680.9			
TOWNSHIP-17-NORTH RANGE-16-EAST			
MERIDIAN COPPER RIVER			
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM			
PHOTO	APCG	DATE	1978
FLUOR	DATE	DATE	3-14-80
SCALE IN FEET		DRAWING NUMBER	
1" = 1000'		4680-16-00-B-0-120	
		REV 3	
DISTRIBUTION CODE			

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS' GROUP





FOOTAGE		5,820'	1,380'	3,700'	2,560'	70'	8,110'	2,760'	6,610'	
PARCEL NO.			121-1	121-2	121-3			121-4		
OWNERSHIP		U.S.A. (TETLIN NATIVE CORP. SELECTION)	U.S.A. (MYRA DAVID, ALASKA NATIVE ALLOTMENT)	U.S.A. (LULU DAVID, ALASKA NATIVE ALLOTMENT)	U.S.A. (LUCY DAVID, ALASKA NATIVE ALLOTMENT)	USA	U.S.A. (NORTHWAY NATIVES INC., SELECTION)	USA (CHARLIE DAVID SR. ALASKA NATIVE ALLOTMENT)	U.S.A. (NORTHWAY NATIVES INC., SELECTION)	

REMARKS

RL.O. 5653

CS15

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

— Protracted section line

Parcel number

**REVISIONS**

1	3-80	REVISED PIPELINE ROUTE & MILEPOST
2	8-80-80	NO CHANGE ISSUED FOR RECORD ONLY
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 680.9 TO M.P. 686.6

TOWNSHIP - 17 & 16-NORTH RANGE - 16 & 17-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE
				Dr. H. H. H. H.	DATE 2-14-80

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

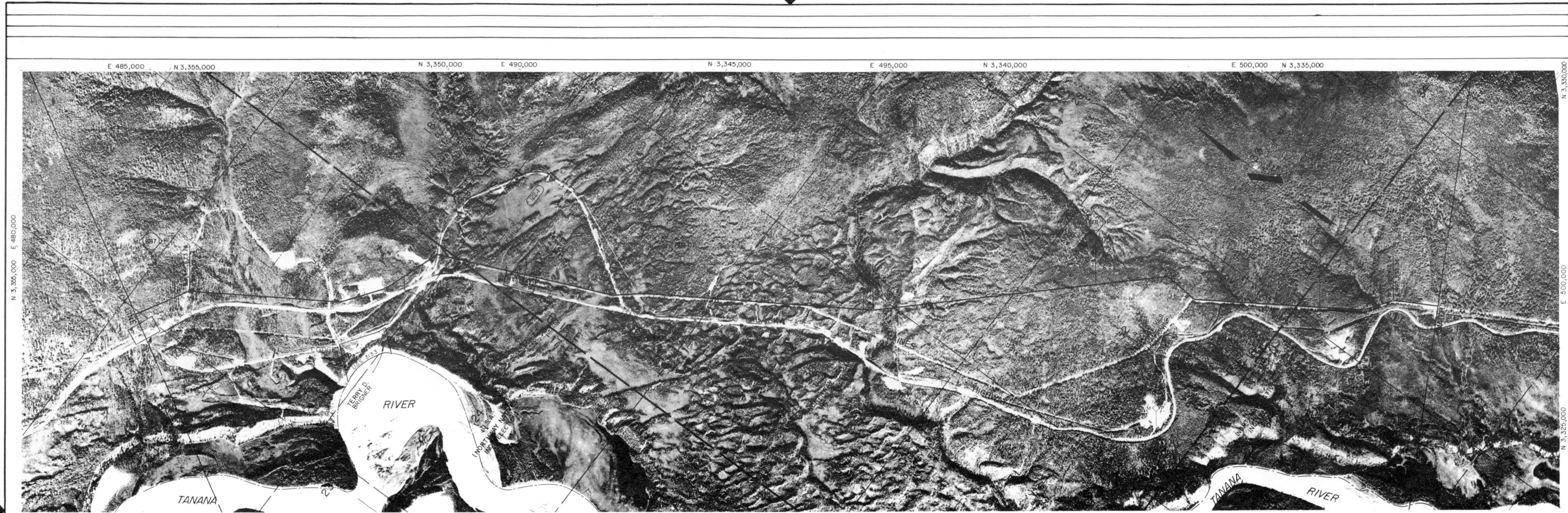
4680-16-00-B-0-121

REV

3

DISTRIBUTION CODE





FOOTAGE	8,780'	700'	20,660'
PARCEL NO.		I22-1	
OWNERSHIP	(NORTHWAY NATIVES INC., SELECTION)	ALLEN J. DRUCKEMILLER ESTATE	U.S.A. (NORTHWAY NATIVES INC., SELECTION)
REMARKS			

Surveyed township boundary

Protracted township boundary

Surveyed section line or special survey

Protracted section line

Legend

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

46

50

51

52

REVISIONS	
1	3-80 REVISED MILEPOST
2	RELEASED FOR PERC FILING
3	NO CHANGE ISSUED FOR RECORD ONLY
4	NO CHANGE ISSUED FOR RECORD ONLY
5	NO CHANGE ISSUED FOR RECORD ONLY
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FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE

OWNERSHIP

M.P. 686.6 TO M.P. 692.5

TOWNSHIP-16 & 15-NORTH RANGE-17 & 18-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-16-00-B-0-122

REV

3

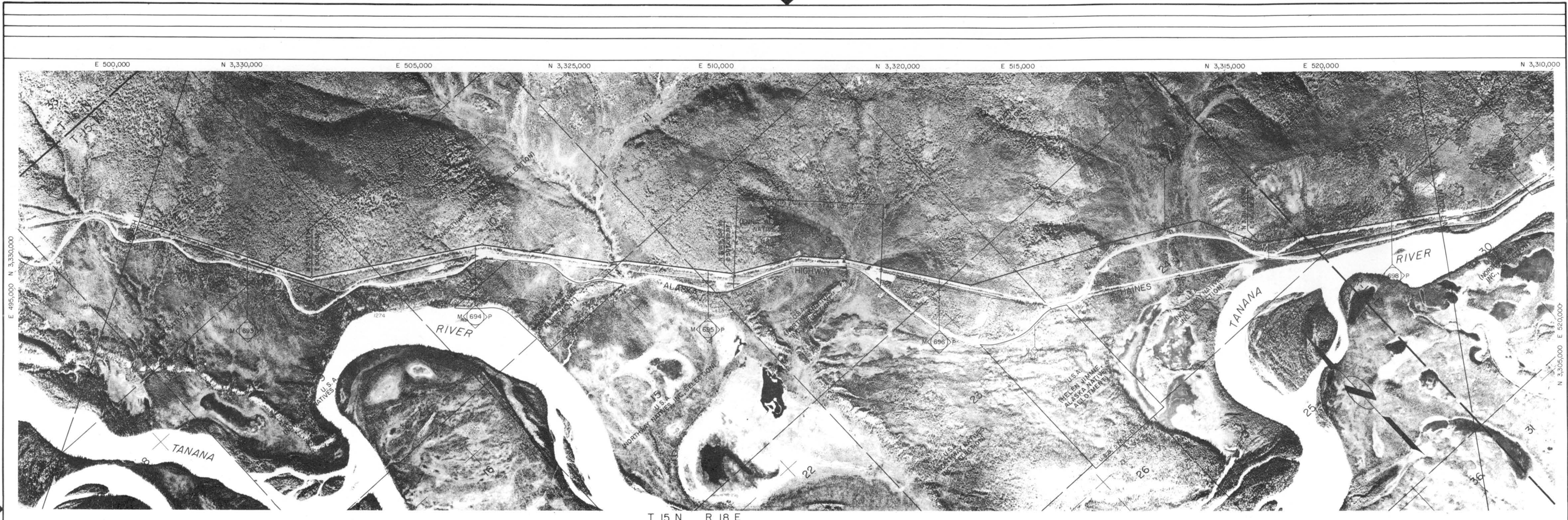
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

4680

77 78 79 80

DISTRIBUTION CODE





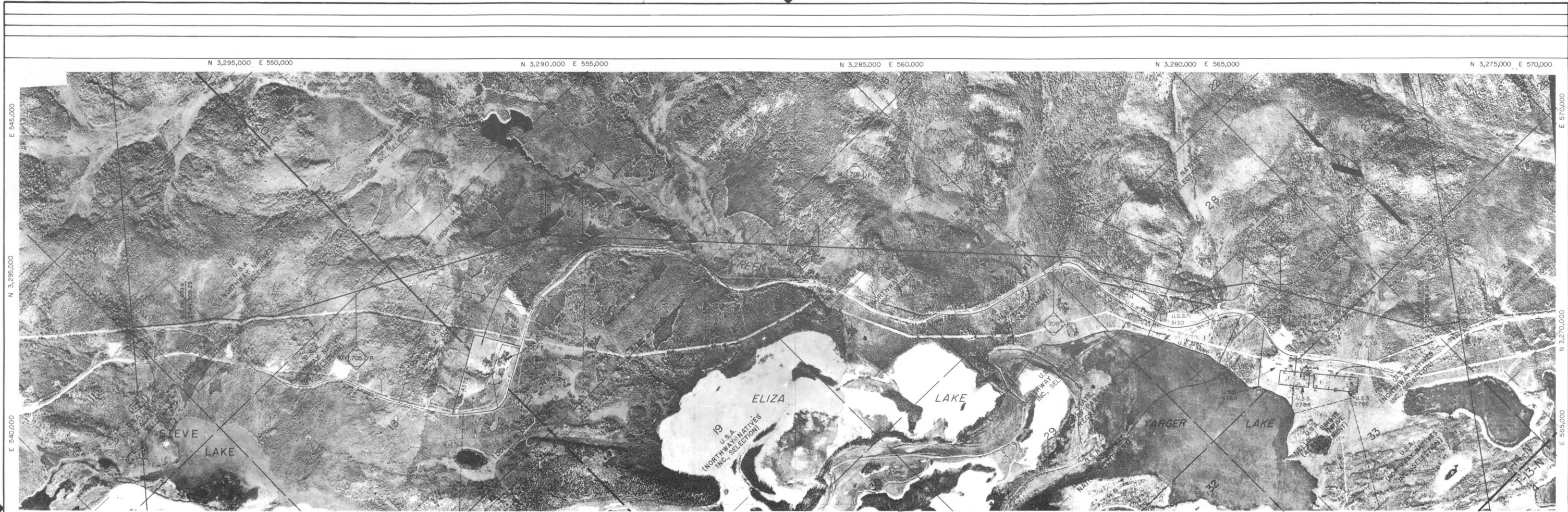
FOOTAGE	13,760'	3,525'	12,110'
PARCEL NO.		123-1	
OWNERSHIP	U.S.A. (NORTHWAY NATIVES, INC., SELECTION)	U.S.A. (ENNA ALBERT, ALASKA NATIVE ALLOTMENT)	U.S.A. (NORTHWAY NATIVES, INC., SELECTION)
REMARKS			

<b>LEGEND</b> — Surveyed township boundary - - - Protracted township boundary — Surveyed section line or special survey - - - Protracted section line  — Parcel boundary — Lot corners and lot numbers — Parcel number	<b>REVISIONS</b> 1 3-80 REVISED MILEPOST 2 4-80-80 NO CHANGE ISSUED FOR RECORD ONLY 3 11-1-80 NO CHANGE ISSUED FOR RECORD ONLY 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	<b>FLUOR</b> PROJECT MANAGEMENT CONTRACTOR  <b>NOTICE</b> This drawing/document is the property of the Alaskan Northwest Natural Gas Transportation Company and contains information that is deemed to be confidential and/or proprietary by said Company or by third parties who furnished such information to the Company pursuant to a license or use agreement. Information contained in this drawing/document which is confidential and/or proprietary is not subject to mandatory disclosure under the Freedom of Information Act, and use or disclosure of information contained in this drawing/document may also be prohibited by virtue of applicable laws such as the Federal Trade Secret Act. No use or disclosure is authorized except as permitted by said Company or its Agent, Northwest Alaskan Pipeline Company.	<b>ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY</b> 48" NATURAL GAS PIPELINE <b>OWNERSHIP</b> M.P. 692.5 TO M.P. 698.2 TOWNSHIP-15-NORTH RANGE-18&19-EAST MERIDIAN COPPER RIVER <b>ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM</b> SCALE IN FEET 1" = 1000' DRAWING NUMBER 4680-16-00-B-0-123 REV 3 DISTRIBUTION CODE
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FOOTAGE		50'	1,650'	12,050'	2,900'	1,600'	2,925'	10'	2,600'	700'	1,950'	4,100'	
PARCEL NO.		125-1	125-2		125-3		125-4		125-5		125-6	125-7	
OWNERSHIP		U.S.A. (JOE MARK ALASKA NATIVE ALLOTMENT)	U.S.A. (DAVID PAUL ALASKA NATIVE ALLOTMENT)	U.S.A. (NORTHWAY NATIVES INC., SELECTION)	U.S.A. (JESSIE D. ERVIN ALASKA NATIVE ALLOTMENT)	U.S.A. (NORTHWAY NATIVES INC., SELECTION)	U.S.A. (DORA D. BAKER ALASKA NATIVE ALLOTMENT)	U.S.A. (NORTHWAY NATIVES INC., SELECTION)	FLOYD E. HYSLOP	U.S.A. (NORTHWAY NATIVES INC., SELECTION)	U.S.A. (CECELIA CARBON ALASKA NATIVE ALLOTMENT)	JOHN A. YARGER ESTATE CONSTRUCTION LIMITS OF R.O.W. MAY INTERSECT PROPERTY	U.S.A. (NORTHWAY NATIVES INC., SELECTION)

REMARKS

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed township boundary

— - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

— Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-25-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 704.0 TO M.P. 709.8

TOWNSHIP-14-NORTH RANGE-19 & 20-EAST

MERIDIAN COPPER RIVER

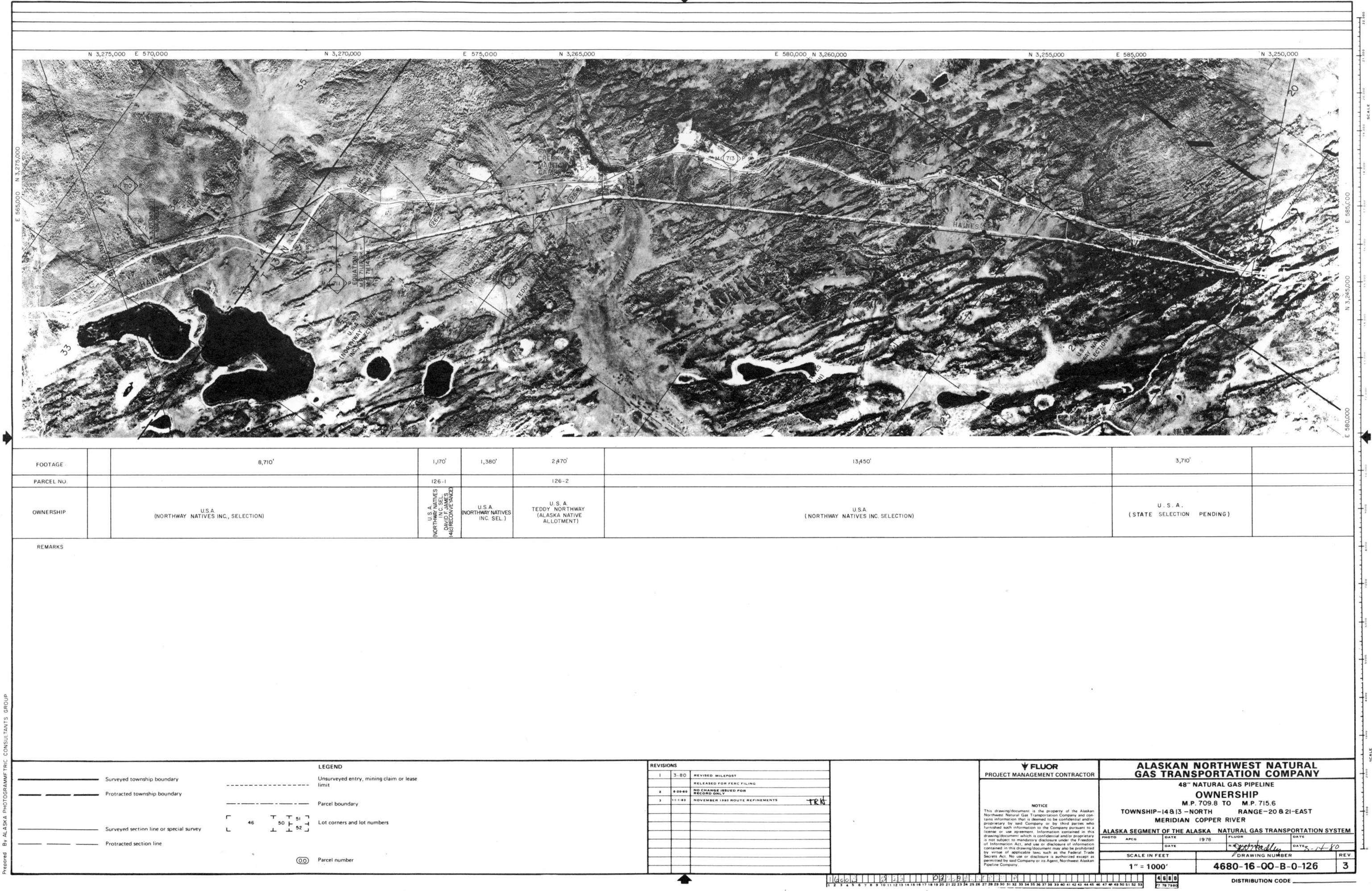
ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	ARC	DATE	1978	FLUOR	DATE
				N. J. J. J.	DATE 8-14-80
SCALE IN FEET		DRAWING NUMBER		REV	
1" = 1000'		4680-16-00-B-0-125		3	

DISTRIBUTION CODE



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE		8,710'	1,170'	1,380'	2,470'	13,450'	3,710'	
PARCEL NO.			126-1		126-2			
OWNERSHIP		U.S.A. (NORTHWAY NATIVES INC., SELECTION)	U.S.A. (NORTHWAY NATIVES INC. SEL.)	U.S.A. TEDDY NORTHWAY (ALASKA NATIVE ALLOTMENT)	U.S.A. (NORTHWAY NATIVES INC. SELECTION)	U.S.A. (STATE SELECTION PENDING)		

REMARKS

Surveys township boundary

Protracted township boundary

Surveys section line or special survey

Protracted section line

LEGEND

Unsurveyed entry, mining claim or lease limit

Parcel boundary

Lot corners and lot numbers

Parcel number

REVISIONS

1	3-80	REVISED MILEPOST
2	8-28-88	NO CHANGE ISSUED FOR RECORD ONLY
3	11-1-80	NOVEMBER 1980 ROUTE REFINEMENTS

FLUOR

PROJECT MANAGEMENT CONTRACTOR

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ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY

48" NATURAL GAS PIPELINE OWNERSHIP

M.P. 709.8 TO M.P. 715.6

TOWNSHIP-14813-NORTH RANGE-20821-EAST

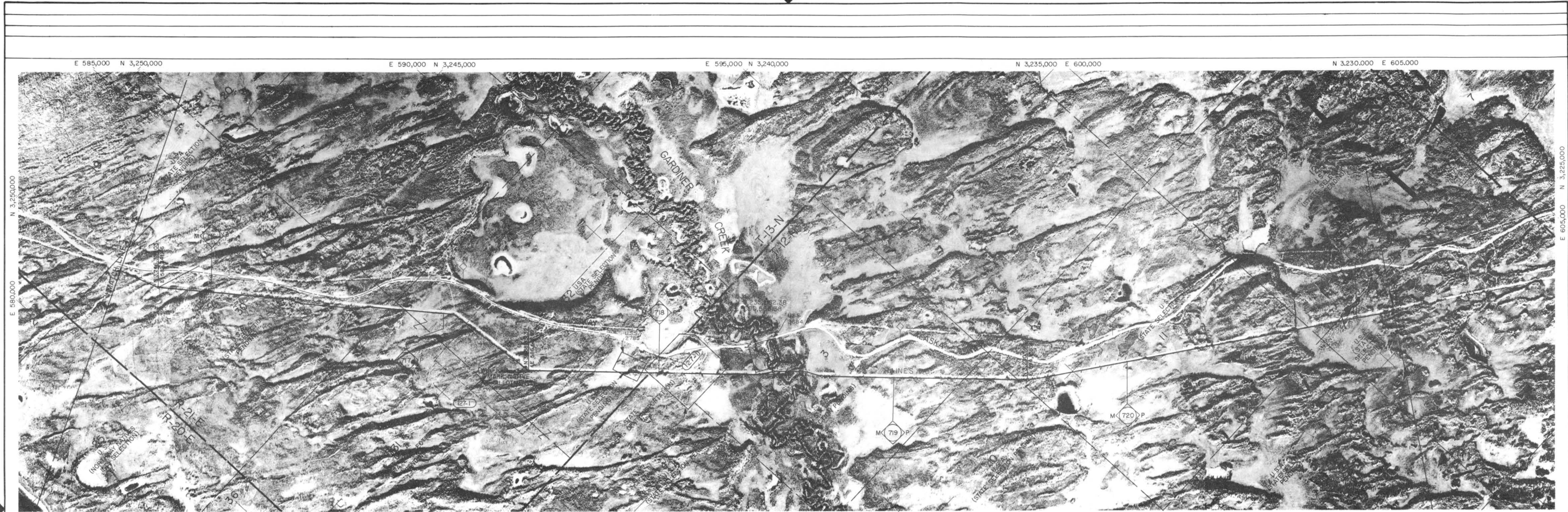
MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUOR	DATE
SCALE IN FEET			DRAWING NUMBER		
1" = 1000'			4680-16-00-B-0-126		
			REV		
			3		

DISTRIBUTION CODE





FOOTAGE	8,000'	2,900'	1,530'	1,670'	15,270'
PARCEL NO.		127-1		127-1	
OWNERSHIP	U.S.A. (STATE SELECTION PENDING)	U.S.A. (WINFRED MARK, NATIVE ALLOTMENT)	U.S.A. (STATE SELECTION PENDING)	STATE (DEPT. OF TRANSPORTATION)	U.S.A. (STATE SELECTION PENDING)

REMARKS

**LEGEND**

— Surveyed township boundary  
- - - - - Protracted township boundary  
— Surveyed section line or special survey  
- - - - - Protracted section line

— Parcel boundary  
— Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-20-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY
		NOVEMBER 1980 ROUTE REFINEMENTS

**FLUOR**  
PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

**48" NATURAL GAS PIPELINE OWNERSHIP**

M.P. 715.6 TO M.P. 721.2

TOWNSHIP-13 & 12-NORTH RANGE-21-EAST

MERIDIAN COPPER RIVER

**ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM**

PHOTO	APCG	DATE	1978	FLUOR	DATE	5-14-80
SCALE IN FEET			DRAWING NUMBER			REV
1" = 1000'			4680-16-00-B-0-127			3

DISTRIBUTION CODE

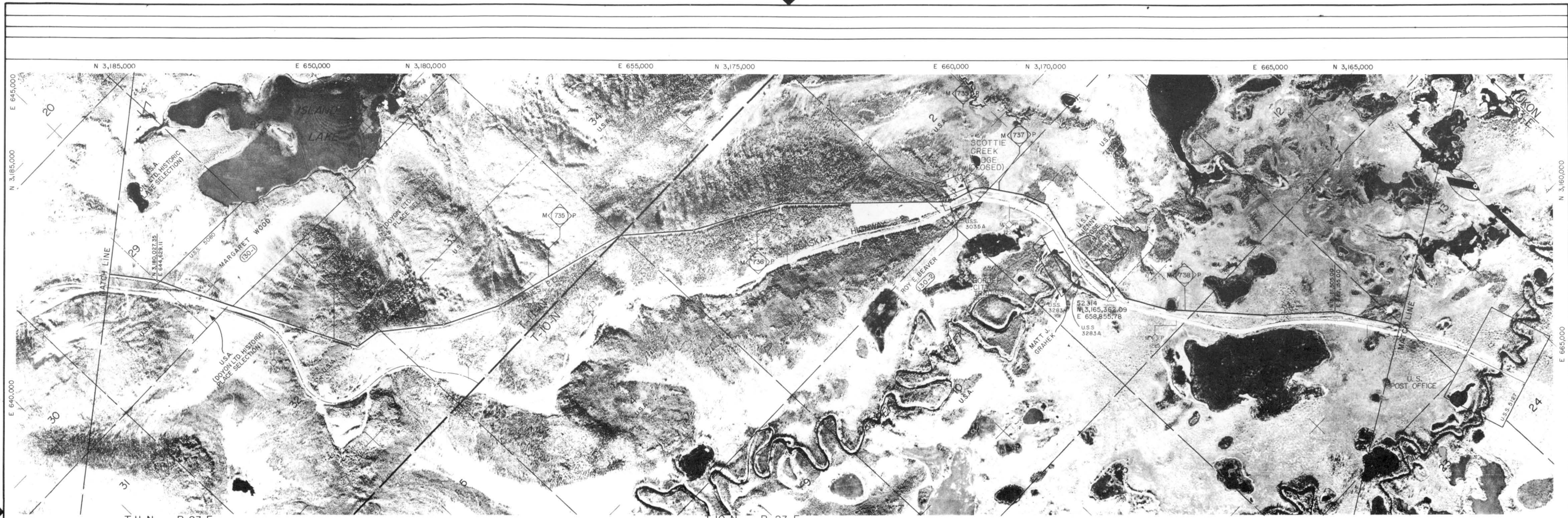












FOOTAGE	1,180'	110'	1,720'	16,800'	680'	1,510'	2,780'	6,630'
PARCEL NO.			130-1		130-2		130-3	
OWNERSHIP	U.S.A.	U.S.A. LTD. (DOYON TO HISTORIC PLACE SELECTION)	MARGARET WOOD	U.S.A.	ROY E. BEAVER	U.S.A.	U.S.A. (JENNY ROSE SANFORD, ALASKA NATIVE ALLOTMENT)	U.S.A.

REMARKS PLO 5653 PLO 5653 PLO 5653 PLO 5653

Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP

**LEGEND**

— Surveyed township boundary

- - - - - Unsurveyed entry, mining claim or lease limit

— - - - - Protracted township boundary

— Surveyed section line or special survey

- - - - - Protracted section line

Parcel boundary

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-80-80	RELEASED FOR FERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUOR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 733.0 TO M.P. 738.9

TOWNSHIP-11 & 12-NORTH RANGE-23-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCS	DATE	1978	FLUOR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-16-00-B-0-130

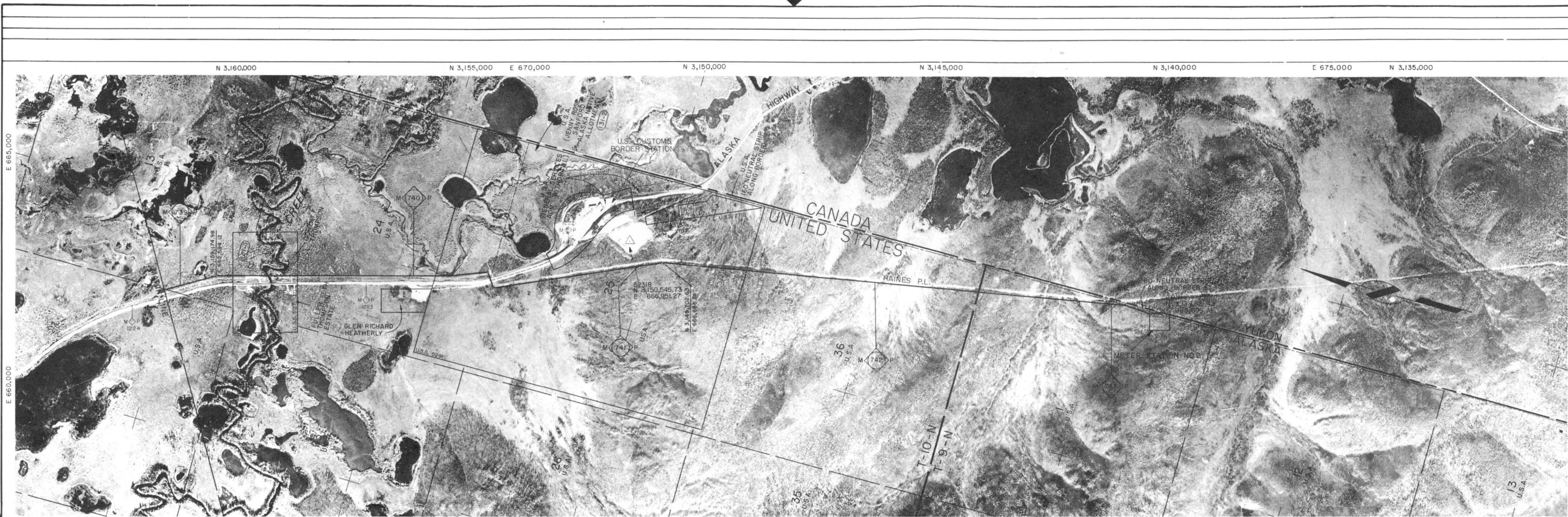
REV

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DISTRIBUTION CODE



Prepared By ALASKA PHOTOGRAMMETRIC CONSULTANTS GROUP



FOOTAGE		1,590'	1,450'	4,430'	50'	14,310'	100'
PARCEL NO.			131-1		131-2		
OWNERSHIP		U.S.A.	DORTHY F. THOMPSON	U.S.A.	U.S.A. (JENNY ROSE SANFORD ALASKA NATIVE ALLOTMENT)	U.S.A.	U.S.A. (60' NEUTRAL STRIP ALONG BORDER.)

REMARKS	PLO 5653	PLO 5653	PLO 5653
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**LEGEND**

— Surveyed township boundary

- - - - - Unserved entry, mining claim or lease limit

— - - - - Protracted township boundary

— Parcel boundary

— Surveyed section line or special survey

- - - - - Protracted section line

Lot corners and lot numbers

Parcel number

**REVISIONS**

1	3-80	REVISED MILEPOST
2	8-28-80	RELEASED FOR PERC FILING
3	11-1-80	NO CHANGE ISSUED FOR RECORD ONLY

**FLUCR**

PROJECT MANAGEMENT CONTRACTOR

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**ALASKAN NORTHWEST NATURAL GAS TRANSPORTATION COMPANY**

48" NATURAL GAS PIPELINE

**OWNERSHIP**

M.P. 738.9 TO M.P. 743.1

TOWNSHIP-10 B 9-NORTH RANGE-23-EAST

MERIDIAN COPPER RIVER

ALASKA SEGMENT OF THE ALASKA, NATURAL GAS TRANSPORTATION SYSTEM

PHOTO	APCG	DATE	1978	FLUCR	DATE

SCALE IN FEET

1" = 1000'

DRAWING NUMBER

4680-16-00-B-0-131

REV

3

DISTRIBUTION CODE