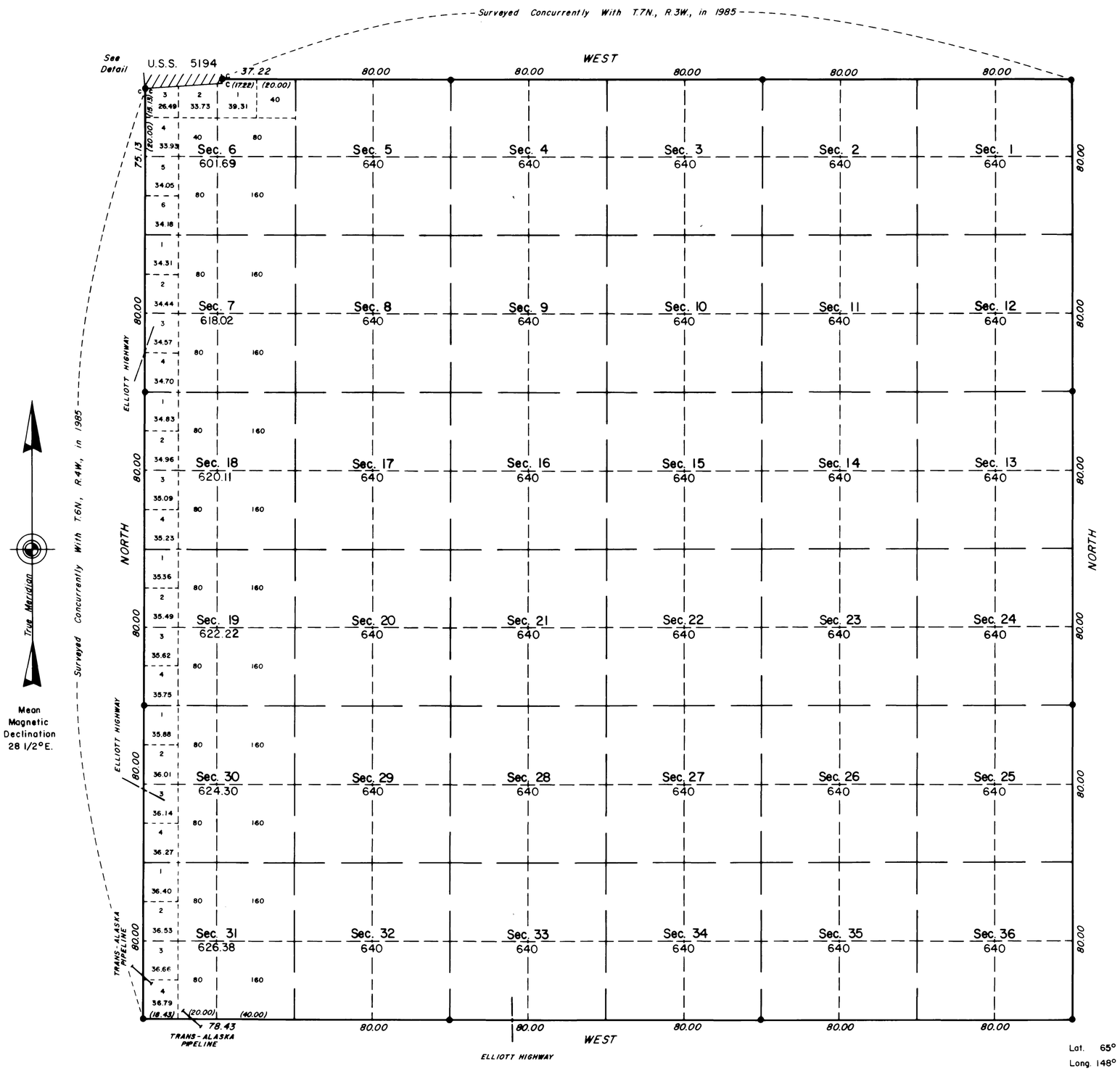
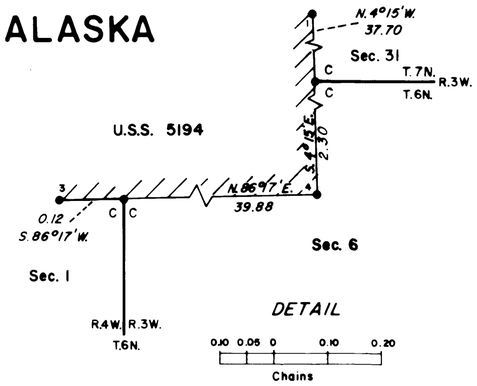
Officially Filed
Date JANUARY 4, 1988

ORIGINAL

TOWNSHIP 6 NORTH, RANGE 3 WEST, OF THE FAIRBANKS MERIDIAN, ALASKA





A HISTORY OF SURVEYS IS CONTAINED IN THE FIELD NOTES.

THIS PLAT AND FIELD NOTES REPRESENT THE SURVEY OF THE SOUTH AND EAST BOUNDARIES OF TOWNSHIP 6 NORTH, RANGE 3 WEST, FAIRBANKS MERIDIAN, ALASKA. THE SUBDIVISIONAL LINES OF THE TOWNSHIP WERE SURVEYED BY PROTRACTION AS SHOWN ON THIS PLAT.

THIS SURVEY WAS EXECUTED BY CLARENCE A. HERSCHBACH, REGISTERED ALASKA LAND SURVEYOR NO. 813-S, FOR INTERNATIONAL TECHNOLOGY LIMITED, MAY 20 THROUGH JULY 2, 1985, IN ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE MANUAL OF SURVEYING INSTRUCTIONS, 1973, SPECIAL INSTRUCTIONS FOR GROUP NO. 431, ALASKA, DATED NOVEMBER 2, 1984, APPROVED JANUARY 18, 1985 AND CONTRACT NO. YA551-CT5-340036 DATED APRIL 30, 1985.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ANCHORAGE, ALASKA

THIS PLAT IS STRICTLY CONFORMABLE TO THE APPROVED FIELD NOTES, AND THE SURVEY, HAVING BEEN CORRECTLY EXECUTED IN ACCORDANCE WITH THE REQUIREMENTS OF LAW AND THE REGULATIONS OF THIS BUREAU, IS HEREBY ACCEPTED.

FOR THE DIRECTOR

Francis D. Eichelbush — NOV. 5, 1987
DATE

DEPUTY STATE DIRECTOR FOR CADASTRAL SURVEY, ALASKA

Lat. 65° 17' 48.91" N.
Long. 148° 03' 11.24" W.

Chains

Area Surveyed: 22,912.72 Acres

V.W.E.

DRAFTED on protraction Sheet F6-9

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE SURVEY OF

THE SOUTH AND EAST BOUNDARIES

OF TOWNSHIP 6 NORTH, RANGE 3 WEST,

Of the FAIRBANKS Meridian,

In the State of ALASKA

EXECUTED BY

Clarence A. Herschbach

Registered Alaska Land Surveyor No. 813 - S,

for International Technology Limited

Under special instructions dated November 2, 1984, approved January 18, 1985, which provided for the surveys included under Group Number 431, Notice to Proceed dated May 13, 1985, and Contract Number YA551-CT5-340036 dated April 30, 1985.

Survey commenced: May 20, 1985

Survey completed: July 2, 1985

INDEX DIAGRAM

Township 6 North, Range 3 West, Fairbanks Meridian, Alaska

6	5	4	3	2	1	
7	8	9	10	11	12	7
18	17	16	15	14	13	
19	20	21	22	23	24	6
30	29	28	27	26	25	
31	32	33	34	35	36	5
5	4	3		2	1	

CHAINS

The following field notes describe the survey of south and east boundaries of Township 6 North, Range 3 West, Fairbanks Meridian, Alaska.

U.S. Survey No. 5194, was surveyed by Gary S. Speight, Cadastral Surveyor, in 1974.

This survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated November 2, 1984, for Group No. 431, Alaska, and under Contract No. YA551-CT5-340036, dated April 30, 1985.

The corner positions of this survey were established using helicopter borne Auto-Surveyor methods and ground survey methods, utilizing control stations established by the U.S. Coast and Geodetic Survey and the U.S. Geological Survey. The geographic positions for AGGIE USGS 1953, GLOBE 1953, AMY DOME USGS 1953, are based on the 1976 published data prepared by the National Geodetic Survey. New Bureau of Land Management values were assigned to READY 1953, IDAHO USGS 1953, HAYSTACK MTN 1952, SHAM 1951 and DUNCAN 1951. Azimuth refers to the true meridian.

Monuments were set at protracted corner positions based on the official Bureau of Land Management protraction diagram F6-9, approved March 17, 1960.

The geographic position of the southeast corner of the township is:

Latitude 65° 17′ 48.91" North,
Longitude 148° 03′ 11.24" West.

The magnetic declination was obtained from U.S. Geological Survey quadrangle map, "LIVENGOOD (B-3)," Alaska, 1954 edition, photorevised in 1975 and indicates a mean value of 28 1/2° East.

S. Bdy., T. 6 N., R. 3 W.,
Fairbanks Meridian, Alaska

Beginning at the point for the cor. of Tps. 5 and 6 N., Rs. 2 and 3 W., F.M.

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.7 ft. in the ground, with alum. cap mkd.

CHAINS

T 6 N

R 3 W R 2 W

S 36	S 31
S 1	S 6

T 5 N

1985

from which

A spruce, 5 ins. diam., bears N. 21 3/4° E., 43 lks. dist., mkd. T6N R2W S31 BT.

A spruce, 5 ins. diam., bears S. 36 1/2° E., 12 lks. dist., mkd. T5N R2W S6 BT.

A spruce, 5 ins. diam., bears S. 40 1/2° W., 28 lks. dist., mkd. T5N R3W S1 BT.

A spruce, 6 ins. diam., bears N. 84° W., 76 lks. dist., mkd. T6N R3W S36 BT.

An alum. rod, 6 ft. long, 3/4 in. diam., driven 4.0 ft. in the ground, bears N. 50° W., 58 lks. dist., with an orange triangular marker on top.

Cor. is located in a cleared area, 50 ft. diam., and on the nose of a low ridge extending to the west, with black spruce and a few birch.

West, bet. secs. 1 and 36.

80.00 Point for the cor. of secs. 1, 2, 35 and 36, not monumented.

West, bet. secs. 2 and 35

80.00 Point for the cor. of secs. 2, 3, 34 and 35.

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.7 ft. in the ground, with alum. cap mkd.

T 6 N R 3 W

S 34	S 35
S 3	S 2

T 5 N

1985

from which

CHAINS

An aspen, 5 ins. diam., bears N. 27° E., 63 lks. dist., mkd. T6N R3W S35 BT.

An aspen, 6 ins. diam., bears S. 44 1/4° E., 75 lks. dist., mkd. T5N R3W S2 BT.

A spruce, 3 ins. diam., bears S. 27 1/4° W., 74 lks. dist., mkd. X BT.

An aspen, 4 ins. diam., bears N. 47 3/4° W., 82 lks. dist., mkd. T6N R3W S34 BT.

An alum. rod, 6 ft. long, 3/4 in. diam., driven 4.0 ft. in the ground, bears N. 85 1/2° E., 12 lks. dist., with an orange triangular marker on top.

Cor. is located in a cleared area, 50 ft. diam., and on a gentle southerly slope with aspen, birch and spruce.

West, bet. secs. 3 and 34.

80.00 Point for the cor. of secs. 3, 4, 33 and 34, not monumented.

West, bet. secs. 4 and 33.

47.29 Elliott Highway.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.7 ft. in the ground, with alum. cap mkd.

T 6 N R 3 W

S 32	S 33
S 5	S 4

T 5 N

1985

from which

A birch, 8 ins. diam., bears N. 40 3/4° E., 66 lks. dist., mkd. T6N R3W S33 BT.

A birch, 12 ins. diam., bears S. 74° E., 94 lks. dist., mkd. T5N R3W S4 BT.

A birch, 7 ins. diam., bears S. 46 1/4° W., 37 lks. dist., mkd. T5N R3W S5 BT.

CHAINS	
	A birch, 8 ins. diam., bears N. 34° W., 41 lks. dist., mkd. T6N R3W S32 BT. An alum. rod, 6 ft. long, 3/4 in. diam., driven 4.0 ft. in the ground, bears S. 79 1/4° E., 11 lks. dist., with an orange triangular marker on top. Cor. is located in a cleared area, 50 ft. diam., and on a gentle southerly slope with birch and alder.
	West, bet. secs. 5 and 32.
80.00	Point for the cor. of secs. 5, 6, 31 and 32, not monumented.
	West, bet. secs. 6 and 31.
52.00	Intersect Trans-Alaska Pipeline Monumentation Survey. From this point, PI 666-0, not monumented, bears N. 50°33' W., 2.28 chs. dist., from which original accessories An 18 ins. diam., steel piling, vertical support member, VSM-1, bears upstream and to the left of flow, 7 lks. dist., mkd. X. An 18 ins. diam., steel piling, vertical support member, VSM-2, bears left of flow, 92 lks. dist., mkd. X. An 18 ins. diam., steel piling, vertical support member, VSM-3, bears right of flow, 89 lks. dist., mkd. X. An 18 ins. diam., steel piling, vertical support member, VSM-4, bears upstream and to the right of flow, 6 lks. dist., mkd. X. From this same point, PI 666-1, not monumented, bears S. 50°33' E., 2.20 chs. dist., from which original accessories An 18 ins. diam., steel piling, vertical support member, VSM-1, bears upstream and to the left of flow, 85 lks. dist., mkd. X. An 18 ins. diam., steel piling, vertical support member, VSM-2, bears left of flow, 11 lks. dist., mkd. X. An 18 ins. diam., steel piling, vertical support member, VSM-3, bears right of flow, 5 lks. dist., mkd. X.

S. Bdy., T. 6 N., R. 3 W., Fairbanks Mer., Alaska

CHAINS	
	An 18 ins. diam., steel piling, vertical support member, VSM-4, bears upstream and to the right of flow, 85 lks. dist., mkd. X.
	Pipeline is above ground level. The right of way widths at right angles to the pipe in the direction of flow, are 0.18 chs. right and 0.91 chs. left.
78.43	The cor. of Tps. 5 and 6 N., Rs. 3 and 4 W., monumented with an alum. rod, 3/4 in. diam., set, mkd. and witnessed as described in the field notes of T. 6 N., R. 4 W., F.M., surveyed concurrently.
	E. Bdy., T. 6 N., R. 3 W., Fairbanks Meridian, Alaska
	From the cor. of Tps. 5 and 6 N., Rs. 2 and 3 W., F.M., hereinbefore described.
	North, bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36, not monumented.
	North, bet. secs. 25 and 30.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Drive an alum. rod, 4 ft. long, 3/4 in. diam., 3.7 ft. in the ground to point of refusal, with alum. cap mkd.

T 6 N

R 3 W	R 2 W
S 24	S 19
S 25	S 30

1985

from which

A spruce, 12 ins. diam., bears N. 26° E., 58 lks. dist., mkd. T6N R2W S19 BT.

A spruce, 5 ins. diam., bears S. 81° E., 73 lks. dist., mkd. T6N R2W S30 BT.

A spruce, 4 ins. diam., bears S. 56° W., 52 lks. dist., mkd. T6N R3W S25 BT.

A spruce, 12 ins. diam., bears N. 52 1/2° W., 77 lks. dist., mkd. T6N R3W S24 BT.

CHAINS

An alum. rod, 6 ft. long, 3/4 in. diam., driven 3.4 ft. in the ground to point of refusal, bears N. 26 3/4° W., 11 lks. dist., with an orange triangular marker on top.

Cor. is located in a cleared area, 50 ft. diam., on a steep southeasterly slope with birch and spruce.

North, bet. secs. 19 and 24.

80.00 Point for the cor. of secs. 13, 18, 19 and 24, not monumented.

North, bet. secs. 13 and 18.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

Drive an alum. rod, 4 ft. long, 3/4 in. diam., 3.7 ft. in the ground to point of refusal, encircled with a mound of stone, 1.5 ft. diam., to top of alum. cap mkd.

T 6 N

R 3 W	R 2 W
S 12	S 7
S 13	S 18

1985

from which

A spruce, 3 ins. diam., bears N. 51° E., 66 lks. dist., mkd. X BT.

A spruce, 4 ins. diam., bears S. 64° E., 61 lks. dist., mkd. T6N R2W S18 BT.

A spruce, 4 ins. diam., bears S. 28 1/4° W., 35 lks. dist., mkd. T6N R3W S13 BT.

A spruce, 5 ins. diam., bears N. 50 3/4° W., 65 lks. dist., mkd. T6N R3W S12 BT.

An alum. rod, 6 ft. long, 3/4 in. diam., driven 4.0 ft. in the ground, bears S. 12° W., 11 lks. dist., with an orange triangular marker on top.

Cor. is located in a cleared area, 50 ft. diam., on a southeasterly slope with spruce.

North, bet. secs. 7 and 12.

80.00 Point for the cor. of secs. 1, 6, 7 and 12, not monumented.

CHAINS	
	North, bet. secs. 1 and 6.
80.00	The cor. of Tps. 6 and 7 N., Rs. 2 and 3 W., monumented with an alum. rod, 3/4 in. diam., set, mkd. and witnessed as described in the field notes of T. 7 N., R. 3 W., F.M., surveyed concurrently.

General Description

Township 6 North, Range 3 West, is located approximately 16 miles southeasterly from the town of Livengood, Alaska.

The topography within this township is rolling hills with drainage to the south and west. Elevations range from approximately 550 ft. to 2300 ft. above sea level.

Globe Creek flows southwesterly through the southeastern portion of the township. O'Brien Creek flows westerly through the northwestern portion of the township.

The Trans-Alaska Pipeline is located in the southwestern portion of the township. U.S. Survey No. 5194 is located in the northwestern portion of the township. The Elliott Highway is located in the western part of the township. Transportation of personnel and equipment for the execution of this survey was accomplished by helicopter.

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE ANCHORAGE, AK.

FIELD ASSISTANTS

Richard C. Skinner, PLS	Party Chief
Terry L. Mesick	Inertial Operator
Graeme Rush	Asst. Project Manager
Donald Hodges	Survey Assistant
Thomas Herschbach	Survey Assistant

CERTIFICATE OF INSPECTION

I, James S. Pritchard, HEREBY CERTIFY upon honor, that the foregoing survey executed under Contract No. YA551-CT5-340036 bearing date of the 30th day of April, 1985, has been field inspected and found to have been executed in strict conformance with the special instructions and the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Nov. 5, 1987
(Date)

James S. Pritchard
(Contracting Officer's Authorized Representative)

CERTIFICATE OF SURVEY

I, Clarence A. Herschbach for International Technology Limited, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of November, 1984, and under Contract No. YA551-CT5-340036 dated the 30th day of April 1985, I have surveyed the south and east boundaries of Township 6 North, Range 3 West, of the Fairbanks Meridian, in the State of Alaska, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of Public Lands of the United States States, and in the specific manner described in the foregoing field notes.

9/28/87
(Date)

STATE OF ALASKA
49TH
Clarence A. Herschbach
813-S
REGISTERED PROFESSIONAL LAND SURVEYOR

Seal

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

The foregoing field notes of the survey described in the Certificate of Survey above, executed by Clarence A. Herschbach, having been critically examined and found correct, are hereby approved.

Nov. 5, 1987
(Date)

Deputy State Director for
Cadastral Survey, Alaska