

**U.S. SURVEY  
No. 3748, ALASKA**

SITUATED  
ON THE NORTHERLY SHORE AT THE NORTHWEST END OF LUTAK INLET  
AND ALONG THE LEFT BANK AT THE MOUTH OF CHILKOOT RIVER  
ABOUT 10 MILES NORTHWESTERLY OF HAINES, ALASKA  
ADJOINING U. S. SURVEY NO. 3745

Approximate Geographic Position  
Latitude  $59^{\circ} 19\frac{1}{2}'$  N. Longitude  $135^{\circ} 33'$  W.

AREA: 11.63 ACRES

Executed By  
CLAUD M. HOFFMAN, CARTOGRAPHIC SURVEY AID

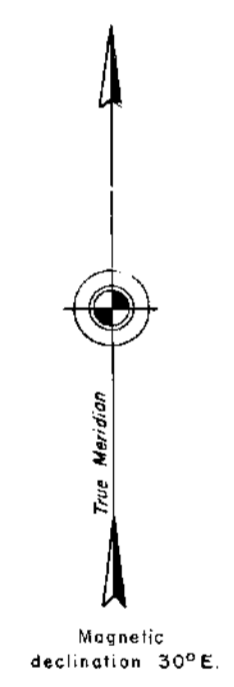
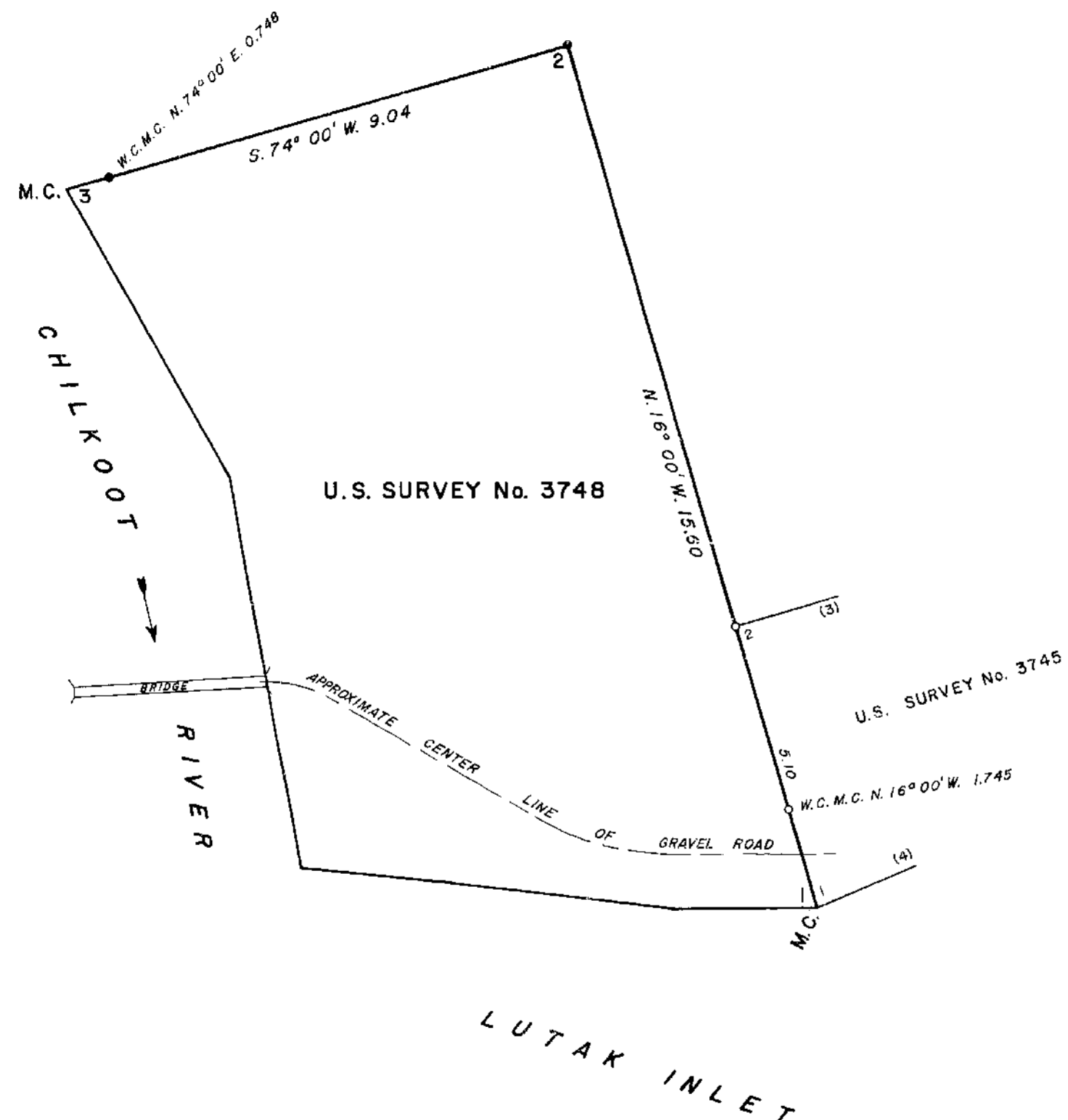
September 30, 1959  
Under Special Instructions  
Dated September 24, 1959 and  
Approved September 29, 1959

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Washington, D. C. June 2, 1960

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

Cadastral Engineering Staff Officer



- BRASS CAPPED IRON POST
- COPPERWELD SURVEY MARKER



ORIGINAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JUL 13 1960

FIELD NOTES

CADASTRAL SURVEY OFFICE  
Anchorage, Alaska

OF

U.S. SURVEY NO. 3748

PUBLIC SERVICE SITE

SITUATED

ON THE NORTHERLY SHORE AT THE NORTHWEST END OF LUTAK INLET

AND

ALONG THE LEFT BANK AT THE MOUTH OF CHILKOOT RIVER

ABOUT 10 MILES NORTHWESTERLY

OF

HAINES, ALASKA

ADJOINING U.S. SURVEY NO. 3745

IN

APPROXIMATE GEOGRAPHIC POSITION

LATITUDE 59°19' N. LONGITUDE 135°33' W.

Of the \_\_\_\_\_ Meridian,

In the State of \_\_\_\_\_ ALASKA

EXECUTED BY

CLAUD M. HOFFMAN, CARTOGRAPHIC SURVEY AID

Under special instructions dated \_\_\_\_\_ SEPTEMBER 24, \_\_\_\_\_, 19 59, which provided

for the surveys included under <sup>U.S. Survey</sup> ~~Group~~ No. 3748, approved SEPTEMBER 29, 1959

and assignment instructions dated \_\_\_\_\_ SEPTEMBER 24, \_\_\_\_\_, 19 59

Survey commenced \_\_\_\_\_ SEPTEMBER 30, \_\_\_\_\_, 19 59

Survey completed \_\_\_\_\_ SEPTEMBER 30, \_\_\_\_\_, 19 59

## U.S. SURVEY NO. 3748

## Chains

Survey commenced September 30, 1959 and executed with a W. and L. E. Gurley transit, Serial No. 591574, which is constructed in accordance with the standard instrument specifications of the Bureau of Land Management. After satisfactory tests the instrument was found free from appreciable error.

All measurements were made with a 1/8 in. steel tape, 3.50 chains long, graduated every link, with the first link graduated to tenths of a link. The tape was compared with a 66 ft. standard steel tape and found correct.

All measurements were made on the slope with the vertical angle of each interval measured with the transit circle and the horizontal equivalents entered in the field note record.

The geographic position is scaled from the U.S. Geological Survey Quadrangle titled "Skagway B-2" and recorded to the nearest half minute in this field note record as latitude  $59^{\circ}19' \frac{1}{2}''$  N., longitude  $135^{\circ}33'$  W.

The azimuth for this survey was determined from line 1-2, U.S. Survey No. 3745, as this line is identical to a portion of line 1-2. The record bearing of this line is N.  $16^{\circ}00'$  W. This azimuth is carried to all parts of the survey by taking the mean of direct and reverse deflection angles at each instrument station.

The magnetic declination is  $30^{\circ}$  E.

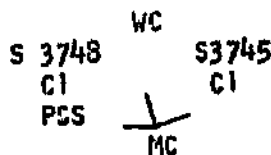
Begin at point for meander cor. No. 1, identical with meander cor. No. 1, U.S. Survey No. 3745, on the northwesterly shore of Lutak Inlet, unsafe place for monument.

N.  $16^{\circ}00'$  W., on line 1-2, identical with line 1-2, U.S. Survey No. 3745.

Ascend 10 ft. over gravelly and sandy shoreline.

0.94 Approximate center line of gravel road bears East and West.

1.745 Point established for the witness meander cor. No. 1, identical with the witness meander cor. No. 1, U.S. Survey No. 3745, monumented with a regulation brass capped iron post 2 1/2 ins. diam., showing 2 ins. above the ground, firmly set, mkd. and witnessed as described in the field notes of U.S. Survey No. 3745. 1 add mks. to cap to now road



1959

No additional bearing objects taken.

Thence enter spruce and birch timber.

2.34 Base of steep southerly slope.

Thence ascend 55 ft.

3.68 Top of steep slope, thence over nearly level land, through hemlock and spruce timber.

## U.S. SURVEY NO. 3748

Chains

5.10

Cor. No. 2, U.S. Survey No. 3745, monumented with a regulation brass capped iron post, 2 $\frac{1}{2}$  ins. diam., showing 2 ins. above the ground, firmly set, mkd. and witnessed as described in the field notes of U.S. Survey No. 3745. 1 add mks. to cap to now road

S3748  
PSS

S3745  
C2

1959

No additional bearing objects taken.

Thence ascend 75 ft. over gentle to rolling southerly slope, through hemlock and spruce timber.

15.60

Point for cor. No. 2.

Set a copperweld survey marker, 36 ins. long, with a 1 $\frac{1}{2}$  in. brass cap, 23 ins. in the ground, with brass cap mkd.

S3748  
C2  
P.S.S.

1959

from which

A hemlock, 10 ins. diam., bears S. 55° W., 50 $\frac{1}{2}$  lks. dist., mkd. PSS S3748 C2 BT.

A spruce, 10 ins. diam., bears N. 85° W., 12 lks. dist., mkd. S 3748 C2 BT.

S. 74°00' W., on line 2-3.

Over nearly level land, through hemlock and scattered spruce timber, with dense berrybush undergrowth.

2.40

Descending 140 ft. over steep westerly slope, through open hemlock and spruce timber.

8.292

Point established for the witness meander cor. No. 3.

Set a copperweld survey marker, 36 ins. long, with a 1 $\frac{1}{2}$  in. brass cap, 30 ins. in the ground, with brass cap mkd.

WC

MC

S3748  
C3  
PSS

1959

from which

A spruce, 5 ins. diam., bears S. 5° E., 46 $\frac{1}{2}$  lks. dist., mkd. X at breast height and BT at base.

A spruce, 10 ins. diam., bears S. 55° E., 51 lks. dist., mkd. X at breast height and BT at base.

8.50

Leave timber, thence over nearly level grass land.

## U.S. SURVEY NO. 3748

## Chains

9.04

Point for meander cor. No. 3, on the easterly bank of Chilkoot River, at mean high water of Lutak Inlet, unsafe place for monument.

Thence downstream, along the easterly bank of Chilkoot River, with the meanders of mean high water, of Lutak Inlet.

Over nearly level sandy and gravelly bank.

S. 29°39' E., 5.76 chs.

S. 9°53' E., 3.15 chs.

S. 10°20' E., 3.77 chs.

At 0.33 chs., intersect easterly end of bridge and gravel road, thence over bridge.

At 0.42 chs., center line of bridge, at easterly end, extends S.86°52' W., 3.35 chs. Gravel road bears N. 87° E., 0.60 chs., thence S. 60° E.

At 0.51 chs., leave bridge, thence over gravelly and sandy shore line.

At 3.77 chs., end of course, leave bank, defined and formed by Chilkoot River, thence continue meanders of Lutak Inlet.

S. 84°27' E., 2.61 chs.

S. 83°35' E., 3.89 chs.

N. 89°27' E., 2.47 ch.

At end of course, point for meander cor. No. 1 and point of beginning, containing 11.63 acres.

GENERAL DESCRIPTION

The land within the survey, in the northeast portion, lies on a spur, extending southwesterly to the gravel road which traverses through the survey at the edge of timberline.

The soil in the northeasterly portion is a mixture of forest mold and sandy loam, with sand and gravel in the area along the shoreline of Lutak Inlet. Black muck is present along the bank of Chilkoot River, which is subject to tidal actions.

There are no improvements within the survey.  
Timber consists of spruce and hemlock.



