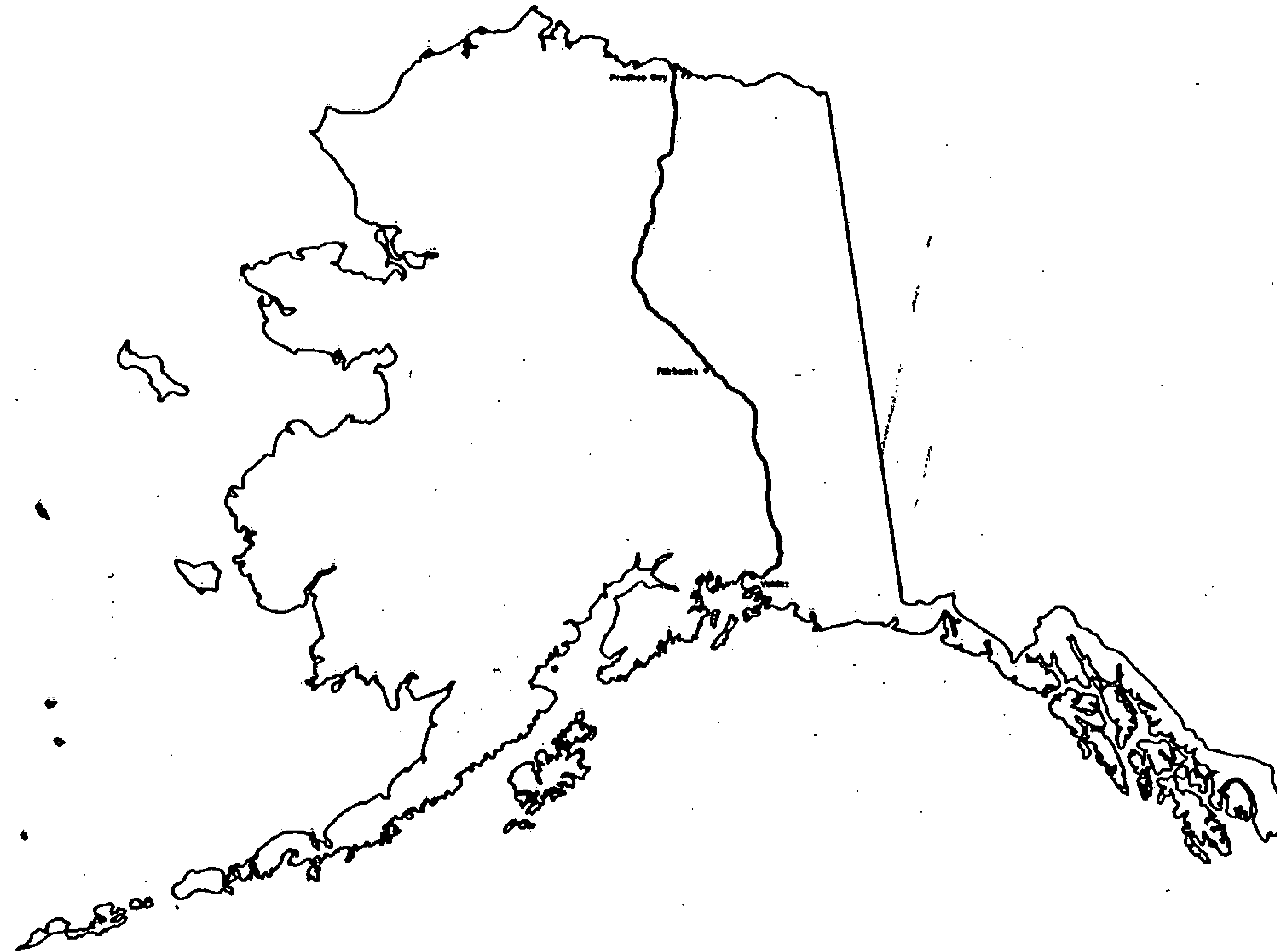


TRANS-ALASKA PIPELINE RIGHT-OF-WAY WIDTHS



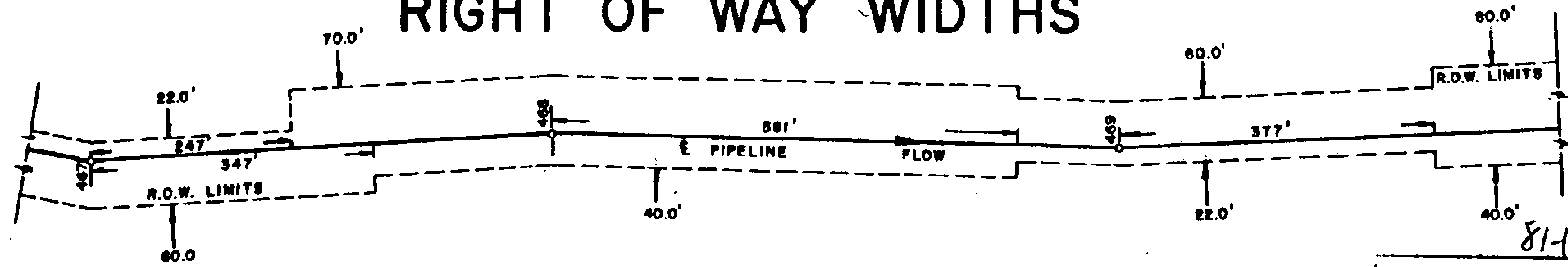
prepared by
OCEAN TECHNOLOGY LTD.

Alyeska pipeline

SERVICE COMPANY

agent for:
AMERADA HESS PIPELINE CORPORATION
ARCO PIPELINE COMPANY
BP PIPELINES INC.
EXXON PIPELINE COMPANY
MOBIL ALASKA PIPELINE COMPANY
PHILLIPS ALASKA PIPELINE COMPANY
SOHIO PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

RIGHT OF WAY WIDTHS



TYPICAL SCHEDULE

POINT I. D.	HORZ. DISTANCE	R.O.W. WIDTHS		AS BUILT PIPELINE STATIONING	CODE CLASSIFICATION
		DIRECTION OF FLOW RIGHT	LEFT		
467	247	60	22	15661 + 19	(A-E2)
467	347	60	70	15662 + 19	(A-C)
468	561	40	70	15696 + 73	(B-E1-E2)
469	377	22	60	15721 + 29	(A-E1-E2)
		40	80		(B-E2)

RECORDED - FILED

Valdoy

REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED

Chitma

REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

" THE DESIGNATIONS OF LAND STATUS ARE FOR USE IN WIDTH CONTROL ONLY AND ARE NOT TO BE RELIED UPON FOR TITLE (OWNERSHIP) DETERMINATIONS. HIGHWAYS/ROADS/TRAILS CLAIMED OR DESIGNATED AS RIGHTS-OF-WAY BY THE STATE OF ALASKA CROSSED BY THE PIPELINE ARE SHOWN HEREIN BY THE DESIGNATION "STATE LAND" IN THE POINT I.D. COLUMN. THIS IS NOT INTENDED TO INDICATE THAT TITLE TO THE LAND UNDERLYING THE HIGHWAYS/ROADS/TRAILS IS NECESSARILY OWNED IN FEE BY THE STATE OF ALASKA."

RECORDED - FILED

Sanlambor

REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED

Bannon

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED

Rumpert

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED

H. Allison

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

2

81-1

RECORDED - FILED	
<i>Valley</i>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:10</u>	<u>A</u> M
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

R.O.W. CODE CLASSIFICATION

A Aboveground Oil Line Federal Lands Standard 22 feet - 42 feet

The modification and additional R.O.W. is required to compensate for the area taken up by the aboveground support structures. This will allow clearance for heavy equipment on the driveway side of the line.

A 1 Aboveground Oil Line State Land Standard 25 feet - 75 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

B Belowground Oil Line Federal Land Standard 12 feet - 42 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

B 1 Belowground Oil Line State Land Standard 25 feet - 75 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

C Workpad Driveway Crossover

Additional R.O.W. is required where driveway switches from one side of line to the other, this will allow heavy equipment to make the change without damage to the pipeline.

C 1 Workpad Driveway Extension

Additional R.O.W. is required to negotiate steep terrain adjacent to the pipeline.

D River Training Structures

Spur Dikes/Revetments/Guide Bank/River Plugs

Additional R.O.W. is required to allow access for heavy equipment needed to repair and maintain the structures. Forty-five feet from the visible toe allows access to the buried 25 foot apron around the structures.

81-1

RECORDED - FILED	
<i>Chitina</i>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:20</u>	<u>A</u> M
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>Lambert</i>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>1:39</u>	<u>P</u> M
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>bumon</i>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>A. Sullivan</i>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>Lambert</i>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

[cbm128pm]

R.O.W. CODE CLASSIFICATION (Cont'd)

E Structural Overfill for Pipe Restraint

Additional R.O.W. is required to maintain these structures.

E 1 Workpad and V.S.M. Insulation

Additional R.O.W. is required to protect, maintain and repair insulated area.

E 2 Transverse Levees and Cross Drainage Area

Additional R.O.W. is required to maintain and repair these areas. This is essential to prevent or control erosion.

E 3 Soft Areas of Workpad

Additional R.O.W. is required to allow for possible extra material lifts on these portions of the pad.

E 4 Sub Drains and Monitoring Hess Creek Approach

Additional R.O.W. is required for monitoring and maintenance operations

81-1

RECORDED - FILED	
<i>Vaddy</i>	
DATE	1-12 1981
TIME	10:10 A.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>Ushina</i>	
DATE	1-12 1981
TIME	10:20 A.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

E 5 Denali Fault

Additional R.O.W. is required in order to perform monitoring surveys.

E 11 Remedial Repair Zone

Additional R.O.W. is required to encompass existing remedial repair structures and for ongoing pipe performance monitoring, maintenance of surface drainage structures, and for possible future pipeline repair activities.

E 6 Cut Sections

Additional R.O.W. is required for maintenance purposes.

81-1

RECORDED - FILED	
<i>Dunham</i>	
DATE	1-7 1981
TIME	1:39 P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>Banner</i>	
DATE	1-7 1981
TIME	2:13 P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>Rampart</i>	
DATE	1-7 1981
TIME	2:13 P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<i>A. Sutton</i>	
DATE	1-7 1981
TIME	2:13 P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

[cbm128pm]

R.O.W. CODE CLASSIFICATION (Cont'd)

E 7 Side Fills

Additional R.O.W. is required to maintain the special side fill buttress for side bend pipe restraint.

E 8 Ptarmigan Drop

Additional R.O.W. is required to maintain the special belowground drainage system.

E 9 Thompson Pass and Keystone Canyon

Additional R.O.W. is required to maintain the subsurface drainage and buttresses.

E 10 Fort Liscomb Slide

Additional R.O.W. is required to allow periodic survey monitoring of the area.

F River, Stream, Bridges and Road Crossings

Additional R.O.W. is required to allow access for heavy equipment to maintain and repair the structures.

G Fuel Gas Line Federal Land Standard 10 feet - 40 feet

No additional R.O.W. is required.

G 1 Fuel Gas line State Land Standard 10 feet - 40 feet

No additional R.O.W. is required.

G 2 Fuel Gas Line

Fuel gas line departs from oil line because of small creek running parallel to oil line. Additional R.O.W. is required.

G 3 Fuel Gas Line

Gas line departs from oil line because of small lake crossing oil line. No additional R.O.W. is required.

81-1 RECORDED - FILED <i>Valdez</i>	81-1 RECORDED - FILED <i>Chitna</i>
REC. DIST. _____	REC. DIST. _____
DATE <u>1-12</u> 19 <u>81</u>	DATE <u>1-12</u> 19 <u>81</u>
TIME <u>10:10</u> A.M.	TIME <u>10:20</u> A.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	
81-1 RECORDED - FILED <i>Jainamba</i>	81-1 RECORDED - FILED <i>Bannan</i>
REC. DIST. _____	REC. DIST. _____
DATE <u>1-7</u> 19 <u>81</u>	DATE <u>1-7</u> 19 <u>81</u>
TIME <u>1:39</u> P.M.	TIME <u>2:13</u> P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

~~RECORDED - FILED~~

Rampart

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

A. Billon

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION (Cont'd)

814

RECORDED - FILED

Vandy REC. DIST.

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

H Pad Widening at Access Road

Additional R.O.W. is required for heavy equipment to negotiate the turn from access road to workpad driveway.

I Insulation Box

Additional R.O.W. is required for maintenance and repair.

I 1 Insulated Pipe Burial

Additional R.O.W. is required to maintain the insulated maintenance pad and free standing heat pipe array associated with the insulated box design.

P Pump Station

Additional R.O.W. is required for operating, maintenance, and security reasons.

814

RECORDED - FILED

Chitma REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

PP-A Private Property

Alyeska purchase R.O.W. (see R.O.W. drawing).

814

RECORDED - FILED

Barrow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

PP-N Alaska Native Allotment - (see R.O.W. drawing)

PP-E Federal Entryman - (see R.O.W. drawing)

PP-M Mining Claim - (see R.O.W. drawing)

PP-S R.O.W. Acquired by Eminent Domain Proceeding

Interest now held under State lease provision (see R.O.W. drawing).

814

RECORDED - FILED

Zambor REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

V Valve Sites

Additional R.O.W. is required for operating and maintenance.

814

RECORDED - FILED

Rampart REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

814

RECORDED - FILED

H. Dixon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION (Cont'd)

P.L.1 Power Line

Additional R.O.W. is necessary from Pump Station 6 to the south bank of the Yukon River to construct and maintain an overhead power line at the toe of the workpad on the driveway side.

R.C.1 Arch Road Crossing

Additional R.O.W. is required to maintain the bin walls and associated structural fill.

81-1

RECORDED - FILED		
<i>Valdez</i> REC. DIST.		
DATE	1-12	19 81
TIME	10:10	A.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Chitna</i> REC. DIST.		
DATE	1-12	19 81
TIME	10:20	A.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Fairbanks</i> REC. DIST.		
DATE	1-7	19 81
TIME	1:39	P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Branon</i> REC. DIST.		
DATE	1-7	19 81
TIME	2:13	P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Ramp pad</i> REC. DIST.		
DATE	1-7	19 81
TIME	2:13	P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>St. Bibb</i> REC. DIST.		
DATE	1-7	19 81
TIME	2:13	P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

G-100 SERIES ALIGNMENT SHEET 66 *** (PAGE 2 CONTINUED)
21 APR 80

580-8	312.	-----	-----	19485+60	END PAD CROSSOVER
-----	-----	12	60	----- (B-E2)	-----
582	48.	-----	-----	19513+12	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
-----	-----	60	60	----- (B-C-E2)	-----
582	148.	-----	-----	19514+12	END PAD CROSSOVER & WIDENING
-----	-----	60	22	----- (A)	-----
582-8	371.	-----	-----	19540+87	PAD CROSSOVER, BEGIN WIDENING, A/G TO B/G TRANSITION
-----	-----	60	60	----- (B-C-E2)	-----
583	131.	-----	-----	19552+94	B/G TO A/G TRANSITION, END WIDENING
-----	-----	50	42	----- (A-H)	BEGIN WIDENING FOR ACCESS TO WORKPAD
583-4	63.	-----	-----	19560+43	END WIDENING FOR ACCESS TO WORKPAD
-----	-----	22	42	----- (A)	-----
583-8	315.	-----	-----	19568+46	A/G TO B/G TRANSITION, BEGIN WIDENING
-----	-----	12	60	----- (B-E2)	-----
585	957.	-----	-----	19616+20	B/G TO A/G TRANSITION END WIDENING
-----	-----	22	42	----- (A)	-----
585-8	254.	-----	-----	19633+38	A/G TO B/G TRANSITION BEGIN WIDENING
-----	-----	12	60	----- (B-E2)	-----
586	1054.	-----	-----	19648+31	BEGIN PAD CROSSOVER
-----	-----	60	60	----- (B-C-E2)	-----
586	1154.	-----	-----	19649+31	END PAD CROSSOVER
-----	-----	60	12	----- (B-E2)	-----
586	1213.	-----	-----	19649+90	B/G TO A/G TRANSITION, END WIDENING
-----	-----	42	22	----- (A)	-----
MATCH LINE		-----	-----	19660+00	

81-1
RECORDED - FILED
Vally REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christa REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zainabko REC. DIST.
DATE 1-7 1981
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banow REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Bibiana REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 66
 21 APR 80

81-1
RECORDED - FILED
Zankamba
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:29 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
K. Sibler
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				19340+00		
		60	12		(B-E1)	
566	879.			19345+76		END WIDENING, B/G TO A/G TRANSITION
		42	22		(A)	
567-8	385.			19365+46		BEGIN PAD CROSSOVER AND WIDENING, A/G TO B/G TRANSITION
		60	60		(B-C-E2)	
568	56.			19366+46		END PAD CROSSOVER
		12	60		(B-E2)	
STATE LAND ***						
568.	1371.			19379+54		BEGIN PAD CROSSOVER, INT. STATE HWY. R/W
		42	58		(B1-C-E2)	
FEDERAL LAND ***						
568.	1571.			19381+54		END PAD CROSSOVER, INT. STATE HWY. R/W, END WIDENING
		42	22		(A)	
570-4	332.			19400+31		BEGIN PAD CROSSOVER & WIDENING, A/G TO B/G TRANSITION
		60	60		(B-C-E2)	
570-4	432.			19401+31		END PAD CROSSOVER
		12	60		(B-E2)	
578	124.			19424+70		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
		60	60		(B-C-E2)	
578	224.			19425+70		END PAD CROSSOVER & WIDENING
		60	22		(A)	
579-6	305.			19445+50		BEGIN PAD CROSSOVER & WIDENING, A/G TO B/G TRANSITION
		60	60		(B-C-E2)	
579-6	405.			19446+50		END PAD CROSSOVER
		12	60		(B-E2)	
580	930.			19470+12		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
		60	60		(B-C-E2)	
580	1030.			19471+12		END PAD CROSSOVER & WIDENING
		42	22		(A)	
580-8	212.			19484+60		BEGIN PAD CROSSOVER & WIDENING, A/G TO B/G TRANSITION
		60	60		(B-C-E2)	

G-100 SERIES ALIGNMENT SHEET 67
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE						
		42	22	19660+00	(A)	
588-2	502.	165	22	19721+57	(A-V)	N. BDY. CHECK VALVE 61 AND MANUAL GATE VALVE 61A
588-2	682.	42	22	19723+37	(A)	S. BDY. CHECK VALVE 61 AND MANUAL GATE VALVE 61A
592-2	1305.	42	42	19868+49	(A-C)	BEGIN PAD CROSSUNDER
592-3	10.	22	42	19869+24	(A)	END PAD CROSSUNDER
593-6	206.44	22	165	19956+53	(A-V)	N. BDY. REMOTE GATE VALVE 62
593-7	62.00	22	42	19959+88	(A)	S. BDY. REMOTE GATE VALVE 62
MATCH LINE						
				19960+00		

81-1
RECORDED - FILED
Valdez REC. DIST.
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fairbanks REC. DIST.
DATE 1-7 1981
TIME 1:39 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Ignace REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 68

21 APR 80

POINT + DISTANCE
 HORZ. DISTANCE
 DIRECTION OF FLOW
 ROW WIDTHS
 ASBUILT PIPELINE STATIONING
 CODE CLASSIFICATION
 COMMENTS

POINT + DISTANCE	HORZ. DISTANCE	DIRECTION OF FLOW	ROW WIDTHS	ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
594-2	181.		22	19973+00	(A)	BEGIN FISH CREEK WORKPAD BRIDGE
594-4	136.		22	19984+00	(A-F)	END FISH CREEK WORKPAD BRIDGE
596	148.76		22	20012+10	(A)	N. BDY. CHECK VALVE 63
596-1	78.00		42	20013+75	(A-V)	S. BDY. CHECK VALVE 63, CROSSUNDER HESS CK. SOUTH APPROACH, SUBDRAINS AND MONITORING
597	50.		45	20021+99	(A-E4-C)	PAD CROSSOVER, A/G TO B/G TRANSITION
604B	1129.		22	20083+09	(B-E2)	BEGIN WIDENING FOR PAD MAINTENANCE
607	1141.		22	20138+05	(B-E2)	B/G TO A/G TRANSITION END WIDENING
608-8	20.		42	20193+95	(A)	BEGIN WORKPAD BRIDGE, ERICKSON CREEK NO. 2, PAD X-UNDER
609-1	320.		42	20197+50	(A-F-C)	END WORKPAD BRIDGE, ERICKSON CREEK NO. 2
MATCH LINE						
FEDERAL LAND ***						
MATCH LINE						

81-1

RECORDED - FILED

REC. DIST. W. J. J. J.

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED

REC. DIST. Christina

DATE 1-12 1981

TIME 10:20 P.M.

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED

REC. DIST. Jonathan

DATE 1-7 1981

TIME 1:35 P.M.

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED

REC. DIST. Barnes

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED

REC. DIST. Blampied

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED

REC. DIST. R. Johnson

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

R O W WIDTHS
 DIRECTION OF FLOW
 ASBUILT
 PIPELINE
 STATIONING
 CLASSIFICATION
 CODE
 COMMENTS

POINT	HORZ.	I.D. + DISTANCE	DIRECTION OF FLOW	ASBUILT	PIPELINE	STATIONING	CLASSIFICATION	CODE	COMMENTS
FEDERAL LAND ***									
MATCH LINE									
611-6	23.					20293+00	(A-F)	(A)	BEGIN WORKPAD BRIDGE ERICKSON NO. 1
612-1	263.					20296+00	(A)	(A)	END WORKPAD BRIDGE ERICKSON NO. 1
612-5	408.					20309+67	(B-E2-C)	(A)	BEGIN PAD CROSSOVER AND WIDENING, A/G TO B/G TRANSITION
612-5	508.					20310+67	(B-E2)	(A)	END PAD CROSSOVER
613	922.					20344+42	(B-E2)	(A)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
613	1022.					20345+42	(A)	(A)	END PAD CROSSOVER AND WIDENING
618-6	809.					20497+55	(A-V)	(A)	N. BDY. CHECK VALVE 64
618-6	974.					20499+20	(A)	(A)	S. BDY. CHECK VALVE 64
MATCH LINE									

81-1

RECORDED - FILED

W. S. W. W. W.

REC. DIST. 1-12 1981

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR

703 W. NORTHERN LTS.

ANCHORAGE, AK 99503

81-1

RECORDED - FILED

W. S. W. W. W.

REC. DIST. 1-12 1981

DATE 1-12 1981

TIME 10:20 P.M.

Requested by AS/DNR

703 W. NORTHERN LTS.

ANCHORAGE, AK 99503

81-1

RECORDED - FILED

W. S. W. W. W.

REC. DIST. 1-7 1981

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR

703 W. NORTHERN LTS.

ANCHORAGE, AK 99503

81-1

RECORDED - FILED

W. S. W. W. W.

REC. DIST. 1-7 1981

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR

703 W. NORTHERN LTS.

ANCHORAGE, AK 99503

81-1

RECORDED - FILED

W. S. W. W. W.

REC. DIST. 1-7 1981

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR

703 W. NORTHERN LTS.

ANCHORAGE, AK 99503

81-1

RECORDED - FILED

W. S. W. W. W.

REC. DIST. 1-7 1981

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR

703 W. NORTHERN LTS.

ANCHORAGE, AK 99503

R O W WIDTHS
 DIRECTION OF FLOW
 ASBUILT
 PIPELINE
 STATIONING
 CLASSIFICATION
 CODE
 COMMENTS

POINT	HORZ.	DIRECTION OF FLOW	ASBUILT	PIPELINE	STATIONING	CLASSIFICATION	CODE	COMMENTS
FEDERAL LAND ***								
MATCH LINE								
623-6	263.	42	22	1A	20520+00			
623-6	1120.	60	12	(B-E2	20625+89			A/G TO B/G TRANSITION, BEGIN WIDENING
623-6	1220.	60	42	(B-E2-C	20634+89			BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
624A-4	222.	22	42	1A	20696+28			END PAD CROSSOVER & WIDENING
624A-4	995.	90	170	1A-F	20704+00			BEGIN LOST CREEK WORKPAD BRIDGE & WIDENING
624A-4	249.	22	60	1A-E2	20733+71			END LOST CREEK WORKPAD BRIDGE
626-6	249.	12	60	1B-E2	20777+92			A/G TO B/G TRANSITION
626-6	4633.	22	42	1A	20810+00			END WIDENING, B/G TO A/G TRANSITION
MATCH LINE								

8/1-1

RECORDED - FILED

DATE 1-12 1981

TIME 10:10 A M

REC. DIST. [Signature]

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8/1-1

RECORDED - FILED

DATE 1-12 1981

TIME 10:20 A M

REC. DIST. [Signature]

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8/1-1

RECORDED - FILED

DATE 1-7 1981

TIME 1:34 P M

REC. DIST. [Signature]

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8/1-1

RECORDED - FILED

DATE 1-7 1981

TIME 2:15 P M

REC. DIST. [Signature]

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8/1-1

RECORDED - FILED

DATE 1-7 1981

TIME 2:13 P M

REC. DIST. [Signature]

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8/1-1

RECORDED - FILED

DATE 1-7 1981

TIME 2:13 P M

REC. DIST. [Signature]

Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitma
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Faulstich
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:29 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

6-100 SERIES ALIGNMENT SHEET 71
 21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND *** MATCH LINE				20810+00		
628-7	308.	22	42	20817+74	(A)	BEGIN WIDENING, A/G TO B/G TRANSITION
STATE LAND *** 628-7	3111.	12	60	20845+77	(B-E2)	BEGIN PAD CROSSOVER, INT. STATE HIGHWAY R/W
FEDERAL LAND *** 628-7	3417.	42	75	20848+83	(B1-E2-C)	END WIDENING, INT. STATE HWY. R/W, B/G TO A/G TRANSITION
631-5	253.	42	22	20909+79	(A)	BEGIN PAD CROSSOVER AND WIDENING, A/G TO B/G TRANSITION
632	59.	42	60	20910+79	(B-E2-C)	END PAD CROSSOVER
STATE LAND *** 633.	3077.	12	60	20970+88	(B-E2)	BEGIN PAD CROSSOVER, INT. N. R/W MANLEY HOT SPRINGS RD.
FEDERAL LAND *** 633.	3292.	42	60	20973+03	(B1-E2-C)	INT. S. R/W MANLEY HOT SPRINGS ROAD
633.	3462.	42	60	20973+73	(B-E2-C)	END PAD CROSSOVER & WIDENING
634-3	115.26	42	22	20982+99	(A)	N. BDY. REMOTE GATE VALVE 65
634-4	270.00	165	22	20986+34	(A-V)	S. BDY. REMOTE GATE VALVE 65
636-3	7.	42	22	21039+00	(A)	BEGIN TOLOVANA RIVER WORKPAD BRIDGE
636-8	318.	200	22	21050+06	(A-F)	BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
636-8	418.	200	42	21051+06	(B-C)	END PAD CROSSOVER & TOLOVANA RIVER WORKPAD BRIDGE
		12	42		(B)	

81-1
RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

638	10.	-----	21084+33		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
-----	-----	42	42	----- (B-C)	-----
638	110.	-----	21085+33		END PAD CROSSOVER
-----	-----	42	22	----- (A)	-----
MATCH LINE		-----	21100+00		

81-1

RECORDED - FILED

Vulding REC. DIST.

DATE 1-12 1981

TIME 10:10 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Chitima REC. DIST.

DATE 1-12 1981

TIME 10:20 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Zumbardo REC. DIST.

DATE 1-7 1981

TIME 1:39 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barnow REC. DIST.

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampack REC. DIST.

DATE 1-7 1981

TIME 2:10 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

A. Dillon REC. DIST.

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 72
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				21100+00		
		42	22		(A)	
638-14	91.			21156+12		N. BDY. CHECK VALVE 66
		165	22		(A-V)	
638-14	256.			21157+77		S. BDY. CHECK VALVE 66
		42	22		(A)	
639-3	261.			21175+84		BEGIN WIDENING, A/G TO B/G TRANSITION
		60	12		(B-E2)	
646-C	10.			21279+03		BEGIN PAD CROSSOVER
		60	60		(B-E2-C)	
646-C	110.			21280+03		END PAD CROSSOVER
		12	60		(B-E2)	
649	2201.			21324+84		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
		42	60		(B-E2-C)	
649	2301.			21325+84		END PAD CROSSOVER & WIDENING
		42	22		(A)	
650-12	10.			21409+83		BEGIN PAD CROSSOVER AND WIDENING
		60	60		(B-E2)	
MATCH LINE				21410+00		

81-1
RECORDED - FILED
Valdez
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora
REC. DIST. _____
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow
REC. DIST. _____
DATE 1-7 1981
TIME 2:8 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 73
21 APR 80

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fairbanks REC. DIST.
DATE 1-7 1981
TIME 1:29 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE				21410+00		
		60	60		(B-E2)	
650-12	260.			21412+33		END PAD CROSSOVER, A/G TO B/G TRANSITION
		12	60		(B-E2)	
652	649.			21440+65		BEGIN WIDENING FOR PAD MAINTENANCE
		12	60		(B-E2)	
652	1271.			21447+17		END WIDENING, B/G TO A/G TRANSITION
		22	42		(A)	
652-8	260.			21461+88		BEGIN WIDENING, A/G TO B/G TRANSITION
		12	60		(B-E2-C)	
653	129.			21482+68		WIDENING CONTINUED
		12	60		(B-E2)	
653	1704.			21498+58		END WIDENING, B/G TO A/G TRANSITION
		22	42		(A)	
653-16	240.			21534+50		BEGIN PAD CROSSUNDER
		42	42		(A-C)	
653-16	300.			21535+10		END PAD CROSSUNDER
		42	22		(A)	
653-22	729.			21555+63		BEGIN WIDENING
		60	22		(A-E2)	
654-5	264.			21574+59		BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
		60	60		(B-E2)	
654-5	364.			21575+59		END PAD CROSSOVER
		12	60		(B-E2)	
657	2171.			21647+55		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
		60	60		(B-C-E2)	
657	2271.			21648+55		END PAD CROSSOVER
		60	22		(A-E2)	
MATCH LINE				21720+00		

81-1
RECORDED - FILED
Barnum REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Dillon REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 74
21 APR 80

81-1
RECORDED - FILED
Valdez
DATE 1-12 1981
TIME 10:10 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna
DATE 1-12 1981
TIME 10:20 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT V	LEFT V			
FEDERAL LAND *** MATCH LINE				21720+00		
659-7	117.	60	22	21721+86	(A-E2)	END WIDENING
659-9	359.	42	22	21729+06	(A)	N. BDY. REMOTE GATE VALVE 67
659-9	694.	165	22	21732+41	(A-V)	S. BDY. REMOTE GATE VALVE 67
663-6	252.	42	22	21856+86	(A)	A/G TO B/G TRANSITION
		42	12		(B)	
PUMP STATION NO 7 663-6	414.23			21858+48		N. BDY. PUMP STATION NO. 7, SEE DWG. D-37-L600
		XX	XX		(P)	
FEDERAL LAND *** 663-7	79.29			21876+42		S. BDY. PUMP STATION NO. 7
		22	42	21952+10	(A)	BEGIN WIDENING, A/G TO B/G TRANSITION
666-4	262.			21982+98	(B-E2)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
667	237.	12	60	21983+98	(B-E2-C)	END PAD CROSSOVER AND WIDENING
667	337.	60	60		(A)	
		42	22		(A)	
MATCH LINE				22030+00		

81-1
RECORDED - FILED
Sanborn
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sanborn
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sanborn
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sanborn
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 75
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE				22030+00		
		42	22		(A)	
669-2	659.			22042+85		BEGIN CROSSUNDER & SNOWPAD WIDENING
		60	60		(A-E2-C)	
669-3	59.			22043+55		END CROSSUNDER
		22	60		(A-E2)	
669-10	304.			22080+17		A/G TO B/G TRANSITION
		12	60		(B-E2)	
671	3495.			22185+15		END WIDENING, B/G TO A/G TRANSITION
		22	42		(A)	
673-6	600.			22246+73		BEGIN PAD CROSSUNDER
		42	42		(A-C)	
673-6	660.			22247+33		END PAD CROSSUNDER
		42	22		(A)	
673-12	228.			22268+25		BEGIN PAD CROSSOVER AND WIDENING, A/G TO B/G TRANSITION
		42	60		(B-C-E2)	
673-12	328.			22269+25		END PAD CROSSOVER
		12	60		(B-E2)	
MATCH LINE				22340+00		

81-1
RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Lambert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

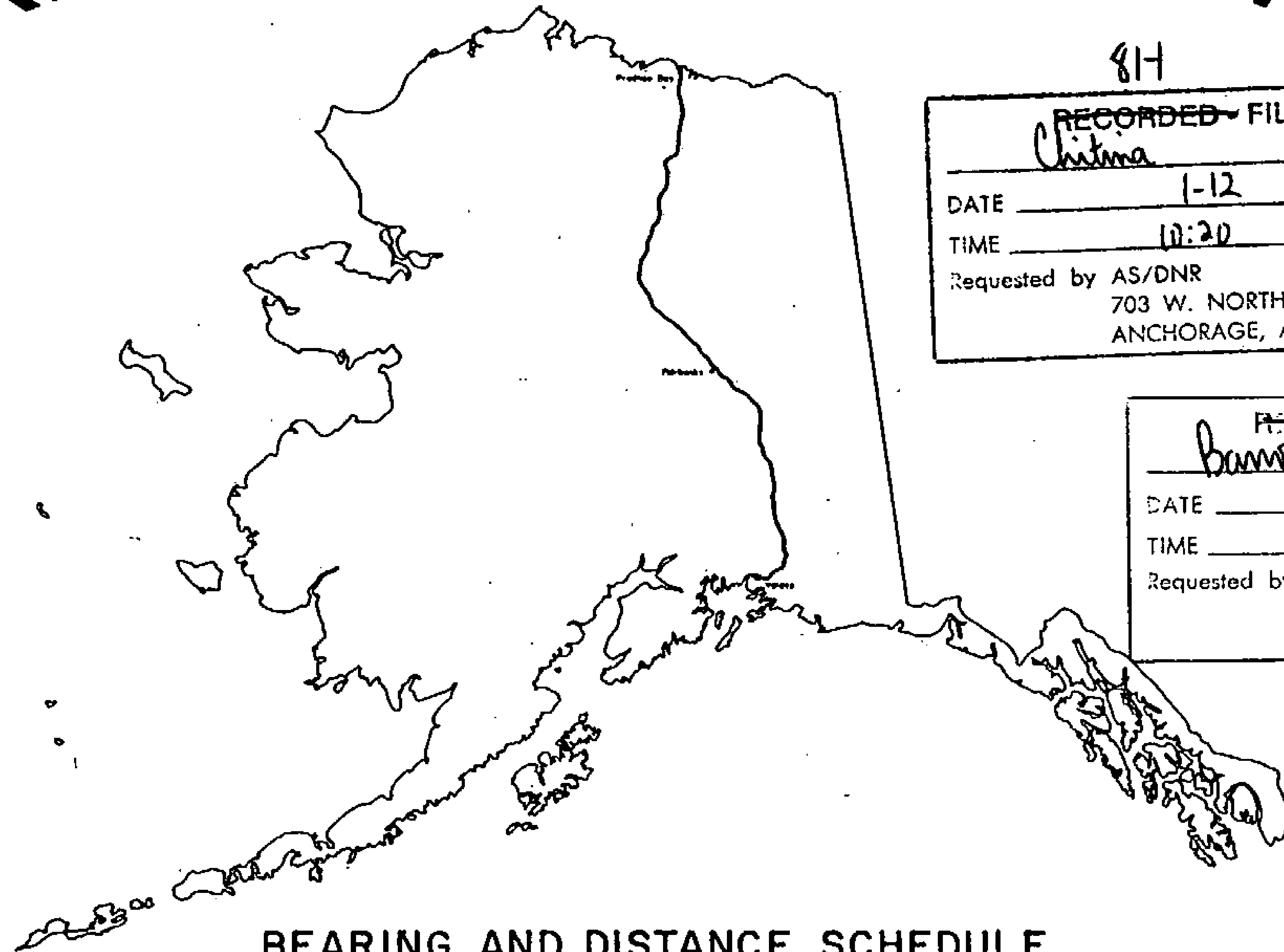
81-1
RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

TRANS-ALASKA

PIPELINE MONUMENTATION SURVEY



Prepared by
OCEAN TECHNOLOGY LTD.

Alyeska pipeline

SERVICE COMPANY

81-1
RECORDED - FILED
Valdys
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zemlenich
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
DATE 1-12 1981
TIME 10:20 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
DATE 1-7 1981
TIME 2:13 M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Alvin Stark
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Nelson
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

- agent for:
- AMERADA HESS PIPELINE CORPORATION
 - ARCO PIPELINE COMPANY
 - BP PIPELINES INC
 - ERRON PIPELINE COMPANY
 - MOBIL ALASKA PIPELINE COMPANY
 - PHILLIPS ALASKA PIPELINE COMPANY
 - SONIO PIPELINE COMPANY
 - UNION ALASKA PIPELINE COMPANY

ALIGNMENT SHEET 66

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
567 - 4	4301918.03 589520.55				
567 - 5	4301771.03 589776.43	119 52 37	295.10	S 59 34 45 E	295.13 921 2710
567 - 6	4301649.57 589909.69	132 20 52	180.31	S 47 6 26 E	180.32 920 2711
567 - 7	4301531.95 590114.79	119 49 58	236.43	S 59 37 16 E	236.45 919 2712
567 - 8	4301479.51 590285.16	107 6 32	178.26	S 72 20 38 E	178.27 918 2713
568	4301284.45 590624.37	119 54 2	391.29	S 59 33 2 E	391.33 917 2714
569 - 1	4300540.47 592277.39	114 13 52	1812.73	S 65 12 50 E	1812.89 233 2715
569 - 2	4300503.78 592454.23	101 43 18	180.61	S 77 43 5 E	180.62 916 2716
569 - 3	4300457.71 592556.40	114 16 17	112.08	S 65 10 2 E	112.09 915 2717
569 - 4	4300349.99 592700.93	126 41 50	180.26	S 52 44 27 E	180.27 914 2718
570	4300227.51 592974.68	114 6 16	299.90	S 65 19 56 E	299.93 913 2719
570 - 1	4300199.10 593027.41	118 18 55	59.90	S 61 7 15 E	59.90 912 2720
570 - 2	4300083.23 593165.44	130 0 44	180.22	S 49 25 23 E	180.23 911 2721
570 - 3	4300022.96 593274.57	118 54 39	124.67	S 60 31 26 E	124.68 910 2722
570 - 4	4299977.93 593451.36	104 17 21	182.43	S 75 8 41 E	182.45 909 2723
573	4299722.44 593945.06	117 21 42	555.89	S 62 4 11 E	555.94 908 2724
					259 2725

81-1
RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jainkumar REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. Hill REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 66

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM			TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4	X	AZIMUTH	DIST		
573	4299722.44		593945.06			259	2725
574	4299531.25		594392.54	113 8 5	486.61	S 66 17 39 E	486.66
575	4299134.46		594702.51	142 0 12	503.51	S 37 25 23 E	503.56
576	4298861.50		595040.25	128 56 41	434.25	S 50 28 48 E	434.29
577	4298653.02		595463.36	116 13 52	471.68	S 63 11 29 E	471.73
578	4298496.46		595592.66	140 26 52	203.05	S 38 58 22 E	203.07
578 - 1	4298222.01		595923.21	129 42 8	429.63	S 49 43 2 E	429.67
578 - 2	4298080.51		596033.09	142 10 10	179.15	S 37 14 55 E	179.17
578 - 3	4298001.00		596127.18	130 11 55	123.18	S 49 13 8 E	123.20
579 - 1	4297969.68		596181.05	120 10 26	62.31	S 59 14 35 E	62.32
579 - 2	4297911.42		596351.52	108 52 8	180.15	S 70 32 50 E	180.17
579 - 3	4297718.73		596667.46	121 22 44	370.07	S 58 2 9 E	370.10
579 - 4	4297660.25		596838.35	108 53 25	180.62	S 70 31 22 E	180.63
579 - 5	4297564.30		596995.81	121 21 26	184.39	S 58 3 18 E	184.41
579 - 6	4297439.76		597125.23	133 53 56	179.61	S 45 30 45 E	179.63
580	4296497.34		598671.19	121 21 59	1810.56	S 58 2 24 E	1810.73

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jan Jankovic REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burman REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 66

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
Y	ZONE 4 X	AZIMUTH DIST		
580	4296497.34 598671.19			
580 - 1	4295814.63 599678.55	124 7 35 1216.91 S 55 16 20 E 1217.02	222	2740
580 - 2	4295749.17 599844.35	111 32 42 178.25 S 67 51 0 E 178.27	898	2741
580 - 3	4295718.88 599889.50	123 51 20 54.37 S 55 32 20 E 54.37	897	2742
580 - 4	4295588.74 600011.67	136 48 34 178.50 S 42 35 5 E 178.52	896	2743
580 - 5	4295525.54 600104.85	124 8 50 112.59 S 55 14 47 E 112.60	895	2744
580 - 6	4295459.97 600271.19	111 30 51 178.80 S 67 52 43 E 178.81	894	2745
580 - 7	4295427.88 600318.15	124 20 48 56.88 S 55 2 44 E 56.88	893	2746
580 - 8	4295298.25 600440.15	136 44 12 178.01 S 42 39 18 E 178.03	892	2747
581	4294396.97 601770.46	124 7 3 1606.87 S 55 16 11 E 1607.01	891	2748
582	4293634.52 602929.05	123 20 54 1386.96 S 56 1 53 E 1387.08	221	2749
582 - 1	4293476.10 603397.96	108 40 3 494.95 S 70 42 26 E 494.99	220	2750
582 - 2	4293380.44 603556.46	121 6 45 185.13 S 58 15 38 E 185.15	890	2751
582 - 3	4293325.82 603717.23	108 45 54 169.80 S 70 36 25 E 169.81	889	2752
582 - 4	4293306.19 603896.16	96 15 38 180.00 S 83 6 38 E 180.02	888	2753
582 - 5	4293024.73 604723.21	108 47 40 873.63 S 70 34 24 E 873.71	887	2754
			886	2755

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Victoria REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zainab REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 66

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
582 - 5	4293024.73	604723.21			886	2755
582 - 6	4293005.10	604901.78	96 16 23	179.65	S 83 5 31 E	179.66 885 2756
582 - 7	4292947.38	605071.56	108 46 34	179.32	S 70 35 16 E	179.34 884 2757
582 - 8	4292854.27	605224.10	121 23 59	178.71	S 57 57 47 E	178.73 883 2758
583	4292392.80	606580.47	108 47 23	1432.72	S 70 34 7 E	1432.85 219 2759
583 - 1	4292082.47	606821.48	142 9 58	392.92	S 37 11 15 E	392.96 882 2760
583 - 2	4291968.90	606959.27	129 29 47	178.56	S 49 51 21 E	178.58 881 2761
583 - 3	4291919.68	606997.58	142 6 15	62.37	S 37 14 51 E	62.38 880 2762
583 - 4	4291757.63	607074.47	154 36 59	179.37	S 24 44 6 E	179.38 879 2763
583 - 5	4291660.53	607149.97	142 8 1	123.00	S 37 13 2 E	123.01 878 2764
583 - 6	4291545.80	607288.58	129 36 55	179.93	S 49 44 6 E	179.95 877 2765
583 - 7	4291498.26	607325.67	142 2 18	60.30	S 37 18 41 E	60.30 876 2766
583 - 8	4291337.27	607401.71	154 43 2	178.04	S 24 37 57 E	178.06 875 2767
584	4289989.00	608450.45	142 7 22	1708.12	S 37 13 24 E	1708.27 218 2768
585	4288716.30	610378.92	123 25 23	2310.58	S 55 54 51 E	2310.78 217 2769
585 - 1	4288144.21	611444.60	118 13 42	1209.53	S 61 5 60 E	1209.63 874 2770

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jan Jambor REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bonnie REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. Baker REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 66

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
585 - 1	4288144.21 611444.60	105 32 36 176.76	874	2770
585 - 2	4288096.84 611614.90	S 73 46 52 E 176.78	873	2771
585 - 3	4288071.80 611660.60	S 60 36 6 E 52.12	872	2772
585 - 4	4287957.67 611791.94	S 48 20 3 E 174.01	871	2773
585 - 5	4287778.75 612125.09	S 61 5 2 E 378.19	870	2774
585 - 6	4287731.77 612294.88	S 73 51 14 E 176.18	869	2775
585 - 7	4287706.21 612342.65	S 61 10 4 E 54.18	868	2776
585 - 8	4287589.98 612475.98	S 48 14 20 E 176.89	867	2777
586	4287250.39 613109.29	S 61 6 58 E 718.67	216	2778
586 - 1	4286534.35 614332.38	S 58 57 55 E 1417.39	866	2779
586 - 2	4286479.42 614503.63	S 71 31 23 E 179.86	865	2780
586 - 3	4286386.68 614662.09	S 58 58 5 E 183.62	864	2781
586 - 4	4286264.18 614794.16	S 46 27 29 E 180.14	863	2782

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambon REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Bilson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 67

25 NOV 78

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Ortma REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sanborn REC. DIST.
 DATE 1-7 1981
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Gibson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
586 - 4	4286264.18	614794.16			863	2782
586 - 5	4285837.38	615523.52	120 20 6	845.06	S 58 58 4 E	845.13
586 - 6	4285708.79	615923.20	107 50 5	419.86	S 71 27 53 E	419.89
586 - 7	4285224.14	616751.32	120 20 17	959.52	S 58 57 27 E	959.60
586 - 8	4284938.57	617059.19	132 50 53	419.92	S 46 26 39 E	419.96
587	4284908.28	617110.89	120 21 52	59.92	S 58 55 36 E	59.92
587 - 1	4284738.27	617557.16	110 51 16	477.56	S 68 26 7 E	477.60
587 - 2	4284510.37	617900.32	123 35 21	411.94	S 55 41 53 E	411.98
587 - 3	4284303.04	618444.92	110 50 30	582.73	S 68 26 34 E	582.78
587 - 4	4284242.11	618860.19	98 20 49	419.72	S 80 56 5 E	419.75
588	4284220.74	618916.18	110 53 30	59.93	S 68 23 19 E	59.93
588 - 1	4283825.06	619581.14	120 45 16	773.78	S 58 31 25 E	773.84
588 - 2	4283694.50	619978.76	108 10 39	418.51	S 71 5 50 E	418.54
588 - 3	4283115.02	620951.90	120 46 22	1132.61	S 58 29 53 E	1132.70
588 - 4	4282827.88	621257.01	133 15 44	418.98	S 46 0 18 E	419.01
588 - 5	4282490.44	621824.04	120 45 25	659.84	S 58 30 27 E	659.90

ALIGNMENT SHEET 67

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
588 - 5	4282490.44	621824.04				
588 - 6	4282359.64	622221.87	108 12 0	418.78	S 71 3 41 E	418.82
588 - 7	4282145.25	622581.70	120 47 11	418.85	S 58 28 22 E	418.89
588 - 8	4281857.79	622887.34	133 14 40	419.58	S 46 0 46 E	419.62
588 - 9	4281398.06	623660.18	120 44 48	899.24	S 58 30 26 E	899.31
588 -10	4281266.62	624058.35	108 16 8	419.30	S 70 58 54 E	419.34
588 -11	4281235.89	624109.98	120 45 40	60.08	S 58 29 17 E	60.09
589 - 1	4281199.90	624157.64	127 3 25	59.72	S 52 11 31 E	59.73
589 - 2	4280573.53	624816.63	133 32 47	909.18	S 45 42 2 E	909.26
589 - 3	4280225.42	625051.43	146 0 1	419.89	S 33 14 38 E	419.93
589 - 4	4279596.66	625713.47	133 31 23	913.04	S 45 43 6 E	913.11
590 - 1	4279560.82	625761.70	126 36 58	60.09	S 52 37 23 E	60.09
590 - 2	4279531.14	625813.73	119 42 6	59.90	S 59 32 14 E	59.91
590 - 3	4279407.43	626215.07	107 7 52	419.97	S 72 6 23 E	420.01
590 - 4	4278742.98	627379.26	119 42 55	1340.46	S 59 31 4 E	1340.57
590 - 5	4278461.24	627689.97	132 12 1	419.42	S 47 1 41 E	419.46

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambon REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Dubon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 67

25 NOV 78

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zumbro REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Billo REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
590 - 5	4278461.24 627689.97		833	2812
590 - 6	4277916.34 628645.66	119 41 25 1100.12 S 59 32 4 E 1100.21	832	2813
590 - 7	4277634.34 628956.86	132 10 55 419.96 S 47 2 21 E 420.00	831	2814
590 - 8	4277180.07 629754.20	119 40 18 917.67 S 59 32 45 E 917.74	830	2815
591 - 1	4277158.12 629804.07	113 45 20 54.49 S 65 27 34 E 54.49	829	2816
591 - 2	4277076.14 630215.92	101 15 28 419.93 S 77 57 21 E 419.96	828	2817
592	4276658.21 631165.54	113 45 16 1037.52 S 65 27 19 E 1037.60	827	2818
592 - 1	4276627.43 631216.96	120 54 8 59.93 S 58 18 15 E 59.93	826	2819
592 - 2	4276338.34 631521.68	133 29 32 420.03 S 45 42 48 E 420.07	825	2820
592 - 3	4275632.44 632695.29	121 1 34 1369.55 S 58 10 30 E 1369.66	824	2821
592 - 4	4275500.29 633092.27	108 24 42 418.40 S 70 47 5 E 418.43	823	2822
592 - 5	4274794.38 634263.70	121 4 24 1367.68 S 58 7 6 E 1367.79	822	2823
592 - 6	4274660.84 634660.83	108 35 9 418.98 S 70 36 5 E 419.01	821	2824
592 - 7	4273984.20 635784.43	121 3 24 1311.61 S 58 7 33 E 1311.71	820	2825
592 - 8	4273695.16 636088.05	133 35 28 419.20 S 45 35 14 E 419.24	819	2826
592 - 9	4273140.30 637010.14	121 2 13 1076.16 S 58 8 15 E 1076.24	818	2827

ALIGNMENT SHEET 67

25 NOV 78

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Janetamba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
592 - 9	4273140.30	637010.14				
592 -10	4273006.84	637407.54	108 33 48	419.21	S 70 36 26 E	419.24
592 -11	4272481.64	638280.34	121 2 14	1018.64	S 58 7 47 E	1018.72
592 -12	4272448.94	638327.23	124 53 25	57.17	S 54 16 25 E	57.17
593 - 1	4272405.00	638371.51	134 46 40	62.38	S 44 23 10 E	62.38
593 - 2	4272357.88	638407.04	142 59 0	59.01	S 36 10 49 E	59.02
593 - 3	4271804.98	638754.60	147 50 46	653.07	S 31 18 59 E	653.12
593 - 4	4271411.26	638894.98	160 22 35	418.00	S 18 47 5 E	418.03
593 - 5	4271059.51	639115.94	147 51 51	415.39	S 31 17 45 E	415.43
593 - 6	4270664.34	639257.27	160 19 15	419.68	S 18 50 17 E	419.71
593 - 7	4270258.55	639512.54	147 49 39	479.41	S 31 19 49 E	479.44

ALIGNMENT SHEET 68

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
593 - 7	4270258.55	639512.54			808	2837
593 - 8	4269959.78	639807.76	135 20 33	420.02	S 43 48 49 E	420.05 807 2838
593 - 9	4269401.47	640159.60	147 46 53	659.92	S 31 22 22 E	659.98 806 2839
594 - 1	4269346.99	640184.58	155 22 5	59.93	S 23 47 7 E	59.94 805 2840
594 - 2	4269289.13	640203.18	162 10 44	60.78	S 16 58 27 E	60.78 804 2841
594 - 3	4268865.68	640244.18	174 28 11	425.43	S 4 40 59 E	425.46 803 2842
594 - 4	4268180.30	640465.14	162 7 52	720.12	S 17 1 15 E	720.18 802 2843
594 - 5	4267818.03	640677.38	149 38 8	419.86	S 29 30 55 E	419.90 801 2844
594 - 6	4266968.52	640951.09	162 8 28	892.51	S 17 0 30 E	892.58 800 2845
594 - 7	4266918.95	640971.89	157 14 13	53.76	S 21 54 42 E	53.76 799 2846
595 - 1	4266873.26	641000.95	147 32 36	54.15	S 31 36 18 E	54.15 798 2847
595 - 2	4266833.53	641037.06	137 43 60	53.69	S 41 24 54 E	53.69 797 2848
595 - 3	4266331.67	641572.86	133 7 36	734.13	S 46 1 12 E	734.19 796 2849
595 - 4	4266183.10	641674.62	145 35 30	180.08	S 33 33 11 E	180.09 795 2850
595 - 5	4266067.40	641798.07	133 8 37	169.19	S 46 0 1 E	169.21 794 2851
595 - 6	4265975.65	641952.98	120 38 15	180.04	S 58 30 21 E	180.06 793 2852

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Kumpak REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
595 - 6	4265975.65	641952.98	133 4 50	59.91	S 46 3 43 E	793 2852
596	4265934.73	641996.74	134 13 60	235.74	S 44 54 31 E	792 2853
596 - 1	4265770.28	642165.65	146 41 44	180.14	S 32 26 44 E	791 2854
596 - 2	4265619.73	642264.56	134 15 13	118.55	S 44 53 13 E	790 2855
596 - 3	4265537.00	642349.47	121 51 38	179.63	S 57 16 46 E	789 2856
596 - 4	4265442.18	642502.04	133 57 37	372.05	S 45 10 42 E	788 2857
597	4265183.92	642769.85	148 25 53	404.78	S 30 42 21 E	214 2858
598	4264839.04	642981.76	136 40 35	716.16	S 42 27 31 E	213 2859
599	4264318.04	643473.13	125 13 28	521.69	S 53 54 29 E	212 2860
600	4264017.14	643899.30	137 0 5	905.89	S 42 7 41 E	211 2861
601	4263354.60	644517.10	150 5 4	394.11	S 29 2 33 E	210 2862
602	4263013.00	644713.65	136 33 3	709.69	S 42 34 27 E	209 2863
603	4262497.78	645201.71	126 0 6	514.81	S 53 7 14 E	208 2864
604	4262195.17	645618.19	142 37 50	500.20	S 36 29 22 E	207 2865
604A	4261797.64	645921.79	154 37 47	361.43	S 24 29 21 E	301 2866
604B	4261471.07	646076.65				300 2867

8-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8-1
RECORDED - FILED
China REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8-1
RECORDED - FILED
Zainab REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8-1
RECORDED - FILED
Burner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

8-1
RECORDED - FILED
St. John REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
604B	4261471.07 646076.65		300	2867
605	4259890.85 647090.68	147 18 42 1877.59 S 31 48 13 E 1877.73	206	2868
606	4257636.71 647389.73	172 26 34 2273.89 S 6 40 7 E 2274.06	205	2869
607	4257146.91 648609.34	111 52 50 1314.29 S 67 13 36 E 1314.39	204	2870
607 - 1	4256673.01 649863.80	110 41 42 1340.99 S 68 24 17 E 1341.09	787	2871
607 - 2	4256574.60 650013.46	123 19 38 179.12 S 55 46 6 E 179.13	786	2872
607 - 3	4256547.22 650085.42	110 49 50 76.99 S 68 15 52 E 77.00	785	2873
607 - 4	4256521.67 650262.74	98 11 58 179.15 S 80 53 41 E 179.16	784	2874
607 - 5	4256411.20 650554.26	110 45 13 311.75 S 68 20 20 E 311.77	783	2875
607 - 6	4256313.62 650702.77	123 18 28 177.70 S 55 47 1 E 177.71	782	2876
607 - 7	4256186.92 651036.60	110 47 0 357.06 S 68 18 24 E 357.09	781	2877
607 - 8	4256161.46 651213.75	98 10 44 178.97 S 80 54 35 E 178.98	780	2878
607 - 9	4255880.29 651955.80	110 45 7 793.53 S 68 20 1 E 793.59	779	2879
608 - 1	4255854.49 652005.05	117 38 56 55.60 S 61 26 4 E 55.60	778	2880
608 - 2	4255823.13 652050.70	124 29 14 55.38 S 54 35 45 E 55.39	777	2881
608 - 3	4255517.81 652332.12	137 19 57 415.23 S 41 44 58 E 415.26	776	2882

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Anderson REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Gilbert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 3:19 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X	AZIMUTH DIST		
608 - 3	4255517.81 652332.12	124 40 15 833.99	776	2882
608 - 4	4255043.39 653018.02	111 56 17 415.12	775	2883
608 - 5	4254888.30 653403.08	124 43 54 414.92	774	2884
608 - 6	4254651.91 653744.07	137 18 45 415.28	773	2885
608 - 7	4254346.65 654025.63	124 39 41 461.61	772	2886
608 - 8	4254084.12 654405.32	121 53 36 55.57	771	2887
609 - 1	4254054.76 654452.50	109 24 54 419.63	770	2888
609 - 2	4253915.27 654848.27	121 55 57 460.13	769	2889
609 - 3	4253671.90 655238.77	127 53 1 59.82	768	2890
610 - 1	4253635.17 655285.98	137 38 47 60.17	767	2891
610 - 2	4253590.70 655326.52	143 37 27 470.63	766	2892
610 - 3	4253211.78 655605.64	131 1 31 420.28	765	2893
610 - 4	4252935.91 655922.71	143 34 33 889.44	764	2894
610 - 5	4252220.23 656450.82	156 4 19 420.01	763	2895
610 - 6	4251836.32 656621.17	143 34 17 1374.37	762	2896
610 - 7	4250730.50 657437.30		761	2897

81-1
RECORDED - FILED
Vakley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jainkamba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnum REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnum REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-1 1981
 TIME 2:13 33 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
610 - 7	4250730.50	657437.30	156 4 37	420.11	761	2897
610 - 8	4250346.48	657607.66	143 34 13	1431.20	760	2898
610 - 9	4249194.95	658457.56			759	2899

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 19 81
TIME 10:10 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 19 81
TIME 10:20 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zainbaba REC. DIST.
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. D. D. D. REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 69

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X				
610 - 9	4249194.95	658457.56			759	2899
610 -10	4248918.91	658774.14	131 5 13	420.03	S 47 57 26 E	420.06 758 2900
610 -11	4248870.86	658809.65	143 31 58	59.75	S 35 30 37 E	59.75 757 2901
611 - 1	4248818.78	658839.50	150 10 53	60.03	S 28 51 41 E	60.03 756 2902
611 - 2	4247827.13	659261.91	156 55 39	1077.87	S 22 6 50 E	1077.94 755 2903
611 - 3	4247486.11	659506.07	144 23 54	419.41	S 34 38 29 E	419.44 754 2904
611 - 4	4246662.70	659857.14	156 54 31	895.13	S 22 7 46 E	895.19 753 2905
611 - 5	4246249.96	659934.21	169 25 23	419.88	S 9 36 49 E	419.91 752 2906
611 - 6	4246194.68	659957.66	157 0 45	60.05	S 22 1 27 E	60.05 751 2907
612 - 1	4246143.14	659988.79	148 52 11	60.21	S 30 9 60 E	60.22 750 2908
612 - 2	4245629.54	660407.47	140 48 48	662.63	S 38 13 18 E	662.67 749 2909
612 - 3	4245469.05	660488.21	153 17 38	179.66	S 25 44 22 E	179.67 748 2910
612 - 4	4245328.61	660603.20	140 41 22	181.51	S 38 20 36 E	181.52 747 2911
612 - 5	4245218.57	660742.61	128 17 8	177.61	S 50 44 48 E	177.62 746 2912
613	4242941.73	662599.49	140 48 4	2938.03	S 38 13 31 E	2938.23 203 2913
613 - 1	4241985.90	663411.20	139 39 41	1253.99	S 39 21 26 E	1254.07 745 2914

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 69

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
613 - 1	4241985.90	663411.20	127 8 50	180.01	745	2914
613 - 2	4241877.20	663554.68	139 37 14	137.83	744	2915
613 - 3	4241772.21	663643.97	152 25 3	179.88	743	2916
613 - 4	4241612.77	663727.26	139 30 47	414.02	742	2917
613 - 5	4241297.89	663996.07	144 54 58	61.50	741	2918
613 - 6	4241247.56	664031.42	154 50 20	61.18	740	2919
614 - 1	4241192.19	664057.43	164 11 42	61.20	739	2920
614 - 2	4241133.30	664074.10	169 44 14	789.05	738	2921
614 - 3	4240356.87	664214.68	162 56 59	60.30	737	2922
614 - 4	4240299.22	664232.36	151 44 45	59.59	736	2923
615 - 1	4240246.73	664260.57	139 20 54	60.06	735	2924
615 - 2	4240201.16	664299.70	133 3 6	604.01	734	2925
615 - 3	4239788.83	664741.07	145 34 55	419.05	733	2926
615 - 4	4239443.14	664977.93	133 3 18	377.52	732	2927
615 - 5	4239185.41	665253.78	120 29 44	417.89	731	2928
615 - 6	4238973.34	665613.86			730	2929

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zanbark REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 36 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 69

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
615 - 6	4238973.34	665613.86			730	2929
615 - 7	4238526.57	666091.91	133 3 47	654.32	S 45 56 20 E	729 2930
615 - 8	4238180.70	666329.03	145 33 58	419.34	S 33 26 1 E	728 2931
615 - 9	4237649.12	666898.08	133 3 1	778.72	S 45 56 50 E	727 2932
615 -10	4237435.31	667259.69	120 35 40	420.09	S 58 24 1 E	726 2933
616	4237393.94	667304.21	132 54 1	60.77	S 46 5 35 E	725 2934
616 - 1	4237117.89	667534.54	140 9 33	359.52	S 38 50 0 E	724 2935
616 - 2	4236861.48	667867.15	127 37 43	419.97	S 51 21 44 E	723 2936
616 - 3	4236815.71	667905.34	140 9 31	59.61	S 38 49 53 E	722 2937
617 - 1	4236394.20	668232.12	142 12 54	533.34	S 36 46 26 E	721 2938
617 - 2	4236015.35	668411.30	154 41 16	419.09	S 24 17 58 E	720 2939
617 - 3	4235356.15	668922.91	142 11 5	834.44	S 36 48 2 E	719 2940
617 - 4	4235088.01	669246.03	129 41 15	419.89	S 49 17 43 E	718 2941
617 - 5	4235040.60	669282.59	142 21 45	59.87	S 36 37 9 E	717 2942
618 - 1	4234327.06	669819.56	143 2 13	893.01	S 35 56 36 E	716 2943
618 - 2	4233945.28	669993.15	155 32 58	419.39	S 23 25 43 E	715 2944

81-1
RECORDED - FILED
Valdy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rainbow REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnes REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Nelson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 69

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
618 - 2	4233945.28 669993.15				
618 - 3	4232946.70 670744.25	143 3 2	1249.52	S 35 55 29 E	715 2944
618 - 4	4232673.59 671063.40	130 33 18	420.05	S 48 25 2 E	714 2945
618 - 5	4231529.93 671923.69	143 2 55	1431.10	S 35 55 13 E	713 2946
618 - 6	4231145.50 672095.64	155 54 6	421.13	S 23 3 51 E	712 2947
618 - 7	4230006.59 672955.94	142 56 1	1427.32	S 36 1 45 E	711 2948
618 - 8	4229625.92 673128.55	155 36 32	417.98	S 23 21 3 E	710 2949
618 - 9	4229578.02 673164.62	143 1 7	59.96	S 35 56 26 E	709 2950
					708 2951

81-1
RECORDED - FILED
Valdy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zanlanha REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rompant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Gilbert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 38 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
Y ZONE 4 X	AZIMUTH DIST	DIST		
618 - 9	4229578.02 673164.62	1375.49	708	2951
619 - 1	4228485.50 674000.31	1375.58	707	2952
619 - 2	4228216.87 674320.13	417.70	706	2953
619 - 3	4227132.47 675149.66	417.67	705	2954
619 - 4	4226758.56 675321.18	1365.30	704	2955
619 - 5	4226012.09 675892.02	411.37	703	2956
619 - 6	4225742.56 676212.78	939.72	702	2957
620	4225695.44 676248.97	418.97	701	2958
620 - 1	4225359.99 676495.91	59.41	700	2959
620 - 2	4224978.47 676663.97	416.54	699	2960
620 - 3	4224500.30 677016.11	416.89	698	2961
620 - 4	4224224.90 677331.69	416.85	697	2962
620 - 5	4223840.67 677614.84	477.29	696	2963
620 - 6	4223789.63 677645.70	477.32	695	2964
621 - 1	4223733.12 677666.52	59.64	694	2965
621 - 2	4223674.26 677675.74	60.22	693	2966
		60.23		
		59.58		

81-1
RECORDED - FILED
Valdov REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jankamba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Dubon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
621 - 2	4223674.26	677675.74			693	2966
621 - 3	4223135.66	677712.31	176 6 57	539.84	S 2 49 1 E	539.88 692 2967
621 - 4	4222720.57	677649.47	188 36 31	419.82	S 9 40 33 W	419.85 691 2968
621 - 5	4222061.97	677694.32	176 6 15	660.12	S 2 49 43 E	660.17 690 2969
621 - 6	4221660.73	677812.80	163 32 57	418.37	S 15 23 1 E	418.40 689 2970
621 - 7	4221041.64	677854.70	176 7 41	620.51	S 2 48 14 E	620.55 687 2971
622 - 1	4220977.08	677865.99	170 4 49	65.54	S 8 51 6 E	65.54 686 2972
622 - 2	4220916.61	677890.25	158 8 21	65.15	S 20 47 34 E	65.16 685 2973
622 - 3	4220594.17	678060.45	152 10 22	364.60	S 26 45 31 E	364.63 684 2974
622 - 4	4220551.69	678087.96	147 4 23	50.61	S 31 51 28 E	50.61 683 2975
623 - 1	4220511.13	678123.80	138 32 4	54.12	S 40 23 46 E	54.13 682 2976
623 - 2	4220478.82	678164.89	128 10 52	52.27	S 50 44 58 E	52.28 681 2977
623 - 3	4220384.91	678305.52	123 44 3	169.10	S 55 11 44 E	169.11 680 2978
623 - 4	4220255.70	678430.12	136 2 24	179.50	S 42 53 21 E	179.51 679 2979
623 - 5	4220219.92	678483.89	123 38 30	64.59	S 55 17 12 E	64.59 678 2980
623 - 6	4220155.66	678650.81	111 3 22	178.86	S 67 52 19 E	178.87 677 2981

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Funabomb REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bumbar REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampat REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. Wilson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
623 - 6	4220155.66	678650.81			677	2981
623 - 7	4219316.44	679911.63	123 38 54	1514.58	S 55 16 31 E	1514.68
623 - 8	4219253.34	680076.26	110 58 13	176.31	S 67 56 57 E	176.32
623 - 9	4219154.83	680224.35	123 37 57	177.86	S 55 17 10 E	177.87
623 -10	4219026.69	680346.53	136 21 51	177.05	S 42 33 13 E	177.06
623 -11	4218797.51	680690.69	123 39 36	413.48	S 55 15 23 E	413.51
623 -12	4218733.67	680856.53	111 3 15	177.70	S 67 51 38 E	177.71
623 -13	4218635.72	681004.01	123 35 25	177.04	S 55 19 25 E	177.05
623 -14	4218507.58	681125.98	136 24 48	176.91	S 42 29 60 E	176.92
623 -15	4218242.79	681523.02	123 41 59	477.24	S 55 12 43 E	477.27
623 -16	4218181.47	681685.99	110 37 11	174.12	S 68 17 25 E	174.14
623 -17	4218115.89	681784.63	123 37 6	118.45	S 55 17 27 E	118.46
624 - 1	4218074.78	681826.90	134 12 9	58.96	S 44 42 22 E	58.97
624 - 2	4218026.31	681860.97	144 53 45	59.25	S 34 0 46 E	59.25
624 - 3	4217861.04	681929.13	157 35 16	178.77	S 21 19 13 E	178.78
624 - 4	4217498.79	682182.92	144 59 7	442.31	S 33 55 20 E	442.33

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Janet REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. D. H. REC. DIST.
 DATE 1-7 1981
 TIME 2:13 4:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.

ALIGNMENT SHEET 70

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
624 - 4	4217498.79 682182.92			662	2996
624 - 5	4217377.84 682315.24	132 25 46	179.27	661	2997
624 - 6	4217237.30 682413.70	144 59 10	171.60	660	2998
624 - 7	4217071.34 682482.54	157 28 16	179.67	659	2999
624A- 1	4216577.57 682816.13	145 57 26	595.90	657	3000
624A- 2	4216169.06 682909.57	167 6 58	419.06	656	3001
624A- 3	4215699.02 683132.70	154 36 22	520.31	655	3002
624A- 4	4215368.28 683389.41	142 10 58	418.68	654	3003
624A- 5	4214435.85 683833.37	154 32 22	1032.73	653	3004
624A- 6	4214382.11 683865.05	149 28 46	62.38	652	3005
624A- 7	4214335.09 683906.31	138 43 59	62.56	651	3006
625 - 1	4214296.52 683955.35	128 11 7	62.39	650	3007
625 - 2	4214267.54 684010.76	117 36 37	62.53	649	3008
625 - 3	4214249.37 684070.15	107 0 46	62.11	648	3009
625 - 4	4214002.10 685267.29	101 40 13	1222.41	647	3010
625 - 5	4213985.98 685323.36	106 2 27	58.34	646	3011

81-1
RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitma REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Scinbanks REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. B. B. REC. DIST.
 DATE 1-7 1981
 TIME 2:13 4:2 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
625 - 5	4213985.98	685323.36				
626 - 1	4213961.39	685375.49	115 15 12	57.64	S 63 38 5 E	57.64
626 - 2	4213928.90	685423.86	123 53 16	58.27	S 55 0 0 E	58.27
626 - 3	4213615.04	685821.06	128 18 54	506.24	S 50 34 17 E	506.27
626 - 4	4213539.52	685979.22	115 31 26	175.27	S 63 21 39 E	175.28
626 - 5	4213509.48	686017.51	128 7 6	48.67	S 50 45 57 E	48.67
626 - 6	4213372.51	686129.16	140 48 53	176.71	S 38 4 8 E	176.72
626 - 7	4210181.17	690169.67	128 18 11	5148.82	S 50 34 7 E	5149.13
626 - 8	4210042.12	690282.75	140 52 52	179.23	S 37 58 42 E	179.24
626 - 9	4209925.26	690430.83	128 16 45	188.64	S 50 34 45 E	188.65
626 -10	4209848.13	690593.41	115 22 48	179.95	S 63 28 40 E	179.96
626 -11	4209431.80	691115.86	128 33 3	668.05	S 50 18 18 E	668.09
626 -12	4209401.18	691166.04	121 23 22	58.78	S 57 27 52 E	58.79
627 - 1	4209379.81	691219.17	111 54 43	57.27	S 66 56 30 E	57.27
627 - 2	4209367.43	691277.90	101 54 9	60.02	S 76 57 3 E	60.02
627 - 3	4209311.09	691805.93	96 5 25	531.03	S 82 45 41 E	531.06

81-1
RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zamboni REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Hilson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
627 - 3	4209311.09	691805.93				
627 - 4	4209299.79	691864.81	100 51 53	59.95	S 77 59 7 E	59.96 631 3026
628 - 1	4209279.13	691921.08	110 9 41	59.94	S 68 41 18 E	59.95 630 3027
628 - 2	4209248.62	691973.20	120 20 43	60.39	S 58 30 14 E	60.40 629 3028
628 - 3	4209210.14	692019.12	129 57 46	59.91	S 48 53 10 E	59.91 628 3029
						627 3030

81-1
RECORDED - FILED
Valdy REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitra REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jainendra REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bhavu REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Gibson REC. DIST.
DATE 1-7 1981/4
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 71

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
628 - 3	4209210.14 692019.12			
628 - 4	4208893.76 692340.86	134 31 7 451.23 S 44 19 45 E 451.26	627	3030
628 - 5	4208800.46 692491.41	121 47 16 177.12 S 57 3 31 E 177.13	626	3031
628 - 6	4208686.78 692607.07	134 30 19 162.17 S 44 20 25 E 162.18	625	3032
628 - 7	4208537.35 692703.34	147 12 30 177.76 S 31 38 12 E 177.77	624	3033
628 - 8	4205979.52 695305.21	134 30 39 3648.59 S 44 19 34 E 3648.80	623	3034
628 - 9	4205830.27 695401.64	147 8 1 177.69 S 31 41 44 E 177.70	622	3035
628 -10	4205795.55 695436.94	134 31 39 49.52 S 44 18 5 E 49.52	621	3036
628 -11	4205700.87 695588.93	121 55 13 179.07 S 56 54 29 E 179.08	620	3037
628 -12	4205489.22 695804.22	134 30 41 301.90 S 44 18 57 E 301.92	619	3038
628 -13	4205267.36 696159.60	121 58 34 418.95 S 56 50 58 E 418.97	618	3039
628 -14	4204885.86 696547.65	134 30 44 544.17 S 44 18 40 E 544.20	617	3040
628 -15	4204535.69 696774.38	147 4 40 417.17 S 31 44 38 E 417.19	616	3041
629	4204046.16 697272.57	134 29 52 698.45 S 44 19 18 E 698.49	615	3042
629 - 1	4204013.68 697320.37	124 11 36 57.79 S 54 37 28 E 57.79	614	3043
629 - 2	4203860.75 697708.65	111 29 52 417.31 S 67 19 8 E 417.33	613	3044
			612	3045

81-
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Jankin REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Barnes REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Hampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
St. John REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 71

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
629 - 2	4203860.75 697708.65			
629 - 3	4203512.73 698223.41	124 3 44 621.37	S 54 45 6 E 621.40	612 3045
629 - 4	4203477.64 698264.02	130 49 46 53.67	S 47 58 58 E 53.67	611 3046
630 - 1	4203436.61 698297.75	140 34 29 53.11	S 38 14 14 E 53.12	610 3047
630 - 2	4203154.88 698477.71	147 25 51 334.30	S 31 22 50 E 334.32	609 3048
630 - 3	4202766.49 698617.94	160 8 52 412.93	S 18 39 46 E 412.95	608 3049
630 - 4	4202717.19 698649.41	147 26 57 58.49	S 31 21 40 E 58.49	607 3050
631 - 1	4202671.50 698686.49	140 56 14 58.84	S 37 52 22 E 58.84	606 3051
631 - 2	4202553.53 698806.58	134 29 26 168.34	S 44 19 8 E 168.35	605 3052
631 - 3	4202460.91 698956.88	121 38 35 176.55	S 57 9 56 E 176.56	604 3053
631 - 4	4202389.07 699029.98	134 30 7 102.49	S 44 18 22 E 102.50	603 3054
631 - 5	4202240.45 699125.97	147 8 32 176.92	S 31 39 55 E 176.93	602 3055
632	4202035.18 699336.26	134 18 28 293.87	S 44 29 55 E 293.88	601 3056
633	4200060.11 701606.49	131 1 22 3009.13	S 47 46 35 E 3009.29	202 3057
634	4197835.24 704268.04	129 53 36 3468.99	S 48 53 30 E 3469.18	201 3058
634 - 1	4197587.27 704457.20	142 39 44 311.88	S 36 6 52 E 311.90	298 3059
				985 3060

81-1
RECORDED - FILED
Valdys REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Janet REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bampton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 71

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
634 - 1	4197587.27 704457.20	130 7 57 179.65	985	3060
634 - 2	4197471.48 704594.55	S 48 38 35 E 179.66	984	3061
634 - 3	4197340.93 704694.17	S 36 7 20 E 164.22	983	3062
634 - 4	4197177.41 704769.99	S 23 38 59 E 180.26	982	3063
634 - 5	4196611.01 705201.67	S 36 5 9 E 712.19	981	3064
634 - 6	4196228.55 705378.86	S 23 37 44 E 421.53	980	3065
634 - 7	4195467.60 705959.24	S 36 6 7 E 957.07	979	3066
634 - 8	4195196.60 706280.30	S 48 35 58 E 420.17	978	3067
635	4195148.95 706316.39	S 35 54 23 E 59.78	977	3068
635 - 1	4194754.91 706594.32	S 33 57 39 E 482.22	976	3069
635 - 2	4194472.02 706905.33	S 46 28 26 E 420.44	975	3070
635 - 3	4193783.49 707390.58	S 33 56 6 E 842.39	974	3071
635 - 4	4193395.95 707552.15	S 21 23 26 E 419.89	973	3072
636	4193347.04 707587.14	S 34 20 15 E 60.14	972	3073
636 - 1	4193100.81 707854.11	S 46 4 17 E 363.20	971	3074
636 - 2	4193009.90 708009.57	S 58 26 15 E 180.10	970	3075

81-1
RECORDED - FILED
Vadby REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chadwick REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zanlonho REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Wilson REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 71

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
636 - 2	4193009.90	708009.57			970	3075
636 - 3	4192882.13	708148.36	132 37 57	188.65	S 46 7 21 E	188.66
636 - 4	4192734.53	708250.98	145 11 26	179.77	S 33 33 49 E	179.78
636 - 5	4192658.14	708333.82	132 40 50	112.69	S 46 4 23 E	112.69
636 - 6	4192567.51	708489.29	120 14 22	179.96	S 58 30 49 E	179.97
636 - 7	4192452.44	708613.93	132 42 50	169.64	S 46 2 18 E	169.64
636 - 8	4192304.92	708717.01	145 3 21	179.97	S 33 41 45 E	179.97
637	4191865.68	709193.67	132 39 38	648.18	S 46 5 22 E	648.21
638	4189247.42	710801.15	148 27 8	3072.34	S 30 17 30 E	3072.49
638 - 1	4189036.10	710963.33	142 29 43	266.38	S 36 14 37 E	266.39
638 - 2	4188919.69	711100.62	130 17 42	180.00	S 48 26 35 E	180.01
638 - 3	4188783.04	711204.42	142 46 46	171.60	S 35 57 28 E	171.61
638 - 4	4188619.33	711279.81	155 16 25	180.24	S 23 27 47 E	180.24
638 - 5	4188293.85	711526.93	142 47 32	408.66	S 35 56 37 E	408.68
638 - 6	4188021.56	711847.87	130 18 43	420.89	S 48 25 21 E	420.91

81-1
RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jacobson REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnum REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Wilson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 481 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 72

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X				
638 - 6	4188021.56	711847.87			958	3089
638 - 7	4187640.75	712136.87	142 48 17	478.05	S 35 55 40 E	478.08 957 3090
638 - 8	4187259.64	712312.52	155 15 20	419.64	S 23 28 32 E	419.66 956 3091
638 - 9	4186449.51	712927.94	142 46 39	1017.37	S 35 57 4 E	1017.42 955 3092
638 -10	4186177.78	713248.54	130 17 1	420.26	S 48 26 33 E	420.28 954 3093
638 -11	4185094.37	714072.58	142 44 36	1361.18	S 35 58 46 E	1361.25 953 3094
638 -12	4184712.11	714247.97	155 21 11	420.58	S 23 22 0 E	420.60 952 3095
638 -13	4183961.79	714817.94	142 46 42	942.26	S 35 56 22 E	942.30 951 3096
638 -14	4183691.28	715137.99	130 12 18	419.06	S 48 30 37 E	419.08 950 3097
638 -15	4183405.41	715355.02	142 47 41	358.92	S 35 55 8 E	358.94 949 3098
638 -16	4183024.49	715530.35	155 17 3	419.33	S 23 25 42 E	419.35 948 3099
638 -17	4182643.57	715820.07	142 44 39	478.58	S 35 58 2 E	478.60 947 3100
638 -18	4182480.60	715895.31	155 13 5	179.50	S 23 29 32 E	179.51 946 3101
638 -19	4182432.84	715932.04	142 26 16	60.25	S 36 16 20 E	60.25 945 3102
639 - 1	4182390.45	715974.02	135 16 44	59.66	S 43 25 51 E	59.66 944 3103
639 - 2	4182352.62	716023.77	127 14 58	62.50	S 51 27 36 E	62.50 943 3104

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Anderson REC. DIST.
 DATE 1-7 1981
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Ram Park REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 72

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
639 - 2	4182352.62	716023.77				
639 - 3	4182277.93	716186.23	114 41 24	178.81	S 64 1 7 E	178.82
640	4182061.44	716466.82	127 39 8	354.40	S 51 3 19 E	354.42
642	4182266.07	717723.63	80 45 9	1273.36	N 82 2 59 E	1273.42
643	4181919.99	718289.50	121 26 58	663.31	S 57 14 53 E	663.34
644	4181791.06	718704.88	107 14 38	434.93	S 71 27 3 E	434.95
644A	4181473.28	719213.76	121 59 0	599.95	S 56 42 30 E	599.98
644B	4181262.44	719435.35	133 34 33	305.87	S 45 6 50 E	305.88
644C	4180948.92	719959.11	120 54 16	610.43	S 57 46 59 E	610.45
644D	4180665.89	720269.45	132 21 54	420.02	S 46 19 12 E	420.04
644E	4180409.71	720727.02	119 14 35	524.40	S 59 26 23 E	524.43
644F	4180266.72	721135.92	109 16 28	433.18	S 69 24 21 E	433.20
644G	4179902.25	721786.59	119 15 18	745.79	S 59 25 19 E	745.83
644H	4179644.21	722064.74	132 51 8	379.41	S 45 49 20 E	379.43
644I	4179341.96	722590.85	119 52 38	606.75	S 58 47 41 E	606.78
644J	4178935.80	722862.76	146 11 57	488.78	S 32 28 14 E	488.80

81-1
RECORDED - FILED
Valdy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Dan Lank REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Burton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET - 72

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
644J	4178935.80	722862.76				
644K	4178707.48	723037.01	142 38 59	287.22	S 36 1 7 E	287.23
644L	4178475.77	723347.92	126 41 45	387.76	S 51 58 17 E	387.77
644M	4178184.11	723626.67	136 17 48	403.44	S 42 22 8 E	403.46
645	4177899.84	723840.47	143 3 11	355.70	S 35 36 39 E	355.71
646	4177692.47	724007.70	141 6 59	266.40	S 37 32 48 E	266.41
646A	4177514.91	724302.16	121 5 25	343.85	S 57 34 17 E	343.87
646B	4177418.38	724545.91	111 36 16	262.17	S 67 3 20 E	262.18
646C	4177200.73	724876.26	123 22 44	395.60	S 55 16 46 E	395.62
647	4177125.40	724996.48	122 4 17	141.87	S 56 35 8 E	141.88
647A	4176400.55	725555.42	142 21 50	915.33	S 36 17 28 E	915.36
649	4175337.32	726178.55	149 37 36	1232.38	S 29 1 30 E	1232.43
649 - 1	4173528.19	727957.88	135 28 33	2537.51	S 43 10 8 E	2537.62
649 - 2	4173430.99	728107.91	122 56 18	178.77	S 55 42 2 E	178.77
649 - 3	4173313.58	728222.10	135 47 48	163.78	S 42 50 30 E	163.79
649 - 4	4173162.66	728316.54	147 57 48	178.03	S 30 40 28 E	178.04

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jambon REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Kampak REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 72

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
649 - 4	4173162.66 728316.54		938	3134
649 - 5	4172877.09 728599.14	135 17 58 401.76 S 43 20 14 E 401.78	937	3135
649 - 6	4172521.38 728821.81	147 57 15 419.66 S 30 40 52 E 419.67	936	3136
649 - 7	4171937.50 729396.34	135 27 45 819.15 S 43 10 14 E 819.18	935	3137
649 - 8	4171900.57 729441.61	129 12 28 58.42 S 49 25 24 E 58.43	934	3138
649 - 9	4171870.70 729491.50	120 54 32 58.15 S 57 43 19 E 58.15	933	3139
650 - 1	4171850.95 729546.47	109 45 46 58.41 S 68 52 4 E 58.41	932	3140
650 - 2	4171841.61 729603.57	99 17 23 57.86 S 79 20 26 E 57.86	931	3141
650 - 3	4171777.95 730401.51	94 33 41 800.48 S 84 3 58 E 800.51	930	3142
650 - 4	4171836.86 730817.05	81 55 52 419.70 N 83 18 26 E 419.71	929	3143
650 - 5	4171791.48 731398.60	94 27 43 583.32 S 84 9 32 E 583.34	928	3144
650 - 6	4171849.59 731812.49	82 0 28 417.95 N 83 23 23 E 417.97	927	3145
650 - 7	4171755.90 733002.87	94 30 1 1194.06 S 84 6 47 E 1194.11	926	3146
650 - 8	4171633.03 733404.22	107 1 17 419.74 S 71 35 14 E 419.75	925	3147
650 - 9	4171557.90 734357.49	94 30 23 956.23 S 84 5 53 E 956.26	924	3148
650 -10	4171582.94 734536.11	82 1 11 180.37 N 83 25 7 E 180.37	923	3149

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambon M REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. B. Hill REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 72

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
650 -10	4171582.94	734536.11			923	3149
650 -11	4171568.82	734715.01	94 30 47	179.46	S 84 5 13 E	179.46
650 -12	4171515.80	734886.88	107 8 39	179.86	S 71 27 17 E	179.87
651	4171484.51	735282.63	94 31 14	396.98	S 84 4 36 E	397.00

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fantam REC. DIST.
 DATE 1-7 1981
 TIME 1:59 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Bilko REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 73

25 NOV 78

81-7
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Z Anderson REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
St. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		AZIMUTH	DIST	TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X						
651	4171484.51	735282.63					269	3152
652	4169579.90	736695.03	143 26 26	2371.16	S 35 9 6 E	2371.25	268	3153
652 - 1	4168134.28	737191.68	161 2 22	1528.55	S 17 32 50 E	1528.61	920	3154
652 - 2	4167982.38	737285.35	148 20 23	178.46	S 30 14 43 E	178.47	919	3155
652 - 3	4167927.34	737304.11	161 10 41	58.15	S 17 24 24 E	58.15	918	3156
652 - 4	4167748.64	737323.11	173 55 51	179.71	S 4 39 13 E	179.71	917	3157
652 - 5	4167636.23	737362.12	160 51 42	118.99	S 17 43 22 E	118.99	916	3158
652 - 6	4167483.28	737455.36	148 37 58	179.13	S 29 57 5 E	179.14	915	3159
652 - 7	4167427.26	737474.44	161 11 29	59.18	S 17 23 33 E	59.18	914	3160
652 - 8	4167248.70	737494.81	173 29 31	179.72	S 5 5 30 E	179.73	913	3161
652A	4166579.33	737725.66	160 58 19	708.06	S 17 36 40 E	708.09	267	3162
652B	4166390.16	737754.88	171 13 9	191.41	S 7 21 48 E	191.42	266	3163
652C	4165946.82	737903.48	161 28 11	467.58	S 17 6 44 E	467.60	265	3164
652D	4165790.41	737994.80	149 43 18	181.12	S 28 51 35 E	181.12	264	3165
653	4165217.04	738189.39	161 15 14	605.49	S 17 19 36 E	605.51	263	3166
653 - 1	4163469.04	739073.96	153 9 30	1959.07	S 25 25 8 E	1959.14	912	3167

ALIGNMENT SHEET 73

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
653 - 1	4163469.04 739073.96	140 34 19 178.87	912	3167
653 - 2	4163330.88 739187.56	S 38 0 10 E 178.87	911	3168
653 - 3	4163183.73 739262.11	S 25 26 32 E 164.96	910	3169
653 - 4	4163010.39 739306.18	S 12 50 18 E 178.86	909	3170
653 - 5	4162801.77 739412.00	S 25 28 10 E 233.93	908	3171
653 - 6	4162663.08 739526.02	S 37 59 48 E 179.55	907	3172
653 - 7	4162503.68 739606.91	S 25 28 43 E 178.75	906	3173
653 - 8	4162329.97 739651.35	S 12 55 19 E 179.31	905	3174
653 - 9	4162009.76 739813.51	S 25 25 47 E 358.94	904	3175
653 -10	4161870.44 739927.89	S 37 57 22 E 180.26	903	3176
653 -11	4161711.07 740008.72	S 25 27 48 E 178.70	902	3177
653 -12	4161536.66 740053.54	S 12 58 54 E 180.08	901	3178
653 -13	4161217.23 740215.57	S 25 27 55 E 358.17	900	3179
653 -14	4161078.02 740329.74	S 37 55 28 E 180.04	899	3180
653 -15	4160917.96 740411.02	S 25 29 22 E 179.52	898	3181
653 -16	4160743.89 740455.58	S 12 55 34 E 179.68	897	3182

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jankins REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnes REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Wilson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 73

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
653 -16	4160743.89	740455.58				
653 -17	4160423.71	740618.24	153 4 5	359.13	S 25 29 55 E	359.14
653 -18	4160249.77	740663.52	165 24 31	179.74	S 13 9 27 E	179.74
653 -19	4160142.72	740717.11	153 24 26	119.72	S 25 9 32 E	119.72
653 -20	4160004.34	740831.44	140 26 10	179.50	S 38 7 46 E	179.51
653 -21	4159679.22	740995.63	153 12 21	364.23	S 25 21 32 E	364.24
653 -22	4159355.02	741262.10	140 34 56	419.66	S 37 58 53 E	419.67
653 -23	4158544.15	741672.82	153 8 13	908.96	S 25 25 28 E	908.99
653 -24	4158137.35	741776.66	165 40 49	419.84	S 12 52 47 E	419.86
653 -25	4158084.28	741803.24	153 23 46	59.35	S 25 9 49 E	59.36
654 - 1	4158034.00	741836.35	146 38 4	60.20	S 31 55 31 E	60.20
654 - 2	4157673.71	742143.81	139 31 25	473.65	S 39 2 6 E	473.66
654 - 3	4157516.74	742225.93	152 23 0	177.15	S 26 10 27 E	177.16
654 - 4	4157469.74	742265.35	140 0 46	61.34	S 38 32 40 E	61.34
654 - 5	4157363.35	742408.06	126 42 15	178.00	S 51 51 9 E	178.01
655	4156546.34	743103.76	139 35 6	1073.08	S 38 58 9 E	1073.12

81-1
RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 6:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Al Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 56 PM
 Requested by AS/DNR

ALIGNMENT SHEET 73

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
655	4156546.34 743103.76		262	3197
656	4155361.20 744100.23	139 56 34 1548.39 S 38 36 24 E 1548.44	261	3198
657	4154840.04 744547.36	139 22 19 686.68 S 39 10 24 E 686.70	260	3199
657 - 1	4152997.40 746128.49	139 22 4 2428.02 S 39 10 18 E 2428.10	882	3200
657 - 2	4152890.23 746273.26	126 30 42 180.12 S 52 1 22 E 180.13	881	3201
657 - 3	4152761.61 746384.40	139 10 11 169.99 S 39 21 51 E 169.99	880	3202
657 - 4	4152603.16 746470.04	151 36 35 180.11 S 26 55 25 E 180.12	879	3203
657 - 5	4152155.87 746857.36	139 6 35 591.68 S 39 25 19 E 591.70	878	3204
657 - 6	4151905.60 747194.56	126 34 58 419.93 S 51 56 49 E 419.94	877	3205
657 - 7	4151272.29 747743.73	139 4 12 838.25 S 39 27 26 E 838.28	876	3206
657 - 8	4150902.64 747943.15	151 39 14 420.01 S 26 52 16 E 420.02	875	3207
658	4150857.69 747981.91	139 13 44 59.35 S 39 17 44 E 59.35	874	3208
658 - 1	4150572.96 748242.10	137 34 43 385.71 S 40 56 42 E 385.72	873	3209
658 - 2	4150209.00 748451.15	150 7 40 419.72 S 28 23 40 E 419.74	872	3210
658 - 3	4149918.21 748716.51	137 37 5 393.67 S 40 54 10 E 393.68	871	3211
659 - 1	4149875.39 748758.45	135 35 42 59.94 S 42 55 29 E 59.94	870	3212

81-1
RECORDED - FILED
Veldy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Lambert REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR

ALIGNMENT SHEET 73

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
659 - 1	4149875.39	748758.45	123 5 58	419.16	870	3212
659 - 2	4149646.49	749109.59	135 35 42	950.78	869	3213
659 - 3	4148967.24	749774.88	123 3 42	419.56	868	3214
659 - 4	4148738.35	750126.51	135 37 10	1309.71	867	3215
659 - 5	4147802.29	751042.55	148 6 38	420.21	866	3216
659 - 6	4147445.50	751264.54			865	3217

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo REC. DIST.
DATE 1-7 1981
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Johnson REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 74

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
659 - 6	4147445.50 751264.54			
659 - 7	4146419.49 752268.88	135 36 42 1435.76	S 42 53 27 E 1435.80	865 3217
659 - 8	4146063.27 752490.46	148 7 1 419.51	S 30 22 55 E 419.52	864 3218
659 - 9	4146019.75 752531.96	136 21 39 60.13	S 42 8 15 E 60.14	863 3219
660 - 1	4145126.80 753421.45	135 6 41 1260.38	S 43 23 3 E 1260.41	862 3220
660 - 2	4144900.49 753774.93	122 37 44 419.72	S 55 51 47 E 419.73	861 3221
660 - 3	4143922.69 754747.52	135 9 11 1379.14	S 43 20 6 E 1379.17	860 3222
660 - 4	4143696.16 755101.48	122 37 8 420.24	S 55 51 56 E 420.25	859 3223
660 - 5	4142848.72 755945.06	135 7 51 1195.73	S 43 21 0 E 1195.76	858 3224
660 - 6	4142493.60 756169.93	147 39 25 420.33	S 30 49 15 E 420.34	857 3225
660 - 7	4141722.06 756936.59	135 10 55 1087.68	S 43 17 35 E 1087.71	856 3226
660 - 8	4141495.92 757290.68	122 33 51 420.14	S 55 54 27 E 420.15	855 3227
660 - 9	4140728.31 758054.39	135 8 46 1082.81	S 43 19 21 E 1082.84	854 3228
660 - 10	4140376.21 758276.54	147 45 4 416.32	S 30 42 53 E 416.33	853 3229
661	4140333.50 758319.14	135 4 23 60.32	S 43 23 30 E 60.32	852 3230
661 - 1	4139585.92 759233.58	129 16 1 1181.13	S 49 11 43 E 1181.16	851 3231
				850 3232

81-1
RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitria REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Janbar REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Johnson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.

ALIGNMENT SHEET 74

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X				
661 - 1	4139585.92	759233.58			850	3232
661 - 2	4139557.60	759284.41	119 7 29	58.19	S 59 20 5 E	849 3233
662 - 1	4139532.97	759337.80	114 45 56	58.80	S 63 41 36 E	848 3234
662 - 2	4139524.44	759395.40	98 25 23	58.23	S 80 2 9 E	847 3235
662 - 3	4139449.11	761160.57	92 26 37	1766.78	S 86 0 35 E	846 3236
662 - 4	4139438.47	761219.55	100 13 36	59.93	S 78 13 16 E	845 3237
663 - 1	4139420.25	761277.42	107 28 30	60.67	S 70 58 21 E	844 3238
663 - 2	4139389.24	761327.36	121 50 22	58.79	S 56 36 28 E	843 3239
663 - 3	4138745.05	762174.61	127 14 49	1064.34	S 51 11 52 E	842 3240
663 - 4	4138669.67	762338.07	114 45 24	180.00	S 63 41 7 E	841 3241
663 - 5	4138638.37	762378.98	127 25 12	51.51	S 51 1 16 E	840 3242
663 - 6	4138500.52	762495.71	139 44 32	180.63	S 38 41 54 E	839 3243
663 - 7	4137267.51	764116.38	127 15 50	2036.39	S 51 10 18 E	838 3244
663 - 8	4137192.51	764279.68	114 40 6	179.70	S 63 45 44 E	837 3245
663 - 9	4137156.89	764326.19	127 26 52	58.58	S 50 58 56 E	836 3246
663 - 10	4137019.90	764442.12	139 45 36	179.46	S 38 40 10 E	835 3247

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Danbanks REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Danner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Miller REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR

ALIGNMENT SHEET 74

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
663 -10	4137019.90	764442.12				
663 -11	4136838.86	764679.99	127 16 27	298.93	S 51 9 15 E	298.93
663 -12	4136663.55	765060.62	114 43 47	419.06	S 63 41 48 E	419.07
663 -13	4136194.06	765680.77	127 7 40	777.82	S 51 17 45 E	777.84
663 -14	4136153.36	765724.33	133 3 19	59.61	S 45 21 59 E	59.62
663 -15	4136103.86	765762.73	142 11 49	62.65	S 36 13 29 E	62.65
664 - 1	4136052.39	765789.90	152 10 18	58.20	S 26 14 59 E	58.20
664 - 2	4135996.24	765808.09	162 3 1	59.02	S 16 22 16 E	59.02
664 - 3	4135253.13	765987.40	166 26 2	764.44	S 11 59 12 E	764.45
664 - 4	4134833.63	765995.16	178 56 25	419.57	S 0 31 12 W	419.58
664 - 5	4134036.36	766186.54	166 30 7	819.92	S 11 55 5 E	819.93
664 - 6	4133980.35	766206.67	160 13 52	59.52	S 18 11 17 E	59.52
665 - 1	4133928.45	766239.28	147 51 29	61.29	S 30 33 39 E	61.30
665 - 2	4133886.50	766281.24	134 59 34	59.33	S 43 25 35 E	59.33
665 - 3	4133340.40	766958.22	128 53 32	869.79	S 49 31 29 E	869.80
665 - 4	4133200.16	767070.57	141 18 3	179.69	S 37 6 49 E	179.70

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Shimoda REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Ballman REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHFPN LTS.

ALIGNMENT SHEET 74

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
665 - 4	4133200.16	767070.57				
665 - 5	4133052.48	767253.43	128 55 29	235.05	S 49 29 20 E	235.05
665 - 6	4132972.30	767414.47	116 28 5	179.90	S 61 56 41 E	179.90
665 - 7	4132795.50	767633.36	128 55 41	281.37	S 49 29 1 E	281.38
665 - 8	4132715.53	767793.92	116 28 36	179.37	S 61 56 2 E	179.38
665 - 9	4132613.32	767920.45	128 55 53	162.66	S 49 28 42 E	162.66
665 - 10	4132472.63	768032.74	141 24 19	180.01	S 37 0 14 E	180.01
666	4132434.08	768079.22	129 40 21	60.39	S 48 44 10 E	60.39
666 - 1	4132323.06	768222.63	127 44 42	181.36	S 50 39 47 E	181.36
666 - 2	4132246.01	768385.33	115 20 26	180.02	S 63 3 60 E	180.02
666 - 3	4132131.97	768531.82	127 54 1	185.65	S 50 30 21 E	185.65
666 - 4	4131993.20	768646.70	140 22 50	180.15	S 38 1 30 E	180.15
667	4130080.07	771097.27	127 58 43	3108.92	S 50 25 10 E	3108.97
667 - 1	4129770.48	771534.74	125 17 11	535.93	S 53 6 12 E	535.94
667 - 2	4129638.68	771657.35	137 4 7	180.01	S 41 19 10 E	180.01
667 - 3	4129575.78	771747.18	125 0 1	109.66	S 53 23 14 E	109.66

81-1
RECORDED - FILED
Valdov REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zainab REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Al Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 74

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
667 - 3	4129575.78	771747.18				
			112 26 37	179.21	S 65 56 35 E	179.22
667 - 4	4129507.36	771912.82				
			125 1 18	295.44	S 53 21 50 E	295.45
667 - 5	4129337.81	772154.77				
			112 28 58	418.95	S 65 54 4 E	418.96
667 - 6	4129177.60	772541.88				
			125 8 11	478.33	S 53 14 42 E	478.34
667 - 7	4128902.31	772933.05				
			137 25 26	419.32	S 40 57 21 E	419.33
667 - 8	4128593.53	773216.75				
			125 7 11	477.45	S 53 15 28 E	477.46
667 - 9	4128318.86	773607.28				
			112 31 3	419.44	S 65 51 28 E	419.44
667 -10	4128158.23	773994.74				
			125 1 21	604.34	S 53 21 1 E	604.35
667 -11	4127811.40	774489.65				
			134 53 8	60.37	S 43 29 8 E	60.37
668 - 1	4127768.80	774532.42				
			147 17 44	418.84	S 31 4 29 E	418.84
668 - 2	4127416.36	774758.72				

81-1
RECORDED - FILED
Vady
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jan Jamba
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:34 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 75

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X				
668 - 2	4127416.36	774758.72			795	3287
668 - 3	4126820.85	775358.81	134 46 50	845.42	S 43 35 15 E	794 3288
669 - 1	4126775.00	775395.47	141 21 18	58.70	S 37 0 40 E	793 3289
669 - 2	4126722.14	775424.40	151 18 32	60.26	S 27 3 26 E	792 3290
669 - 3	4126097.63	775663.04	159 5 13	668.55	S 19 16 42 E	791 3291
669 - 4	4125685.49	775724.03	171 34 56	416.63	S 6 46 56 E	790 3292
669 - 5	4124676.74	776110.94	159 0 56	1080.41	S 19 20 53 E	789 3293
669 - 6	4124328.76	776341.70	146 26 60	417.54	S 31 54 43 E	788 3294
669 - 7	4123451.72	776678.19	159 0 36	939.38	S 19 21 1 E	787 3295
669 - 8	4123304.08	776776.58	146 19 12	177.42	S 32 2 20 E	786 3296
669 - 9	4123147.88	776836.57	158 59 24	167.32	S 19 22 6 E	785 3297
669 - 10	4122971.77	776862.23	171 42 36	177.97	S 6 38 54 E	784 3298
670	4119917.51	778035.14	158 59 31	3271.73	S 19 21 47 E	258 3299
671	4119792.77	782018.13	91 47 38	3984.94	S 86 32 47 E	257 3300
671 - 1	4116253.20	783567.69	156 21 25	3863.90	S 21 58 2 E	783 3301
671 - 2	4116076.82	783602.28	168 54 17	179.74	S 9 24 55 E	782 3302

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 11-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sainton REC. DIST.
 DATE 1-1 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-1 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampat REC. DIST.
 DATE 1-1 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Bannon REC. DIST.
 DATE 1-1 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 75

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4 X	AZIMUTH	DIST		
671 - 2	4116076.82	783602.28			782	3302
671 - 3	4115918.79	783671.45	156 21 39	172.50	S 21 57 31 E	172.51
671 - 4	4115774.23	783777.79	143 39 41	179.46	S 34 39 27 E	179.46
671 - 5	4115132.09	784059.56	156 18 29	701.24	S 22 0 36 E	701.25
671 - 6	4114794.91	784306.78	143 45 5	418.10	S 34 33 55 E	418.11
671 - 7	4114741.07	784330.28	156 25 11	58.75	S 21 53 46 E	58.75
672 - 1	4113758.38	784676.02	160 36 60	1041.74	S 17 41 54 E	1041.74
672 - 2	4113703.05	784690.65	165 11 20	57.23	S 13 7 30 E	57.23
673 - 1	4113646.44	784696.72	173 52 48	56.93	S 4 26 2 E	56.93
673 - 2	4113589.50	784694.79	181 56 29	56.97	S 3 37 40 W	56.97
673 - 3	4112810.86	784602.15	186 47 6	784.13	S 8 28 15 W	784.14
673 - 4	4112414.97	784463.68	199 16 42	419.41	S 20 57 48 W	419.41
673 - 5	4111785.24	784389.38	186 43 45	634.10	S 8 24 48 W	634.10
673 - 6	4111389.01	784250.86	199 16 10	419.74	S 20 57 11 W	419.75
673 - 7	4110555.65	784152.46	186 44 3	839.15	S 8 25 0 W	839.16
673 - 8	4110138.17	784194.48	174 15 9	419.59	S 4 3 55 E	419.59

81-1
RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Janet REC. DIST.
 DATE 1-7 1981
 TIME 1:59 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Al Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 75

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
673 - 8	4110138.17 784194.48		767	3317
673 - 9	4109423.91 784110.06	186 44 26 719.23 S 8 25 22 W 719.24	766	3318
673 -10	4109254.02 784051.12	199 8 0 179.82 S 20 48 54 W 179.82	765	3319
673 -11	4109075.55 784029.97	186 45 30 179.72 S 8 26 23 W 179.72	764	3320
673 -12	4108897.17 784047.91	174 15 25 179.28 S 4 3 42 E 179.28	763	3321
674	4108274.14 783973.90	186 46 28 627.41 S 8 27 20 W 627.42	256	3322
675	4106335.61 785116.76	149 28 43 2250.34 S 28 50 15 E 2250.36	255	3323
676	4103458.01 785302.97	176 17 51 2883.62 S 2 0 54 E 2883.64	254	3324
676 - 1	4101086.18 785952.27	164 41 24 2459.10 S 13 37 14 E 2459.12	762	3325

81-1
RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 1991
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chidma
 REC. DIST. _____
 DATE 1-12 1991
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

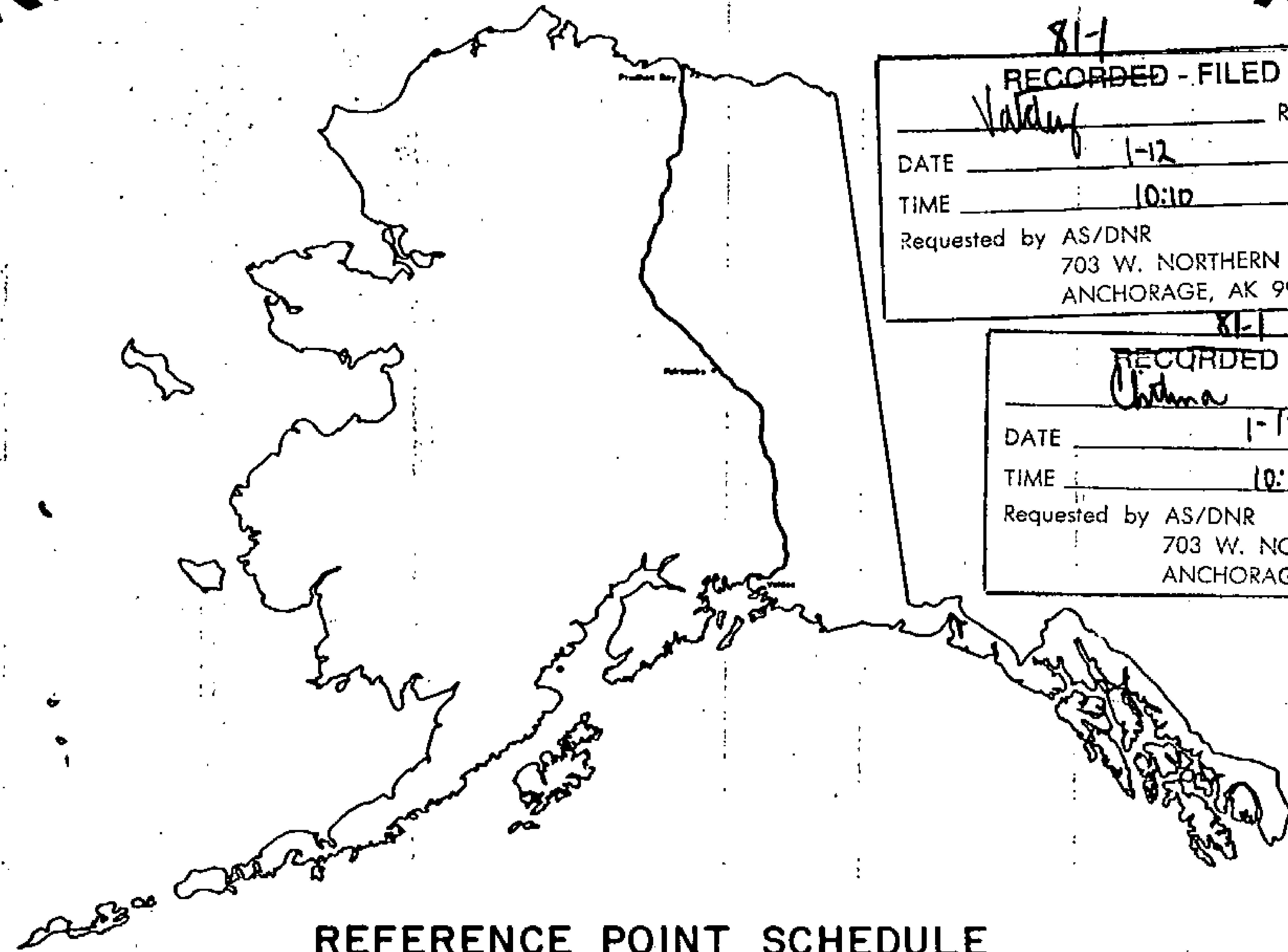
81-1
RECORDED - FILED
Janlenka
 REC. DIST. _____
 DATE 1-7 1991
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burrow
 REC. DIST. _____
 DATE 1-7 1991
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1991
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Al Johnson
 REC. DIST. _____
 DATE 1-7 1991
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



REFERENCE POINT SCHEDULE

prepared by
OCEAN TECHNOLOGY LTD.

Alyeska pipeline

SERVICE COMPANY

81-1
RECORDED - FILED
Hamm REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valdun REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chama REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

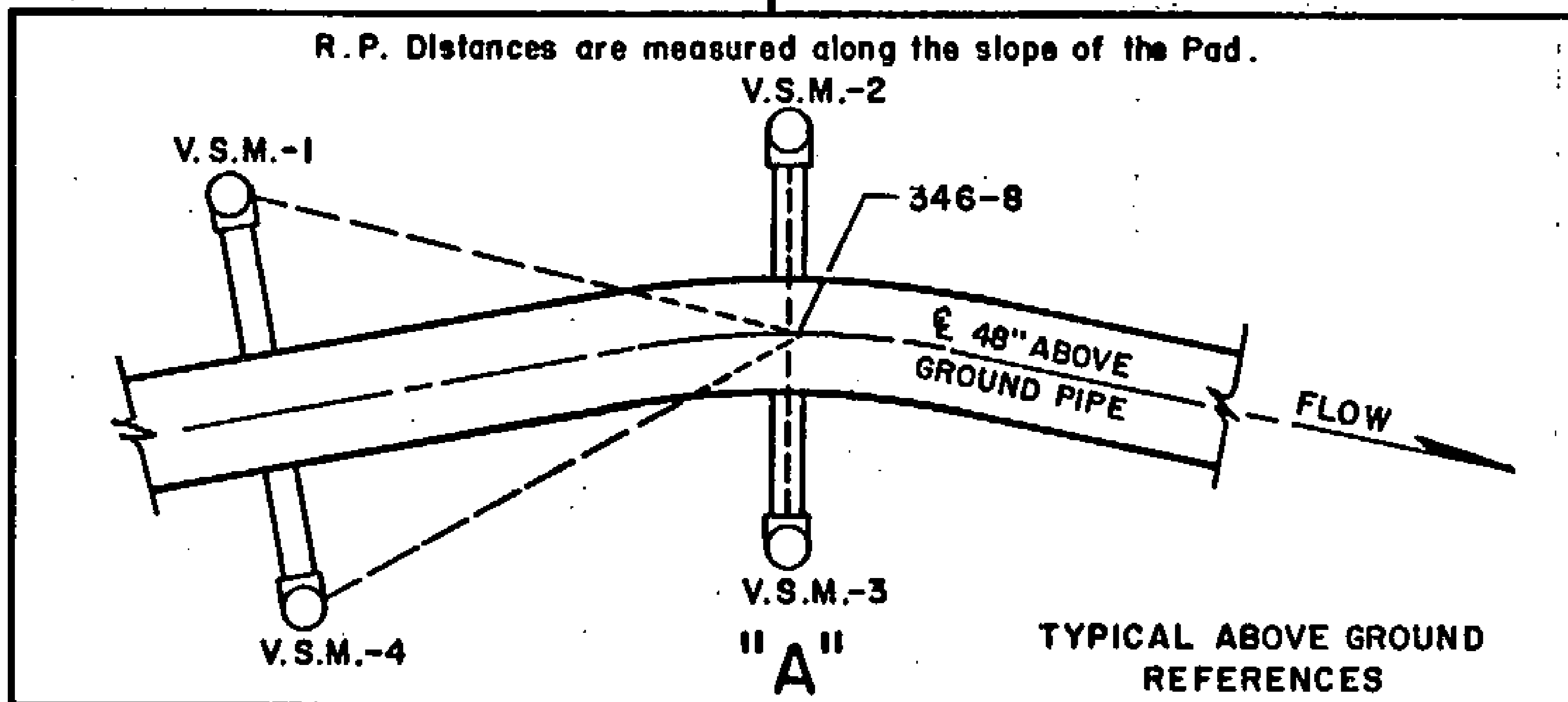
81-1
RECORDED - FILED
Zambor REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hamm REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

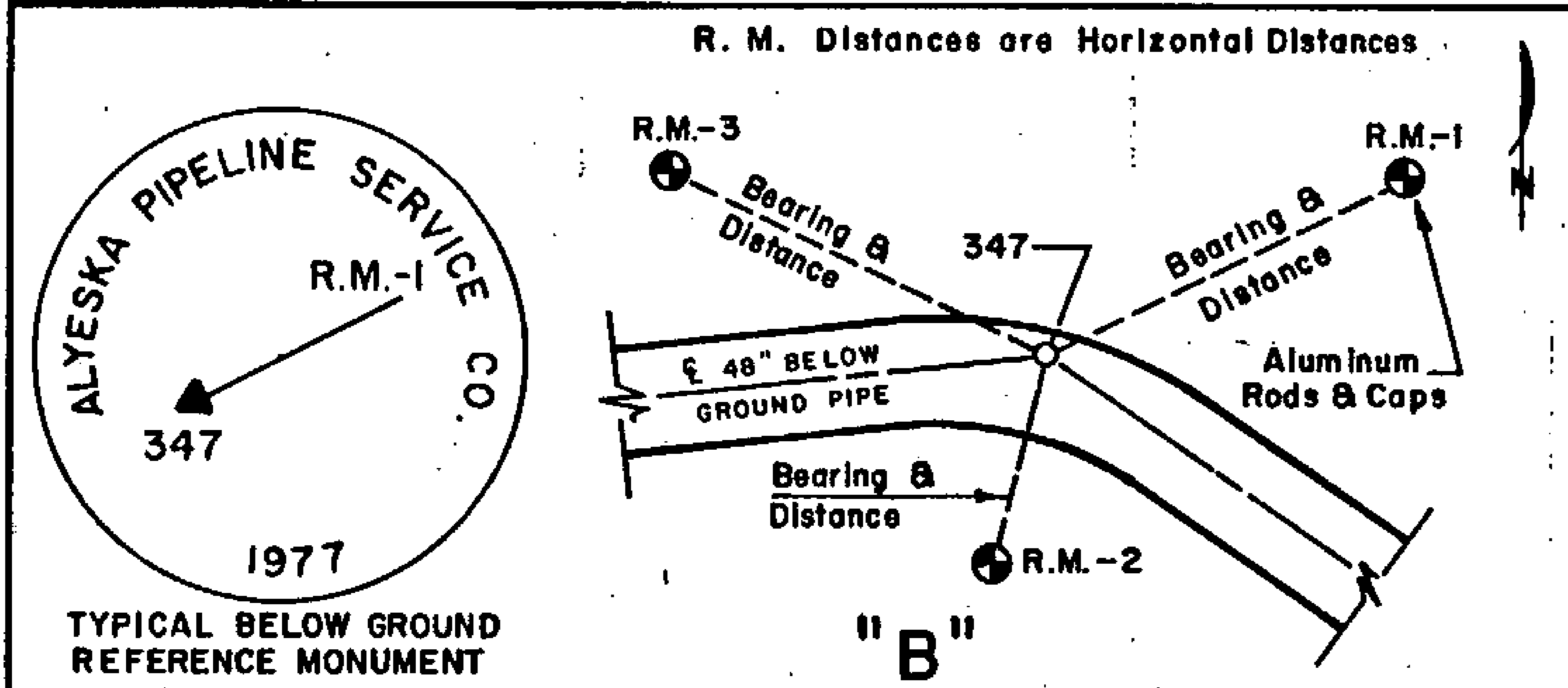
agent for:
AMERADA HESS PIPELINE CORPORATION
ARCO PIPELINE COMPANY
BP PIPELINES INC.
EXXON PIPELINE COMPANY
MOBIL ALASKA PIPELINE COMPANY
PHILLIPS ALASKA PIPELINE COMPANY
SOMID PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

81-1
Hamm REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

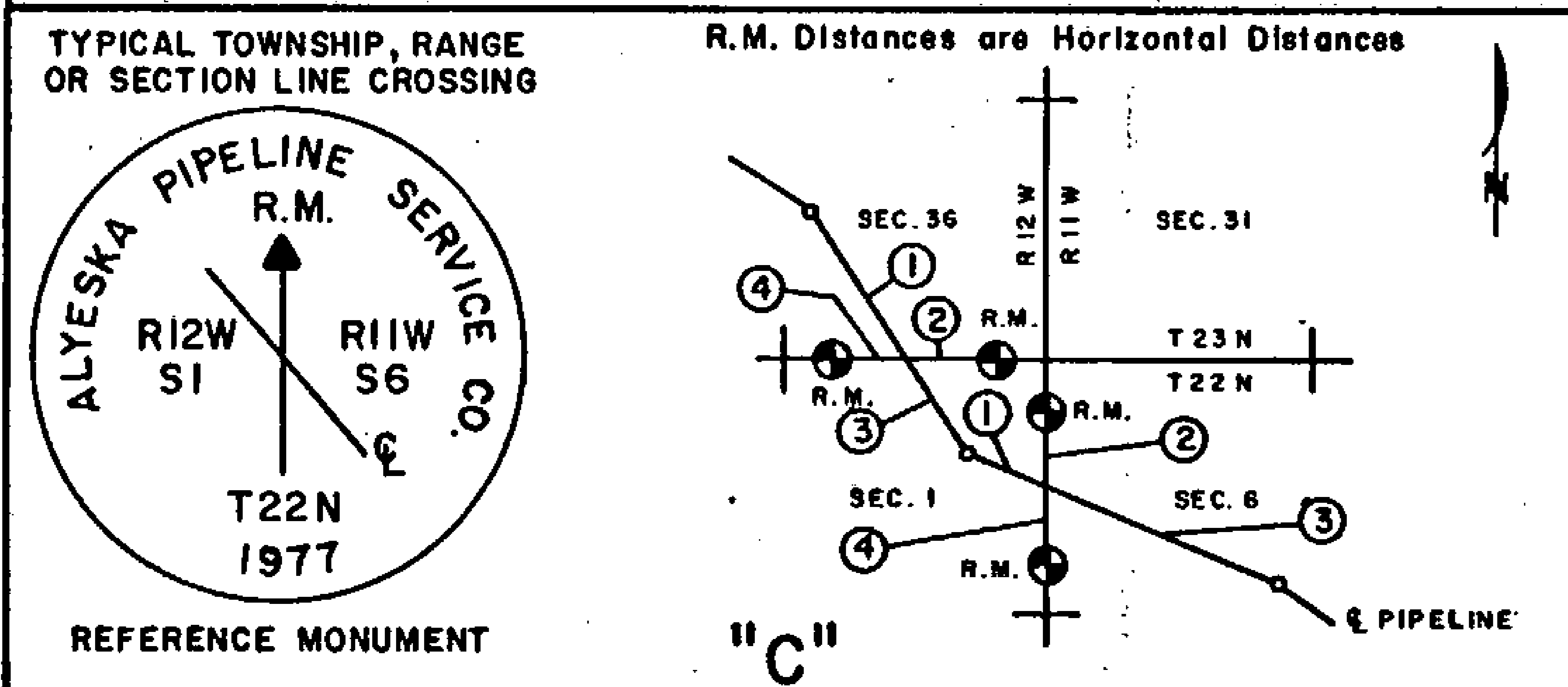
TYPICAL DETAILS



TYPICAL REFERENCE SYSTEM FOR ABOVE GROUND ANGLE POINTS. VERTICAL SUPPORT MEMBERS (VSM'S) ARE STEEL PILING 18 INCHES IN DIAMETER. THE DISTANCE IS A SLOPE MEASUREMENT FROM A POINT APPROXIMATELY ONE FOOT ABOVE THE GROUND ON THE VSM MARKED WITH AN "X" TO A POINT APPROXIMATELY ONE FOOT ABOVE THE POINT OF INTERSECTION. THE VSM USED FOR REFERENCE POINT NO. 1 HAS THE ANGLE POINT DESIGNATION, IN LETTERS 3/4" HIGH STAMPED WITH METAL DIES AT APPROXIMATE EYE LEVEL. THIS DESIGNATION FACES THE ANGLE POINT.



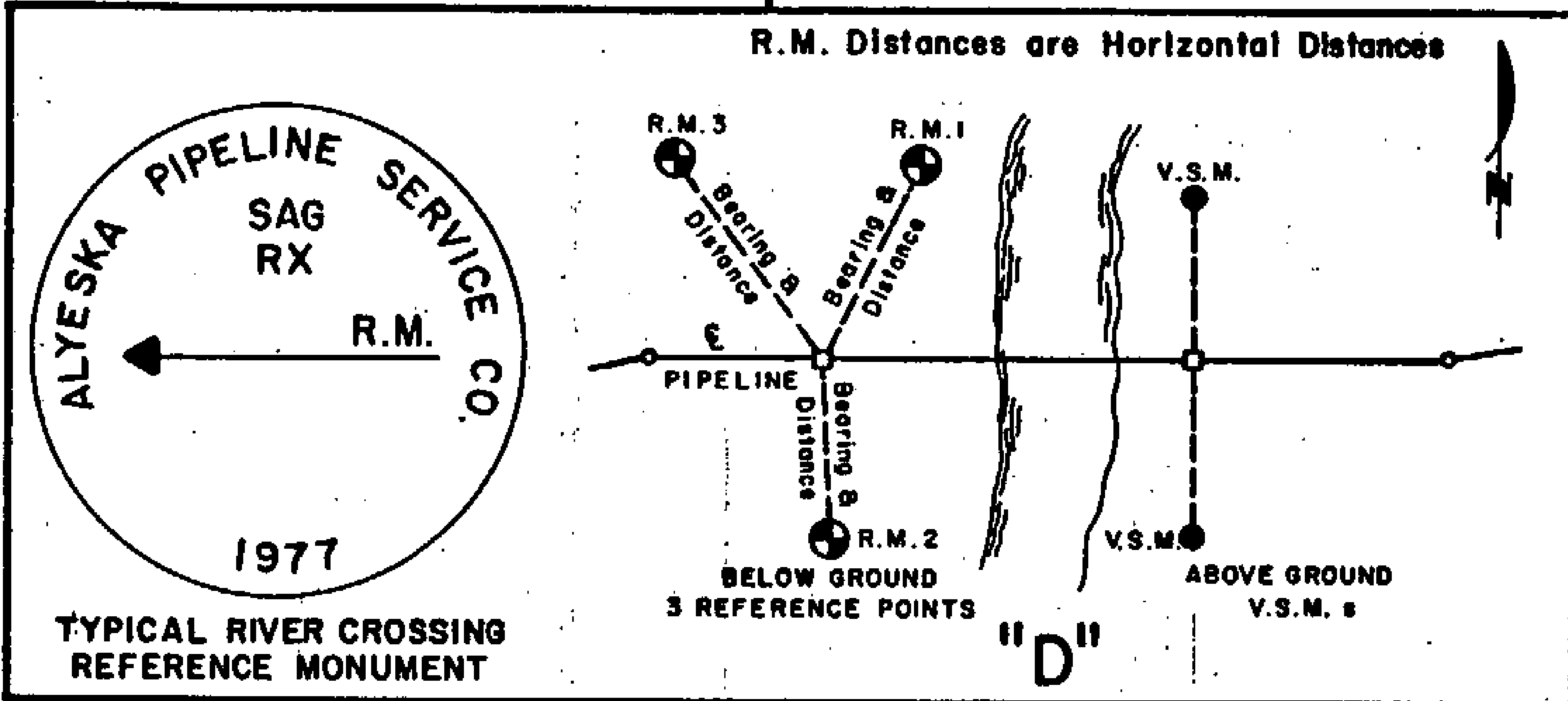
A TYPICAL REFERENCE SYSTEM FOR BELOW GROUND PIPELINE. THE THREE REFERENCE MONUMENTS SET ARE 3-1/2 INCH DIAMETER ALUMINUM CAPS ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. HORIZONTAL DISTANCES AND TRUE MEAN BEARINGS WERE TAKEN FOR EACH REFERENCE MONUMENT.



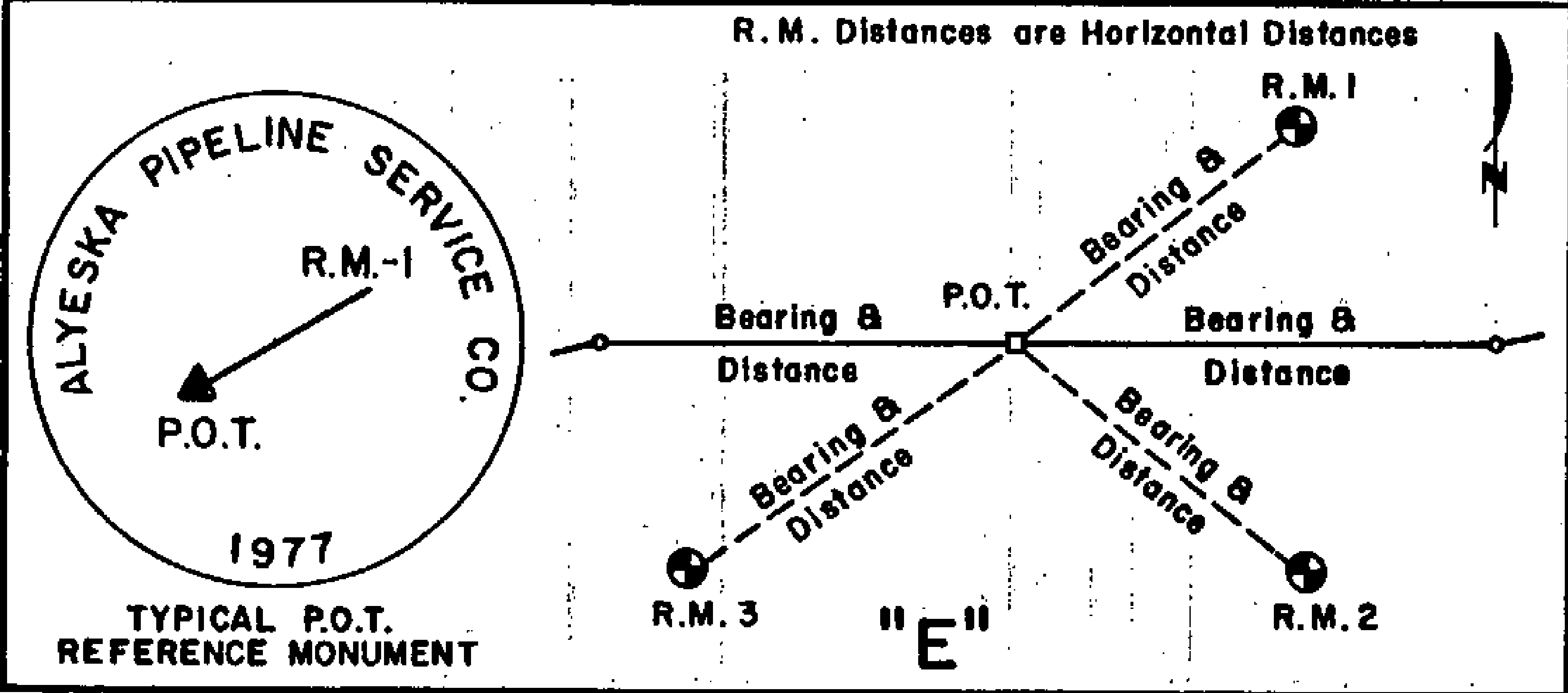
TYPICAL REFERENCE SYSTEM FOR INTERSECTIONS OF THE PIPELINE CENTERLINE SURVEY WITH SURVEYED TOWNSHIP LINES, SECTION LINES AND MISCELLANEOUS SURVEYED LINES. MONUMENTS SET WERE 3-1/2 INCH ALUMINUM CAPS, SET ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. A FIELD INTERSECTION WAS MADE AND MONUMENTS WERE SET AS REFERENCE POINTS TO THIS INTERSECTION.

81-1 RECORDED - FILED <i>Valley</i> DATE 1-12 19 81 TIME 10:10 A.M. Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503
81-1 RECORDED - FILED <i>Chidina</i> DATE 1-12 19 81 TIME 10:20 P.M. Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503
81-1 RECORDED - FILED <i>Zainab</i> DATE 1-7 19 81 TIME 1:39 P.M. Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503
81-1 RECORDED - FILED <i>Burns</i> DATE 1-7 19 81 TIME 2:13 P.M. Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503
81-1 RECORDED - FILED <i>Hampton</i> DATE 1-7 19 81 TIME 2:13 P.M. Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503
81-1 RECORDED - FILED <i>Dillon</i> DATE 1-7 19 81 TIME 2:13 P.M. Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

TYPICAL DETAILS



TYPICAL REFERENCE SYSTEM FOR ABOVE AND BELOW GROUND RIVER CROSSING REFERENCE POINTS. REFERENCE POINTS WERE ESTABLISHED AND REFERENCE MONUMENTS SET ON BOTH BANKS OF NAMED RIVERS. DISTANCES WERE MEASURED FROM THE NEAREST ANGLE POINT TO THE REFERENCE POINT AND TO THE HIGH WATER MARK ON THE BANK OF THE STREAM. REFERENCE MONUMENTS WERE TAKEN FOR THE BELOW GROUND SECTIONS USING THE SAME CRITERIA AS WAS USED FOR THE CENTERLINE SURVEY. REFERENCE MONUMENTS FOR THE ABOVE GROUND SECTIONS ARE THE TWO 18 INCH VSM 8 CLOSEST TO THE HIGH WATER MARK.



TYPICAL REFERENCE SYSTEM FOR LINE MONUMENTS (P.O.T. 8) ESTABLISHED ON THE BELOW GROUND CENTERLINE SURVEY. P.O.T. 8 WERE ESTABLISHED SO AS TO MAINTAIN LINE-OF-SIGHT BETWEEN THE BELOW GROUND PORTION OF THE CENTERLINE SURVEY OR AT INTERVALS OF NOT MORE THAN APPROXIMATELY ONE-HALF MILE APART. P.O.T. 8 ARE SET ONLY ON THE BELOW GROUND PORTION AND ARE REFERENCED AS NORMAL CENTERLINE POINTS.

81-1
RECORDED - FILED
Veldy
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Finkbeiner
REC. DIST. _____
DATE 1-7 1981
TIME 1:39 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Arampart
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Biller
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 66
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
567 - 5	59.92				4.40				4.64				60.11
567 - 6	59.64				7.67				11.98				60.04
567 - 7	59.04				7.59				12.07				60.27
567 - 8	54.39				5.33				4.78				55.05
568		N 18 32 E		69.28		S 17 3 E		64.41		S 37 30 W		49.52	
569 - 1	52.39				5.76				2.97				52.14
569 - 2	60.13				11.84				7.72				59.64
569 - 3	60.84				11.84				7.80				59.56
569 - 4	59.75				7.06				3.28				59.42
570 - 0	59.37				5.71				4.76				59.52
570 - 1	59.79				4.41				4.50				59.03
570 - 2	60.01				7.52				11.98				60.35
570 - 3	66.25				7.74				11.97				66.98
570 - 4	59.50				4.52				4.24				59.72
573		N 22 12 E		75.10		S 11 25 E		69.32		S 65 59 W		66.91	
574		N 43 12 E		81.21		S 7 28 W		90.97		S 67 46 W		92.51	
575		N 50 51 E		102.57		S 2 21 W		55.52		N 86 50 W		55.42	
576		N 33 28 E		101.34		S 4 41 E		64.66		S 73 18 W		65.30	
577		N 35 18 E		77.22		S 1 28 W		84.47		S 63 21 W		76.22	
578		N 36 31 E		114.28		S 2 59 W		61.80		N 82 8 W		68.20	
578 - 1	61.66				3.22				6.03				61.42
578 - 2	59.56				6.35				8.69				59.75
578 - 3	61.32				6.36				10.30				61.37
579 - 1	61.30				6.85				9.91				64.10
579 - 2	59.62				2.88				5.80				59.47
579 - 3	60.82				5.75				3.07				60.78
579 - 4	60.21				11.86				7.70				59.78
579 - 5	62.18				12.09				7.66				61.44
579 - 6	59.59				4.90				5.61				59.20
580		S 2 57 E		74.10		S 40 22 W		59.39		S 76 40 W		75.45	

8H
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zimberley REC. DIST.
 DATE 1-7 1981
 TIME 1:59 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Panner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Hummer REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dillan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 66
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
580 - 1	54.81				7.17				3.49				54.56
580 - 2	59.80				9.92				6.72				59.31
580 - 3	57.39				11.66				7.66				52.97
580 - 4	60.18				5.88				3.09				60.01
580 - 5	56.52				7.25				3.17				56.32
580 - 6	60.05				9.89				6.80				59.16
580 - 7	59.41				12.00				7.67				54.99
580 - 8	59.92				5.88				3.04				59.82
581		S 11 31 E		49.61		S 33 32 W		36.41		S 80 4 W		59.95	
582		N 28 40 E		71.00		S 2 13 E		54.58		S 70 59 W		66.13	
582 - 1	51.56				4.51				4.50				51.50
582 - 2	59.45				7.66				12.11				60.06
582 - 3	56.71				7.70				12.12				57.80
582 - 4	59.46				4.49				4.44				59.58
582 - 5	59.63				6.03				3.30				59.62
582 - 6	60.22				11.95				7.72				59.65
582 - 7	61.07				11.98				7.73				59.80
582 - 8	59.32				4.68				5.54				58.94
583		N 6 23 E		51.89		N 66 45 E		48.77		S 40 42 W		62.33	
583 - 1	62.32				7.24				3.27				62.39
583 - 2	59.94				10.17				6.90				59.48
583 - 3	65.10				11.97				7.67				60.74
583 - 4	59.90				7.16				3.25				59.69
583 - 5	54.34				7.23				3.30				54.74
583 - 6	60.14				12.03				7.59				59.40
583 - 7	63.46				12.00				7.85				58.35
583 - 8	58.70				4.55				4.43				58.28
584		N 30 46 E		72.65		S 4 5 E		74.08		N 88 14 W		55.83	
585		N 36 52 E		77.22		S 10 53 W		66.60		S 69 16 W		73.27	
585 - 1	53.10				7.05				3.40				52.51

81-
RECORDED - FILED
Valdys REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Zainkamba REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Kumpak REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
A. Diller REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 66
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1 BRG	DIST	VSM-2	RM2 BRG	DIST	VSM-3	RM3 BRG	DIST	VSM-4
585 - 2	58.77			11.88			7.66			58.17
585 - 3	55.86			11.86			7.65			50.57
585 - 4	59.99			6.05			3.13			59.19
585 - 5	54.67			7.07			3.11			54.82
585 - 6	61.15			12.22			7.68			60.21
585 - 7	57.97			11.64			7.70			53.14
585 - 8	59.79			7.31			3.22			59.60
586		S 11 30 W	78.39		S 48 44 W	66.72		S 85 59 W	87.82	
586 - 1	61.07			6.08			2.92			61.06
586 - 2	59.54			11.86			7.59			59.25
586 - 3	62.27			12.00			7.60			60.97
586 - 4	59.72			4.54			4.29			59.29

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fanlon REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burns REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Al Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

72

ALIGNMENT SHEET 67
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
586 - 5	59.67			6.95			10.10			60.03
586 - 6	60.35			10.10			6.87			59.81
586 - 7	59.85			6.23			5.55			59.57
586 - 8	59.61			6.25			8.67			60.00
587 - 0	58.14			5.69			8.03			61.86
587 - 1	59.95			8.64			6.25			59.70
587 - 2	59.61			5.10			6.70			59.59
587 - 3	59.34			5.60			6.38			59.79
587 - 4	59.79			8.57			6.28			59.48
588 - 0	61.91			7.94			5.60			58.08
588 - 1	58.22			6.33			8.81			58.71
588 - 2	60.08			10.29			6.92			59.81
588 - 3	60.09			10.04			6.76			59.53
588 - 4	59.77			6.45			8.75			60.60
588 - 5	59.61			5.33			6.48			59.79
588 - 6	60.65			8.88			6.27			59.71
588 - 7	59.78			6.79			5.28			59.75
588 - 8	60.04			6.25			8.91			59.94
588 - 9	59.93			5.48			6.56			60.11
588 - 10	60.15			10.07			6.77			59.75
588 - 11	62.72			9.47			5.68			58.18
589 - 1	61.00			10.55			6.26			58.72
589 - 2	62.28			8.85			6.20			61.85
589 - 3	59.58			6.33			8.81			60.14
589 - 4	59.74			5.77			9.29			60.15
590 - 1	58.88			5.95			9.13			61.52
590 - 2	58.58			6.89			9.99			61.12
590 - 3	59.81			6.41			5.80			59.42
590 - 4	62.15			10.05			6.74			61.61
590 - 5	59.65			7.75			12.02			60.08

81-1
 RECORDED - FILED
Vadny REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Bilton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 67
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
590 - 6	60.00			8.73			6.24			59.48
590 - 7	59.62			6.77			9.91			60.00
590 - 8	54.90			5.77			9.17			55.02
591 - 1	53.69			6.97			9.94			56.00
591 - 2	59.73			6.68			5.19			59.53
592 - 0	60.36			10.59			6.14			59.51
592 - 1	61.65			10.07			6.82			58.72
592 - 2	59.90			5.97			7.50			59.85
592 - 3	64.16			7.66			12.09			64.75
592 - 4	59.91			12.10			7.65			59.25
592 - 5	60.18			6.83			10.01			60.35
592 - 6	60.38			10.24			6.71			59.86
592 - 7	60.22			9.91			6.86			59.35
592 - 8	59.75			7.66			11.81			60.17
592 - 9	59.73			6.31			8.95			59.81
592 -10	60.65			10.21			6.94			59.93
592 -11	59.58			8.05			5.43			59.52
592 -12	60.50			7.74			5.67			58.75
593 - 1	60.68			9.67			5.43			58.19
593 - 2	59.90			8.32			5.30			59.24
593 - 3	59.01			6.68			5.40			58.55
593 - 4	59.25			6.33			8.61			59.74
593 - 5	59.63			6.75			5.20			59.65
593 - 6	59.45			6.47			8.80			59.83
593 - 7	59.36			5.99			7.78			59.61

81-1
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Jambor REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Hampton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 A. Dutton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
593 - 8	60.07				8.90				6.33				59.97
593 - 9	59.61				9.11				5.77				59.53
594 - 1	61.05				7.77				5.90				58.51
594 - 2	61.90				8.72				6.35				59.49
594 - 3	60.32				8.76				6.42				60.64
594 - 4	59.42				6.35				8.80				59.79
594 - 5	51.91				8.84				6.35				59.52
594 - 6	53.33				5.68				9.38				53.56
594 - 7	52.86				5.69				9.39				54.48
595 - 1	52.41				6.31				8.31				55.37
595 - 2	53.53				5.32				8.31				53.65
595 - 3	48.92				4.33				4.64				48.63
595 - 4	59.71				6.07				7.67				59.85
595 - 5	59.39				5.87				7.78				59.72
595 - 6	59.40				4.54				4.48				59.95
596 - 0	60.43				5.18				3.75				58.36
596 - 1	58.10				3.27				7.10				58.04
596 - 2	59.76				7.68				12.12				60.31
596 - 3	58.82				9.56				12.55				59.99
596 - 4	59.52				4.42				4.53				59.79
597		S 26	23 W	74.04		S 46	53 W	72.16		S 85	24 W	78.26	
598		N 52	43 E	85.75		S 19	52 W	65.89		S 81	14 W	65.26	
599		S 20	26 E	96.04		S 50	18 W	54.64		N 80	1 W	91.79	
600		N 1	8 E	62.35		N 53	40 E	54.05		S 29	59 W	62.26	
601		S 13	50 W	86.97		S 57	45 W	58.58		N 79	17 W	90.35	
602		S 0	2 E	79.14		S 46	15 W	49.50		N 72	56 W	77.27	
603		S 32	6 E	102.85		S 30	6 E	200.61		S 38	6 E	301.27	
604		N 40	27 E	64.42		S 5	57 W	75.65		S 80	1 W	68.97	
604A		N 61	26 E	61.27		S 24	12 W	72.89		N 79	55 W	77.60	
604B		N 60	41 E	70.75		S 20	55 W	59.79		N 64	7 W	85.80	

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christie
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnhart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Ed Dalton
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
605		N 51 48 E	76.55		S 41 56 W	105.33		N 72 25 W	112.35	
606		N 53 8 E	118.85		S 14 12 E	29.72		N 81 50 W	28.24	
607		N 21 28 E	145.77		S 8 6 E	69.16		S 52 48 W	71.29	
607 - 1	3.10			59.66			59.90			5.96
607 - 2	59.55			5.83			7.58			60.13
607 - 3	75.39			6.27			8.92			79.12
607 - 4	59.64			3.04			5.92			59.72
607 - 5	60.53			5.74			4.71			60.30
607 - 6	60.18			5.84			7.85			60.49
607 - 7	59.81			5.96			7.61			59.93
607 - 8	59.62			5.73			4.82			59.90
607 - 9	54.73			9.44			5.73			54.42
608 - 1	56.91			9.17			5.93			54.54
608 - 2	57.10			9.74			7.01			54.44
608 - 3	58.14			5.63			6.28			58.46
608 - 4	59.30			6.50			8.67			59.94
608 - 5	60.04			59.45			59.35			59.79
608 - 6	60.28			8.67			6.37			60.00
608 - 7	59.91			59.26			59.49			60.25
608 - 8	55.11			5.12			8.43			55.29
609 - 1	54.78			6.37			8.60			55.78
609 - 2	59.84			6.53			5.42			59.61
609 - 3	59.85			6.98			5.12			59.64
610 - 1	60.85			8.60			4.92			58.88
610 - 2	60.11			6.98			5.08			59.80
610 - 3	58.38			5.88			7.63			58.20
610 - 4	59.35			7.48			5.85			59.40
610 - 5	60.68			10.01			9.76			59.93
610 - 6	59.81			6.84			10.07			60.16
610 - 7	60.62			12.01			7.70			59.83

81-1
 RECORDED - FILED
Walden REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Sankarha REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Komput REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 68
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
610 - 8	59.79				8.11				11.90				60.51
610 - 9	59.49				5.55				6.34				59.65

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	594 -05	S 17 1 E	66.30	RT BANK
	RT BANK	S 17 1 E	174.20	LT BANK
	LT BANK	S 17 1 E	52.00	ANCHOR NBT
	ANCHOR NBT	S 17 1 E	600.08	594 -06

81-
 RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Zainab REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Banner part REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
A. B. B. B. REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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ALIGNMENT SHEET 69
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
610 -10	60.40			10.29			6.77			59.87
610 -11	62.59			10.43			6.25			57.96
611 - 1	61.35			10.57			6.40			58.85
611 - 2	55.10			6.37			8.60			55.67
611 - 3	59.95			10.12			7.01			59.56
611 - 4	59.67			5.75			7.84			59.38
611 - 5	59.89			6.38			8.78			59.94
611 - 6	57.90			5.94			9.16			61.85
612 - 1	59.19			6.07			9.00			61.86
612 - 2	61.31			6.19			5.93			60.75
612 - 3	59.78			7.46			11.93			60.43
612 - 4	60.12			7.88			11.96			61.40
612 - 5	58.86			5.66			4.70			58.89
613		N 23 18 E	106.02		N 74 42 E	106.22		S 51 5 W	71.35	
613 - 1	45.42			6.00			2.82			45.80
613 - 2	59.80			10.24			9.33			59.69
613 - 3	46.61			9.98			6.78			45.60
613 - 4	59.58			5.85			2.87			59.45
613 - 5	60.76			7.32			4.88			60.56
613 - 6	61.86			6.94			5.16			60.45
614 - 1	62.23			8.42			5.25			59.83
614 - 2	60.78			6.76			5.17			60.60
614 - 3	59.27			4.73			7.01			59.50
614 - 4	59.20			5.07			6.90			60.76
615 - 1	58.30			5.32			8.16			61.05
615 - 2	59.60			4.92			6.93			59.65
615 - 3	47.09			7.61			5.90			46.94
615 - 4	59.41			5.63			6.40			59.77
615 - 5	59.45			6.27			8.74			60.15
615 - 6	60.03			6.73			5.14			59.67

81-1
 RECORDED - FILED
 Valdey
 DATE 1-17 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Chitma
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Zamboni
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Bunker
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Hampton
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 J. Dalton
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 69
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1	DIST	VSM-2	BRG RM2	DIST	VSM-3	BRG RM3	DIST	VSM-4
615 - 7	60.05			8.85			6.19			59.49
615 - 8	59.18			6.85			9.93			60.11
615 - 9	60.64			5.28			6.73			60.92
615 -10	59.81			7.59			5.81			59.41
616 - 0	62.80			60.49			60.39			58.79
616 - 1	59.27			5.45			6.78			59.79
616 - 2	59.68			8.72			6.25			59.24
616 - 3	62.21			9.26			5.59			58.04
617 - 1	59.84			7.69			5.87			59.61
617 - 2	59.50			6.79			8.69			59.58
617 - 3	59.72			6.41			8.77			59.75
617 - 4	60.25			9.93			6.80			59.22
617 - 5	62.11			9.48			5.59			58.25
618 - 1	69.69			10.02			6.78			69.14
618 - 2	59.80			6.78			9.94			60.10
618 - 3	59.19			7.57			12.00			60.19
618 - 4	60.24			12.07			7.58			59.68
618 - 5	60.10			12.11			7.72			59.37
618 - 6	59.60			7.63			11.84			60.48
618 - 7	60.05			14.47			11.63			59.47
618 - 8	59.37			7.67			11.89			60.31
618 - 9	58.08			6.98			12.76			63.60

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zainab
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Kampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A Sultan
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1 DIST	VSM-2	BRG RM2 DIST	VSM-3	BRG RM3 DIST	VSM-4
619 - 1	60.52		7.73		11.71		61.44
619 - 2	60.35		12.06		7.61		59.54
619 - 3	59.92		20.39		19.78		60.08
619 - 4	60.11		6.89		9.91		60.54
619 - 5	59.58		6.28		8.67		59.89
619 - 6	60.16		7.67		5.91		60.05
620 - 0	60.91		7.05		5.09		57.76
620 - 1	60.14		7.38		5.84		59.74
620 - 2	59.45		6.42		8.82		59.96
620 - 3	59.51		6.46		8.81		59.30
620 - 4	59.68		7.61		5.84		59.25
620 - 5	59.98		6.96		5.01		59.33
620 - 6	60.30		6.41		5.54		58.83
621 - 1	61.18		6.39		5.48		58.83
621 - 2	59.69		6.34		4.06		59.47
621 - 3	59.56		8.74		6.18		59.47
621 - 4	59.45		11.12		8.69		59.60
621 - 5	59.33		6.31		8.70		59.74
621 - 6	59.99		8.55		6.23		59.87
621 - 7	65.21		4.91		6.73		65.55
622 - 1	64.35		5.87		7.63		65.79
622 - 2	65.23		5.09		6.77		65.82
622 - 3	51.74		4.01		6.28		52.55
622 - 4	51.78		4.51		5.96		52.71
623 - 1	51.42		5.29		6.39		53.81
623 - 2	52.11		4.10		6.43		52.69
623 - 3	59.08		3.42		7.07		59.08
623 - 4	59.38		6.71		10.30		59.81
623 - 5	63.84		6.96		10.10		67.06
623 - 6	59.69		3.11		5.92		59.38

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zamboni REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burrow REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Dalton REC. DIST.
DATE 1-7 1981
TIME 2:17 P.M. 80
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 70
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
623 - 7	60.35				4.52				4.62				60.46
623 - 8	61.05				8.62				6.50				60.39
623 - 9	61.15				8.64				6.28				61.10
623 -10	59.89				4.46				4.63				59.69
623 -11	60.24				4.79				5.68				60.30
623 -12	59.73				7.61				6.04				59.37
623 -13	59.37				7.54				5.92				59.55
623 -14	59.71				4.99				5.68				59.36
623 -15	64.60				4.51				4.60				64.51
623 -16	54.94				6.32				5.53				54.44
623 -17	55.08				6.69				5.38				54.79
624 - 1	60.78				6.43				5.50				58.33
624 - 2	61.62				6.23				5.84				58.65
624 - 3	59.47				3.73				5.11				59.26
624 - 4	51.11				4.35				4.37				51.71
624 - 5	59.75				7.63				5.95				59.51
624 - 6	59.98				7.54				5.80				59.34
624 - 7	59.50				4.81				5.63				59.31
624A- 1	57.06				8.78				6.30				53.42
624A- 2	59.66				5.79				6.30				60.00
624A- 3	55.12				8.08				8.30				55.71
624A- 4	59.36				7.39				5.86				59.44
624A- 5	61.89				5.23				6.96				62.00
624A- 6	61.41				5.89				7.68				62.90
624A- 7	61.18				5.87				7.79				63.85
625 - 1	60.88				6.27				8.95				64.27
625 - 2	62.33				5.79				7.60				62.39
625 - 3	61.93				4.73				7.26				62.38
625 - 4	58.10				8.17				5.28				57.56
625 - 5	59.49				9.31				5.92				56.79

817
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Fainland REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Bumpert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
A. Silt REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81

ALIGNMENT SHEET 70
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
626 - 1	59.66			7.87			5.60			58.17
626 - 2	58.79			8.36			5.20			58.45
626 - 3	43.34			6.05			3.08			43.21
626 - 4	60.40			10.08			6.83			60.00
626 - 5	51.82			9.92			6.86			48.21
626 - 6	59.83			6.09			2.86			59.45
626 - 7	63.10			5.70			4.82			62.98
626 - 8	59.69			7.65			12.15			59.99
626 - 9	62.89			7.67			12.14			63.97
626 -10	59.33			4.37			4.54			59.60
626 -11	58.34			5.18			6.84			58.40
626 -12	57.81			5.48			6.38			59.10
627 - 1	47.52			5.43			6.42			49.90
627 - 2	68.10			4.07			6.24			67.97
627 - 3	59.65			6.89			4.97			59.40
627 - 4	60.36			6.06			4.51			58.88
628 - 1	60.43			6.68			5.37			58.65
628 - 2	59.86			5.81			4.57			59.59
628 - 3	59.60			7.02			4.94			59.36

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambrowski
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bimmer
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bumpfoot
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. B. B. B.
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 70
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL

OBJECT

BEARING

DISTANCE

OBJECT

E-1

POT
 POT

N 50 34 W
 S 50 34 E
 N 15 37 E
 N 61 12 E
 S 28 55 W

2549.70
 2599.43
 89.40
 87.39
 65.60

626 - 6
 626 - 7
 RM-1
 RM-2
 RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christa REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Famborn REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Kumpast REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Bittner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 71
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4				
628 - 4	54.39				5.96				3.04				54.57				
628 - 5	60.41				10.12				6.77				59.64				
628 - 6	56.19				9.95				6.84				54.64				
628 - 7	59.60				4.77				5.70				59.63				
628 - 8	49.78				3.02				5.74				49.35				
628 - 9	59.36				6.69				10.12				59.81				
628 -10	47.97				6.79				10.04				52.45				
628 -11	59.89				3.10				5.78				59.85				
628 -12	62.80				5.93				7.65				63.25				
628 -13	60.24				7.51				5.94				59.70				
628 -14	60.03				8.53				6.27				59.63				
628 -15	59.97				5.91				7.58				59.81				
629 - 0	57.60				5.98				9.07				58.20				
629 - 1	56.36				6.31				8.84				59.83				
629 - 2	59.44				6.56				5.57				59.47				
629 - 3	53.14				6.28				4.32				52.93				
629 - 4	53.95				7.22				4.70				52.41				
630 - 1	53.24				6.36				4.00				52.89				
630 - 2	59.55				5.64				4.63				59.38				
630 - 3	59.48				6.08				7.56				59.63				
630 - 4	58.00				5.21				8.35				61.44				
631 - 1	58.83				3.93				6.28				61.04				
631 - 2	46.48				5.86				2.96				46.56				
631 - 3	60.30				9.98				6.87				59.94				
631 - 4	53.19				10.17				6.89				51.89				
631 - 5	59.30				4.54				4.40				59.11				
632		S	8	25	E	83.17		S	34	58	W	50.82	S	80	17	W	61.26
633		N	43	47	E	106.44		S	24	8	W	80.04	S	89	13	W	104.10
634		N	49	47	E	60.25		S	13	51	W	89.30	S	85	59	W	76.72
634 - 1	54.45				6.06				2.83				54.37				

81-1
 RECORDED - FILED
Vally
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitria
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fainlonks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burrow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rumpert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. B. B. B.
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 71
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
634 - 2	59.55				10.80				6.08				59.22
634 - 3	56.14				10.10				6.65				54.78
634 - 4	59.59				6.15				2.65				59.42
634 - 5	59.89				9.90				6.85				59.49
634 - 6	60.68				7.51				12.04				61.40
634 - 7	59.65				6.22				7.58				59.72
634 - 8	59.97				6.60				5.61				59.64
635 - 0	61.19				6.40				5.66				58.23
635 - 1	59.53				6.29				8.70				59.77
635 - 2	59.56				8.82				6.27				59.41
635 - 3	59.35				6.50				5.52				59.71
635 - 4	59.19				6.83				8.45				59.14
636 - 0	57.93				6.34				8.69				62.12
636 - 1	56.69				5.90				3.03				56.53
636 - 2	60.21				12.21				7.29				59.64
636 - 3	63.40				9.27				7.34				62.70
636 - 4	59.57				7.50				4.43				59.35
636 - 5	56.68				5.97				2.97				56.51
636 - 6	54.75				13.91				9.06				53.58
636 - 7	54.48				13.80				9.19				53.48
636 - 8	59.57				4.48				4.28				59.33
637		N 58	9 E	76.35		S 14	44 W	85.78		S 81	38 W	75.97	
638		N 47	4 E	70.27		S 14	12 W	79.50		N 87	23 W	66.76	
638 - 1	56.48				7.20				3.46				56.64
638 - 2	60.18				11.94				7.68				59.41
638 - 3	57.82				12.24				7.55				57.03
638 - 4	59.87				6.00				3.10				59.52
638 - 5	59.62				6.35				8.51				60.19
638 - 6	59.72				6.22				5.71				59.34

81-1
 RECORDED - FILED
Valdys REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jambak REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Burton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

85

ALIGNMENT SHEET 71
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	636 -06	S 46 2 E	23.80	RT BANK
	RT. BANK	S 46 2 E	71.29	LT BANK
	LT BANK	S 46 2 E	74.56	636 -07

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 44 20 W	2006.43	628 - 7
	POT	S 44 20 E	1642.37	628 - 8
		N 44 11 E	72.60	RM-1
		S 22 5 W	55.86	RM-2
		S 86 16 W	61.73	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 47 47 W	1182.31	632 - 0
	POT	S 47 47 E	1826.98	633 - 0
		S 7 34 W	68.63	RM-1
		S 48 9 W	55.63	RM-2
		N 87 1 W	83.89	RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chumma REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnes REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. B. Brown REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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ALIGNMENT SHEET 71
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 48 53 W	961.57	633 - 0
	POT	S 48 53 E	2507.60	634 - 0
		N 37 12 E	67.11	RM-1
		S 4 56 W	43.98	RM-2
		S 82 26 W	47.14	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 30 18 W	1497.98	637 - 0
	POT	S 30 18 E	1574.51	638 - 0
		N 57 50 E	67.51	RM-1
		S 13 48 W	47.36	RM-2
		S 85 17 W	60.77	RM-3

81-1
 RECORDED - FILED
Waldy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jamboree REC. DIST.
 DATE 1-7 1981
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnport REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
At Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 72
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
638 - 7	59.88				7.68				5.71				59.31
638 - 8	59.72				6.22				8.83				59.55
638 - 9	59.34				6.75				10.08				60.16
638 -10	60.11				10.14				7.03				59.45
638 -11	58.54				11.82				7.68				58.15
638 -12	59.79				7.52				11.98				60.30
638 -13	59.41				6.45				8.59				59.69
638 -14	59.51				6.51				5.68				59.39
638 -15	59.82				6.45				5.62				59.44
638 -16	60.39				6.33				8.47				60.73
638 -17	59.39				2.90				5.92				59.83
638 -18	59.87				6.34				8.90				59.88
638 -19	58.35				6.33				8.80				62.01
639 - 1	58.60				6.45				8.71				61.05
639 - 2	61.04				6.25				8.72				63.71
639 - 3	58.94				4.56				4.48				59.50
640		N 10	37 E	57.30		S 19	1 E	62.98		S 34	38 W	59.88	
642		N 23	4 E	32.77		S 13	18 E	110.91		S 32	15 W	89.70	
643		N 37	18 E	41.13		S 17	19 E	67.80		S 54	50 W	54.91	
644		N 30	55 W	53.91		N 6	25 E	31.72		N 68	47 E	43.04	
644A		N 1	18 W	57.39		N 86	14 E	54.52		S 36	48 W	71.11	
644B		N 8	37 W	53.33		N 47	47 E	40.73		S 85	9 E	49.98	
644C		N 50	7 E	33.38		S 2	36 W	78.07		S 58	52 W	65.40	
644D		N 11	39 W	69.79		N 78	0 E	58.76		S 29	29 W	65.84	
644E		N 19	40 W	47.38		N 15	12 E	33.64		N 67	40 E	46.73	
644F		N 18	46 W	51.98		N 14	60 E	36.47		N 73	6 E	47.94	
644G		N 19	43 W	57.52		N 35	13 E	42.08		N 78	52 E	50.36	
644H		N 3	34 W	64.20		N 32	37 E	45.63		N 82	48 E	58.73	
644I		N 23	43 W	60.64		N 54	1 E	36.98		S 69	39 E	72.84	
644J		N 4	32 E	49.55		S 74	51 E	50.83		S 58	26 W	61.17	

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Uitma REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zainemba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Huber REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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ALIGNMENT SHEET 72
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
	BRG			BRG			BRG			
644K	N 1 7 W		69.72	N 45 35 E		44.11	S 80 37 E		69.54	
644L	N 12 47 W		62.92	S 89 1 E		50.51	S 50 52 W		71.79	
644M	N 25 35 E		48.45	S 86 36 E		60.80	S 41 43 W		78.70	
645	N 11 27 E		57.70	S 73 48 E		63.02	S 52 34 W		72.04	
646	N 2 59 E		78.10	N 86 3 E		74.46	S 42 27 W		66.47	
646A	N 8 41 W		84.07	N 54 51 E		69.86	S 24 52 W		74.92	
646B	N 10 52 W		53.19	N 54 15 E		47.02	S 81 50 E		88.09	
646C	N 3 59 E		70.19	N 56 43 E		72.91	S 29 6 W		49.20	
647	N 19 25 E		94.53	N 54 17 E		96.98	S 44 7 W		69.20	
647A	N 25 14 E		132.11	N 83 6 E		124.22	S 57 53 W		67.10	
649	S 11 35 W		98.19	S 60 59 W		78.60	N 78 3 W		98.79	
649 - 1	4.42		54.55			54.54			7.69	
649 - 2	59.72		8.84			6.00			59.42	
649 - 3	55.33		8.81			6.24			54.76	
649 - 4	59.94		4.31			4.48			59.34	
649 - 5	59.03		7.68			5.75			58.58	
649 - 6	59.56		5.93			9.00			59.64	
649 - 7	57.80		4.81			6.95			57.93	
649 - 8	57.80		5.05			6.73			58.72	
649 - 9	56.96		5.90			9.11			59.07	
650 - 1	57.93		5.09			7.22			57.93	
650 - 2	58.01		5.23			7.05			58.11	
650 - 3	54.28		6.52			8.63			54.47	
650 - 4	59.11		6.35			5.72			59.11	
650 - 5	59.47		6.27			8.92			59.98	
650 - 6	60.11		10.11			6.57			59.28	
650 - 7	60.72		11.48			7.89			60.35	
650 - 8	59.63		7.56			12.41			60.48	
650 - 9	59.67		4.43			4.78			59.84	
650 - 10	59.66		9.68			6.89			59.90	

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:30 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambrowski
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:35 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. B. Baker
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 72
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
650 -11	60.48				9.81				6.81				59.61
650 -12	60.07				4.59				3.90				59.41
651		N 40 40 E		54.30		S 10 40 W		94.21		S 52 28 W		115.60	

81-1
 RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitima REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Zambler REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Barn REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Gibson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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ALIGNMENT SHEET 73
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
		BRG			BRG			BRG		
652		N 34 10 E	90.47		S 66 58 E	89.77		S 52 14 W	64.91	
652 - 1	58.84			5.93			2.79			58.91
652 - 2	60.00			10.30			6.78			59.80
652 - 3	60.94			10.28			6.64			56.55
652 - 4	50.73			5.92			3.10			50.34
652 - 5	59.35			5.92			2.90			59.10
652 - 6	60.21			10.04			6.82			59.78
652 - 7	62.30			10.08			6.68			57.84
652 - 8	60.04			5.83			2.90			59.80
652A		N 74 2 E	63.42		S 46 48 W	52.86		N 68 11 W	62.35	
652B		N 59 38 E	97.04		S 43 26 W	51.83		N 62 14 W	54.20	
652C		S 87 50 E	111.61		S 5 37 W	68.58		S 51 25 W	30.90	
652D		N 72 58 E	70.63		S 35 38 W	59.26		N 86 22 W	53.64	
653		N 29 6 E	89.04		S 85 19 E	80.29		S 86 50 W	48.58	
653 - 1	54.42			5.90			2.83			54.73
653 - 2	60.04			10.04			6.83			59.82
653 - 3	56.39			9.99			6.85			55.22
653 - 4	59.45			5.90			3.15			59.38
653 - 5	59.38			4.52			4.49			59.37
653 - 6	59.33			7.49			5.98			58.92
653 - 7	59.75			7.54			5.89			59.43
653 - 8	59.48			4.53			4.40			59.29
653 - 9	59.25			4.56			4.46			59.48
653 - 10	59.54			7.58			5.84			59.59
653 - 11	60.08			7.66			5.82			59.31
653 - 12	59.25			4.46			4.50			59.21
653 - 13	59.33			4.30			4.41			59.34
653 - 14	59.74			7.60			5.92			59.41
653 - 15	60.31			7.66			5.82			59.57
653 - 16	59.38			4.55			4.35			59.47

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Saulson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Danner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dillon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 73
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
653 -17	59.57				4.34				4.66				59.64
653 -18	59.34				5.65				6.26				59.58
653 -19	8.65				59.26				59.87				8.06
653 -20	59.82				3.00				6.17				60.05
653 -21	61.67				6.07				8.91				61.68
653 -22	59.86				8.36				6.40				59.23
653 -23	60.18				5.98				5.75				59.92
653 -24	50.39				20.35				19.63				51.60
653 -25	39.24				6.37				8.64				42.05
654 - 1	59.24				6.01				9.13				61.09
654 - 2	58.36				3.08				5.91				58.26
654 - 3	59.03				6.92				9.63				59.45
654 - 4	60.62				6.85				10.25				65.90
654 - 5	59.34				3.13				5.92				59.58
655		N 75	1 E	69.44		S 8	57 E	64.27		S 56	41 W	30.93	
656		N 65	52 E	61.56		S 3	37 E	48.84		S 78	54 W	36.23	
657		N 38	59 E	60.47		S 30	22 W	38.70		N 88	53 W	43.97	
657 - 1	56.17				5.88				3.45				56.22
657 - 2	59.95				10.03				6.85				59.75
657 - 3	57.87				10.02				6.56				56.56
657 - 4	60.34				5.65				2.71				59.76
657 - 5	59.47				6.31				8.65				59.82
657 - 6	60.10				10.13				6.86				59.47
657 - 7	59.62				8.53				6.87				59.50
657 - 8	59.50				6.96				7.91				59.65
658 - 0	58.21				4.62				6.87				61.61
658 - 1	51.74				8.65				6.46				51.19
658 - 2	59.54				5.83				6.10				60.13
658 - 3	59.55				5.25				8.73				59.64
659 - 1	59.52				6.56				8.78				60.28

81-1
 RECORDED - FILED
Valkyrie REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Sankar REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. D. Baker REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 73
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
659 - 2	69.66				7.79				5.90				69.59
659 - 3	59.21				6.31				9.92				59.53
659 - 4	60.00				10.08				7.12				59.68
659 - 5	60.40				12.04				7.56				59.48
659 - 6	59.81				7.58				11.75				59.87

81-1
 RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Clinton REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jainamba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Ramp post REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. S. S. S. REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 74
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
659 - 7	60.20				10.63				6.37				59.40
659 - 8	59.72				7.63				12.27				60.26
659 - 9	58.25				7.53				12.27				63.03
660 - 1	59.78				6.69				10.15				60.35
660 - 2	60.23				11.84				7.52				59.45
660 - 3	59.23				8.00				11.42				60.27
660 - 4	59.95				12.00				7.46				59.28
660 - 5	50.18				10.00				6.93				49.66
660 - 6	59.47				6.87				10.02				59.96
660 - 7	60.83				7.65				10.67				61.40
660 - 8	60.26				10.33				6.73				59.81
660 - 9	59.81				7.74				5.78				60.79
660 -10	59.48				6.86				10.03				60.04
661 - 0	58.19				5.83				9.73				62.77
661 - 1	57.78				6.35				8.87				57.86
661 - 2	56.82				6.38				13.24				59.70
662 - 1	57.50				6.32				8.62				61.54
662 - 2	57.56				5.88				7.48				58.28
662 - 3	8.05				59.88				59.70				11.70
662 - 4	66.57				12.93				6.84				63.75
663 - 1	63.36				10.03				6.83				59.16
663 - 2	59.55				9.27				5.77				58.97
663 - 3	45.71				5.91				3.05				45.86
663 - 4	59.57				10.07				7.14				59.36
663 - 5	54.38				10.20				6.82				49.80
663 - 6	59.64				5.95				3.18				59.35
663 - 7	58.18				7.51				3.23				58.62
663 - 8	60.26				9.87				7.13				59.79
663 - 9	61.08				11.95				7.52				56.69
663 -10	59.94				7.18				3.17				59.48

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Anton REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Gilbert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 74
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
663 -11	59.18			5.98			7.90			59.51
663 -12	59.61			8.72			6.40			59.72
663 -13	60.03			6.80			5.19			60.07
663 -14	59.97			6.00			5.78			58.29
663 -15	63.74			7.51			6.03			60.98
664 - 1	57.92			6.40			5.58			57.91
664 - 2	58.78			9.31			7.50			58.78
664 - 3	57.55			9.14			6.20			57.17
664 - 4	59.71			6.29			8.75			59.90
664 - 5	59.85			6.08			7.41			59.64
664 - 6	58.66			6.02			7.36			59.64
665 - 1	59.45			7.91			8.36			62.55
665 - 2	54.27			5.55			6.14			54.69
665 - 3	64.81			4.60			7.36			64.40
665 - 4	59.88			5.92			10.91			60.55
665 - 5	60.32			7.81			9.43			60.77
665 - 6	59.61			5.75			4.49			59.74
665 - 7	51.15			4.48			4.52			51.20
665 - 8	59.65			7.51			5.91			59.40
665 - 9	59.63			7.54			5.90			59.47
665 -10	59.75			4.50			4.21			59.40
666 - 0	4.71			60.57			58.97			4.22
666 - 1	56.11			7.27			3.28			56.36
666 - 2	60.43			11.92			7.67			59.93
666 - 3	62.81			11.98			7.54			61.82
666 - 4	60.19			6.05			3.00			59.98
667		N 79 30 E	100.90		S 2 41 E	40.64		N 80 54 W	71.88	
667 - 1	54.90			4.35			4.50			54.31
667 - 2	59.80			6.21			8.40			59.73
667 - 3	54.46			6.31			9.10			55.31

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Andrews REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Benson REC. DIST.
 DATE 1-7 1981
 TIME 2:15 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rann part REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Gibson REC. DIST.
 DATE 1-7 1981
 TIME 2:15 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 74
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
667 - 4	59.50				10.70				11.41				59.83
667 - 5	60.02				5.61				7.77				60.43
667 - 6	54.85				8.79				5.90				54.33
667 - 7	59.90				7.76				5.91				59.20
667 - 8	59.48				5.92				7.67				59.53
667 - 9	59.50				5.95				7.70				59.87
667 -10	60.30				9.02				7.41				59.77
667 -11	61.92				8.46				6.66				60.91
668 - 1	62.00				8.92				6.45				58.75
668 - 2	59.59				7.07				8.15				60.00

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	660 -06	S 43 18 E	239.60	VSM 6
	VSM 6	S 43 18 E	120.00	RT BANK
	RT BANK	S 43 18 E	55.00	LT BANK
	LT BANK	S 43 18 E	73.00	VSM 2
	VSM 2	S 43 18 E	600.11	660 -07

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Damboko REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

96

ALIGNMENT SHEET 74
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 50 25 W	1554.36	666 - 4
	POT	S 50 25 E	1554.61	667 - 0
		N 2 57 W	52.55	RM-1
		N 75 1 E	47.79	RM-2
		S 35 36 W	60.48	RM-3

81-1
 RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnum REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Bitter REC. DIST.
 DATE _____ 19____
 TIME _____ M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 75
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
668 - 3	60.02				12.24				10.85				59.03
669 - 1	48.58				12.30				12.01				48.76
669 - 2	71.36				6.24				5.63				68.50
669 - 3	61.38				7.71				5.89				60.93
669 - 4	59.48				6.32				8.78				59.69
669 - 5	59.88				7.46				12.14				60.61
669 - 6	60.98				12.13				7.54				60.05
669 - 7	56.44				2.83				6.05				57.31
669 - 8	59.39				9.70				12.17				58.86
669 - 9	57.48				11.91				7.77				56.56
669 - 10	59.76				4.50				4.30				59.84
670		N 37 34 E		131.07		S 24 27 E		38.48		S 87 47 W		54.39	
671		N 10 46 W		55.39		N 77 14 E		51.97		S 45 26 W		97.90	
671 - 1	57.40				5.76				4.74				56.70
671 - 2	59.50				6.33				8.67				59.83
671 - 3	58.00				6.37				8.47				58.68
671 - 4	59.62				2.98				5.82				59.63
671 - 5	58.54				6.48				8.65				58.68
671 - 6	60.59				11.89				7.36				60.15
671 - 7	61.85				10.64				5.96				56.66
672 - 1	56.35				7.45				5.90				56.27
672 - 2	57.44				7.53				5.92				56.24
673 - 1	56.76				8.64				6.33				56.45
673 - 2	58.08				7.47				5.93				55.95
673 - 3	54.77				8.48				6.49				54.69
673 - 4	59.73				6.20				7.69				60.05
673 - 5	60.43				8.71				6.38				59.76
673 - 6	59.43				5.89				7.43				59.76
673 - 7	59.77				6.83				9.99				60.53
673 - 8	60.06				10.08				6.71				59.59

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chama REC. DIST.
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnes REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 75
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
673 - 9	59.63			3.15			5.91			59.23
673 -10	59.76			7.69			12.01			60.35
673 -11	60.03			7.67			11.98			61.00
673 -12	59.43			3.23			5.64			59.63
674		N 78 28 E	84.32		S 44 33 W	44.00		N 60 10 W	39.88	
675		N 37 48 E	64.40		S 79 52 E	63.89		S 66 59 W	42.08	
676		N 76 56 E	64.16		S 40 60 W	43.19		N 52 27 W	46.64	
676 - 1	67.05			7.00			3.09			66.77

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 19 22 W	2589.61	669 -10
	POT	S 19 22 E	682.16	670 - 0
		N 68 36 E	67.59	RM-1
		S 46 21 W	55.92	RM-2
		N 78 13 W	48.26	RM-3

81-1
 RECORDED - FILED
Vadny REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jankovich REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 8:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Sultan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 75
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 86 33 W	2819.49	670 - 0
	POT	S 86 33 E	1165.50	671 - 0
		N 2 44 E	69.79	RM-1
		S 33 39 E	44.95	RM-2
		S 42 8 W	48.95	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 21 58 W	1535.41	671 - 0
	POT	S 21 58 E	2328.52	671 - 1
		N 72 22 E	62.45	RM-1
		S 40 53 W	42.58	RM-2
		N 83 21 W	47.44	RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zarlantha REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Wilson REC. DIST.
 DATE 1-7 1981
 TIME 2:10 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503