

TYPICAL MONUMENT SET



3 1/4" ALUMINUM CAP ON A 2 1/2" ALUMINUM POST, 30" LONG

MONUMENTS SET

Point #	Northing	Easting	Description
1002	5074961.34	1665183.47	PRM MON SET
1011	5077602.40	1665490.87	PRM MON SET
1021	5077598.93	1664295.44	PRM MON SET
1013	5077129.19	1665355.18	PRM MON SET
1005	5073639.98	1684873.09	PRM MON SET
1012	5077601.46	1665156.25	PRM MON SET
1001	5074965.25	1666523.86	PRM MON SET
1022	5073638.21	1664240.54	PRM MON SET
1014	5077605.39	1666510.45	PRM MON SET

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, AND THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT TO THE EXTENT SHOWN HEREON.

DATE: _____ LS-11649

DAVID N. CIAMPA PROFESSIONAL LAND SURVEYOR



S30	S29	S28	S27	S26	S25
S31	S32	S33	S34	S35	S36
S6	S5	S4	S3	S2	S1
S7	S8	S9	S10	S11	S12
S18	S17	S16	S15	S14	S13

VICINITY MAP SCALE: 1" = 1 MILE
SECTIONS: 4
T 35 N, R 10 W, FAIRBANKS MERIDIAN
USGS QUAD: CHANDALAR (D-6), ALASKA

MEANDERS

L#	BEARING	DISTANCE
L101	N 17°59'40" W	197.49'
L102	N 18°30'35" E	245.70'
L103	N 0°30'25" E	118.62'
L104	N 25°20'33" W	735.83'
L105	N 4°03'00" E	572.21'
L106	N 3°11'21" E	489.29'
L107	N 7°23'30" W	171.85'
L108	N 23°52'16" E	586.09'
L109	N 44°47'19" E	161.37'
L110	N 64°26'52" E	128.78'
L111	N 33°30'26" E	147.61'
L112	N 40°20'32" W	227.40'
L113	S 85°31'14" W	243.84'
L114	N 30°05'27" E	382.28'
L115	N 8°00'53" E	173.28'
L116	N 55°45'10" W	72.56'

LEGAL DESCRIPTION

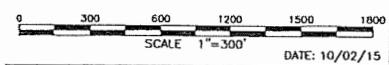
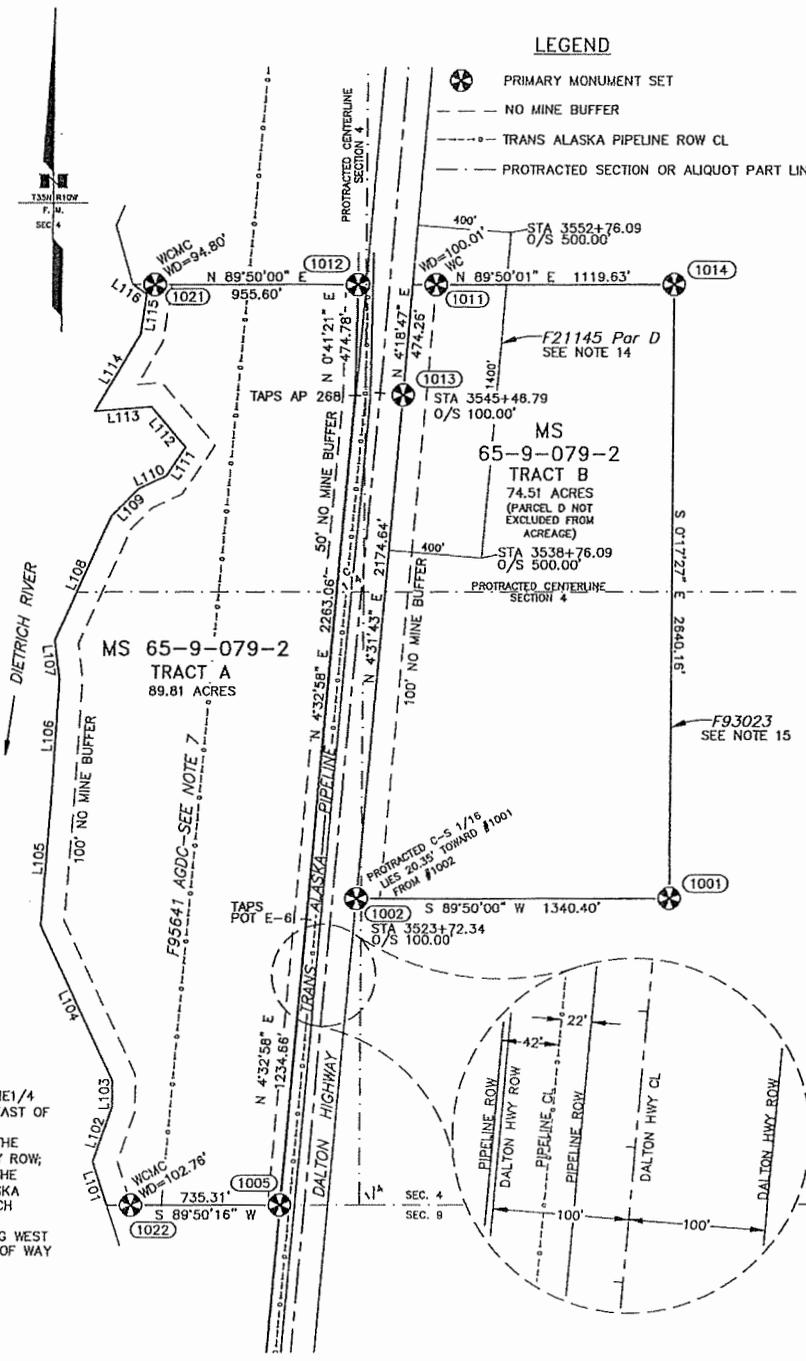
IN SECTION 4:
THAT PORTION OF THE SW1/4 OF THE NE1/4 AND THE NW1/4 OF THE SE1/4 LYING EAST OF THE DALTON HWY ROW;
AND THAT PORTION OF THE NE1/4 OF THE SW1/4 LYING EAST OF THE DALTON HWY ROW;
AND THAT PORTION OF THE SE1/4 OF THE NW1/4 LYING WEST OF THE TRANS ALASKA PIPELINE ROW AND EAST OF THE DIETRICH RIVER;
AND THAT PORTION OF THE SW1/4 LYING WEST OF THE TRANS ALASKA PIPELINE RIGHT OF WAY AND EAST OF THE DIETRICH RIVER

LEGEND

- PRIMARY MONUMENT SET
- NO MINE BUFFER
- TRANS ALASKA PIPELINE ROW CL
- PROTRACTED SECTION OR ALIQUOT PART LINE

GENERAL NOTES

- ALL DISTANCES SHOWN ARE GROUND DISTANCES, IN U.S. SURVEY FEET.
- THIS PROJECT IS IN A LOCAL COORDINATE SYSTEM. THIS SYSTEM IS A MODIFICATION TO THE ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4, NAD83(2011), AND PRESERVES A STATE PLANE BEARING BASIS WHILE PROVIDING GROUND DISTANCES AT THE PROJECT LOCATION. IT IS IDENTICAL TO THE COORDINATE SYSTEM USED FOR "DALTON HWY NP 209-235 RECONSTRUCTION" CONTROL, RECORDED AS PLAT No. 2013-61, F.R.D.
- CONVERSION FROM LOCAL U.S. FEET TO STATE PLANE ZONE 4 NAD83(2011)(2010.0000) U.S. FEET SCALE LOCAL COORDINATES USING 0.99981116751 (ABOUT DALTON 223.3)
- CONVERSION FROM STATE PLANE ZONE 4 NAD83(2011)(2010.0000) U.S. FEET TO LOCAL U.S. FEET SCALE STATE PLANE COORDINATES USING (1/0.99981116751) (ABOUT DALTON 223.3)
- COORDINATES OF DALTON 223.3 IN STATE PLANE ZONE 4 AND THE LOCAL SYSTEM ARE IDENTICAL: N: 5071876.425, E: 1664780.630.
- THE NORTH AND SOUTH BOUNDARIES OF BOTH TRACTS, AND THE EAST BOUNDARY OF TRACT B CONFORM WITH THE PROTRACTED ALIQUOT PART OR SECTION LINES OF PROTRACTED SECTION 4. THIS MATERIAL SITE IS LOCATED IN AN UNSURVEYED TOWNSHIP. THIS SURVEY WAS THEREFORE PERFORMED IN ACCORDANCE WITH ALASKA ADMINISTRATIVE CODE 11 AAC 53.150(c)(1). THE POSITIONS OF UNSURVEYED ALIQUOT PARTS CORNERS WERE DETERMINED USING THE OFFICIAL PROTRACTOR DIAGRAM No. F3-8 OFFICIALLY FILED 3/24/1980. NAD27 POSITIONS FROM THE PROTRACTOR DIAGRAM WERE CONVERTED TO NAD83 POSITIONS USING NADCON, IN KEEPING WITH CURRENT BLM PRACTICE FOR ISOLATED UNSURVEYED TOWNSHIPS.
- THE EASTERLY BOUNDARY OF TRACT A IS THE WESTERLY RIGHT OF WAY OF THE TRANS ALASKA PIPELINE SYSTEM (BLM GRANT F12505). THIS RIGHT OF WAY WAS DETERMINED BY FIELD SURVEY REFERENCING THE FOLLOWING DOCUMENTS:
 - TRANS ALASKA PIPELINE MONUMENTATION SURVEY AL-00-G101 SHEET 34 and 35.
 - TRANS ALASKA PIPELINE ROW 214 BOUNDARY REPORT, VOLUME 3, A/S 28 THROUGH 35.
 PIPELINE RIGHT OF WAY WIDTH THROUGH THIS SEGMENT IS 42' RIGHT OF CENTER AND 22' LEFT OF CENTER. RIGHT AND LEFT ARE IN RELATION TO FLOW, WHICH IS SOUTHERLY.
- ALL CENTERLINE ANGLE POINTS WERE COMPUTED BASED ON TIES TO THE PUBLISHED REFERENCE MARKS. THE RECORD CENTERLINE GEOMETRY WAS THEN UNIFORM AND ROTATED TO BEST FIT THE COMPUTED ANGLE POINTS. SCALING WAS NECESSARY BECAUSE TAPS' SURVEY DISTANCES ARE REPORTED AT "SEA LEVEL," WHILE OUR SURVEY DISTANCES ARE REPORTED AT GROUND.
- THE NATURAL MEANDERS OF THE ORDINARY HIGH WATER LINE OF THE DIETRICH RIVER FORM THE TRUE WESTERLY BOUNDARY OF THIS MATERIAL SITE. THE APPROXIMATE LINE OF ORDINARY HIGH WATER, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING ON THE EXTENSION OF THE SIDELINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
- A SPECULATIVE EASEMENT HELD BY THE ALASKA GASLINE DEVELOPMENT CORPORATION PASSES THROUGH TRACT A. ITS LOCATION IS UNSPECIFIED. IT IS SHOWN GRAPHICALLY FOR REFERENCE ONLY. THE SHOWN LOCATION IS BASED ON THE BLM MASTER TITLE PLAT.
- A FIBER OPTIC CABLE OWNED BY GCI IS BURIED WITHIN THE DALTON HIGHWAY RIGHT OF WAY WEST OF CENTERLINE AT APPROXIMATELY THE TOE OF SLOPE.
- THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY ALASKA STATUTE 40.15.900(d)(A).
- THE HORIZONTAL CLOSURE FOR THIS SURVEY MEETS OR EXCEEDS 1 PART IN 10,000.
- DISTANCES SHOWN ON LINES WITH WITNESS CORNERS ARE FOR THE ENTIRE LINE AND RUN THROUGH THE WITNESS CORNER TO THE ORDINARY HIGH WATER MARK OR TRUE POINT.
- ACCESS TO TRACT A OF THIS SITE REQUIRES CROSSING THE TRANS ALASKA PIPELINE RIGHT OF WAY. CONTACT ALASKA PIPELINE SERVICE COMPANY REGARDING ACCESS.
- DALTON HIGHWAY STATIONING REFERENCED IS BASED ON THE CONTROL SURVEY "DALTON HWY MP 209-235 RECONSTRUCTION", PLAT No. 2013-61, F.R.D. BASIS OF STATIONING IS NOT SPECIFIED ON THAT PLAT, BUT IS AS FOLLOWS: THE RECORD PC STATION VALUE WAS APPLIED TO THE FIELD SURVEYED CONSTRUCTED CENTERLINE PC AT STA 3367+22.18, AND USED AS THE BASIS OF STATIONING WITHOUT EQUATIONS FOR THE ENTIRE PROJECT.
- F21145 PARCEL D IS SHOWN ON THE ORIGINAL "AS BUILT DRAWINGS FOR STATE HIGHWAY SEGMENT NO. 4," PREPARED BY MICHAEL BAKER, JR., INC. PARCEL D WAS APPROXIMATELY POSITIONED ON THIS PLAT BASED ON THE 2013 AS-BUILT LOCATION OF THE NEAREST BACK-STATION POINT OF TANGENCY. RECORD STATIONING WAS ADJUSTED BY +776.09 TO MORE CLOSELY MATCH THE BASIS OF STATIONING STATED IN NOTE 13, THIS PLAT.
- F93023 FUP AS SHOWN ON THE MASTER TITLE PLAT REFERENCES THE SW1/4 OF THE NE1/4 AND THE NW1/4 OF THE SE1/4 AS A DOT MATERIAL SITE. FOR FURTHER INFORMATION REFERENCE THE BLM CASE FILE.
- THIS PLAT DOES NOT PURPORT TO BE AN OFFICIAL CADASTRAL SURVEY. IT DOES NOT PURPORT TO FIX THE POSITIONS OF SECTION LINES OR ALIQUOT PARTS. THE PURPOSE OF THIS PLAT IS TO RECORD THE SURVEY OF THE MATERIAL SITE BOUNDARY.



DATE OF SURVEY Beginning: 09/01/15 Ending: 09/11/15	NAME AND ADDRESS: Department of Transportation and Public Facilities (DOT&PF) 2301 Peper Road Fairbanks, Alaska 99709		
RECORD OF SURVEY			
BOUNDARY SURVEY MATERIAL SITE 65-9-079-2 DALTON HIGHWAY STP-0655113/AKSAG 60910 within SECTION 4 T 35 N, R 10 W FAIRBANKS MERIDIAN FAIRBANKS RECORDING DISTRICT			
DRAWN BY: DNC	SCALE: 1"=300'	CHECKED BY: TJS	FILE NO.:

STATE BUSINESS, NO CHARGE FOR RECORDING CONTROL SHEET 1 OF 1

EXHIBIT "A"