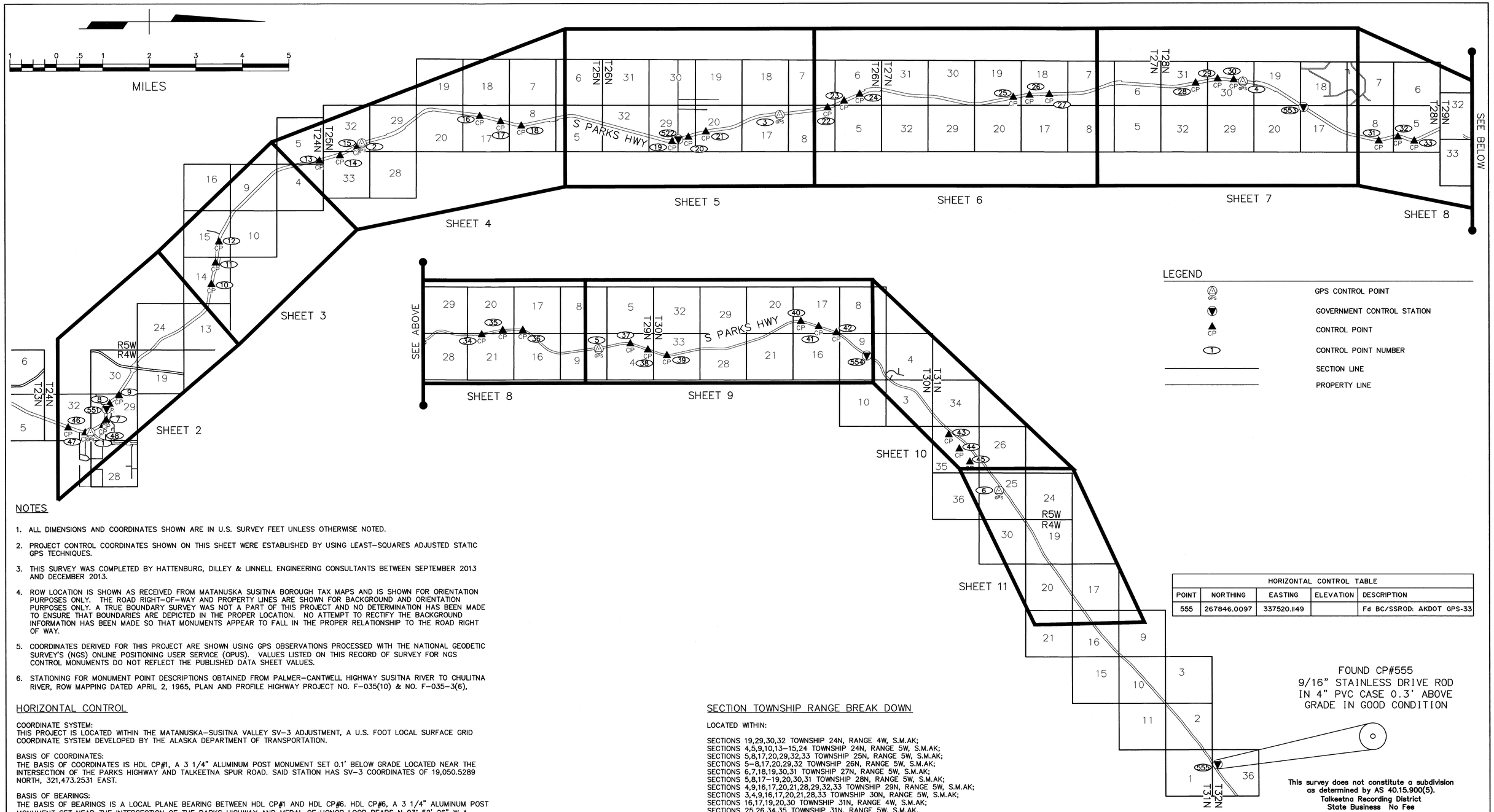


HORIZONTAL CONTROL TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
555	267846.0097	337520.1149		Fd BC/SSROD: AKDOT GPS-33

NOTES

1. ALL DIMENSIONS AND COORDINATES SHOWN ARE IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
2. PROJECT CONTROL COORDINATES SHOWN ON THIS SHEET WERE ESTABLISHED BY USING LEAST-SQUARES ADJUSTED STATIC GPS TECHNIQUES.
3. THIS SURVEY WAS COMPLETED BY HATTENBURG, DILLEY & LINNELL ENGINEERING CONSULTANTS BETWEEN SEPTEMBER 2013 AND DECEMBER 2013.
4. ROW LOCATION IS SHOWN AS RECEIVED FROM MATANUSKA SUSITNA BOROUGH TAX MAPS AND IS SHOWN FOR ORIENTATION PURPOSES ONLY. THE ROAD RIGHT-OF-WAY AND PROPERTY LINES ARE SHOWN FOR BACKGROUND AND ORIENTATION PURPOSES ONLY. A TRUE BOUNDARY SURVEY WAS NOT A PART OF THIS PROJECT AND NO DETERMINATION HAS BEEN MADE TO ENSURE THAT BOUNDARIES ARE DEPICTED IN THE PROPER LOCATION. NO ATTEMPT TO RECTIFY THE BACKGROUND INFORMATION HAS BEEN MADE SO THAT MONUMENTS APPEAR TO FALL IN THE PROPER RELATIONSHIP TO THE ROAD RIGHT OF WAY.
5. COORDINATES DERIVED FOR THIS PROJECT ARE SHOWN USING GPS OBSERVATIONS PROCESSED WITH THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE (OPUS). VALUES LISTED ON THIS RECORD OF SURVEY FOR NGS CONTROL MONUMENTS DO NOT REFLECT THE PUBLISHED DATA SHEET VALUES.
6. STATIONING FOR MONUMENT POINT DESCRIPTIONS OBTAINED FROM PALMER-CANTWELL HIGHWAY SUSITNA RIVER TO CHULITNA RIVER, ROW MAPPING DATED APRIL 2, 1965, PLAN AND PROFILE HIGHWAY PROJECT NO. F-035(10) & NO. F-035-3(6),

HORIZONTAL CONTROL

COORDINATE SYSTEM:
THIS PROJECT IS LOCATED WITHIN THE MATANUSKA-SUSITNA VALLEY SV-3 ADJUSTMENT, A U.S. FOOT LOCAL SURFACE GRID COORDINATE SYSTEM DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION.

BASIS OF COORDINATES:
THE BASIS OF COORDINATES IS HDL CP#1, A 3 1/4" ALUMINUM POST MONUMENT SET 0.1' BELOW GRADE LOCATED NEAR THE INTERSECTION OF THE PARKS HIGHWAY AND TALKEETNA SPUR ROAD. SAID STATION HAS SV-3 COORDINATES OF 19,050.5289 NORTH, 321,473.2531 EAST.

BASIS OF BEARINGS:
THE BASIS OF BEARINGS IS A LOCAL PLANE BEARING BETWEEN HDL CP#1 AND HDL CP#6. HDL CP#6, A 3 1/4" ALUMINUM POST MONUMENT SET NEAR THE INTERSECTION OF THE PARKS HIGHWAY AND MEDAL OF HONOR LOOP BEARS N 03° 52' 26" W A DISTANCE OF 224,586.44 U.S. FEET FROM HDL CP#1. HDL CP#6 HAS SV-3 COORDINATES OF 243123.7935 NORTH, 306299.5410 EAST.

TRANSLATION PARAMETERS:
TO CONVERT THE LOCAL COORDINATES TO NAD83 (2011) STATE PLANE U.S. FOOT COORDINATES, TRANSLATE USING +2953136.3570 NORTH, +1312532.0429 EAST, AND SCALE USING 0.9998751356.

VERTICAL CONTROL

ELEVATIONS ARE LISTED IN NAVD88, GEOID12A, ORTHOMETRIC HEIGHTS AS DERIVED FROM HIGH PRECISION POST PROCESSED VALUES USING THE NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SERVICE (OPUS). VALUES WERE DETERMINED BY HOLDING THE OPUS SOLUTION FOR THE CENTER MONUMENT OF EACH CONTROL SET AND RUNNING LEVELS BETWEEN THE INDIVIDUAL MONUMENTS OF EACH SET, LEVELS WERE NOT RUN BETWEEN ADJOINING CONTROL SETS ALONG THE PROJECT CORRIDOR. LEVELS WERE ALSO RUN TO PRIMARY CONTROL POINTS ONE THROUGH SIX OF THE CONTROL NETWORK. THESE LEVELS WERE COMPLETED BY COMPLETING TIES TO THE NEAREST SET OF PROJECT CONTROL POINTS. ALL ELEVATIONS SHOULD BE FIELD VERIFIED PRIOR TO USE.

Talkeetna 2014-10

SECTION TOWNSHIP RANGE BREAK DOWN

LOCATED WITHIN:

SECTIONS 19,29,30,32 TOWNSHIP 24N, RANGE 4W, S.M.AK;
SECTIONS 4,5,9,10,13-15,24 TOWNSHIP 24N, RANGE 5W, S.M.AK;
SECTIONS 5,8,17,20,29,32,33 TOWNSHIP 25N, RANGE 5W, S.M.AK;
SECTIONS 5-8,17,20,29,32 TOWNSHIP 26N, RANGE 5W, S.M.AK;
SECTIONS 6,7,18,19,30,31 TOWNSHIP 27N, RANGE 5W, S.M.AK;
SECTIONS 5,8,17-19,20,30,31 TOWNSHIP 28N, RANGE 5W, S.M.AK;
SECTIONS 4,9,16,17,20,21,28,29,32,33 TOWNSHIP 29N, RANGE 5W, S.M.AK;
SECTIONS 3,4,9,16,17,20,21,28,33 TOWNSHIP 30N, RANGE 5W, S.M.AK;
SECTIONS 16,17,19,20,30 TOWNSHIP 31N, RANGE 4W, S.M.AK;
SECTIONS 25,26,34,35 TOWNSHIP 31N, RANGE 5W, S.M.AK.

SURVEYOR'S CERTIFICATE

I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing 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.

7/7/14

Bradford J. Rinckey LS-11299 Date

This survey does not constitute a subdivision as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA 49th BRADFORD J. RINCKEY No. 11299 REGISTERED PROFESSIONAL LAND SURVEYOR 7-7-14

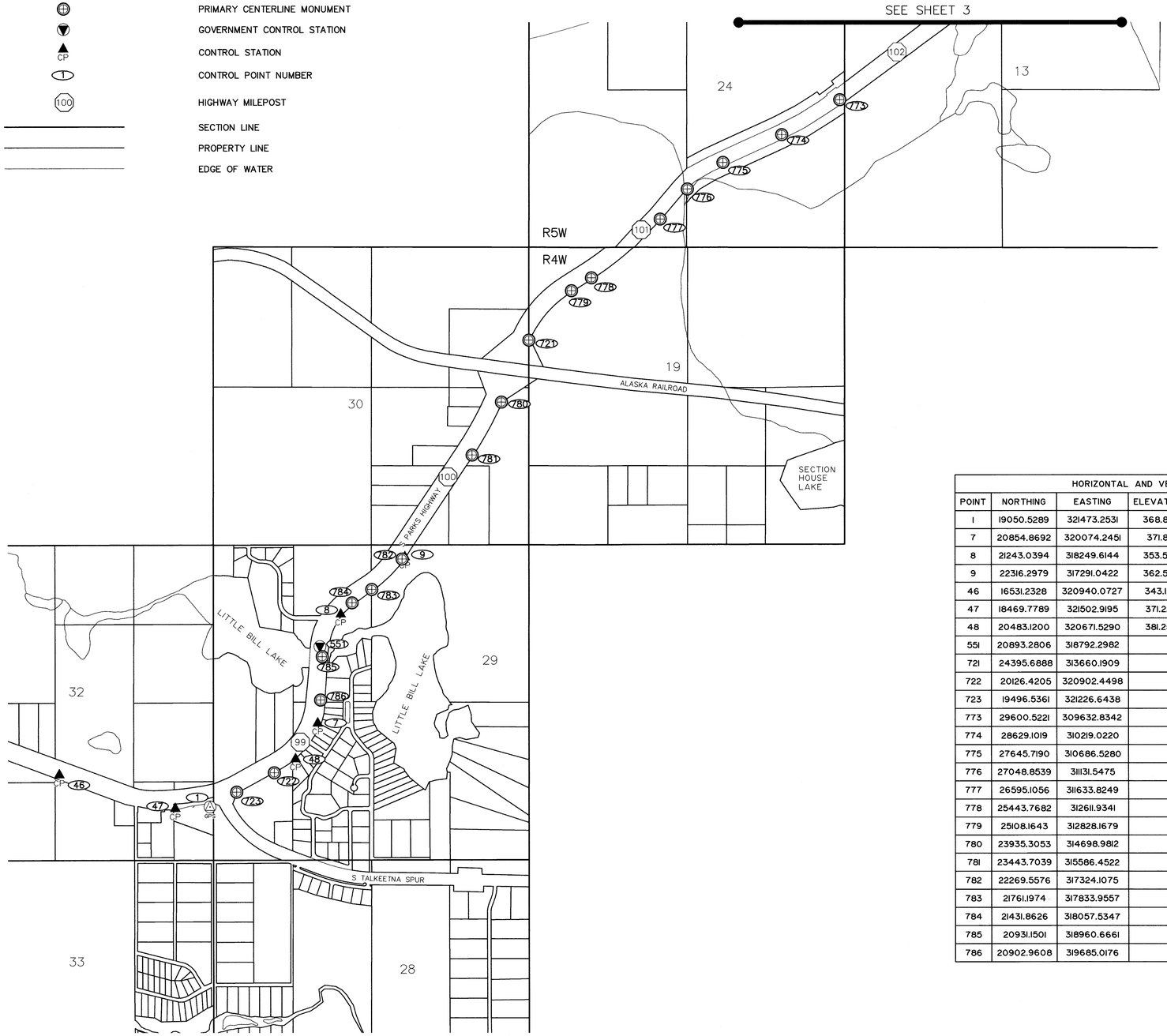
HATTENBERG, DILLEY & LINNELL ENGINEERING, LLC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Townships 24N-32N, Range 4W-5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1 Mile
CHECKED	BJR	DATE	07/07/2014	SHEET	1 OF 11

LEGEND

- GPS CONTROL POINT
- PRIMARY CENTERLINE MONUMENT
- GOVERNMENT CONTROL STATION
- CONTROL STATION
- CONTROL POINT NUMBER
- HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER



1000 0 500 1000 2000 3000 4000 5000

U.S. SURVEY FEET

AK DOT
LS 11299
2013

SET CP#7
2" ALUMINUM CAP ON 5/8" X 30" REBAR 0.25' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#8
2" ALUMINUM CAP ON 5/8" X 30" REBAR 0.5' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#9
2" ALUMINUM CAP ON 5/8" X 30" REBAR 0.35' BELOW GRADE

AK DOT
LS 11299
2013

FOUND CP#46
2" ALUMINUM CAP ON 5/8" X 30" REBAR 0.25' BELOW GRADE IN GOOD CONDITION

AK DOT
LS 11299
2013

FOUND CP#47
2" ALUMINUM CAP ON 5/8" X 30" REBAR 0.35' BELOW GRADE IN GOOD CONDITION

AK DOT
LS 11299
2013

FOUND CP#48
2" ALUMINUM CAP ON 5/8" X 30" REBAR 0.3' BELOW GRADE IN GOOD CONDITION

AK DOT
CP1
LS 11299
2013

SET CP#1
3 1/4" ALUMINUM CAP POST MONUMENT 0.1' BELOW GRADE

U.S. COAST & GEODETIC SURVEY
BENCH MARK
W 105
1965
FOUND CP#551
3 1/2" BRASS CAP IN ORANGE BURG PIPE 0.7' ABOVE GRADE IN GOOD CONDITION

DEPT. OF HIGHWAYS
CENTERLINE MON.

FOUND TYPICAL ALASKA DEPARTMENT OF HIGHWAYS CENTERLINE 2 1/2" BRASS CAP IN CASE

HORIZONTAL AND VERTICAL CONTROL TABLE

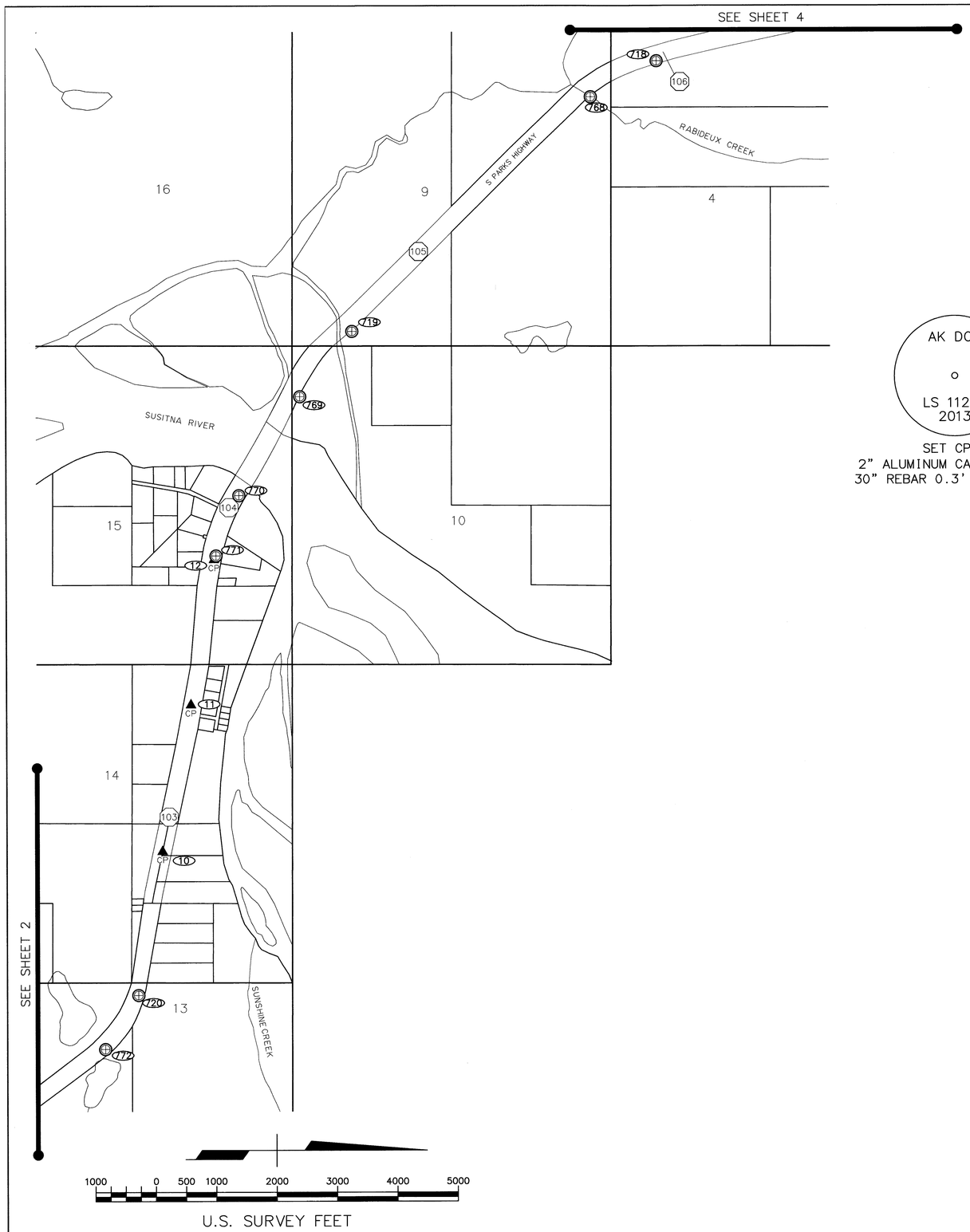
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	19050.5289	321473.2531	368.85	Set AM: CP-1
7	20854.8692	320074.2451	371.81	Set Rbr/AC: CP-7
8	21243.0394	318249.6144	353.58	Set Rbr/AC: CP-8
9	22316.2979	317291.0422	362.56	Set Rbr/AC: CP-9
46	16531.2328	320940.0727	343.17	Fd Rbr/AC: CP-46
47	18469.7789	321502.9195	371.22	Fd Rbr/AC: CP-47
48	20483.1200	320671.5290	381.25	Fd Rbr/AC: CP-48
551	20893.2806	318792.2982		Fd BC(USC&GS): W105
721	24395.6888	313660.1909		Fd BC/Bx(DOH): PC 106+16.0 Parks Highway
722	20126.4205	320902.4498		Fd BC/Bx(DOH): PC 19+29.6 Parks Highway
723	19496.5361	321226.6438		Fd BC/Bx(DOH): PT 12+20.8 Parks Highway
773	29600.5221	309632.8342		Fd BC/Bx(DOH): PT 172+92.2 Parks Highway
774	28629.1019	310219.0220		Fd BC/Bx(DOH): PC 161+55.5 Parks Highway
775	27645.7190	310686.5280		Fd BC/Bx(DOH): PT 150+68.4 Parks Highway
776	27048.8539	311131.5475		Fd BC/Bx(DOH): PC 143+18.8 Parks Highway
777	26595.1056	311633.8249		Fd BC/Bx(DOH): PT 136+41.7 Parks Highway
778	25443.7682	312611.9341		Fd BC/Bx(DOH): PC 121+26.1 Parks Highway
779	25108.1643	312828.1679		Fd BC/Bx(DOH): PT 117+27.1 Parks Highway
780	23935.3053	314698.9812		Fd BC/Bx(DOH): PT 94+79.6 Parks Highway
781	23443.7039	315586.4522		Fd BC/Bx(DOH): PC 84+64.6 Parks Highway
782	22269.5576	317324.1075		Fd BC/Bx(DOH): PT 63+66.1 Parks Highway
783	21761.1974	317833.9557		Fd BC/Bx(DOH): PC 56+41.7 Parks Highway
784	21431.8626	318057.5347		Fd BC/Bx(DOH): PT 52+43.5 Parks Highway
785	20931.1501	318960.6661		Fd BC/Bx(DOH): PC 41+68.3 Parks Highway
786	20902.9608	319685.0176		Fd BC/Bx(DOH): PT 34+43.6 Parks Highway

This survey does not constitute a subdivision as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 19,29,30,32 Township 24N, Range 4W; Section 13,24 Township 24N, Range 5W, S.M. AK

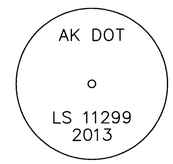
DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	2 OF 11

Talkeetna 2014-10

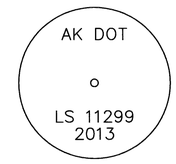


LEGEND

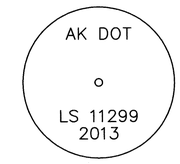
- PRIMARY CENTERLINE MONUMENT
- CP — CONTROL STATION
- 1 — CONTROL POINT NUMBER
- 100 — HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER



SET CP#10
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



SET CP#11
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



SET CP#12
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.4' BELOW GRADE

FOUND TYPICAL ALASKA
DEPARTMENT OF HIGHWAYS
CENTERLINE 2 1/2" BRASS CAP
IN CASE

HORIZONTAL AND VERTICAL CONTROL TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	32822.5106	304663.3455	358.52	Set Rbr/AC: CP-10
11	33299.0018	302229.2188	354.18	Set Rbr/AC: CP-11
12	33687.3958	299821.8660	355.21	Set Rbr/AC: CP-12
718	41032.5015	291560.2585		Fd BC/Bx(DOH): PT 397+89.7 Parks Highway
719	35980.2158	296037.6497		Fd BC/Bx(DOH): PT 329+86.9 Parks Highway
720	32419.0303	307042.3044		Fd BC/Bx(DOH): PT 211+98.6 Parks Highway
768	39941.4271	292156.5236		Fd BC/Bx(DOH): PC 385+30.4 Parks Highway
769	35114.1932	297119.5566		Fd BC/Bx(DOH): PC 315+98.6 Parks Highway
770	34102.8595	298755.8696		Fd BC/Bx(DOH): PT 296+74.3 Parks Highway
771	33719.7319	299758.2756		Fd BC/Bx(DOH): PC 285+95.1 Parks Highway
772	31866.6673	307936.8915		Fd BC/Bx(DOH): PC 201+21.5 Parks Highway

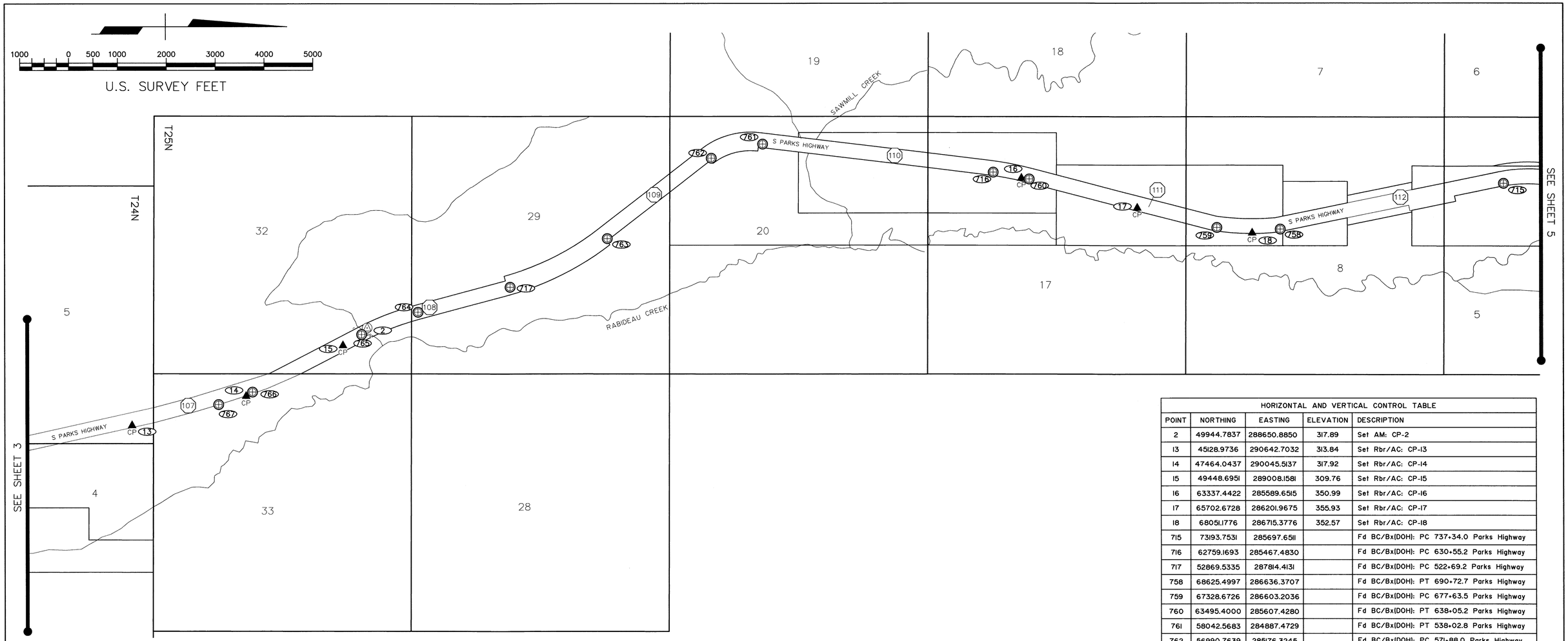
This survey does not constitute a subdivision as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation

Located Within Sections 4,9,10,13–15 Township 24N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	3 OF 11

Talkeetna 2014-10



HORIZONTAL AND VERTICAL CONTROL TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	49944.7837	288650.8850	317.89	Set AM: CP-2
13	45128.9736	290642.7032	313.84	Set Rbr/AC: CP-13
14	47464.0437	290045.5137	317.92	Set Rbr/AC: CP-14
15	49448.6951	289008.1581	309.76	Set Rbr/AC: CP-15
16	63337.4422	285589.6515	350.99	Set Rbr/AC: CP-16
17	65702.6728	286201.9675	355.93	Set Rbr/AC: CP-17
18	68051.1776	286715.3776	352.57	Set Rbr/AC: CP-18
715	73193.7531	285697.6511		Fd BC/Bx(DOH): PC 737+34.0 Parks Highway
716	62759.1693	285467.4830		Fd BC/Bx(DOH): PC 630+55.2 Parks Highway
717	52869.5335	287814.4131		Fd BC/Bx(DOH): PC 522+69.2 Parks Highway
758	68625.4997	286636.3707		Fd BC/Bx(DOH): PT 690+72.7 Parks Highway
759	67328.6726	286603.2036		Fd BC/Bx(DOH): PC 677+63.5 Parks Highway
760	63495.4000	285607.4280		Fd BC/Bx(DOH): PT 638+05.2 Parks Highway
761	58042.5683	284887.4729		Fd BC/Bx(DOH): PT 538+02.8 Parks Highway
762	56990.7639	285176.3245		Fd BC/Bx(DOH): PC 571+88.0 Parks Highway
763	54860.5943	286822.2690		Fd BC/Bx(DOH): PT 545+02.0 Parks Highway
764	50985.7740	288328.7899		Fd BC/Bx(DOH): PT 503+15.9 Parks Highway
765	49829.6877	288784.7350		Fd BC/Bx(DOH): PC 490+72.6 Parks Highway
766	47593.8840	289958.9975		Fd BC/Bx(DOH): PT 465+47.8 Parks Highway
767	46900.9684	290215.2160		Fd BC/Bx(DOH): PC 458+07.0 Parks Highway

LEGEND

- GPS — GPS CONTROL POINT
- PRIMARY CENTERLINE MONUMENT
- CP — CONTROL STATION
- 1 — CONTROL POINT NUMBER
- 100 — HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER

AK DOT
CP2
LS 11299
2013

SET CP#2
3 1/4" ALUMINUM CAP POST
MONUMENT 0.1' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#13
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#14
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#15
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#16
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#17
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

AK DOT
LS 11299
2013

SET CP#18
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

DEPT. OF HIGHWAYS
CENTERLINE MON.

FOUND TYPICAL ALASKA
DEPARTMENT OF HIGHWAYS
CENTERLINE 2 1/2" BRASS CAP
IN CASE

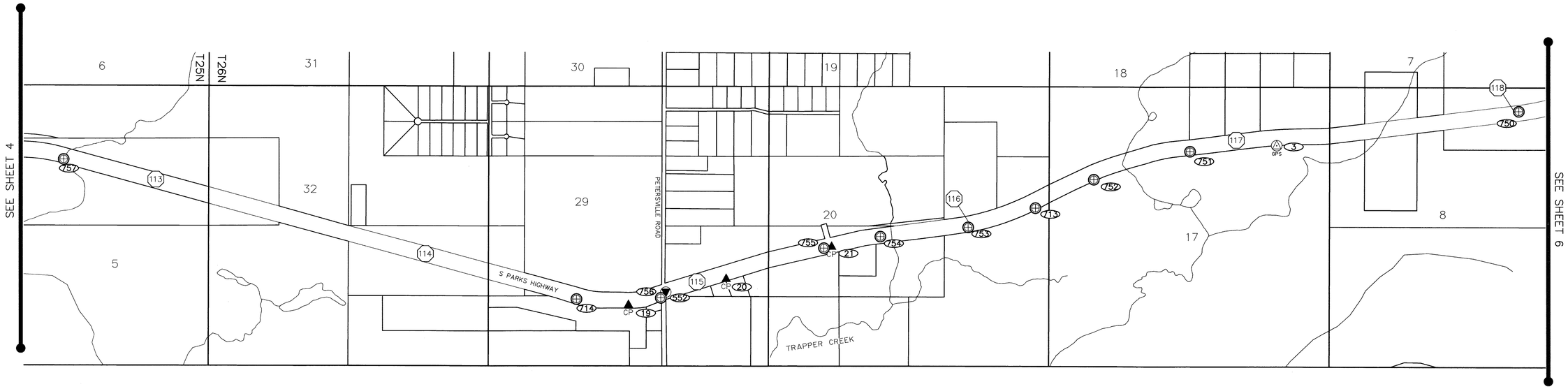
This survey does not constitute a subdivision as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation

Located Within Section 4,5 Township 24N, Range 5W;
Section 5,8,17,20,29,32,33 Township 25N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	4 OF 11

Talkeetna 2014-10



SET CP#3
3 1/4" ALUMINUM CAP POST
MONUMENT 0.1' BELOW GRADE

SET CP#19
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.4' BELOW GRADE

SET CP#20
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

SET CP#21
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

FOUND CP#552
3 1/2" BRASS CAP IN 4" PVC
CASE 0.1' ABOVE GRADE IN
GOOD CONDITION

FOUND TYPICAL ALASKA
DEPARTMENT OF HIGHWAYS
CENTERLINE 2 1/2" BRASS CAP
IN CASE

LEGEND

- GPS CONTROL POINT
- PRIMARY CENTERLINE MONUMENT
- GOVERNMENT CONTROL STATION
- CONTROL STATION
- CONTROL POINT NUMBER
- HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER

1000 0 500 1000 2000 3000 4000 5000

U.S. SURVEY FEET

HORIZONTAL AND VERTICAL CONTROL TABLE

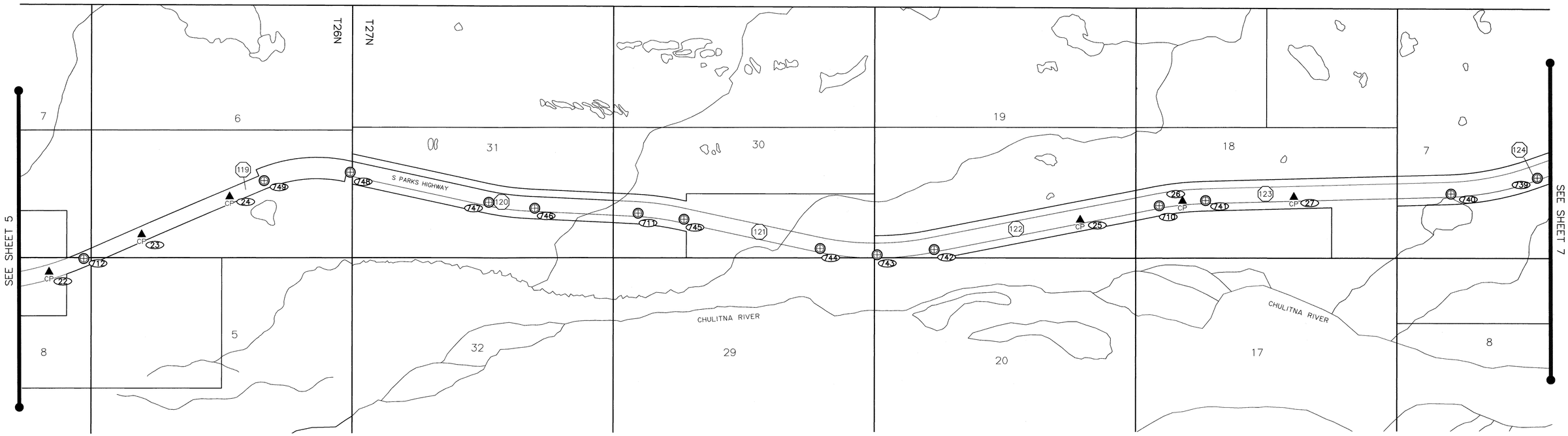
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	97384.0745	285481.3077	424.54	Set AM: CP-3
19	85170.8852	288493.1557	375.49	Set Rbr/AC: CP-19
20	87012.8486	288003.5458	381.38	Set Rbr/AC: CP-20
21	89000.7177	287399.5457	386.64	Set Rbr/AC: CP-21
552	85875.0061	288249.3252		Fd BC: AKDOT GPS-10 1988
713	92840.1912	286664.9569		Fd BC/Bx(DOH): PT 939+92.3 Parks Highway
714	84190.5920	288380.0641		Fd BC/Bx(DOH): PC 850+96.9 Parks Highway
750	101944.2054	284834.5462		Fd BC/Bx(DOH): PC 1033+47.1 Parks Highway
751	95750.8137	285594.3384		Fd BC/Bx(DOH): PT 971+09.7 Parks Highway
752	93940.0479	286129.8128		Fd BC/Bx(DOH): PC 952+14.7 Parks Highway
753	91572.8068	287028.4264		Fd BC/Bx(DOH): PC 926+69.0 Parks Highway
754	89917.0539	287204.5009		Fd BC/Bx(DOH): PT 910+04.5 Parks Highway
755	88854.9482	287421.7621		Fd BC/Bx(DOH): PC 889+19.5 Parks Highway
756	85779.7815	288357.2872		Fd BC/Bx(DOH): PT 867+06.1 Parks Highway
757	74525.2866	285740.3091		Fd BC/Bx(DOH): PT 750+79.0 Parks Highway

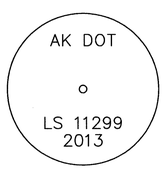
Talkeetna 2014-10

This survey does not constitute a subdivision
as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

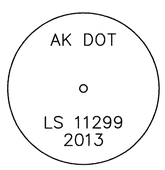
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 5 Township 25N, Range 5W;
Section 8,17,20,29,32 Township 26N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	5 OF 11

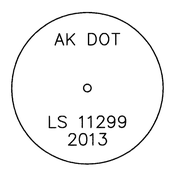




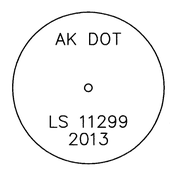
SET CP#22
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.45' BELOW GRADE



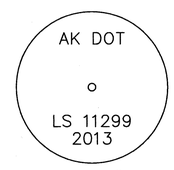
SET CP#23
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



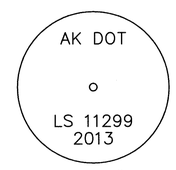
SET CP#24
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.25' BELOW GRADE



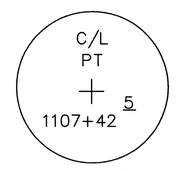
SET CP#25
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE



SET CP#26
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE



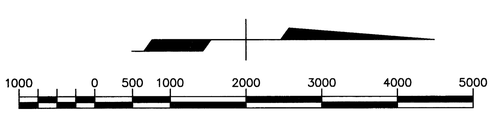
SET CP#27
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.4' BELOW GRADE



FOUND CP#748
2" BRASS CAP IN CASE 0.4'
BELOW GRADE IN GOOD
CONDITION

LEGEND

- PRIMARY CENTERLINE MONUMENT
- CP — CONTROL STATION
- 1 — CONTROL POINT NUMBER
- 100 — HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER



U.S. SURVEY FEET

HORIZONTAL AND VERTICAL CONTROL TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
22	102812.3566	284681.5606	439.82	Set Rbr/AC: CP-22
23	104687.1284	283927.6969	464.52	Set Rbr/AC: CP-23
24	106467.1934	283160.8196	491.28	Set Rbr/AC: CP-24
25	123662.9871	283654.7046	576.28	Set Rbr/AC: CP-25
26	125730.8074	283273.1976	585.92	Set Rbr/AC: CP-26
27	127980.0609	283194.4454	577.00	Set Rbr/AC: CP-27
710	125259.4490	283365.4161		Fd BC/Bx(DOH): PC 1273+47.0 Parks Highway
711	114726.4307	283507.4840		Fd BC/Bx(DOH): PC 1166+38.6 Parks Highway
712	103514.5681	284409.8922		Fd BC/Bx(DOH): PT 1049+78.8 Parks Highway
739	132900.1104	282811.0759		Fd BC/Bx(DOH): PT 1350+35.1 Parks Highway
740	131155.3013	283132.6294		Fd BC/Bx(DOH): PC 1332+53.5 Parks Highway
741	126195.6643	283261.7631		Fd BC/Bx(DOH): PT 1282+90.3 Parks Highway
742	120709.4834	284249.9012		Fd BC/Bx(DOH): PT 1227+10.8 Parks Highway
743	119556.5350	284354.7184		Fd BC/Bx(DOH): POC 1215+50.8 Parks Highway
744	118405.8888	284225.6725		Fd BC/Bx(DOH): PC 1203+90.8 Parks Highway
745	115653.9208	283630.1951		Fd BC/Bx(DOH): PT 1175+75.3 Parks Highway
746	112636.9742	283402.3194		Fd BC/Bx(DOH): PT 1145+47.2 Parks Highway
747	111707.8570	283278.8449		Fd BC/Bx(DOH): PC 1136+08.9 Parks Highway
748	108906.4790	282669.7134		Fd BC/Bx(DOH): PT 1107+42.5 Parks Highway
749	107164.8580	282837.9270		Fd BC/Bx(DOH): PC 1089+65.0 Parks Highway

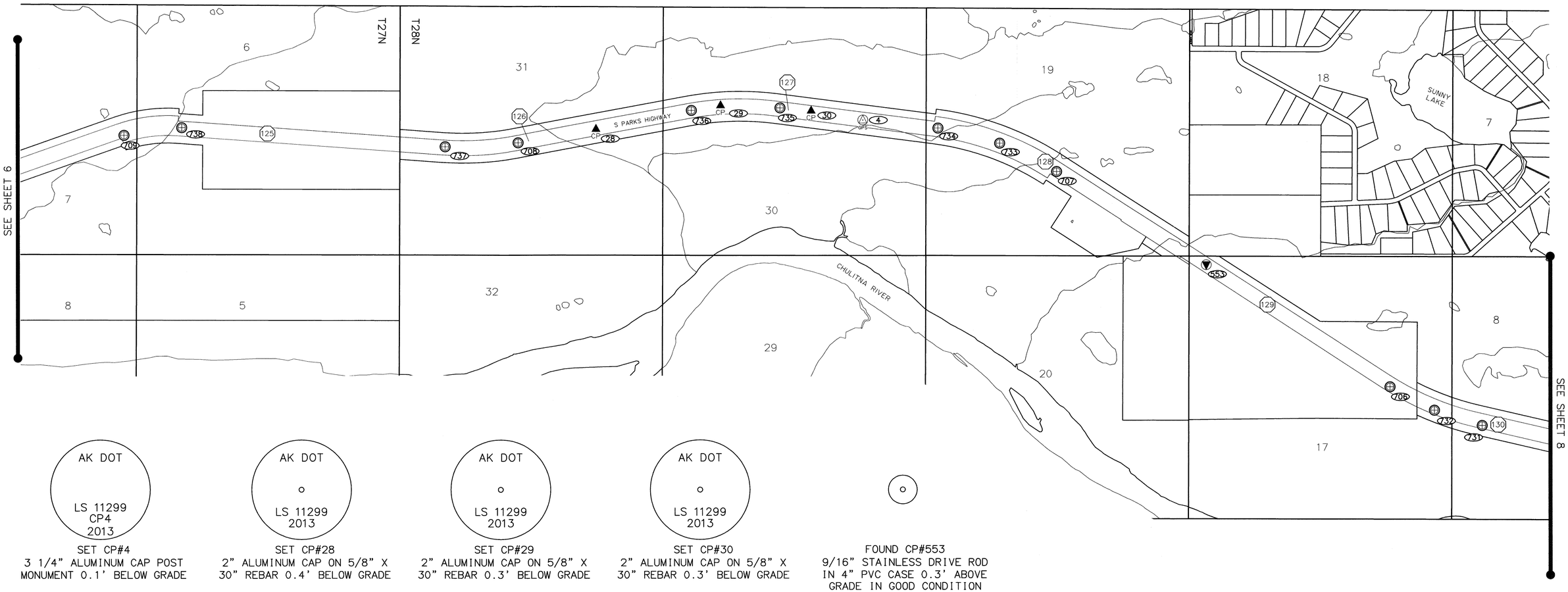
FOUND TYPICAL ALASKA
DEPARTMENT OF HIGHWAYS
CENTERLINE 2 1/2" BRASS CAP
IN CASE

Talkeetna 2014-10

This survey does not constitute a subdivision as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 5–8 Township 26N, Range 5W;
Section 7,18,19,30,31 Township 27N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	6 OF 11



SET CP#4
3 1/4" ALUMINUM CAP POST
MONUMENT 0.1' BELOW GRADE

SET CP#28
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.4' BELOW GRADE

SET CP#29
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

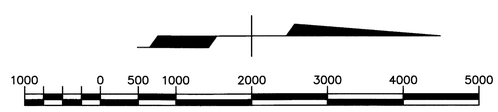
SET CP#30
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

FOUND CP#553
9/16" STAINLESS DRIVE ROD
IN 4" PVC CASE 0.3' ABOVE
GRADE IN GOOD CONDITION

LEGEND

- GPS CONTROL POINT
- PRIMARY CENTERLINE MONUMENT
- GOVERNMENT CONTROL STATION
- CONTROL STATION
- CONTROL POINT NUMBER
- HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER

FOUND TYPICAL ALASKA
DEPARTMENT OF HIGHWAYS
CENTERLINE 2 1/2" BRASS CAP
IN CASE



U.S. SURVEY FEET

HORIZONTAL AND VERTICAL CONTROL TABLE

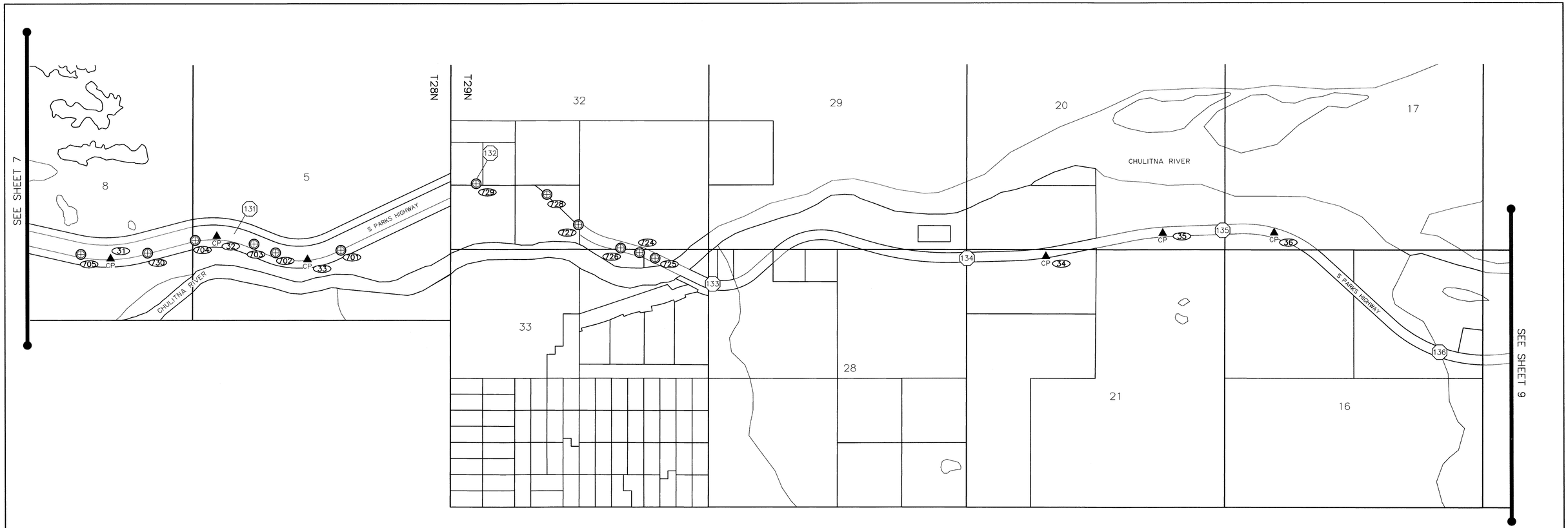
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
4	149919.7202	281738.0467	666.00	Set AM: CP-4
28	144564.7967	281920.5707	648.39	Set Rbr/AC: CP-28
29	147065.0148	281444.4894	695.72	Set Rbr/AC: CP-29
30	148883.5626	281552.6177	672.88	Set Rbr/AC: CP-30
553	156803.0546	284645.2521		Fd SSROD: AKDOT GPS 34
706	160487.1875	287099.0330		Fd BC/Bx(DOH): PC 1643+56.7 Parks Highway
707	153804.9249	282774.3882		Fd BC/Bx(DOH): PT 1563+99.8 Parks Highway
708	143001.3240	282190.8621		Fd BC/Bx(DOH): PT 1453+07.2 Parks Highway
709	135090.8517	282041.8979		Fd BC/Bx(DOH): PC 1373+57.3 Parks Highway
731	162334.2550	287877.1633		Fd BC/Bx(DOH): PT 1663+71.7 Parks Highway
732	161376.5396	287569.6625		Fd BC/Bx(DOH): POC 1654+00.0 Parks Highway
733	152663.7093	282204.5761		Fd BC/Bx(DOH): POC 1551+03.9 Parks Highway
734	151424.6584	281901.5593		Fd BC/Bx(DOH): PC 1538+25.5 Parks Highway
735	148257.1935	281492.4632		Fd BC/Bx(DOH): PT 1506+31.1 Parks Highway
736	146478.4902	281542.4588		Fd BC/Bx(DOH): PC 1488.44.5 Parks Highway
737	141537.4993	282272.1778		Fd BC/Bx(DOH): PC 1438+37.2 Parks Highway
738	136248.6721	281887.8035		Fd BC/Bx(DOH): PT 1385+34.0 Parks Highway

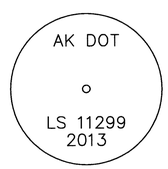
This survey does not constitute a subdivision
as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 6,7 Township 27N, Range 5W;
Section 8,17–19,20,30,31 Township 28N, Range 5W, S.M. AK

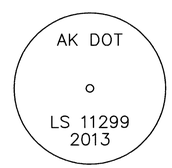
DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	7 OF 11

Talkeetna 2014-10

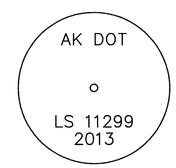




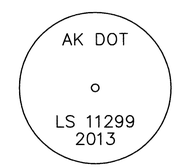
SET CP#31
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



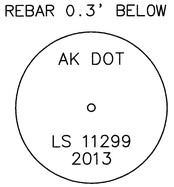
SET CP#32
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE



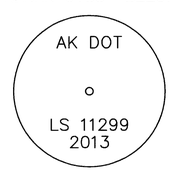
SET CP#33
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



SET CP#34
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE



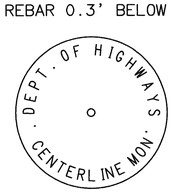
SET CP#35
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



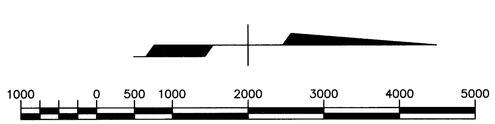
SET CP#36
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

LEGEND

- PRIMARY CENTERLINE MONUMENT
- CP — CONTROL STATION
- 1 — CONTROL POINT NUMBER
- 100 — HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER



FOUND TYPICAL ALASKA
DEPARTMENT OF HIGHWAYS
CENTERLINE 2 1/2" BRASS CAP
IN CASE



U.S. SURVEY FEET

Talkeetna 2014-10

HORIZONTAL AND VERTICAL CONTROL TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
31	165323.4703	288507.6413	700.95	Set Rbr/AC: CP-31
32	167497.7973	288050.7790	705.32	Set Rbr/AC: CP-32
33	169354.5747	288527.1863	704.75	Set Rbr/AC: CP-33
34	184464.6509	288484.3735	664.11	Set Rbr/AC: CP-34
35	186852.4182	288008.9370	655.66	Set Rbr/AC: CP-35
36	189131.0751	288003.4163	701.30	Set Rbr/AC: CP-36
701	170037.8801	288338.6349		Fd BC/Bx(DOH): PT 1742+91.7 Parks Highway
702	168700.3269	288387.9551		Fd BC/Bx(DOH): PC 1729+18.7 Parks Highway
703	168259.5947	288209.8237		Fd BC/Bx(DOH): PT 1724+37.3 Parks Highway
704	167055.0160	288133.5880		Fd BC/Bx(DOH): PC 1712+09.0 Parks Highway
705	164714.6216	288416.1872		Fd BC/Bx(DOH): PC 1688+12.5 Parks Highway
724	176148.5204	288394.4938		Fd BC/Bx(DOH): PC 1812+54.3 Parks Highway
725	176467.0484	288508.8367		Fd BC/Bx(DOH): PT 1815+98.8 Parks Highway
726	175764.0586	288300.1329		Fd BC/Bx(DOH): PT 1808+59.0 Parks Highway
727	174898.4743	287823.0297		Fd BC/Bx(DOH): PC 1798+87.7 Parks Highway
728	174256.8912	287199.2855		Fd BC/Bx(DOH): PT 1789+45.0 Parks Highway
729	172809.2172	286973.0521		Fd BC/Bx(DOH): PC 1773+82.8 Parks Highway
730	166080.0169	288391.5426		Fd BC/Bx(DOH): PT 1702+00.5 Parks Highway

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as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

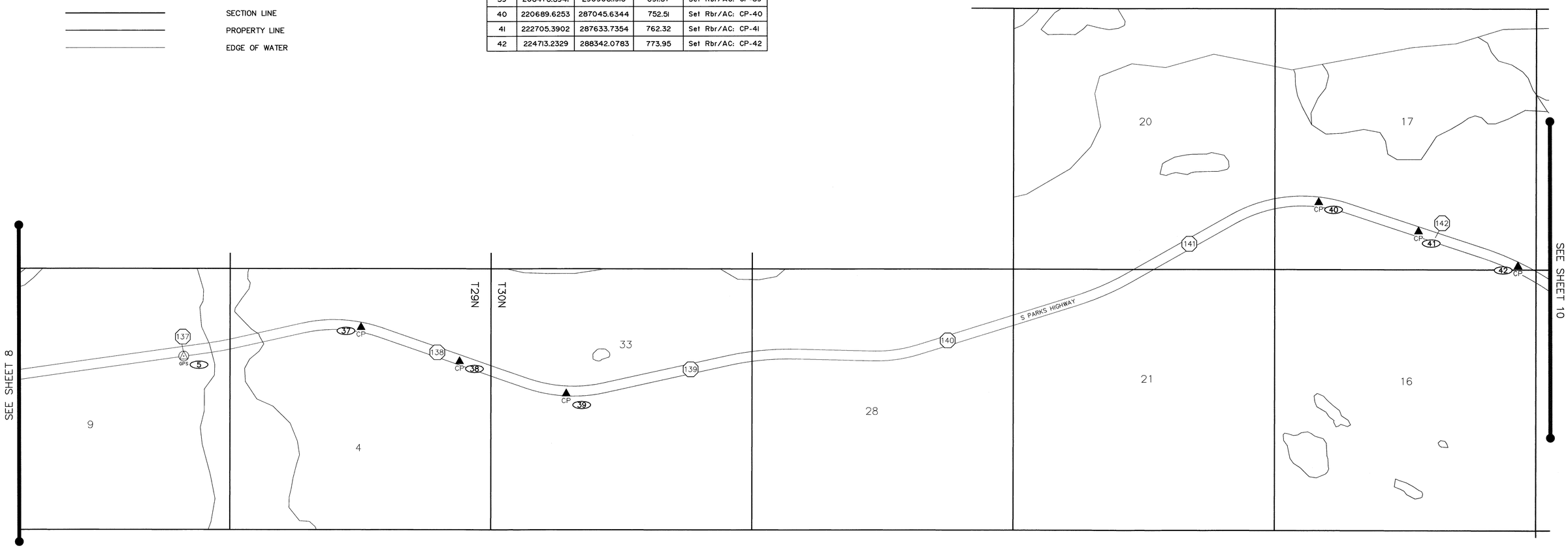
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 5,8 Township 28N, Range 5W; Sections 16,17,20,21,28,29,32,33 Township 29N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	8 OF 11

LEGEND

GPS	GPS CONTROL POINT
CP	CONTROL STATION
1	CONTROL POINT NUMBER
100	HIGHWAY MILEPOST
	SECTION LINE
	PROPERTY LINE
	EDGE OF WATER

HORIZONTAL AND VERTICAL CONTROL TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
5	197739.6222	290139.9441	575.83	Set AM: CP-5
37	201327.8669	289558.8020	639.99	Set Rbr/AC: CP-31
38	203318.7598	290253.7395	633.81	Set Rbr/AC: CP-38
39	205475.5941	290908.1915	691.37	Set Rbr/AC: CP-39
40	220689.6253	287045.6344	752.51	Set Rbr/AC: CP-40
41	222705.3902	287633.7354	762.32	Set Rbr/AC: CP-41
42	224713.2329	288342.0783	773.95	Set Rbr/AC: CP-42



AK DOT
LS 11299
2013

SET CP#37
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

SET CP#38
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

SET CP#39
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

SET CP#40
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

SET CP#41
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

SET CP#42
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE

AK DOT
LS 11299
CP5
2013

SET CP#5
3 1/4" ALUMINUM CAP POST
MONUMENT 0.15' BELOW GRADE

1000 0 500 1000 2000 3000 4000 5000
U.S. SURVEY FEET

Talkeetna 2014-10

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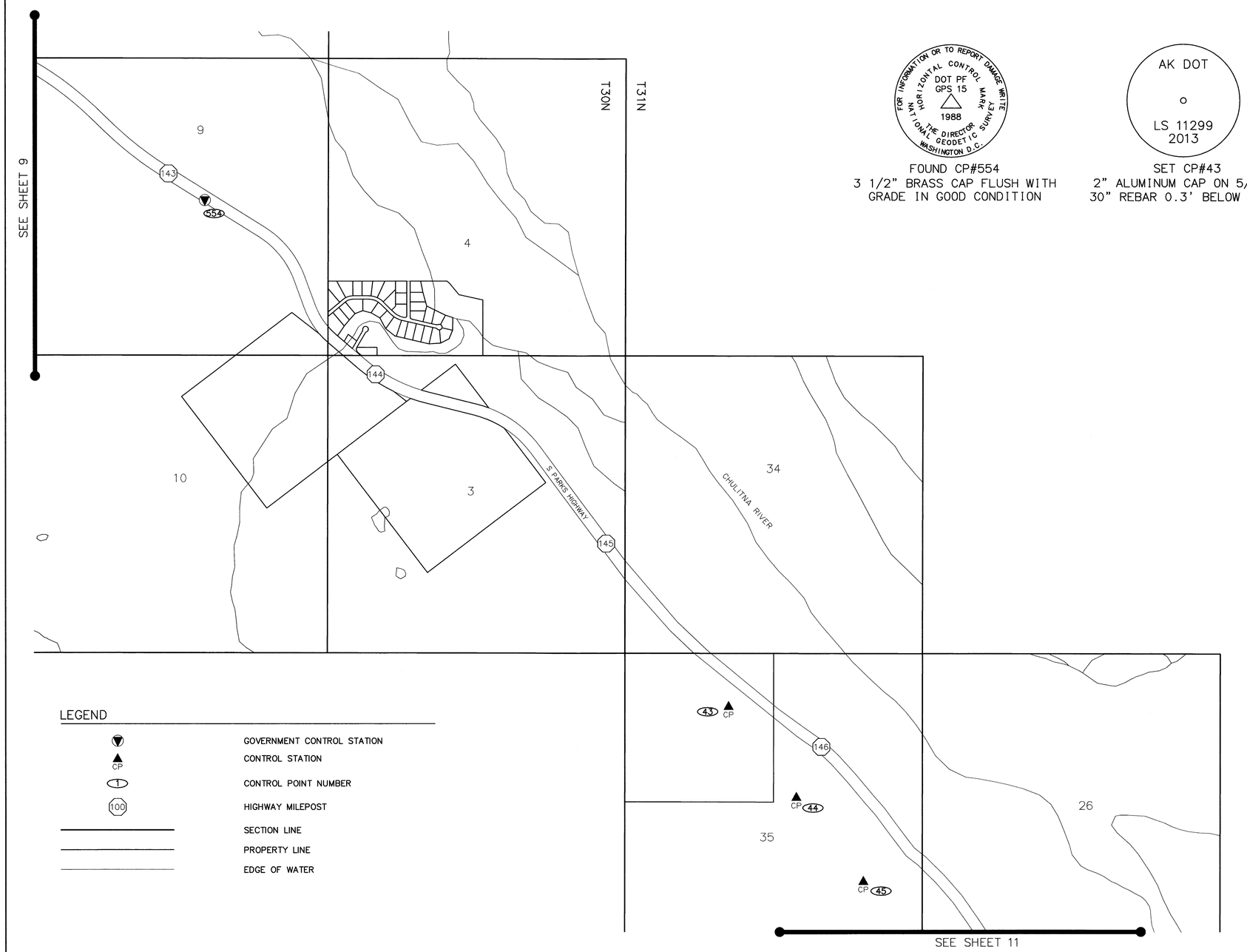
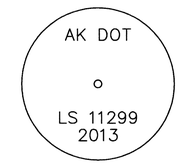
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 4,9 Township 29N, Range 5W; Sections 16,17,20,21,28,33 Township 30N, Range 5W, S.M. AK

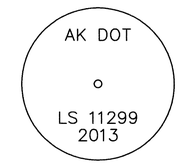
DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	9 OF 11



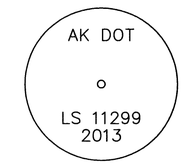
FOUND CP#554
3 1/2" BRASS CAP FLUSH WITH
GRADE IN GOOD CONDITION



SET CP#43
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



SET CP#44
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.3' BELOW GRADE



SET CP#45
2" ALUMINUM CAP ON 5/8" X
30" REBAR 0.35' BELOW GRADE

HORIZONTAL AND VERTICAL CONTROL TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
43	237442.3908	299942.7205	812.57	Set Rbr/AC: CP-43
44	238643.4928	301558.9314	835.65	Set Rbr/AC: CP-44
45	239829.0401	303048.5280	863.21	Set Rbr/AC: CP-45
554	228157.3560	290937.8747		Fd BC: AKDOT GPS-15 1988

NOTES

1. ERRORS MAY EXIST WITHIN THE MATANUSKA SUSITNA BOROUGH TAX MAPS SHOWN ON THIS SHEET FOR ORIENTATION PURPOSES. NO ATTEMPT HAS BEEN MADE TO RECTIFY ANY POSSIBLE ORIENTATION ERRORS IN THE BASE MAPPING. POINTS 43, 44, AND 45 HAVE ALL BEEN SET APPROXIMATELY 0.5 FEET SOUTH OF THE SOUTH EDGE OF ASPHALT OF THE PARKS HIGHWAY AS IT EXISTS ON THE DATE OF THIS SURVEY.

LEGEND

- GOVERNMENT CONTROL STATION
- CP — CONTROL STATION
- 1 — CONTROL POINT NUMBER
- 100 — HIGHWAY MILEPOST
- SECTION LINE
- PROPERTY LINE
- EDGE OF WATER

1000 0 500 1000 2000 3000 4000 5000

U.S. SURVEY FEET

Talkeetna 2014-10

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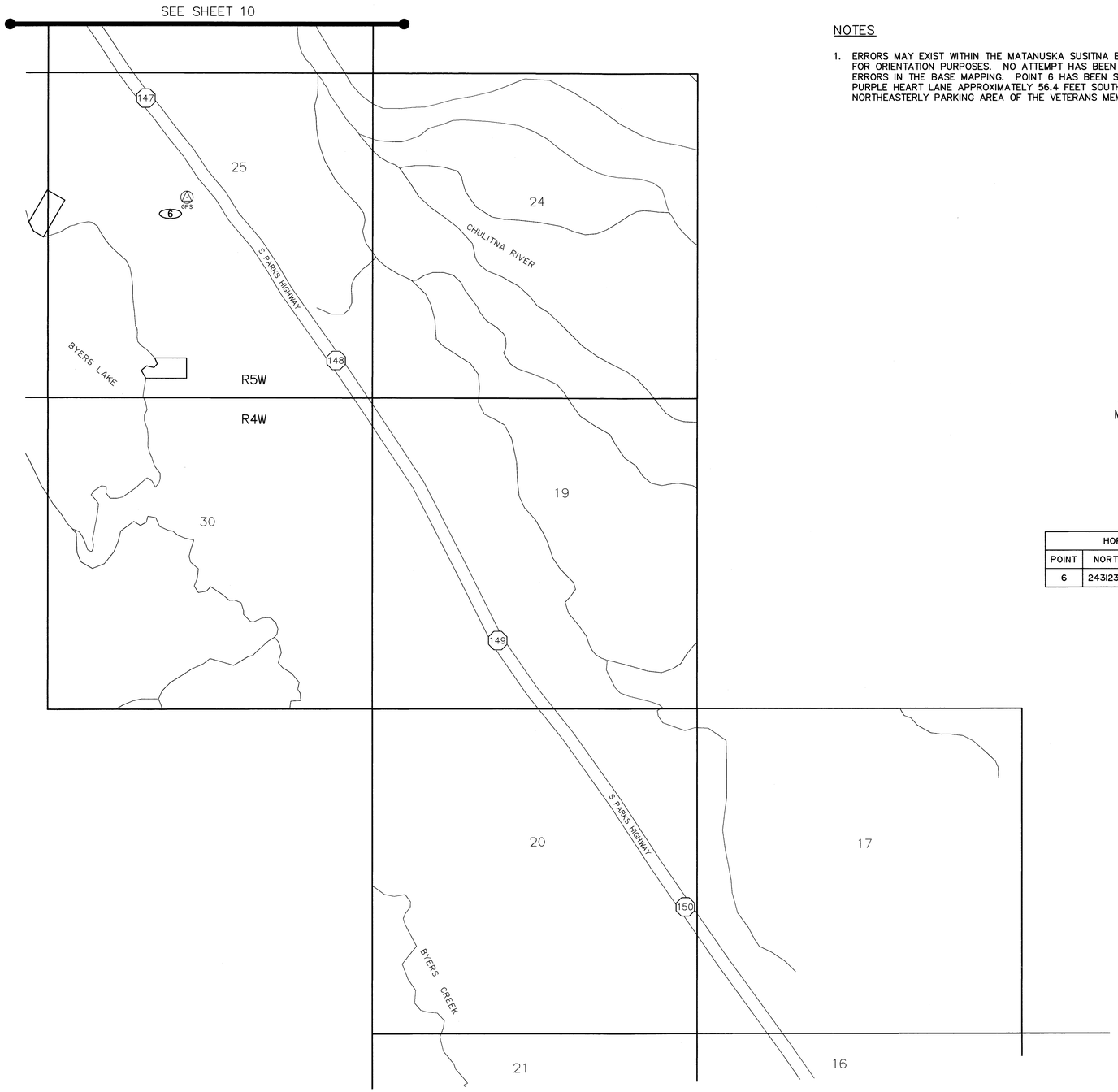
Talkeetna Recording District
State Business No Fee

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 3,4,9 Township 30N, Range 5W;
Section 26,34,35 Township 31N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	10 OF 11



1000 0 500 1000 2000 3000 4000 5000

U.S. SURVEY FEET

NOTES

1. ERRORS MAY EXIST WITHIN THE MATANUSKA SUSITNA BOROUGH TAX MAPS SHOWN ON THIS SHEET FOR ORIENTATION PURPOSES. NO ATTEMPT HAS BEEN MADE TO RECTIFY ANY POSSIBLE ORIENTATION ERRORS IN THE BASE MAPPING. POINT 6 HAS BEEN SET SOUTH OF THE PARKS HIGHWAY ALONG PURPLE HEART LANE APPROXIMATELY 56.4 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF THE NORTHEASTERLY PARKING AREA OF THE VETERANS MEMORIAL.

LEGEND

GPS	GPS CONTROL POINT
1	CONTROL POINT NUMBER
100	HIGHWAY MILEPOST
	SECTION LINE
	PROPERTY LINE
	EDGE OF WATER

AK DOT
LS 11299
CP6
2013

SET CP#6
3 1/4" ALUMINUM CAP POST
MONUMENT 0.1' BELOW GRADE

HORIZONTAL AND VERTICAL CONTROL TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6	243123.7935	306299.5410	858.17	Set AM: CP-6

This survey does not constitute a subdivision as determined by AS 40.15.900(5).
Talkeetna Recording District
State Business No Fee

2014-10
Plat # Talkeetna
Rec Dist
8-7- 20 14
Date
Time 3:32 PM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Diagram
RECORD OF SURVEY
AKSAS 56169
Parks Highway MP 99 to 146 Rehabilitation
Located Within Sections 16,17,19,20,30 Township 31N, Range 4W; Section 25,26 Township 31N, Range 5W, S.M. AK

DRAWN	PDR	DATE	07/07/2014	SCALE	1" = 1000'
CHECKED	BJR	DATE	07/07/2014	SHEET	11 OF 11