

HORIZONTAL CONTROL STATEMENT

Coordinate System:  
This project is located entirely within the Anchorage Bowl 2000 (2007) adjustment, a local surface grid coordinate system, expressed in U.S. Survey Feet, developed by the Alaska Department of Transportation.

Basis of Coordinates:  
The Basis of Coordinates is NGS Station "OMALLEY", located near the intersection of the New Seward Highway and O'Malley Road. Said station has Anchorage Bowl 2000 (2007) coordinates of 303,939.5421 N., 353,362.4241 E.

Basis of Bearings:  
The Basis of Bearings is a local plane bearing between NGS Station "OMALLEY" and NGS Station "LOOP 2 USE RM 3 1964". NGS Station "LOOP 2 USE RM 3 1964" bears N 01°43'26.4" E a distance of 49,488.4476 U.S. Survey Feet from NGS Station "OMALLEY". NGS Station "LOOP 2 USE RM 3 1964" has Anchorage Bowl 2000 (2007) coordinates of 353,405.5545 N., 354,851.2786 E.

Translation Parameters:  
To convert the local Bowl 2000 coordinates to NAD83 (2007) Alaska State Plane, Zone 4, coordinates, expressed in U.S. Survey Feet; translate using +2,296,868.6878' N., +1,312,517.4904' E., and scale using 0.9998910192.

VERTICAL CONTROL STATEMENT

The Vertical Datum is NGVD 1929 — 1967/1968 NGS Tentative Adjustment. Existing NGS/USC&GS and ADOT&PF Benchmark data was provided by ADOT&PF. Differential level loops were run between record Benchmarks to confirm record elevations. Differential leveling was also used to establish elevations on all other Benchmarks, Temporary Benchmarks and Control Points.

All level runs closed within third order specifications. Leica DNA10 digital levels and Leica Geomatics Office software were used to process and adjust elevations.

NOTES

- The field survey was performed by R&M Consultants, Inc. (R&M) between May 5, 2013 and November 1, 2013. Field survey information is located in R&M field books No. 1964.01 2 through 12.
- All dimensions and coordinates shown hereon are in U. S. Survey Feet.
- Horizontal control points were established using networked static GPS methods. The network was adjusted and transformed to the Anchorage Bowl 2000 coordinate system using a simultaneous least squares adjustment constrained to the record ADOT&PF coordinates for Survey Control Points No. 553 and 551.
- Section Lines shown hereon are approximate.
- All elevations on control points and benchmarks need to be field verified before use.

HORIZONTAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
1	60°56'07.10465"	149°09'29.83580"	238128.8375	477799.0142	27.58	Fd Rbr/PC[DOT]: CP 1
2	60°56'14.91258"	149°09'47.52947"	238910.4952	476914.6773	26.88	Fd Rbr/PC[DOT]: CP 2
4	60°56'23.70313"	149°10'17.02208"	239784.6155	475446.3092	26.52	Fd Rbr/PC[DOT]: CP 4
5	60°56'26.39531"	149°10'30.43891"	240049.6307	474780.0597	25.68	Fd Rbr/PC[DOT]: CP 5
6	60°56'31.98490"	149°10'48.26419"	240606.1752	473892.3876	24.14	Fd Rbr/PC[DOT]: CP 6
7	60°56'36.62812"	149°11'05.97749"	241066.7560	473011.5266	27.11	Fd Rbr/PC[DOT]: CP 7
8	60°56'41.81974"	149°11'27.30757"	241580.8836	471951.4022	29.83	Fd Rbr/PC[DOT]: CP 8
554	60°56'19.72586"	149°10'04.73227"	239388.4371	476058.5681	—	Fd BC/Rod[DOT]: GPS BDGL Reset

CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
701	60°55'29.02543"	149°08'36.53962"	234296.2360	480482.8126	—	Fd AM/Bx[7338]: Seward Highway PT 786+77.78
702	60°55'42.46037"	149°08'55.67219"	235648.1560	479519.4774	—	Fd AM/Bx[7338]: Seward Highway NCPI 803+38.23
704	60°56'05.54894"	149°09'28.03151"	237972.0092	477890.1912	—	Fd AM/Bx[7338]: Seward Highway PC 831+76.61
705	60°56'17.37413"	149°09'54.87107"	239155.8270	476548.7820	—	Fd AM/Bx[7338]: Seward Highway PT 849+82.48
706	60°56'25.03952"	149°10'23.75543"	239916.1179	475111.9614	—	Fd BC/Bx: SI & NCPI Seward Highway and Alyska Highway
709	60°55'58.06372"	149°09'17.53505"	237218.6039	478418.6108	—	Fd AM/Bx[7338]: Seward Highway POT 822+56.00
710	60°56'19.81441"	149°10'04.06683"	239397.8464	476091.3285	—	Fd BC/Bx: Seward Highway POT 855+00.00
716	60°56'31.60119"	149°10'48.48978"	240567.0717	473881.7316	—	Fd BC/Bx[DOT]: Seward Highway INX Maintenance Road
717	60°56'40.16695"	149°11'20.80436"	241417.0217	472274.6955	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 898+17.75

VERTICAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
601	60°56'19.942"	149°10'03.827"	239411	476103	30.45	Fd Bolt/Conc[MOA]: MOA BM GW—24
602	60°56'19.942"	149°10'03.887"	239411	476100	30.77	Fd BC/Conc[DOT]: TBM Glacier
603	60°56'24.304"	149°10'22.842"	239842	475158	24.92	Fd Scribed "X" N Lum Bolt: TBM—4
604	60°56'39.300"	149°11'16.042"	241332	472511	30.16	Fd BC/Conc[DOT]: BM Tidewater Reset
636	60°56'33.310"	149°10'07.739"	240745	475910	24.17	Fd BC[USC&GS]: BM R 72
637	60°56'39.919"	149°10'17.759"	241357	475398	70.93	Fd Bolt/Conc[MOA]: BM GW 3

SURVEYOR'S CERTIFICATE

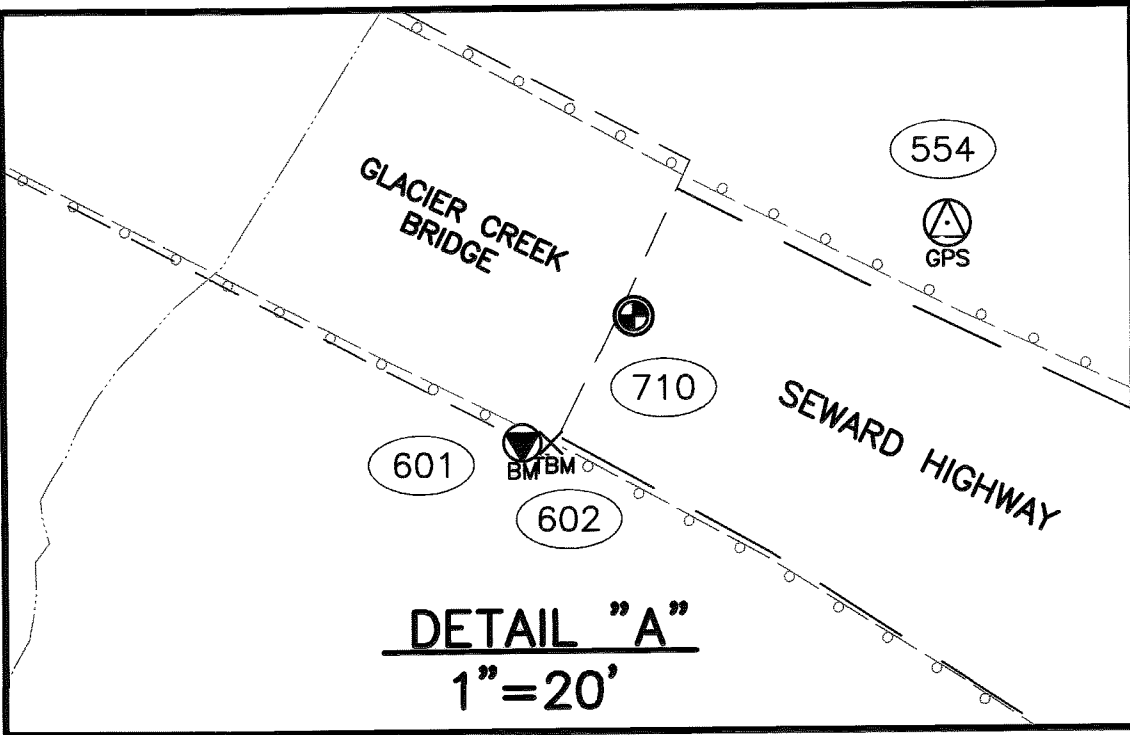
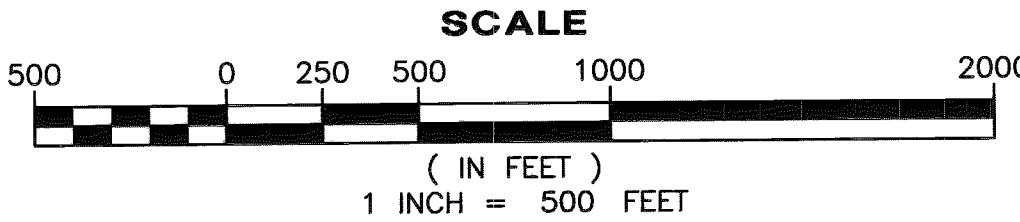
I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing represents a survey made by me or under my direct supervision, and that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct to the extent shown hereon.

James S. Robar LS-6095 4-15-2014 Date

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.

Robert M. Keiner LS-11547 4-16-2014 Date



LEGEND

- GPS Control Point
- Center Line Monument
- Survey Control Point
- Vertical Benchmark
- Temporary Benchmark
- Survey Point Number

Anchorage Recording District  
State Business — No Fee  
This survey does not constitute a subdivision as defined by AS 40.15.900

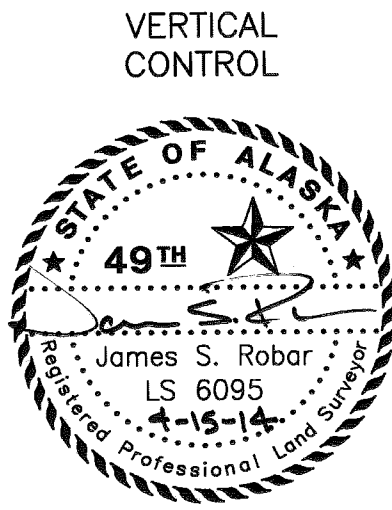
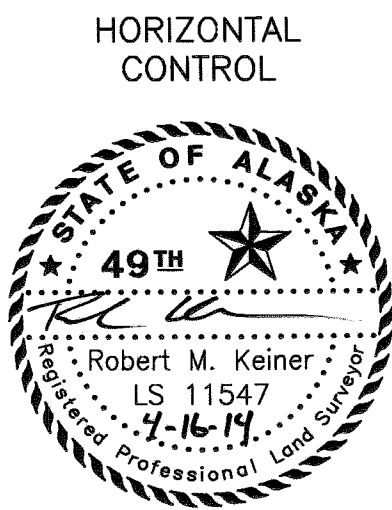
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

Seward Highway: Right-of-Way Study

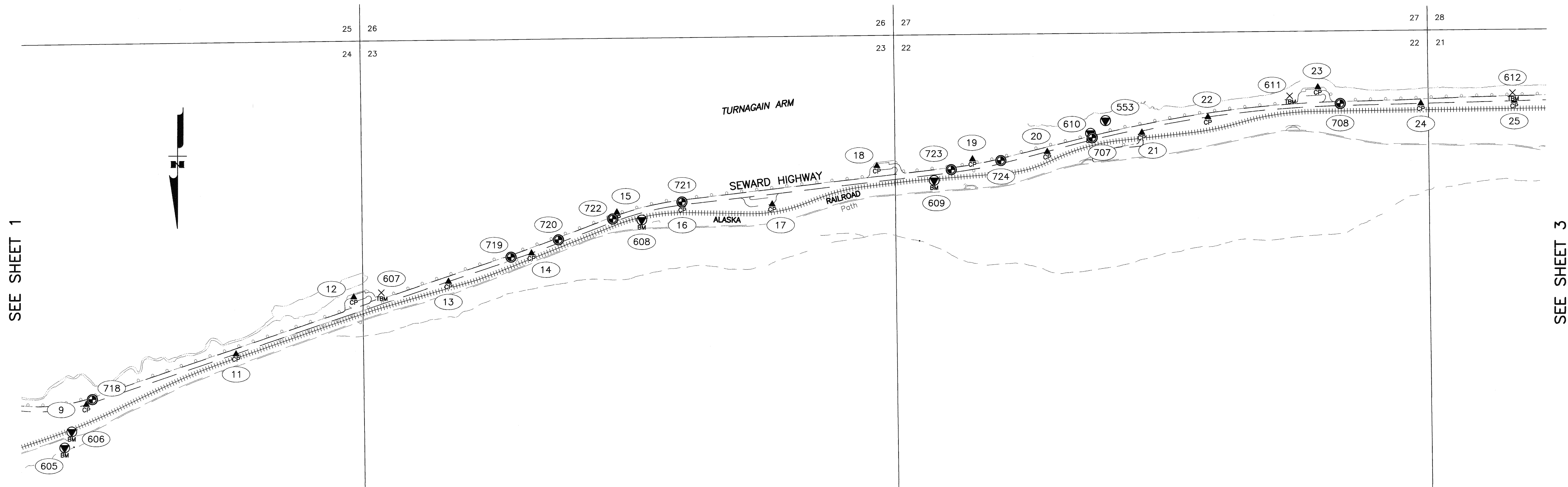
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DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	1 OF 14



ANCHORAGE RECORDING DISTRICT

PL 2014-32



## HORIZONTAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
9	60°56'41.84798"	149°11'46.22904"	241572.2513	471016.7671	–	Fd Rbr/PC[DOT]: CP 9
11	60°56'37.09382"	149°12'16.30910"	241071.3629	469536.8621	26.01	Fd Rbr/PC[DOT]: CP 11
12	60°56'31.68696"	149°12'40.03487"	240508.1581	468371.5185	25.05	Fd Rbr/PC[DOT]: CP 12
13	60°56'30.27137"	149°12'59.02248"	240353.1600	467435.2848	26.09	Fd Rbr/PC[DOT]: CP 13
14	60°56'27.58984"	149°13'15.72798"	240071.0261	466613.2904	–	Fd Rbr/PC[DOT]: CP 14
15	60°56'23.70954"	149°13'32.89297"	239666.9536	465769.9952	–	Fd AM[6714]: CP 15
16	60°56'23.05624"	149°13'46.00990"	239592.9782	465122.7771	–	Fd Rbr/PC[DOT]: CP 16
17	60°56'23.08755"	149°14'04.01789"	239585.7321	464233.1106	–	Fd Rbr/PC[DOT]: CP 17
18	60°56'19.45573"	149°14'25.05351"	239204.8468	463198.1841	25.33	Fd Rbr/PC[DOT]: CP 18
19	60°56'18.89965"	149°14'44.22266"	239137.4410	462251.8099	–	Fd AM[6714]: CP 19
20	60°56'18.25548"	149°14'59.21588"	239063.5261	461511.8364	26.05	Fd Rbr/PC[DOT]: CP 20
21	60°56'16.45558"	149°15'18.16564"	238870.0772	460577.7171	–	Fd Rbr/PC[DOT]: CP 21
22	60°56'15.03963"	149°15'31.41396"	238718.8727	459924.8111	–	Fd Rbr/PC[DOT]: CP 22
23	60°56'12.25116"	149°15'53.48893"	238423.4327	458837.3605	–	Fd Rbr/PC[DOT]: CP 23
24	60°56'13.93110"	149°16'14.08084"	238582.6568	457818.0816	26.22	Fd Rbr/PC[DOT]: CP 24
25	60°56'13.76135"	149°16'32.78290"	238555.1738	456894.2763	26.30	Fd Rbr/PC[DOT]: CP 25
553	60°56'15.27461"	149°15'10.92912"	238754.2239	460936.6037	–	Fd BC[USC&GS]: Hemlock 2 1964







## CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
707	60°56'16.92742"	149°15'08.23534"	238923.5763	461067.7764	—	Fd AM/Bx[DOT]: Seward Highway PC 1014+92.80
708	60°56'13.86222"	149°15'57.93032"	238584.5698	458616.0938	—	Fd AM/Bx[DOT]: Seward Highway PT 1039+72.63
718	60°56'41.35101"	149°11'47.44121"	241521.0526	470957.5122	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 911+76.34
719	60°56'27.93972"	149°13'11.59791"	240108.9812	466816.8924	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 955+51.09
720	60°56'26.31622"	149°13'21.15143"	239938.5151	466346.9062	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 960+51.09
721	60°56'22.75928"	149°13'45.92761"	239562.8712	465127.1972	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 973+31.49
722	60°56'24.35238"	149°13'32.04322"	239732.7268	465811.2030	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 966+24.99
723	60°56'19.89631"	149°14'39.93000"	239241.0901	462462.7171	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 1000+15.28
724	60°56'19.05715"	149°14'49.89603"	239150.2118	461971.3405	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1005+15.28

### VERTICAL CONTROL POINTS

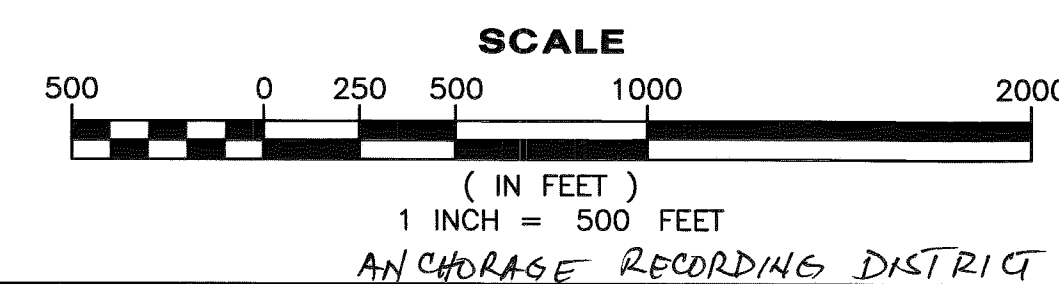
Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
605	60°56'46.023"	149°11'41.766"	241999	471232	28.82	Fd BC/Rod[DOT]: BM S 72 Reset
606	60°56'44.466"	149°11'43.222"	241840	471162	17.60	Fd BC/Rod[USC&GS]: BM S 72
607	60°56'31.274"	149°12'45.561"	240463	468099	20.37	Fd Scribed "X" in NE Tower: TBM-3
608	60°56'24.477"	149°13'37.874"	239742	465523	25.81	Fd BC/Rock[DOT]: BM BG-6
609	60°56'20.929"	149°14'36.499"	239348	462631	32.35	Fd BC/Rock[DOT]: BM P 72 Reset
610	60°56'16.486"	149°15'07.897"	238879	461085	26.10	Fd BC/Rock[DOT]: BM BG-5
611	60°56'13.062"	149°15'47.830"	238509	459116	20.76	Fd Scribed "X" in NE Tower: TBM-2
612	60°56'12.970"	149°16'32.462"	238475	456911	20.72	Fd Scribed "X" in NE Tower: TBM-1

### LEGEND

- |   |                       |
|---|-----------------------|
|  | Found Control Station |
|  | Center Line Monument  |
|  | Survey Control Point  |
|  | Vertical Benchmark    |
|  | Temporary Benchmark   |
|  | Survey Point Number   |

## NOTES

1. See Sheet 1 for Notes and Control Information.



Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

## Seward Highway: Right-of-Way Study

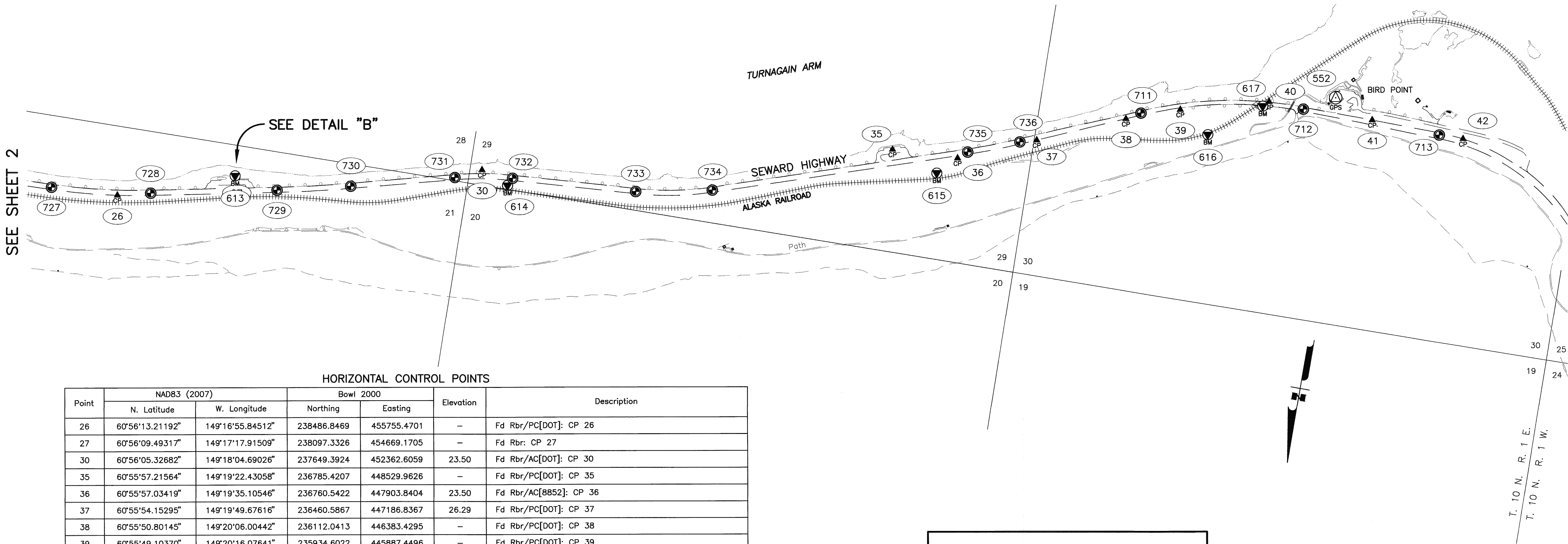
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DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	2 OF 14



SEE SHEET 2

SEE SHEET 4



HORIZONTAL CONTROL POINTS

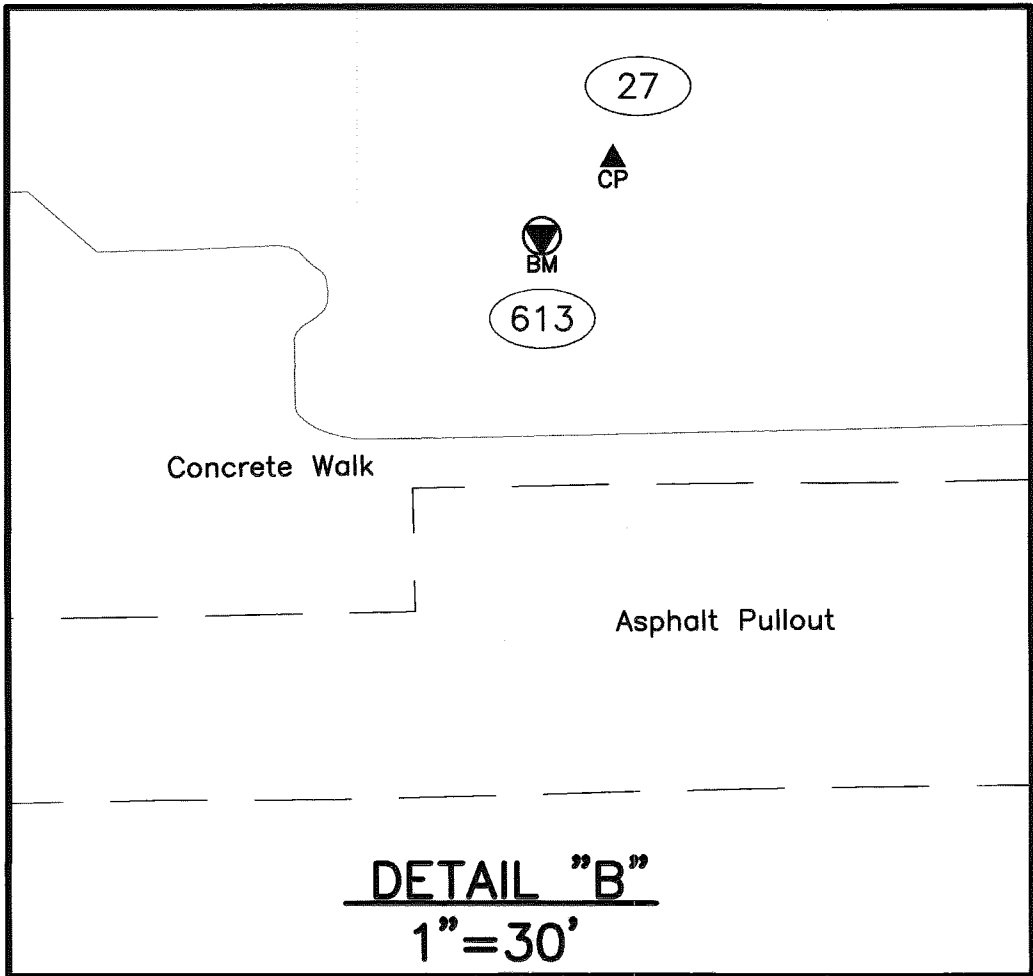
Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
26	60°56'13.21192"	149°16'55.84512"	238486.8469	455755.4701	—	Fd Rbr/PC[DOT]: CP 26
27	60°56'09.49317"	149°17'17.91509"	238097.3326	454669.1705	—	Fd Rbr: CP 27
30	60°56'05.32682"	149°18'04.69026"	237649.3924	452362.6059	23.50	Fd Rbr/AC[DOT]: CP 30
35	60°55'57.21564"	149°19'22.43058"	236785.4207	448529.9626	—	Fd Rbr/PC[DOT]: CP 35
36	60°55'57.03419"	149°19'35.10546"	236760.5422	447903.8404	23.50	Fd Rbr/AC[8852]: CP 36
37	60°55'54.15295"	149°19'49.67616"	236460.5867	447186.8367	26.29	Fd Rbr/PC[DOT]: CP 37
38	60°55'50.80145"	149°20'06.00442"	236112.0413	446383.4295	—	Fd Rbr/PC[DOT]: CP 38
39	60°55'49.10370"	149°20'16.07641"	235934.6022	445887.4496	—	Fd Rbr/PC[DOT]: CP 39
40	60°55'47.03990"	149°20'32.79710"	235716.7118	445063.2624	—	Fd Rbr/PC[DOT]: CP 40
41	60°55'47.16019"	149°20'53.02777"	235718.9414	444063.3802	67.48	Fd Rbr/PC[DOT]: CP 41
42	60°55'47.53187"	149°21'10.96226"	235747.9037	443176.7202	—	Fd Rbr/PC[DOT]: CP 42
552	60°55'45.64449"	149°20'45.35278"	235568.8054	444444.1989	62.80	Fd BC/Rod[DOT]: GPS SWH 96.1

CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
711	60°55'50.02602"	149°20'08.68312"	236031.9564	446251.8558	—	Fd AM/Bx[DOT]: Seward Highway PC 1165+98.21
712	60°55'47.19851"	149°20'39.52438"	235729.4884	444730.6521	—	Fd AM/Bx[DOT]: Seward Highway PT 1182+22.60
713	60°55'47.53852"	149°21'06.29036"	235750.8598	443407.5891	—	Fd AM/Bx[DOT]: Seward Highway PC 1194+98.63
727	60°56'13.46342"	149°16'43.01530"	238519.3447	456389.0652	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 1061+54.49
728	60°56'12.51731"	149°17'02.13787"	238412.9120	455445.3379	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1071+05.29
729	60°56'10.33541"	149°17'26.18440"	238178.4304	454259.6737	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 1083+13.96
730	60°56'08.85202"	149°17'40.13317"	238020.3593	453572.1176	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1090+19.55
731	60°56'06.45593"	149°17'59.73725"	237766.6607	452606.1095	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 1100+18.30
732	60°56'05.64596"	149°18'10.77266"	237678.6003	452061.7303	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1105+70.65
733	60°56'05.02390"	149°18'34.69359"	237602.9245	450880.4657	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1117+54.32
734	60°56'03.72519"	149°18'49.26779"	237463.4826	450161.7327	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1124+88.47
735	60°55'56.31505"	149°19'36.84482"	236686.6334	447818.6424	—	Fd AC/Rod/Bx[DOT]: Seward Highway PC 1149+56.96
736	60°55'54.57753"	149°19'46.49827"	236505.3067	447343.4312	—	Fd AC/Rod/Bx[DOT]: Seward Highway PT 1154+65.10

VERTICAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
613	60°56'09.626"	149°17'17.733"	238111	454678	30.58	Fd BC/Rock[DOT]: BM BG-4
614	60°56'06.384"	149°18'10.042"	237754	452097	29.54	Fd BC/Rock[DOT]: BM BG-3
615	60°55'58.744"	149°19'31.605"	236936	448075	21.27	Fd BC/Rock[DOT]: BM BG-2
616	60°55'51.028"	149°20'22.116"	236127	445587	26.99	Fd BC/Rock[USC&GS]: V 12
617	60°55'47.539"	149°20'31.699"	235768	445117	56.94	Fd BM/Conc[DOT]: BM BG-1



LEGEND

- GPS Control Point
- Center Line Monument
- Survey Control Point
- Vertical Benchmark
- Survey Point Number

Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

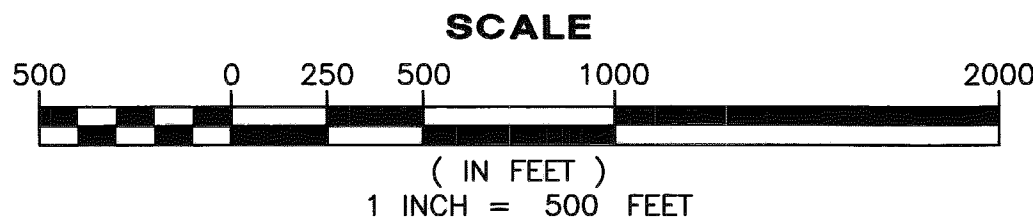
Seward Highway: Right-of-Way Study

Within: Secs. 19, 29 & 30, T. 10 N., R. 2 E.; Secs. 20, 21, 22, 23, 24, 28, 29 & 30, T. 10 N., R. 1 E.; Secs. 5, 6, 8, 9, 10, 14, 15, 23, 24, & 25, T. 10 N., R. 1 W.; Secs. 1, 2, 3 & 4, T. 10 N., R. 2 W.; Secs. 30, 31, 32, 33 & 34, T. 11 N., R. 2 W.; Secs. 4, 9, 10, 15, 22, 23, 25 & 26, T. 11 N., R. 3 W. and Secs. 32 & 33, T. 12 N., R. 3 W., Seward Meridian, Alaska

DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	3 OF 14

NOTES

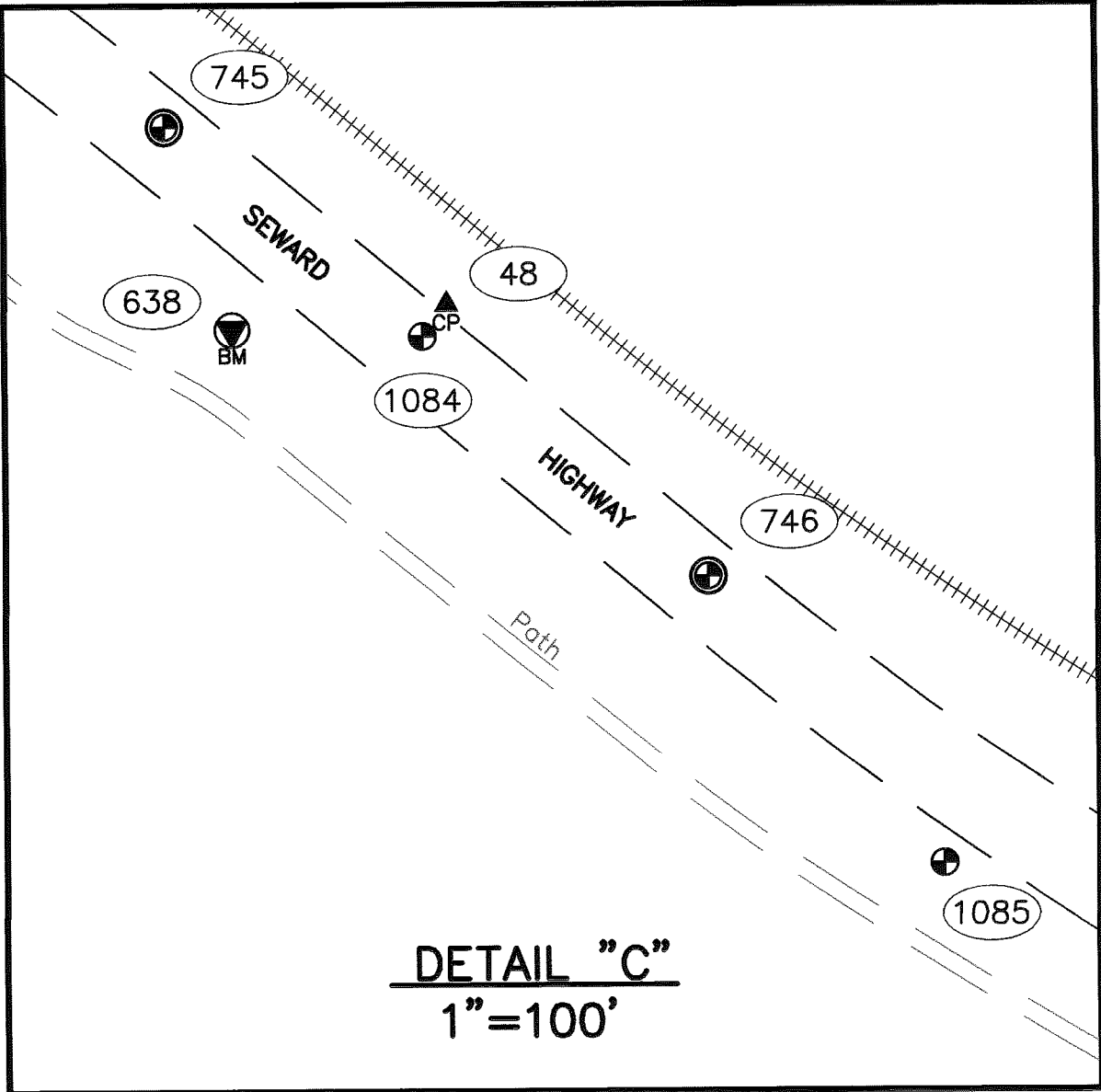
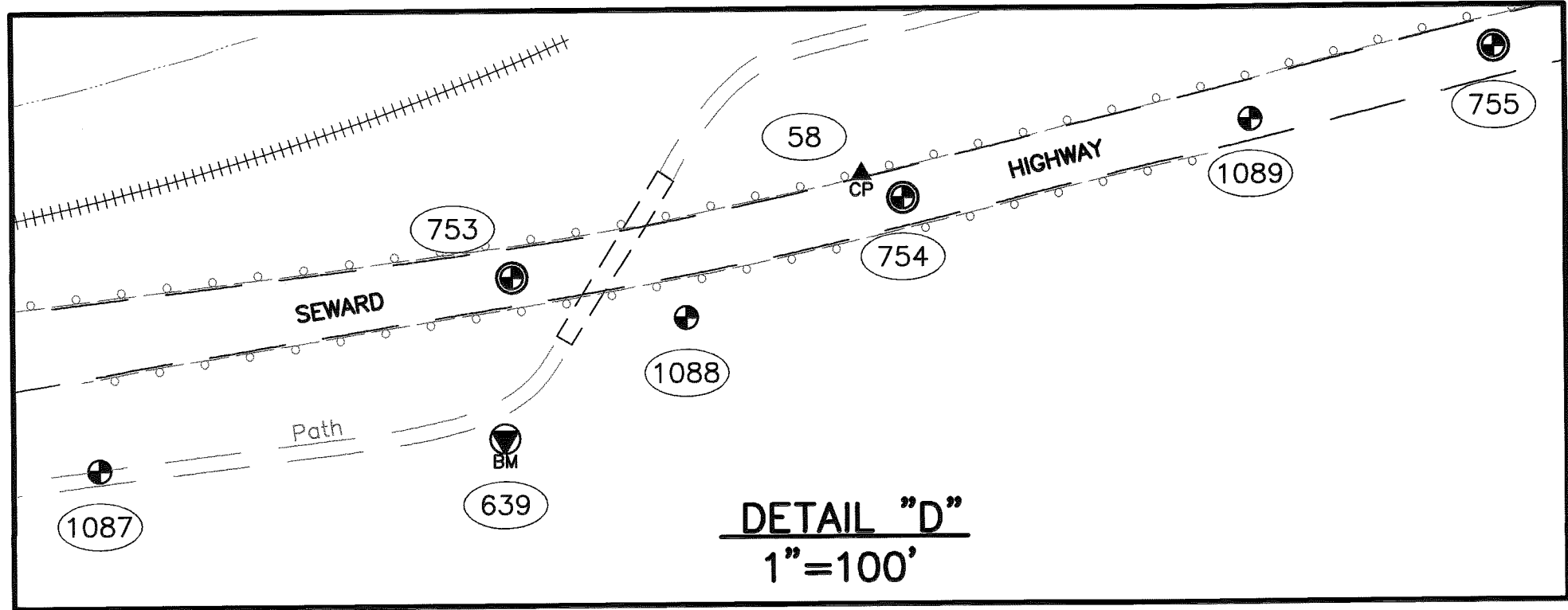
- See Sheet 1 for Notes and Control Information.



ANCHORAGE RECORDING DISTRICT PL 2014-32

SEE SHEET 3

SEE SHEET 5



CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
741	60°55'58.83227"	149°21'40.70710"	236881.0060	441695.6108	—	Fd AM/Bx[4725]: BOP 37+100
742	60°56'05.04815"	149°21'46.28137"	237509.5278	441414.0334	—	Fd AM/Bx[4725]: PC 37+309.944
743	60°56'09.22209"	149°21'50.79687"	237931.2108	441186.8088	—	Fd AM/Bx[4725]: PT 37+456.077
744	60°56'24.27865"	149°22'10.09759"	239450.9447	440218.4789	—	Fd AM/Bx[4725]: PC 38+005.419
745	60°56'28.63660"	149°22'14.42964"	239891.4239	440000.2168	—	Fd AM/Bx[4725]: PT 38+155.525
746	60°56'32.33289"	149°22'17.14714"	240265.4822	439862.3720	—	Fd AM/Bx[4725]: PC 38+277.023
747	60°56'41.15597"	149°22'28.30529"	241156.1660	439302.6235	—	Fd AM/Bx[4725]: POC 38+600
748	60°56'46.89169"	149°22'45.20376"	241730.6759	438462.4078	—	Fd AM/Bx[4725]: PT 38+912.340
749	60°56'52.96213"	149°23'14.10575"	242333.6779	437029.1028	—	Fd AM/Bx[4725]: PC 39+386.341
750	60°56'54.24127"	149°23'20.36941"	242460.6833	436718.5301	—	Fd AM/Bx[4725]: PT 39+488.601
751	60°56'58.03924"	149°23'39.52395"	242837.5751	435768.9349	—	Fd AM/Bx[4725]: POT 39+800
752	60°57'01.69717"	149°23'57.97820"	243200.6402	434854.1167	—	Fd AM/Bx[4725]: POT 40+100
753	60°57'05.91255"	149°24'19.24842"	243619.1233	433799.7764	—	Fd AM/Bx[4725]: PC 40+445.790
754	60°57'06.76228"	149°24'24.23689"	243703.1784	433552.6428	—	Fd AM/Bx[4725]: PT 40+525.340
755	60°57'07.87572"	149°24'31.98227"	243812.7890	433169.1243	—	Fd AM/Bx[4725]: PC 40+646.901
*1084	60°56'30.37561"	149°22'15.74406"	240067.3916	439933.5896	—	Fd BC/Bx[DOT]: PT Seward Hig (Pre 96–102 Project)
*1085	60°56'34.37851"	149°22'17.78977"	240472.9047	439828.6352	—	Fd BC/Bx[DOT]: PC Seward Hig (Pre 96–102 Project)
*1086	60°56'47.25299"	149°22'40.65370"	241769.4958	438686.7982	—	Fd BC/Bx[DOT]: PT Seward Hig (Pre 96–102 Project)
*1087	60°57'05.61729"	149°24'13.24748"	243591.8324	434096.4026	—	Fd BC/Bx[DOT]: PC 596+01.81 (Pre 96–102 Project)
*1088	60°57'06.71052"	149°24'20.96236"	243699.3867	433714.3998	—	Fd BC/Bx[DOT]: PT 600+29.83 (Pre 96–102 Project)
*1089	60°57'07.47189"	149°24'28.72329"	243773.2340	433330.4351	—	Fd BC/Bx[DOT]: PC 604+20.97 (Pre 96–102 Project)

\* These monuments may have been destroyed or buried under several feet of fill during the mile 96–102 project.

HORIZONTAL CONTROL POINTS

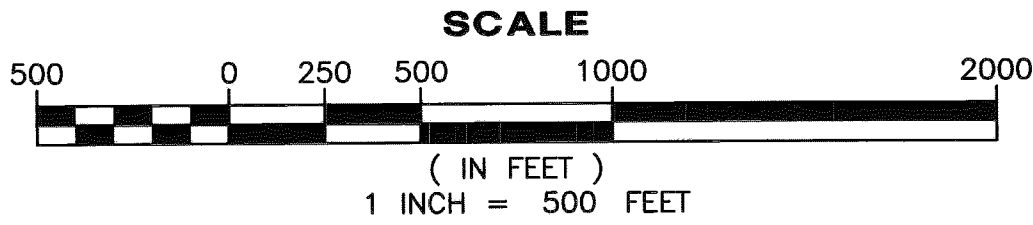
Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
44	60°55'57.14638"	149°21'38.49003"	236710.8779	441806.8328	—	Fd Rbr/PC[DOT]: CP 44
45	60°56'07.21101"	149°21'47.92958"	237728.3677	441330.4616	—	Fd Rbr/PC[DOT]: CP 45
46	60°56'17.15914"	149°22'00.39100"	238732.6033	440704.9896	—	Fd Rbr/PC[DOT]: CP 46
48	60°56'30.29084"	149°22'16.16581"	240058.5836	439912.8381	26.54	Fd Rbr/PC[DOT]: CP 48
49	60°56'37.51094"	149°22'21.58627"	240789.1963	439638.0517	28.09	Fd Rbr/PC[DOT]: CP 49
50	60°56'42.39365"	149°22'28.29989"	241281.8516	439301.6908	—	Fd Rbr/PC[DOT]: CP 50
51	60°56'47.88989"	149°22'45.75374"	241831.7832	438434.2832	—	Fd Rbr/PC[DOT]: CP 51
52	60°56'50.34706"	149°22'56.92068"	242076.0918	437880.3736	—	Fd Rbr/PC[DOT]: CP 52
53	60°56'53.04997"	149°23'10.48156"	242344.2727	437208.0177	—	Fd Rbr/PC[DOT]: CP 53
54	60°56'56.27353"	149°23'26.46951"	242664.2485	436415.3313	—	Fd Rbr/PC[DOT]: CP 54
55	60°56'58.90574"	149°23'40.95621"	242924.9124	435697.3861	—	Fd Rbr/PC[DOT]: CP 55
56	60°57'01.46506"	149°23'52.56107"	243179.5252	435121.8645	—	Fd Rbr/PC[DOT]: CP 56
57	60°57'03.97866"	149°24'05.41945"	243428.9582	434484.5058	—	Fd Rbr/PC[DOT]: CP 57
58	60°57'06.49480"	149°24'23.92595"	243676.1549	433568.2439	—	Fd Rbr/PC[DOT]: CP 58

VERTICAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
618	60°55'56.181"	149°21'40.367"	236612	441715	25.11	Fd BC/Rock[USC&GS]: BM W 72
638	60°56'29.980"	149°22'13.390"	240010	440025	25.22	Set Bolt/Rock[R&M]: BM SH–97.4
639	60°57'06.677"	149°24'18.807"	243707	433856	32.87	Set Bolt/Rock[R&M]: BM SH–98.9

NOTES

1. See Sheet 1 for Notes and Control Information.



LEGEND

- Center Line Monument
- Survey Control Point
- Primary Monument (Pre 96–102 Project)
- Vertical Benchmark
- Survey Point Number

Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

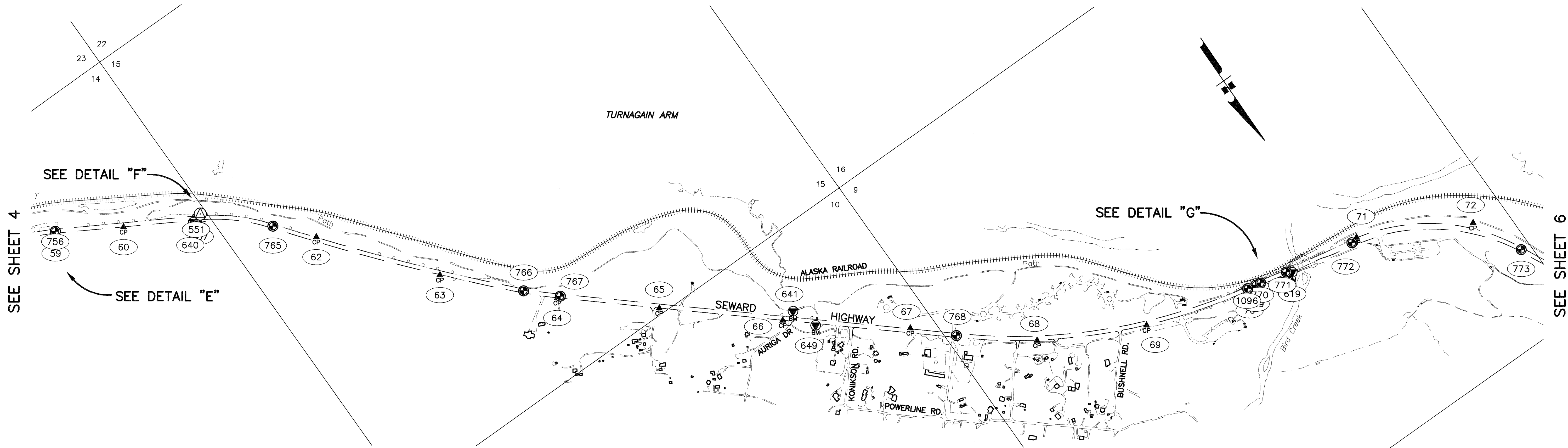
Seward Highway: Right-of-Way Study

Within: Secs. 19, 29 & 30, T. 10 N., R. 2 E.; Secs. 20, 21, 22, 23, 24, 28, 29 & 30, T. 10 N., R. 1 E.; Secs. 5, 6, 8, 9, 10, 14, 15, 23, 24, & 25, T. 10 N., R. 1 W.; Secs. 1, 2, 3 & 4, T. 10 N., R. 2 W.; Secs. 30, 31, 32, 33 & 34, T. 11 N., R. 2 W.; Secs. 4, 9, 10, 15, 22, 23, 25 & 26, T. 11 N., R. 3 W. and Secs. 32 & 33, T. 12 N., R. 3 W., Seward Meridian, Alaska

DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	4 OF 14

ANCHORAGE RECORDING DISTRICT PL 2014-32



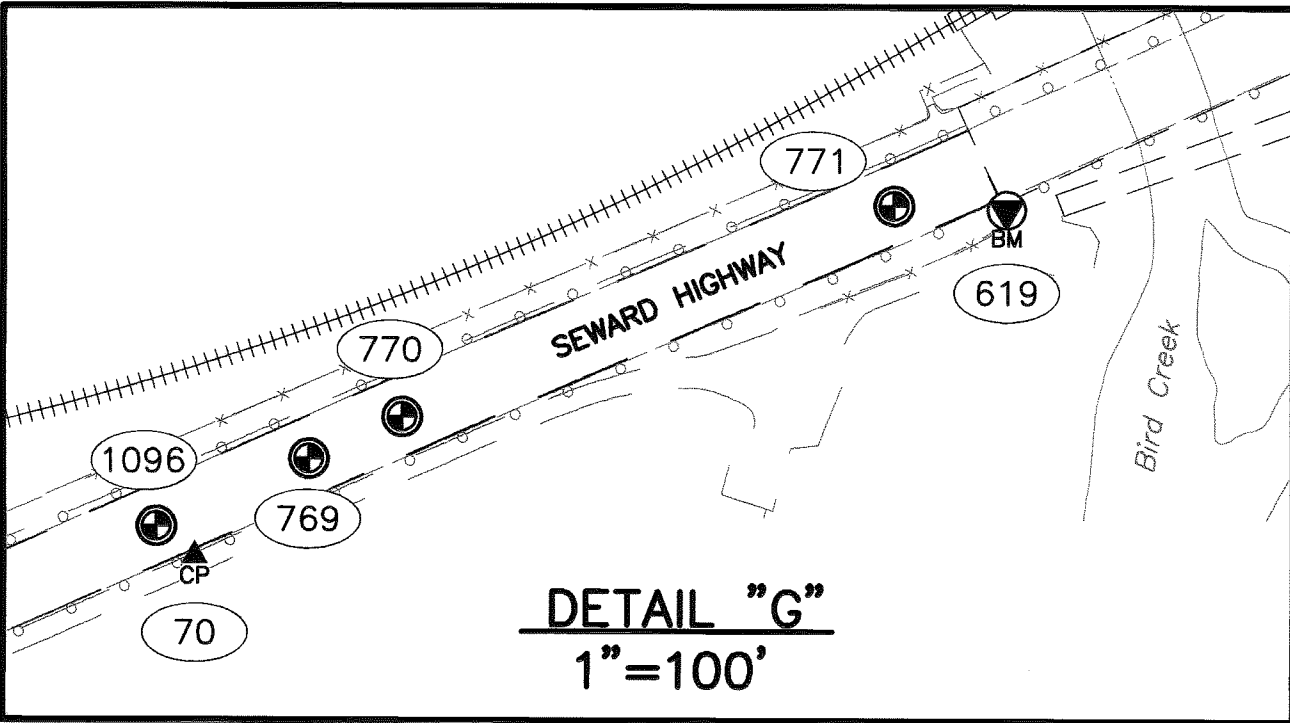
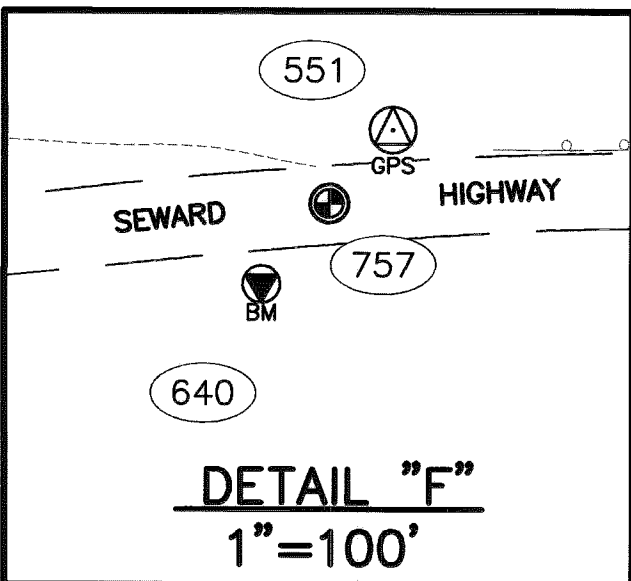
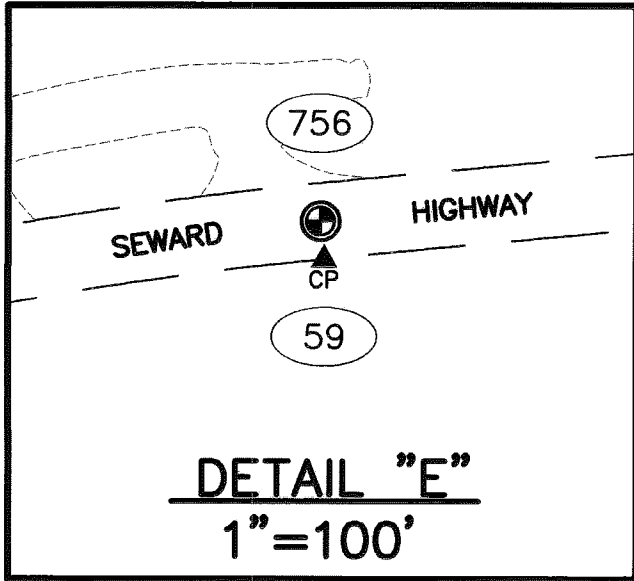


HORIZONTAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
59	60°57'09.85522"	149°24'40.42676"	244010.0483	432750.2992	—	Fd Rbr/PC[DOT]: CP 59
60	60°57'13.22729"	149°24'52.37123"	244347.1891	432157.3890	—	Fd Rbr/PC[DOT]: CP 60
62	60°57'24.97918"	149°25'22.90482"	245527.1940	430639.0930	—	Fd Rbr/PC[DOT]: CP 62
63	60°57'35.02993"	149°25'38.78901"	246540.9460	429845.8730	—	Fd Rbr/PC[DOT]: CP 63
64	60°57'43.53906"	149°25'55.42988"	247397.8800	429016.7910	—	Fd Rbr/PC[DOT]: CP 64
65	60°57'50.15273"	149°26'11.01030"	248062.8430	428241.8350	104.36	Fd Rbr/PC[DOT]: CP 65
66	60°57'58.14069"	149°26'29.93255"	248866.0070	427300.8160	72.37	Fd Rbr/PC[DOT]: CP 66
67	60°58'05.99745"	149°26'50.02903"	249655.4350	426302.0810	87.46	Fd Rbr/PC[DOT]: CP 67
68	60°58'14.15763"	149°27'09.48857"	250476.0230	425334.6600	98.51	Fd Rbr/PC[DOT]: CP 68
69	60°58'19.13090"	149°27'29.29941"	250972.9230	424352.7140	75.03	Fd Rbr/PC[DOT]: CP 69
70	60°58'22.17787"	149°27'50.35076"	251273.7920	423311.2320	—	Fd Rbr/PC[DOT]: CP 70
71	60°58'24.00978"	149°28'14.15298"	251450.2690	422135.0450	62.31	Fd Rbr/PC[DOT]: CP 71
72	60°58'29.44412"	149°28'35.04083"	251993.8350	421099.7960	108.31	Fd Rbr/PC[DOT]: CP 72
551	60°57'16.54871"	149°25'06.47550"	244678.2699	431457.9084	79.47	Fd Drive Rod w/ Datum Point: Bird 1W

CENTERLINE MOUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
756	60°57'09.68254"	149°24'40.63119"	243992.4228	432740.3615	—	Fd AM/Bx[4725]: PT 40+788.970
757	60°57'16.66650"	149°25'05.47806"	244690.6684	431507.0557	—	Fd AM/Bx[4725]: PC 624+69.90
765	60°57'21.63956"	149°25'17.02027"	245190.6254	430932.6445	—	Fd AM/Bx[9945]: PT 632+36.63
766	60°57'41.03570"	149°25'50.72293"	247145.6853	429251.3737	—	Fd BC/Bx[DOH]: PCC 658+16.40
767	60°57'43.55518"	149°25'56.12924"	247399.2177	428982.2507	—	Fd BC/Bx[DOH]: EQ POT 661+85.10
768	60°58'09.18824"	149°26'56.75560"	249976.6579	425967.3418	—	Fd BC/Bx[DOH]: PC 704+55.00
769	60°58'22.10844"	149°27'51.93028"	251266.1042	423233.3373	—	Fd AM/Bx[4725]: EQ PT 28+32.30
770	60°58'22.21117"	149°27'52.98942"	251276.1085	423180.9816	—	Fd AM/Bx[4725]: EQ STA 44+500 AHD
771	60°58'22.78903"	149°27'58.51231"	251332.5660	422907.9390	—	Fd AM/Bx[4725]: POT 44+635
772	60°58'24.16845"	149°28'12.76008"	251466.9371	422203.6557	—	Fd AM/Bx[4725]: PC 44+830
773	60°58'34.29721"	149°28'39.84880"	252484.7641	420858.6005	—	Fd AM/Bx[4725]: PT 760+19.40



VERTICAL CONTROL POINTS

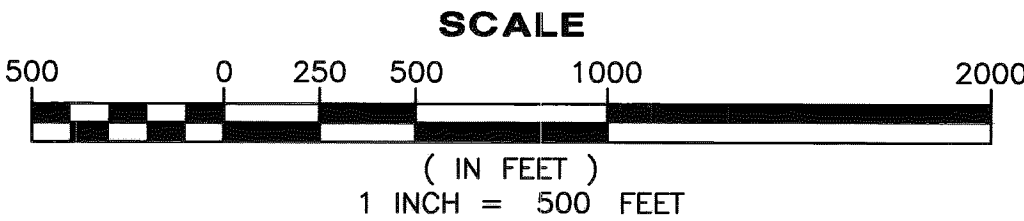
Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
619	60°58'23.141"	149°27'59.457"	251368	422861	32.84	Fd BC: A 73 Reset 1981
640	60°57'16.680"	149°25'04.440"	244705	431560	80.29	Set Bolt/Rock[R&M]: BM SH-99.4
641	60°57'57.798"	149°26'32.270"	248849	427164	51.31	Set BC[R&M]: BM SH-100.5
649	60°58'00.039"	149°26'34.477"	249093	427060	68.90	Fd BC: BM Bird House

NOTES

1. See Sheet 1 for Notes and Control Information.

LEGEND

- GPS Control Point
- Center Line Monument
- Survey Control Point
- Vertical Benchmark
- Survey Point Number



Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES

Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

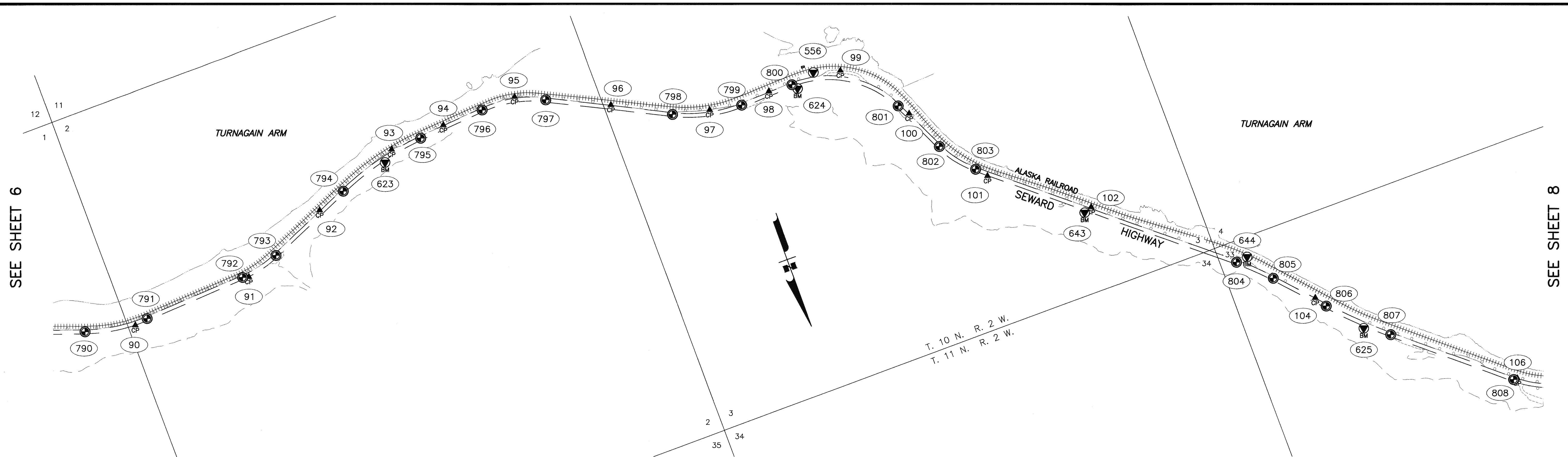
Seward Highway: Right-of-Way Study

Within: Secs. 19, 29 & 30, T. 10 N., R. 2 E.; Secs. 20, 21, 22, 23, 24, 28, 29 & 30, T. 10 N., R. 1 E.; Secs. 5, 6, 8, 9, 10, 14, 15, 23, 24, & 25, T. 10 N., R. 1 W.; Secs. 1, 2, 3 & 4, T. 10 N., R. 2 W.; Secs. 30, 31, 32, 33 & 34, T. 11 N., R. 2 W.; Secs. 4, 9, 10, 15, 22, 23, 25 & 26, T. 11 N., R. 3 W. and Secs. 32 & 33, T. 12 N., R. 3 W., Seward Meridian, Alaska

DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	5 OF 14












Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
90	60°59'04.51332"	149°34'01.26579"	255437.5690	404977.3970	43.34	Fd Rbr/PC[DOT]: CP 90
91	60°59'03.92952"	149°34'26.47678"	255370.1310	403734.0220	—	Fd Rbr/PC[DOT]: CP 91
92	60°59'00.15910"	149°34'44.83562"	254981.3940	402830.7610	—	Fd Rbr/PC[DOT]: CP 92
93	60°58'57.03258"	149°35'02.99789"	254658.1770	401936.7230	—	Fd Rbr/PC[DOT]: CP 93 (CP 118 TS IP–25)
94	60°58'56.56557"	149°35'14.63211"	254607.1230	401363.0200	—	Fd Rbr/PC[DOT]: CP 94
95	60°58'56.38760"	149°35'30.34519"	254584.1940	400587.8880	—	Fd Rbr/PC[DOT]: CP 95 (CP 119 TS IP–26)
96	60°59'00.49367"	149°35'48.23932"	254995.6960	399702.4680	—	Fd Rbr/PC[DOT]: CP 96
97	60°59'04.38047"	149°36'06.82528"	255384.7910	398783.1150	—	Fd Rbr/PC[DOT]: CP 97 (CP 120 TS IP–27)
98	60°59'04.70308"	149°36'19.53246"	255413.7590	398156.0190	—	Fd Rbr/PC[DOT]: CP 98
99	60°59'05.23893"	149°36'34.74579"	255463.6790	397405.1590	—	Fd Rbr/PC[DOT]: CP 99 (CP 121 TS IP–28)
100	60°59'11.63386"	149°36'44.83812"	256110.1250	396903.4240	—	Fd Rbr/PC[DOT]: CP 100 (CP 122 TS IP–29)
101	60°59'20.13631"	149°36'55.43284"	256970.4660	396375.7060	—	Fd Rbr/PC[DOT]: CP 101
102	60°59'26.60202"	149°37'13.10947"	257621.9710	395499.9570	—	Fd Rbr/PC[DOT]: CP 102
104	60°59'42.80223"	149°37'49.65146"	259256.7920	393688.2540	—	Fd Rbr/PC[DOT]: CP 104
106	60°59'57.25677"	149°38'22.74314"	260715.5580	392048.1720	—	Fd Rbr/PC[DOT]: CP 106
556	60°59'04.48296"	149°36'29.41681"	255388.4793	397668.5170	46.97	Fd BC[NGS]: GPS 24

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
623	60°58'58.008"	149°35'00.810"	254758	402044	40.41	Fd BC: S 11 Reset 1981
624	60°59'05.450"	149°36'25.239"	255488	397874	66.42	Fd BC: F 73 1964
625	60°59'47.314"	149°37'56.822"	259713	393332	52.03	Fd BC: G 73 Reset 1981
643	60°59'26.689"	149°37'11.146"	257652	395580	51.54	Set Bolt/Rock[R&M]: BM SH-107.3
644	60°59'36.663"	149°37'39.948"	258633	394193	47.29	Fd Bolt/Rock[R&M]: AKSAS 52451 A-2/5

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
790	60°59'03.37329"	149°33'51.13494"	255325.1137	405477.9628	—	Fd BC/Bx[DOH]: PC 179+13.05
791	60°59'04.29359"	149°34'03.99157"	255414.3671	404843.0702	—	Fd BC/Bx[DOH]: PT 185+58.17
792	60°59'03.76833"	149°34'25.22992"	255354.1630	403795.6415	—	Fd BC/Bx[DOH]: PC 196+07.17
793	60°59'02.86590"	149°34'33.22078"	255259.9629	403402.0106	—	Fd BC/Bx[DOH]: PT 200+14.10
794	60°58'59.21046"	149°34'50.71216"	254883.2017	402541.4524	—	Fd BC/Bx[DOH]: PC 209+53.40
795	60°58'56.98994"	149°35'09.35423"	254651.8605	401623.1453	—	Fd BC/Bx[DOH]: PT 219+04.50
796	60°58'56.48912"	149°35'23.16127"	254596.7171	400942.2609	—	Fd BC/Bx[DOH]: PC 225+87.52
797	60°58'57.75608"	149°35'36.08047"	254721.4030	400304.0607	—	Fd BC/Bx[DOH]: PT 232+45.40
798	60°59'03.51051"	149°35'59.35718"	255298.6917	399152.0874	—	Fd BC/Bx[DOH]: PC 245+34.21
799	60°59'05.04015"	149°36'13.31048"	255449.8413	398462.7674	—	Fd BC/Bx[DOH]: PT 252+21.84
800	60°59'04.89135"	149°36'24.42001"	255431.4283	397914.7814	—	Fd BC/Bx[DOH]: PC 257+95.55
801	60°59'10.53654"	149°36'43.27368"	255999.1499	396981.2592	—	Fd BC/Bx[DOH]: PT 269+51.52
802	60°59'15.73947"	149°36'48.29207"	256526.0419	396730.5766	—	Fd BC/Bx[DOH]: PC 275+34.89
803	60°59'19.10143"	149°36'53.62258"	256865.8990	396465.6191	—	Fd BC/Bx[DOH]: PT 279+69.00
804	60°59'36.75469"	149°37'37.05539"	258646.1863	394312.9610	—	Fd BC/Bx[DOH]: PC 307+62.64
805	60°59'39.52207"	149°37'42.96904"	258925.5567	394019.7042	—	Fd BC/Bx[DOH]: PT 311+67.99
806	60°59'43.94781"	149°37'51.17015"	259372.7038	393612.7003	—	Fd BC/Bx[DOH]: PC 319+60.67
807	60°59'48.83148"	149°38'01.53024"	259865.7715	393098.9961	—	Fd BC/Bx[DOH]: PT 324+82.44
808	60°59'57.23145"	149°38'21.93053"	260713.2074	392088.2573	—	Fd BC/Bx[DOH]: PC 338+04.11

- |   |                       |
|---|-----------------------|
|  | Found Control Station |
|  | Center Line Monument  |
|  | Survey Control Point  |
|  | Vertical Benchmark    |
|  | Survey Point Number   |

1. See Sheet 1 for Notes and Control Information.

Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
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STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION

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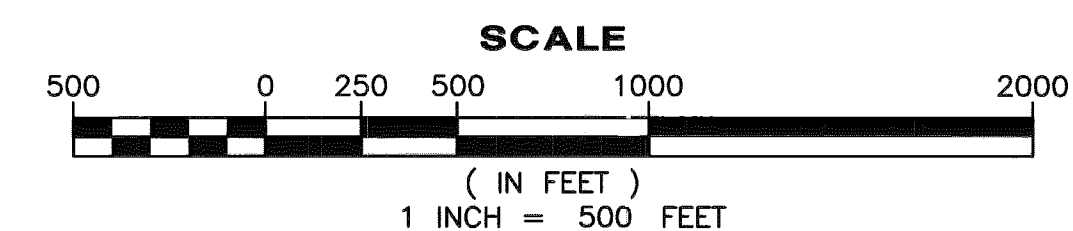
Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

## Seward Highway: Right-of-Way Study

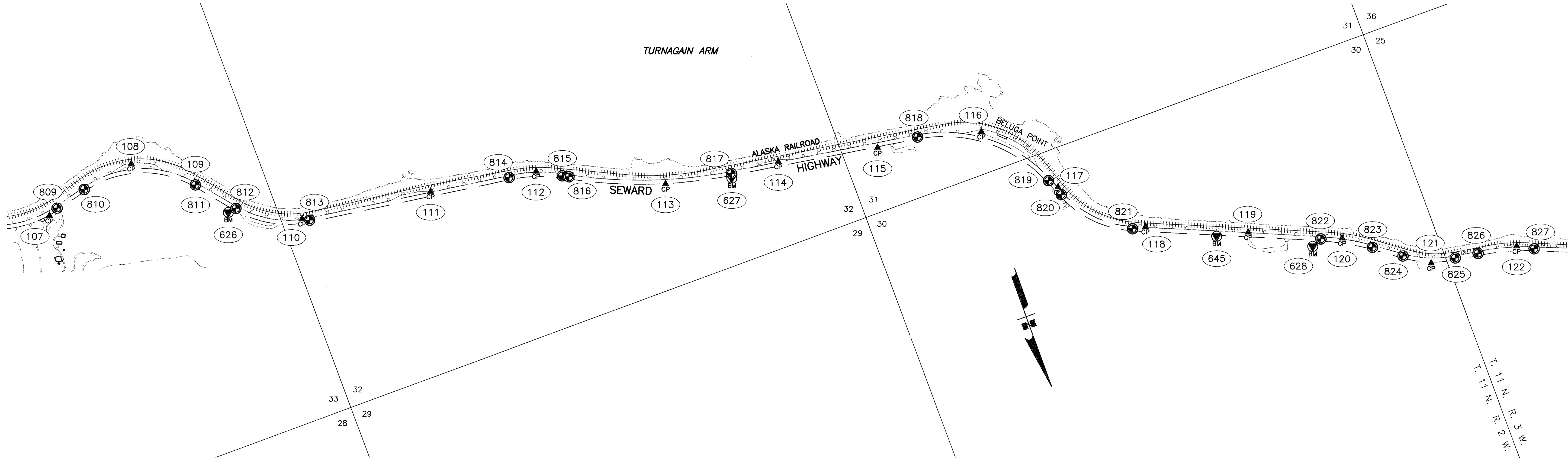
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DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	7 OF 14



ANCHORAGE RECORDING DISTRICT PL 2014-32

SEE SHEET 7



SEE SHEET 9

HORIZONTAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
107	60°59'59.76416"	149°38'38.92486"	260965.8210	391248.8430	—	Fd Rbr/PC[DOT]: CP 107
108	60°59'57.83617"	149°38'57.41732"	260765.1160	390338.0190	—	Fd Rbr/PC[DOT]: CP 108 (CP 126 TS IP-33)
109	61°00'01.52597"	149°39'07.78591"	261137.0890	389824.7400	—	Fd Rbr/PC[DOT]: CP 109
110	61°00'08.34329"	149°39'24.92121"	261824.9330	388976.1770	—	Fd Rbr/PC[DOT]: CP 110
111	61°00'10.13391"	149°39'50.25624"	262000.2950	387726.0540	—	Fd Rbr/PC[DOT]: CP 111
112	61°00'11.81244"	149°40'10.92288"	262165.5680	386706.2030	—	Fd Rbr/PC[DOT]: CP 112 (CP 128 TS IP-35)
113	61°00'17.17639"	149°40'33.74956"	262704.6580	385578.0310	—	Fd Rbr/PC[DOT]: CP 113
114	61°00'18.88977"	149°40'55.88852"	262873.3050	384485.6680	—	Fd Rbr/PC[DOT]: CP 114 (CP 129TS IP-36)
115	61°00'20.92804"	149°41'14.97857"	263075.7640	383543.4960	—	Fd Rbr/PC[DOT]: CP 115
116	61°00'22.88493"	149°41'35.06177"	263269.8050	382552.4330	—	Fd Rbr/PC[DOT]: CP 116 (CP ??? TS IP-??)
117	61°00'30.31638"	149°41'45.30134"	264022.1170	382044.1120	—	Fd Rbr/PC[DOT]: CP 117
118	61°00'36.67287"	149°41'58.65375"	264664.5840	381382.9120	—	Fd Rbr/PC[DOT]: CP 118
119	61°00'40.55812"	149°42'17.05598"	265055.0080	380474.0000	—	Fd Rbr/AC[8825]: CP 119 (R&M CP 14)
120	61°00'44.14386"	149°42'33.82883"	265415.4450	379645.5990	—	Fd Rbr/PC[DOT]: CP 120 (CP ??? TS IP-??)
121	61°00'49.28853"	149°42'48.41980"	265934.7200	378924.1020	—	Fd Rbr/PC[DOT]: CP 121
122	61°00'50.56489"	149°43'05.21976"	266060.7420	378095.4850	—	Fd Rbr/PC[DOT]: CP 122 (CP 133 TS IP-40)

VERTICAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
626	61°00'05.356"	149°39'11.855"	261525	389622	55.75	Fd BC: R 11
627	61°00'18.834"	149°40'46.268"	262870	384960	43.71	Fd BC: H 73 1964
628	61°00'43.919"	149°42'27.898"	265394	379938	38.98	Fd BC: J 73
645	61°00'39.987"	149°42'11.101"	264987	380772	37.25	Fd Bolt/Rock[R&M]: AKSAS 52451 A-4/5

CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
809	60°59'59.34311"	149°38'40.83228"	260922.5531	391155.0189	—	Fd BC/Bx[DOH]: PT 347+98.03
810	60°59'58.56859"	149°38'47.06725"	260842.2369	390847.9932	—	Fd BC/Bx[DOH]: PC 351+15.34
811	61°00'01.82867"	149°39'07.68076"	261167.8559	389829.7620	—	Fd BC/Bx[DOH]: PT 362+43.22
812	61°00'05.25226"	149°39'13.49496"	261514.0032	389541.2280	—	Fd BC/Bx[DOH]: PC 366+93.70
813	61°00'08.71826"	149°39'26.19163"	261862.6834	388913.3375	—	Fd BC/Bx[DOH]: PT 374+28.45
814	61°00'11.47440"	149°40'05.55751"	262132.5771	386970.9186	—	Fd BC/Bx[DOH]: PC 393+89.67
815	61°00'13.07454"	149°40'15.42053"	262292.6184	386483.8009	—	Fd BC/Bx[DOH]: PT 399+05.14
816	61°00'13.37604"	149°40'16.54876"	262322.9561	386428.0202	—	Fd BC/Bx[DOH]: PC 399+68.61
817	61°00'18.40296"	149°40'46.49152"	262826.1259	384949.2041	—	Fd BC/Bx[DOH]: PT 415+37.62
818	61°00'21.27106"	149°41'23.01674"	263108.7134	383147.0373	—	Fd BC/Bx[DOH]: PC 433+61.67
819	61°00'29.42825"	149°41'44.02503"	263932.2190	382107.4501	—	Fd BC/Bx[DOH]: PT 447+48.27
820	61°00'31.09206"	149°41'45.39909"	264100.8651	382038.9274	—	Fd BC/Bx[DOH]: PC 449+30.39
821	61°00'36.44345"	149°41'56.14328"	264641.8549	381506.7721	—	Fd BC/Bx[DOH]: PT 457+08.88
822	61°00'43.51635"	149°42'29.89605"	265352.5825	379839.7357	—	Fd BC/Bx[DOH]: PC 483+96.60
823	61°00'45.95286"	149°42'38.74773"	265598.0762	379402.3276	—	Fd BC/Bx[DOH]: PT 488+98.08
824	61°00'47.72143"	149°42'43.76271"	265776.5868	379154.3459	—	Fd BC/Bx[DOH]: PC 492+04.59
825	61°00'49.60226"	149°42'53.18399"	265965.5540	378689.1392	—	Fd BC/Bx[DOH]: PT 497+11.54
826	61°00'49.94242"	149°42'57.67641"	265999.1357	378467.5620	—	Fd BC/Bx[DOH]: PC 499+13.45
827	61°00'51.36764"	149°43'08.23926"	266141.6219	377946.3076	—	Fd BC/Bx[DOH]: PT 504+97.87

LEGEND

- Center Line Monument
- Survey Control Point
- Vertical Benchmark
- Survey Point Number

NOTES

1. See Sheet 1 for Notes and Control Information.

Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
Survey Control Diagram  
Record of Survey

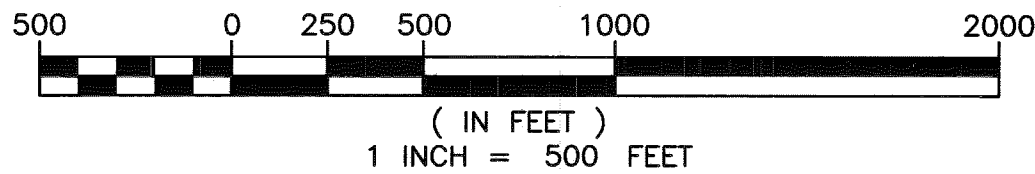
AKSAS Project No. 59765

Seward Highway: Right-of-Way Study

Within: Secs. 19, 29 & 30, T. 10 N., R. 2 E.; Secs. 20, 21, 22, 23, 24, 28, 29 & 30, T. 10 N., R. 1 E.; Secs. 5, 6, 8, 9, 10, 14, 15, 23, 24, & 25, T. 10 N., R. 1 W.; Secs. 1, 2, 3 & 4, T. 10 N., R. 2 W.; Secs. 30, 31, 32, 33 & 34, T. 11 N., R. 2 W.; Secs. 4, 9, 10, 15, 22, 23, 25 & 26, T. 11 N., R. 3 W. and Secs. 32 & 33, T. 12 N., R. 3 W., Seward Meridian, Alaska

DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	8 OF 14

SCALE



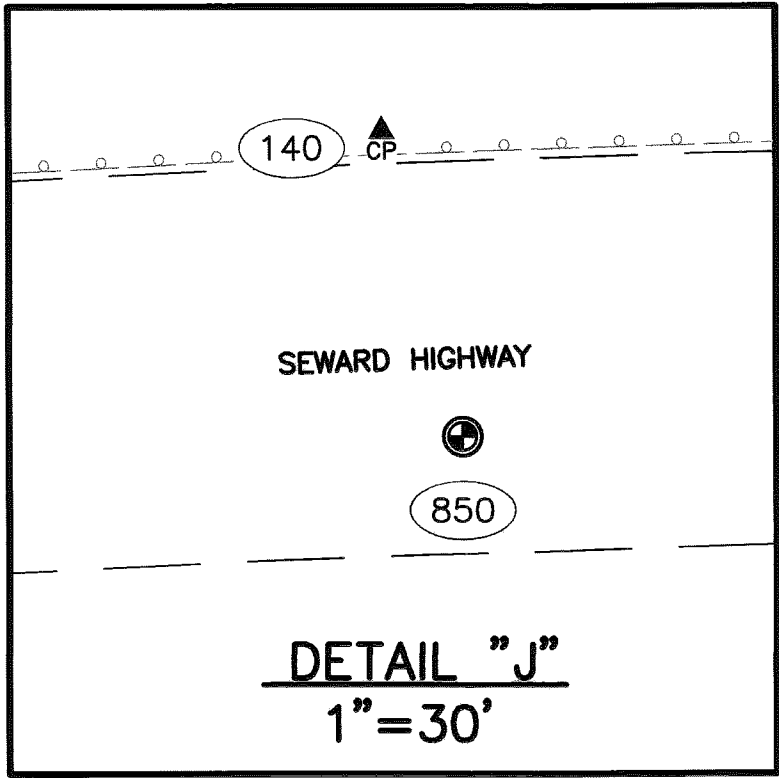
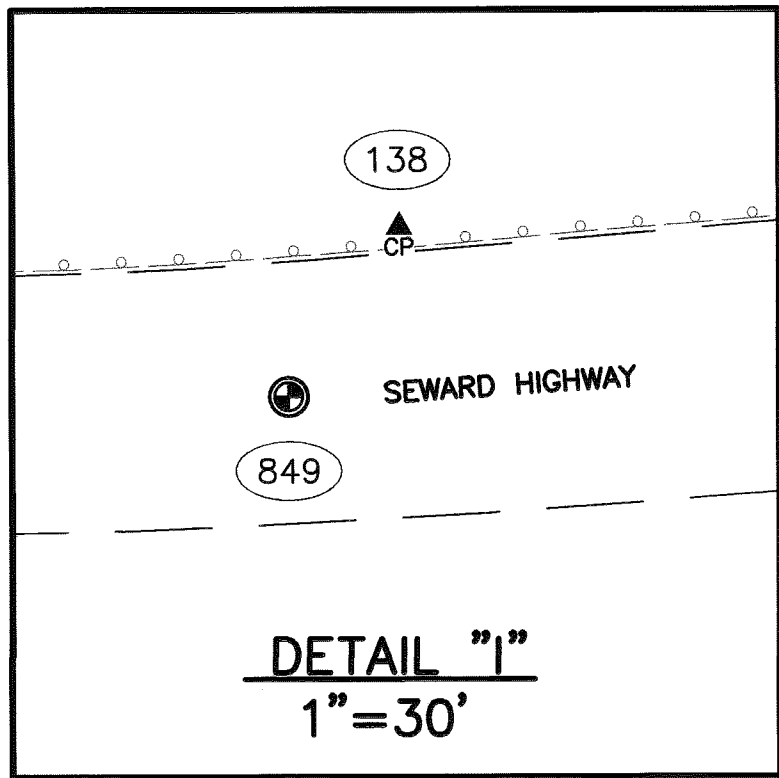
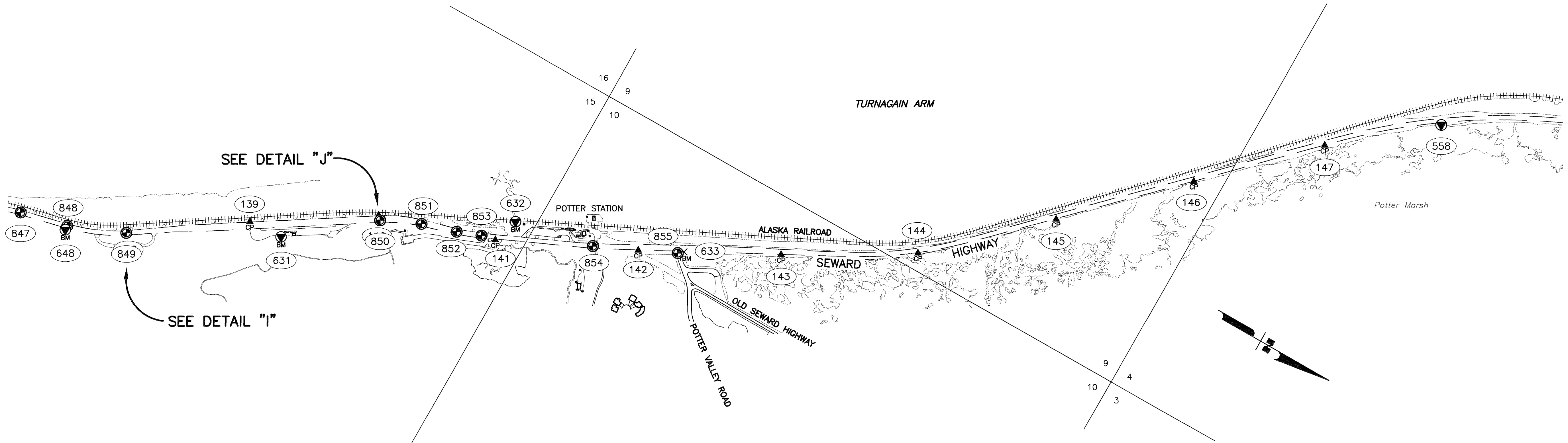
ANCHORAGE RECORDING DISTRICT PL 2014-32





SEE SHEET 9

SEE SHEET 11



HORIZONTAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
138	61°02'31.07824"	149°47'07.29010"	276222.7550	366130.6580	—	Fd Rbr/PC[DOT]: CP 138
139	61°02'40.22801"	149°47'19.81342"	277149.9210	365510.9430	—	Fd Rbr/PC[DOT]: CP 139
140	61°02'50.01943"	149°47'32.70775"	278142.2230	364872.8520	—	Fd Rbr/PC[DOT]: CP 140 (CP 143 TS-IP-50)
141	61°03'00.26019"	149°47'39.44165"	279181.1400	364538.0240	—	Fd Rbr/PC[DOT]: CP 141
142	61°03'11.90247"	149°47'50.90157"	280361.6720	363970.1600	—	Fd Rbr/PC[DOT]: CP 142
143	61°03'23.27915"	149°48'03.34600"	281515.1120	363354.0320	—	Fd Rbr/PC[DOT]: CP 143
144	61°03'33.92109"	149°48'16.17733"	282593.9150	362719.2060	—	Fd Rbr/PC[DOT]: CP 144
145	61°03'43.20583"	149°48'34.37145"	283534.1560	361820.9740	—	Fd Rbr/PC[DOT]: CP 145
146	61°03'52.25838"	149°48'53.20686"	284450.7980	360891.3960	—	Fd Rbr/PC[DOT]: CP 146
147	61°04'00.91342"	149°49'11.04925"	285327.2810	360010.9390	—	Fd Rbr/PC[DOT]: CP 147
558	61°04'09.11416"	149°49'25.06530"	286158.2026	359319.0076	17.32	Fd BC[NGS]: GPS POTTER

LEGEND

- Found Control Station
- Center Line Monument
- Survey Control Point
- Vertical Benchmark
- Temporary Benchmark
- Survey Point Number

NOTES

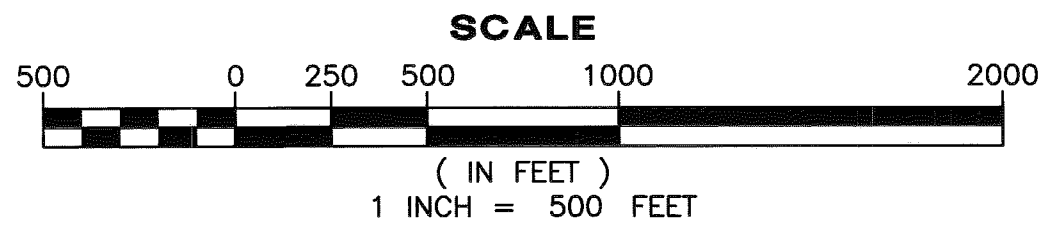
1. See Sheet 1 for Notes and Control Information.

CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
847	61°02'21.86539"	149°47'00.25964"	275288.3192	366479.9721	—	Fd BC/Bx[DOH]: PT 657+74.15
848	61°02'26.12446"	149°47'02.34167"	275720.4937	366376.0064	—	Fd BC/Bx[DOH]: PC 662+18.67
849	61°02'31.06060"	149°47'06.64979"	276221.0678	366162.1964	—	Fd BC/Bx[DOH]: PT 667+65.54
850	61°02'50.36031"	149°47'31.99610"	278176.9514	364907.7817	—	Fd BC/Bx[DOH]: PC 690+89.09
851	61°02'53.75098"	149°47'35.23932"	278520.7729	364747.0064	—	Fd BC/Bx[DOH]: PT 694+69.81
852	61°02'56.85785"	149°47'37.23047"	278835.9705	364647.9763	—	Fd BC/Bx[DOH]: PC 698+00.22
853	61°02'58.97290"	149°47'38.87982"	279050.5006	364566.0958	—	Fd BC/Bx[DOH]: PT 700+30.10
854	61°03'08.16218"	149°47'47.38801"	279982.3757	364144.3063	—	Fd AM/Bx[7338]: PI 710+52.28
855	61°03'15.11699"	149°47'54.08565"	280687.6273	363812.4084	—	Fd BC/Bx[DOH]: POTTER VALLEY RD

VERTICAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
631	61°02'43.360"	149°47'20.217"	277468	365490	34.89	Fd BC: P 11 1923
632	61°03'01.014"	149°47'44.251"	279257	364301	21.56	Fd BC: N 73 1964
633	61°03'15.555"	149°47'54.486"	280732	363773	21.30	Scribed "X" W Lum Bolt[R&M]: TBM SH_PVR
648	61°02'26.614"	149°47'01.156"	275723	366414	37.61	Fd Bolt/Rock[R&M]: AKSAS 52451 A-5/5



Anchorage Recording District  
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STATE OF ALASKA  
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Survey Control Diagram  
Record of Survey  
AKSAS Project No. 59765

Seward Highway: Right-of-Way Study

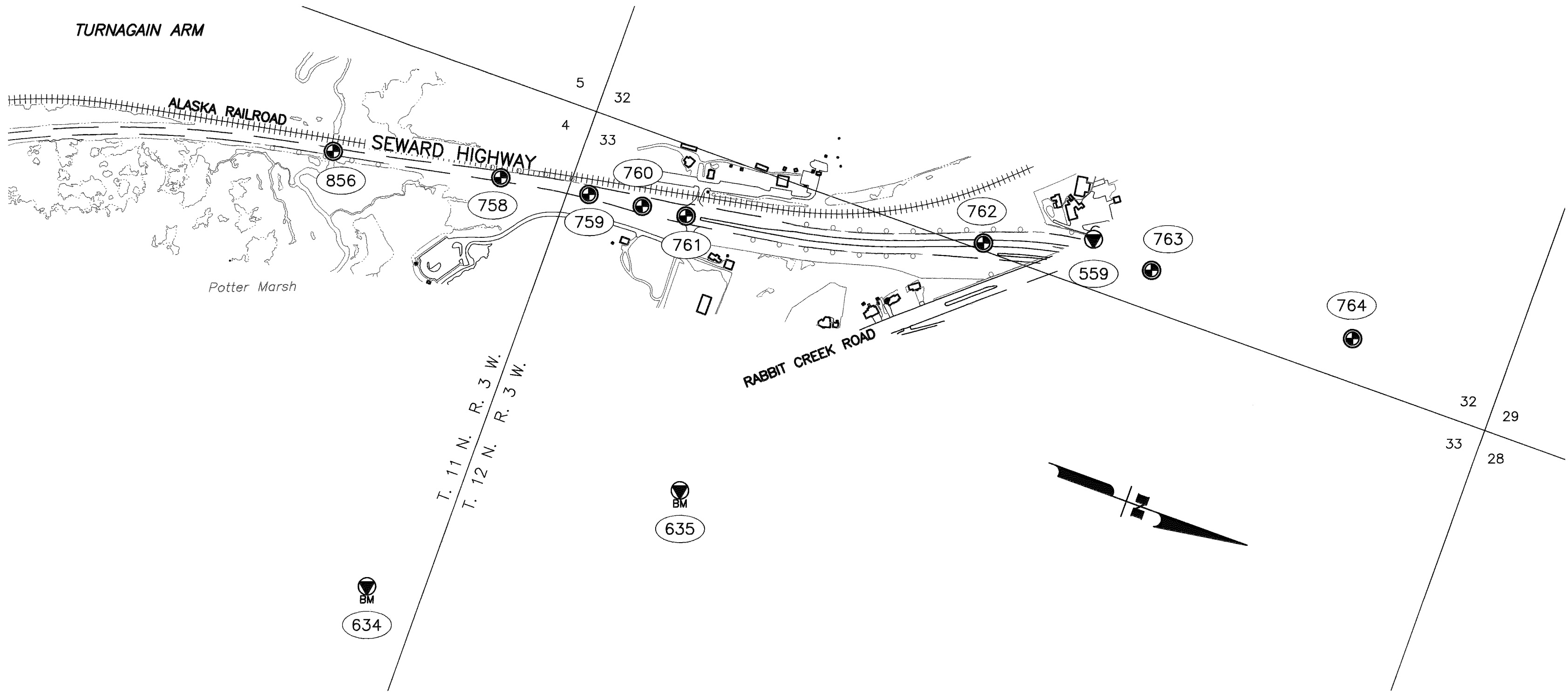
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DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	10 OF 14

ANCHORAGE RECORDING DISTRICT PL 2014-32



SEE SHEET 10



HORIZONTAL CONTROL POINTS

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
559	61°05'14.88633"	149°50'06.19415"	292832.2200	357278.4950	150.68	Fd BC[NGS]: GPS GREG

CENTERLINE MONUMENTATION

Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
758	61°04'43.01607"	149°49'49.89560"	289597.7779	358088.3578	—	Fd AM/Bx[7338]:
759	61°04'47.89282"	149°49'51.50576"	290092.8173	358007.8771	—	Fd AM/Bx[7338]:
760	61°04'50.87816"	149°49'52.29834"	290395.8836	357968.1108	—	Fd AM/Bx[DOT]:
761	61°04'53.33005"	149°49'52.94612"	290644.7954	357935.6082	—	Fd AM/Bx[DOT]:
762	61°05'09.24521"	149°50'01.52927"	292259.9329	357509.3460	—	Fd AM/Bx[DOT]:
763	61°05'18.47107"	149°50'05.11724"	293196.3915	357330.5330	—	Fd AM/Bx[DOT]:
764	61°05'30.16835"	149°50'05.57238"	294384.2190	357305.1554	—	Fd AM/Bx[DOT]:
856	61°04'33.83822"	149°49'46.25492"	288666.2150	358269.8663	—	Fd AM/Bx[7338]:

VERTICAL CONTROL POINTS

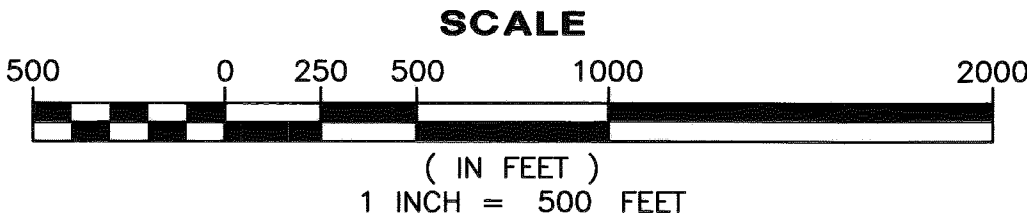
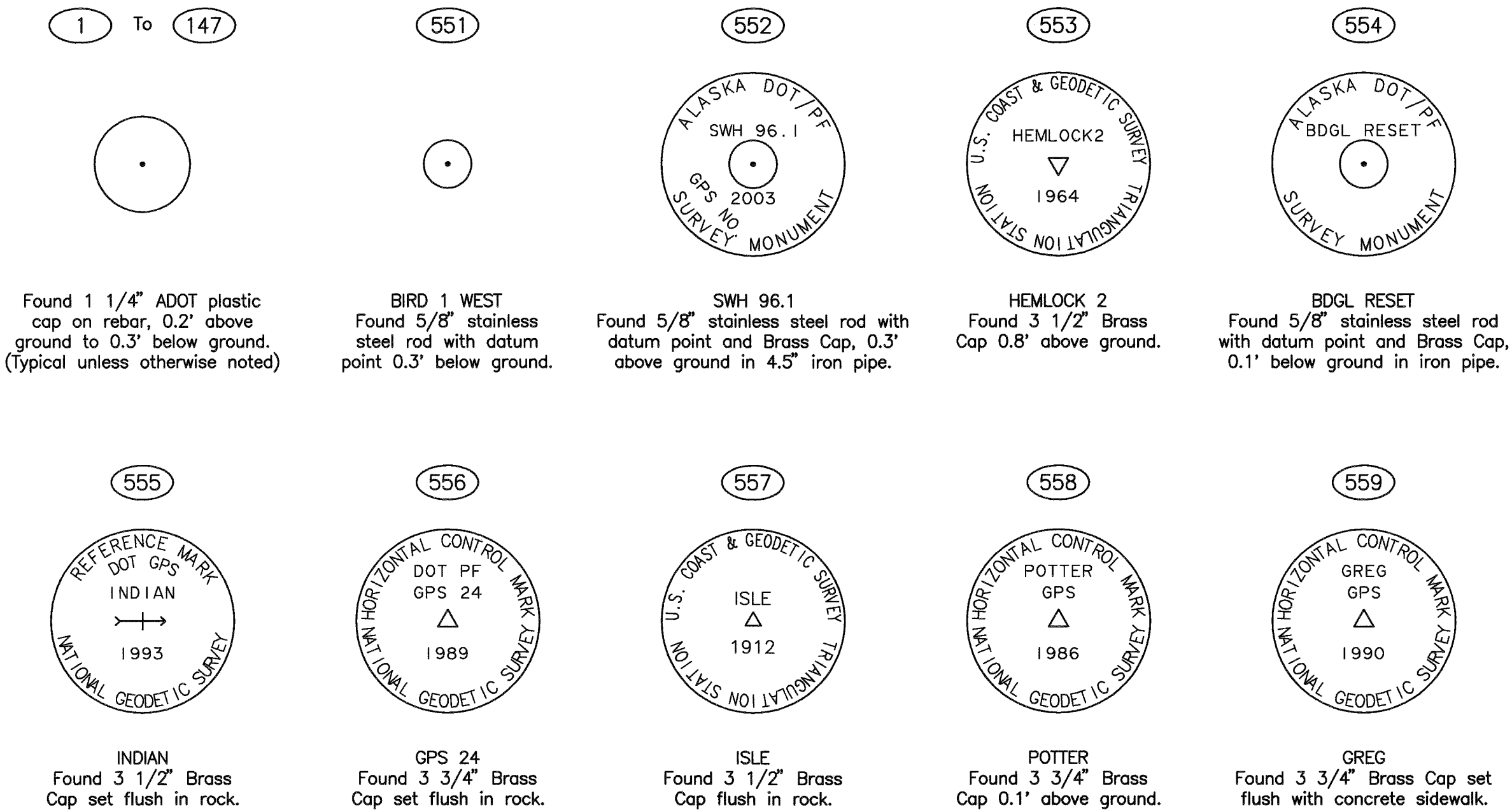
Point	NAD83 (2007)		Bowl 2000		Elevation	Description
	N. Latitude	W. Longitude	Northing	Easting		
634	61°04'43.371"	149°49'00.096"	289675	360495	111.90	Fd BC[USC&GS]: BM S 73
635	61°04'58.814"	149°49'23.330"	291138	359392	139.70	Fd Bolt/Conc[MOA]: BM MOA 34

LEGEND

- Found Control Station
- Center Line Monument
- Vertical Benchmark
- Survey Point Number

NOTES

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STATE OF ALASKA  
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Record of Survey

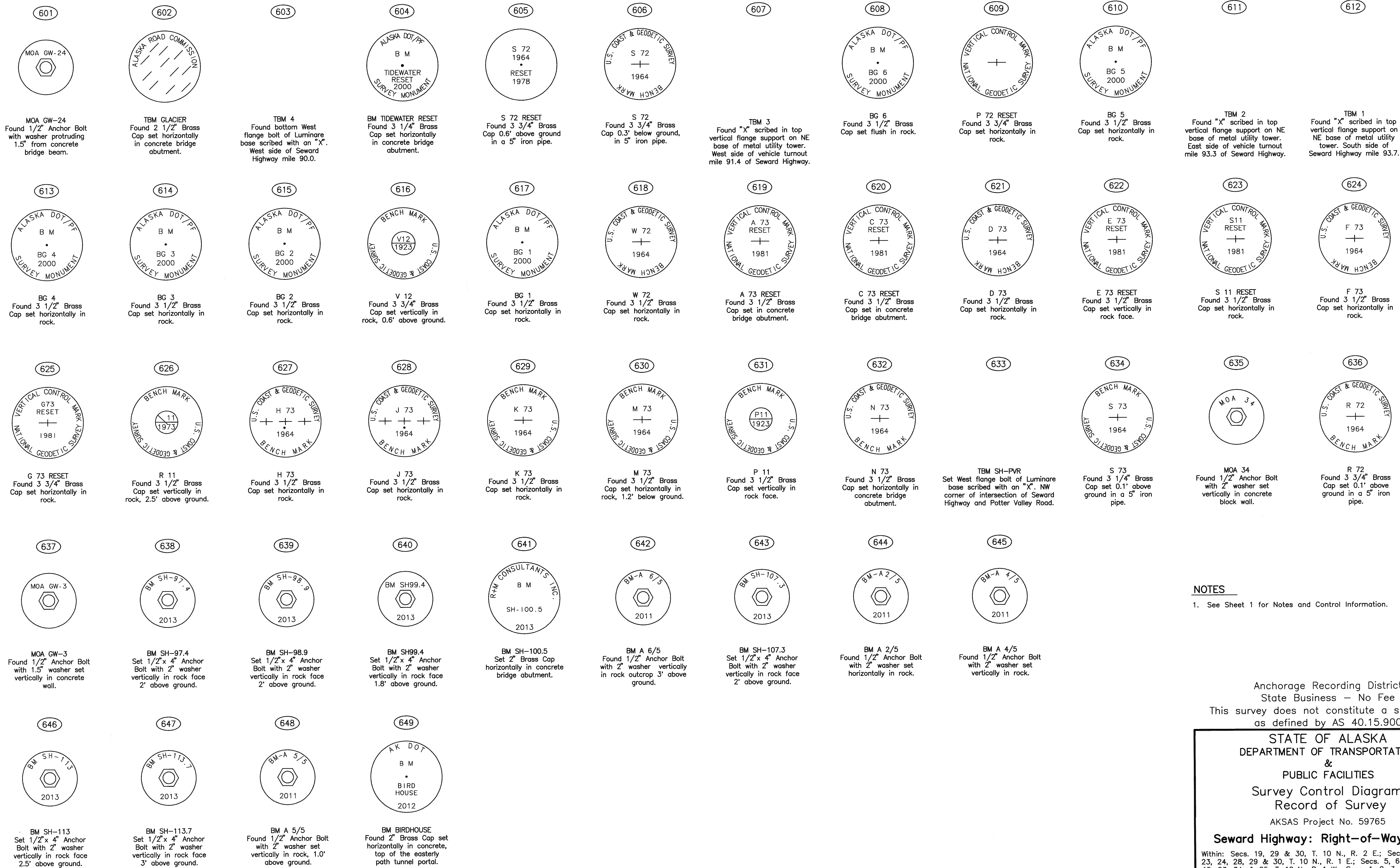
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Seward Highway: Right-of-Way Study

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DRAWN	KJR	DATE	4/9/2014	SCALE	1"=500'
CHECKED	JSR	DATE	2/18/2014	SHEET	11 OF 14

ANCHORAGE RECORDING DISTRICT PL 2014-32



**NOTES**  
1. See Sheet 1 for Notes and Control Information.

Anchorage Recording District  
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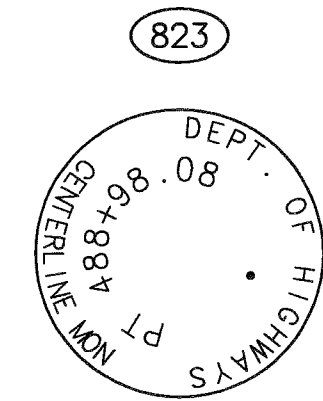
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**Seward Highway: Right-of-Way Study**  
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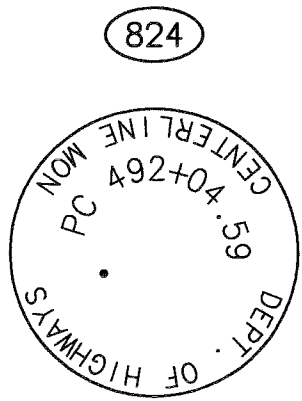
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CHECKED	JSR	DATE	2/18/2014	SHEET	12 OF 14



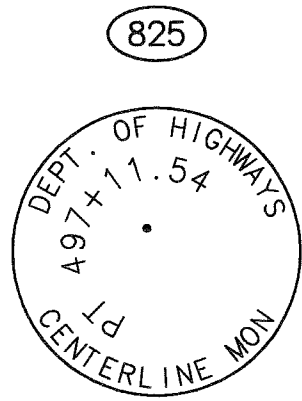




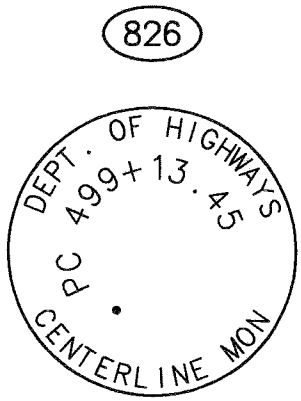
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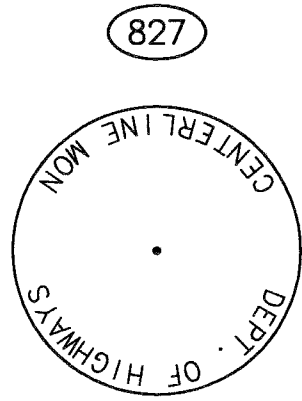
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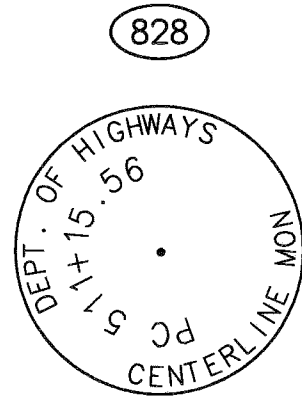
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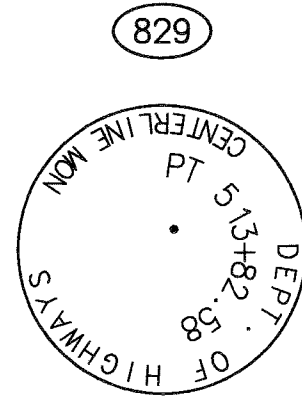
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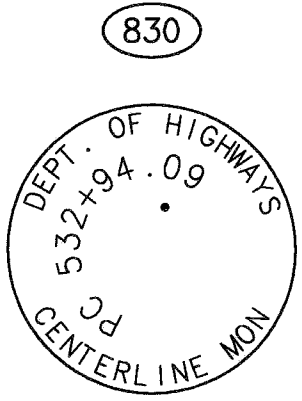
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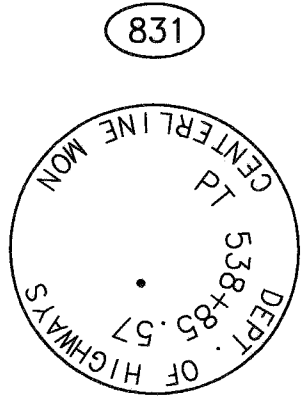
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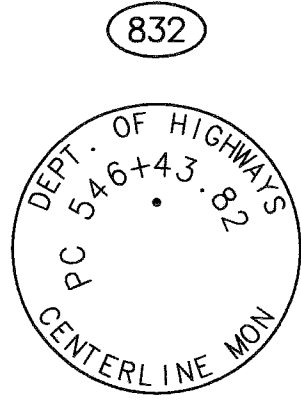
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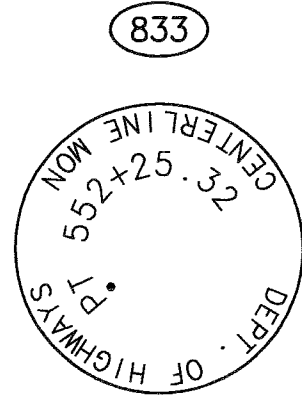
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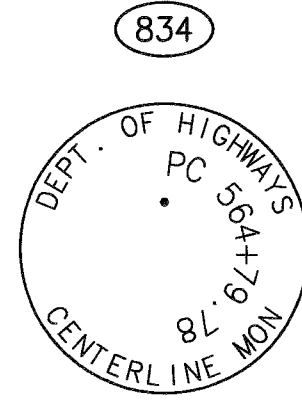
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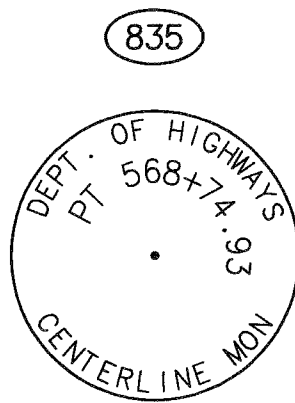
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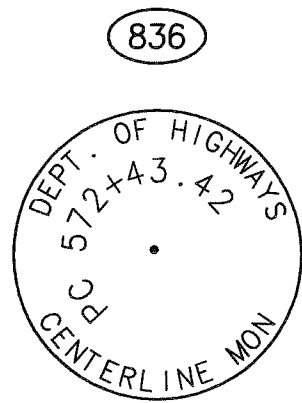
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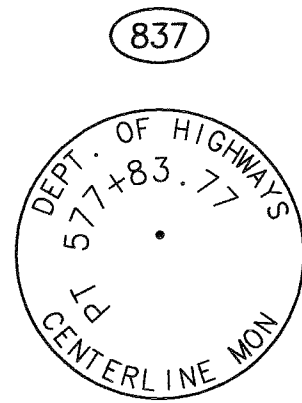
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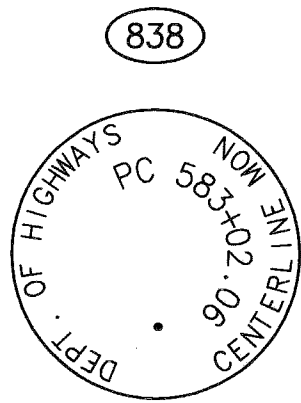
Found 2 1/2" Brass Cap  
Monument in Monument Case.



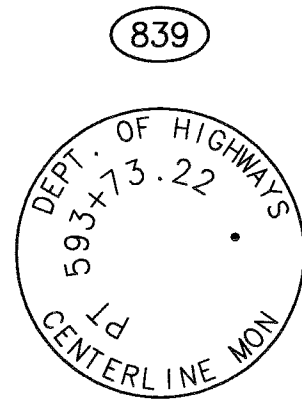
Found 2 1/2" Brass Cap  
Monument in Monument Case.



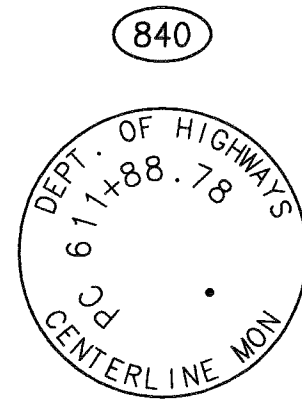
Found 2 1/2" Brass Cap  
Monument in Monument Case.



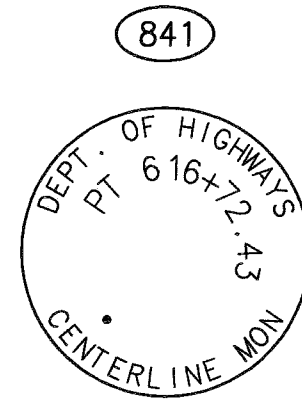
Found 2 1/2" Brass Cap  
Monument in Monument Case.



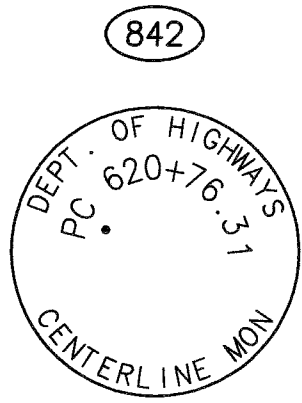
Found 2 1/2" Brass Cap  
Monument in Monument Case.



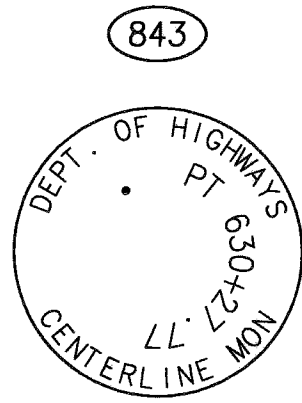
Found 2 1/2" Brass Cap  
Monument in Monument Case.



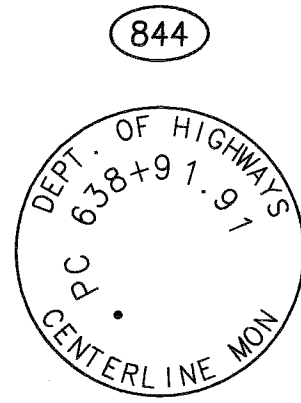
Found 2 1/2" Brass Cap  
Monument in Monument Case.



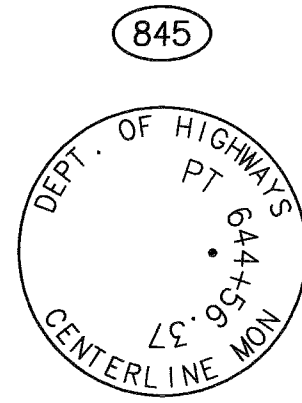
Found 2 1/2" Brass Cap  
Monument in Monument Case.



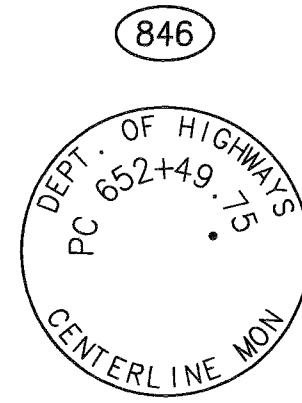
Found 2 1/2" Brass Cap  
Monument in Monument Case.



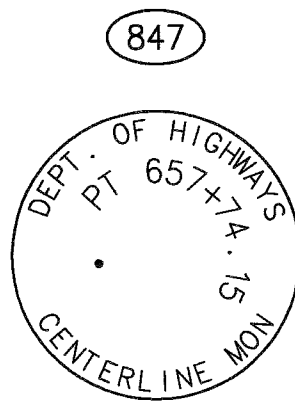
Found 2 1/2" Brass Cap  
Monument in Monument Case.



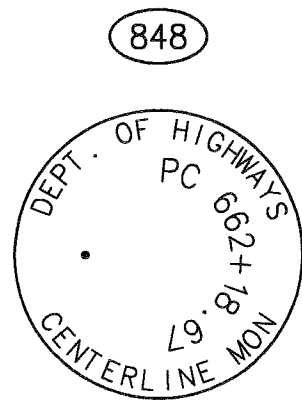
Found 2 1/2" Brass Cap  
Monument in Monument Case.



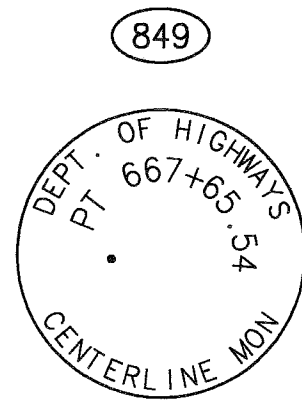
Found 2 1/2" Brass Cap  
Monument in Monument Case.



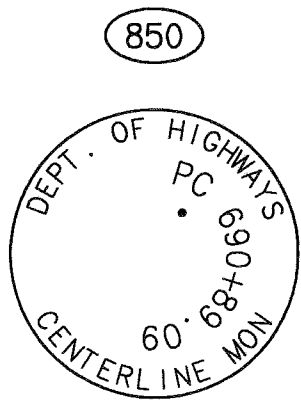
Found 2 1/2" Brass Cap  
Monument in Monument Case.



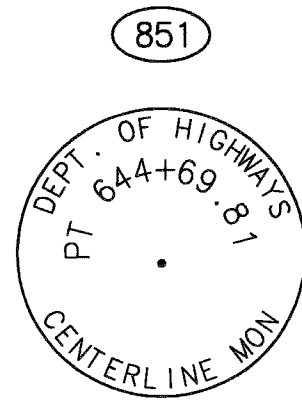
Found 2 1/2" Brass Cap  
Monument in Monument Case.



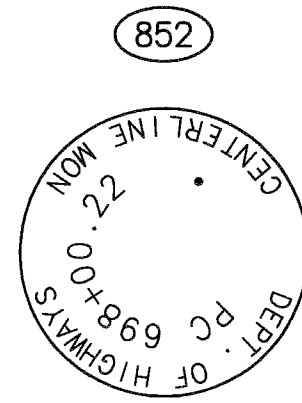
Found 2 1/2" Brass Cap  
Monument in Monument Case.



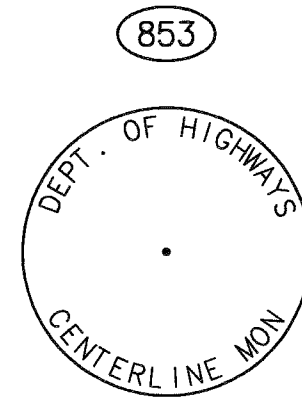
Found 2 1/2" Brass Cap  
Monument in Monument Case.



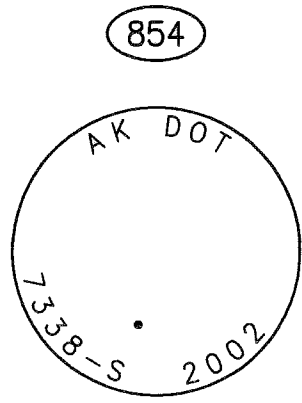
Found 2 1/2" Brass Cap  
Monument in Monument Case.



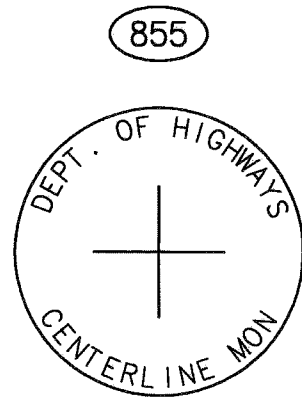
Found 2 1/2" Brass Cap  
Monument in Monument Case.



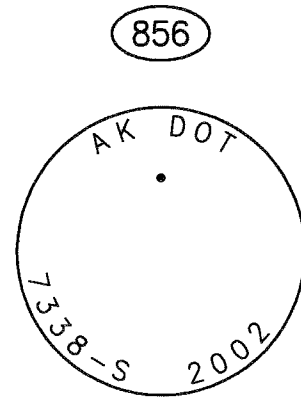
Found 2 1/2" Brass Cap  
Monument in Monument Case.



Found 3 1/4" Aluminum  
Monument in Monument Case.



Found 2 1/2" Brass Cap  
Monument in Monument Case.



Found 3 1/4" Aluminum  
Monument in Monument Case.

**NOTES**

1. See Sheet 1 for Notes and Control Information.

2014-32  
Plat #  
ANCHORAGE  
Rec Dist  
4/25 2014  
Date  
Time 2:29 PM

Anchorage Recording District  
State Business – No Fee  
This survey does not constitute a subdivision  
as defined by AS 40.15.900

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES  
Survey Control Diagram  
Record of Survey

AKSAS Project No. 59765

**Seward Highway: Right-of-Way Study**

Within: Secs. 19, 29 & 30, T. 10 N., R. 2 E.; Secs. 20, 21, 22,  
23, 24, 28, 29 & 30, T. 10 N., R. 1 E.; Secs. 5, 6, 8, 9, 10, 14,  
15, 23, 24, & 25, T. 10 N., R. 1 W.; Secs. 1, 2, 3 & 4, T. 10 N.,  
R. 2 W.; Secs. 30, 31, 32, 33 & 34, T. 11 N., R. 2 W.; Secs. 4,  
9, 10, 15, 22, 23, 25 & 26, T. 11 N., R. 3 W. and Secs. 32 &  
33, T. 12 N., R. 3 W., Seward Meridian, Alaska

DRAWN	KJR	DATE	4/9/2014	SCALE	N/A
CHECKED	JSR	DATE	2/18/2014	SHEET	14 OF 14