

NOTES:

- 1. Whether listed or not, ALL monuments or property markers, corners, or accessories, which will be disturbed or buried, shall be referenced or re-established in their original position (A.S. 19.10.260) and recorded (A.S. 34.65.040).
- 2. Monument symbols shown without point numbers are shown to assist the contractor in identifying corners that shall be preserved.
- 3. Alignment data is shown for Knik Goose Bay Road. Refer to Plan and Profile sheets for bike—path alignment information.
- 4. ROW location is shown for orientation purposes only. Please refer to AKDOT ROW Maps for any ROW information.

The Basis of Coordinates is CGS Station S—1, a standard disk set in the top of an eleven inch square monument, flush with the ground, is located approximately 0.05 miles west of the Alaska Railroad station at Wasilla. Said station has SV-1 coordinates of 145,360.5554 N, 425,361.4947 E.

Basis of Bearings:

The Basis of Bearings is a local plane bearing between CHS Station S-1 (1922) and AKDOTPF Station GPS 43 (1989). AKDOTPF Station GPS 43 (1989), a brass disc clamped to the top of a stainless steel rod, is located approximately 4.0 miles west of Wasilla along the road to Wasilla Airport, bears N 87' 26' 59.7" W a distance of 19969.57 U.S. Feet from CGS Station S-1. AKDOTPF Station GPS 43 (1989) has SV-1 coordinates of 146,249.0589 N, 405,411.7053 E.

Translation Parameters:

To convert the local coordinates to NAD83 (92) State Plane U.S. Foot coordinates, translate using +2,624,946.5706 N, +1,312,508.8943 E, and scale using 0.9998990458.

Monument Summary Table					Items marked with an "*" only apply if the monument is disturbed or destroyed as a result of this project.				
Point	Station	Offset	Northing	Easting	Description 642(6) 642(7) 6		642(9)	Monument of Record Form	
108	11+79.91	50.20 Rt.	145360.5551	425361.4961	Fd BC: USC8GS BM S-I * X		X	X	
788	12+56.21	42.26 Rt.	145284.3236	425370.0735	Fd Rbr: KGB POT 973+55 40'LT		X		
786	27+10.42	101.94 Rt.	143829.6628	425322.5955	Fd Conc ROW Mon: KGB ROW 959+00 100'Lt * * X		X	X	
787	27+10.67	52.55 Rt.	143829.8344	425371.9846	Fd Conc ROW Mon: KGB ROW 959+00 50'Lt	* * >		×	X
785	29+93.85	102.37 Rt.	143546.7565	425324.5175	Fd Rbr/PC: KGB PT 956+18.4 100'Lt	* * X		×	X
781	35+17.30	100.61 Rt.	143070.0469	425239.7581	Fd Conc ROW Mon: KGB PC 950+93.4 100'Lt	* * X		X	
874	55+65.58	100.52 Rt.	141150.7725	424524.3530	Fd AlMon: NE Tr.B-2A Susitna Place Subd	sitna Place Subd * * X		X	
780	57+85.28	100.30 Rt.	140944.8343	424447.8115	Fd Conc ROW Mon: KGB PT 928+24.7 IOO'Lt * * X		X		
876	66+29.41	101.25 Rt.	140232.4836	424054.3379	Fd Rbr/PC: PC ROW Frank Smith Way/KGB Rd * * X		X		
877	69+62.55	100.69 Rt.	139962.8467	423858.6779	Fd AlMon: SI6ISI5ROW KGB N ROW	*	*	X	X

WORK	PAY
REQUIRED	ITEM NO.
Construction surveying	642(1)
Office engineering	642(2)
Three person survey party	642(3)
Set primary monument	642(4)
Set secondary monument	642(5)
Replace existing with primary monument	642(6)
Replace existing with secondary monument	642(7)
Adjust existing monument	642(8)
Reference existing monument	642(9)
Monument case	642(10)
Adjust existing monument case	642(11)

Horizontal Control Points								
Poin	t Station	Station Offset		Easting	Description			
10	9 XXX	XXX	145574.6547	426091.9355	Fd Rbr/PC: TS-9 Parks Hwy			
10	8 +79.9	50.20 Lt.	145360.5551	425361.4961	Fd BC: USC&GS BM S-I			
	17+88.19	22.79 Lt.	144752.9067	425439.5871	Set Rbr/AC: TS KGB-I			
	2 33+65.35	15.01 Lt.	143175.7953	425394.7384	Set Rbr/AC: TS KGB-2			
7	4 40+29.25	23.13 Rt.	142563.2831	425133.5326	Set Rbr/AC: TS KGB-2A			
	3 48+73.22	52.23 Lt.	141746.1578	424909.3254	Set Rbr/AC: TS KGB-3			
	4 64+84.40	41.89 Lt.	140267.1135	424255.1430	Set Rbr/AC: TS KGB-4			

USC&GS BM S-1 1922, a brass disk in concrete post located near the

 Point
 Station
 Offset
 Northing
 Easting
 Elevation
 Desc

 152
 66+60
 75 Rt.
 140192
 424058
 314.20
 BM-MKI: 3.25" AlMon

415333

408977

406041

394049 376757

182 858+61 101 Rt. 93649 365851 72.57 BM-MK16 RESET: 2.5" BC w/ Datum point

419780 295.87 BM-MK2: 3.25" AlMon

402064 285.04 BM-MK6A: 3.25" AlMon

396544 357.02 BM-MK7A: 3.25" AlMon

326.09 BM-MK3A: 3.25" AIMon

303.52 BM-MK4AI: 3.25" AIMon

315.80 BM-MK5AI: 3.25" AIMon

248.81 BM-MK8A [Reset]: 2.5" BC w/ Datum Point 84.91 BM-MK13 'RESET': 2.5" BC w/ Datum Point

intersection of the Parks Highway and Knik—Goose Bay Road, has an elevation of 331.94 U.S. Feet.

135952

154 | 116+59 | 73 Lt. | 138066

I58 234+59 93 Rt. I347I3

160 275+63 95 Rt. | 131511

162 322+74 93 Rt. 129086

164 384+20 95 Rt. 126623 166 437+07 102 Lt. 121938 176 698+04 103 Rt. 103600

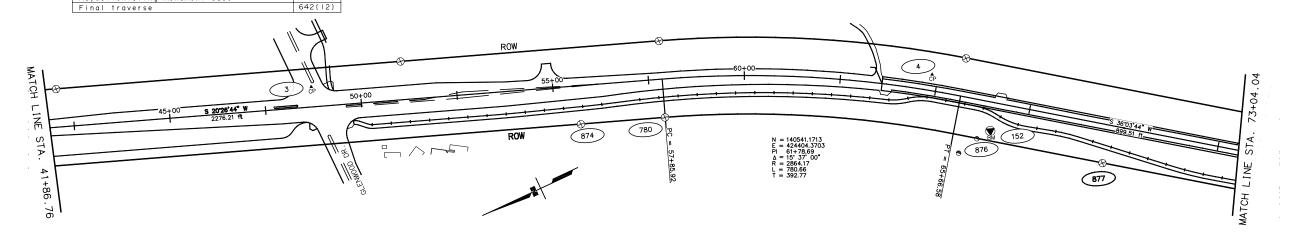
156 166+94 99 Rt

Vertical	Control Point	s				
Point	Station	Offset	Northing	Easting	Elevation	Description
151	36+65	64 Rt.	142919	425223	368.57	TBM-I: RR Spike in 16" Cottonwood
152	66+60	75 Rt.	140192	424058	314.20	BM-MKI: 3.25" AlMon

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.

(Surv Number) (Date)





SHEET NO.

(#)

STATE

ALASKA

DATE

NO.

TOTAL SHEETS

(#)

YEAR

2003

PROJECT DESIGNATION

(Project Number)

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

DESCRIPTION

(Project Name)

Survey Control Sheet