

CONTROL SURVEY

JCT. I-25 - CASTLE ROCK

DOUGLAS - ARAPAHOE COUNTY LINE

S.H. 85 MILE MARKER 182.3 to MILE MARKER 200.0

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	FC 085-2 (036)	2	2

TRAVERSE SUMMARY
RAW DATA

B.S	TRANSIT POINT	F.S	DIST. TO F.S	ANGLE
GPS 198.5	GPS 199.3	CP 199.5	1261.1631	179-36-48.0
GPS 199.3	CP 199.5	CP 199.7	962.9347	187-01-04.0
CP 199.5	CP 199.7	CP 200.0	1437.1850	169-17-15.0
CP 199.7	CP 200.0	GPS 200.2	1303.4088	224-00-06.0
GPS 198.5	GPS 199.3	CP 199.1	1282.5932	352-27-00.0
CP 198.9	CP 199.1	GPS 199.3	1282.5932	160-07-15.0
CP 198.7	CP 198.9	CP 199.1	1030.9590	201-21-32.8
GPS 198.5	CP 198.7	CP 198.9	1109.4980	182-26-04.0
CP 198.1	CP 198.3	CP 198.5	825.5171	201-16-10.0
CP 197.9	CP 198.1	GPS 198.5	1066.2864	189-04-42.0
CP 197.6	CP 197.9	CP 198.3	1192.4298	187-30-51.4
CP 197.2	CP 197.6	CP 198.1	1042.7290	180-59-16.3
GPS 197.4	CP 197.2	CP 197.9	1623.8714	175-19-44.2
CP 197.1	GPS 197.4	CP 197.6	978.5728	181-00-34.0
CP 196.8	CP 197.1	GPS 197.4	1049.8179	172-05-11.2
CP 196.7	CP 196.8	CP 197.2	832.4209	189-41-15.3
CP 196.5	CP 196.7	CP 197.1	1254.8343	184-21-22.1
CP 196.45	CP 196.5	CP 196.8	900.3999	185-09-22.2
GPS 196.4	CP 196.45	CP 196.7	876.3356	174-17-24.0
CP 196.0	GPS 196.4	CP 196.5	856.9072	190-57-10.6
CP 195.75	CP 196.0	CP 196.45	906.4495	166-41-57.0
GPS 195.65	CP 195.75	GPS 196.4	996.3199	183-02-46.9
GPS 195.6	CP 195.65	CP 196.0	1139.3570	174-55-43.6
CP 195.1	GPS 195.6	CP 195.75	1169.1470	194-27-06.0
CP 194.9	CP 195.1	CP 195.65	816.4337	189-22-20.4
CP 194.7	CP 194.9	GPS 195.6	1195.2982	156-53-13.3
CP 194.55	CP 194.7	CP 195.1	1345.0820	192-37-12.7
CP 194.25	CP 194.55	CP 194.9	1177.3255	176-54-00.3
GPS 194.2	CP 194.25	CP 194.7	858.1316	166-55-48.3
CP 194.0	GPS 194.2	CP 194.25	925.2995	105-13-16.2
CP 193.8	CP 194.0	GPS 194.2	898.4022	290.02-14.5
CP 193.7	CP 193.8	GPS 194.2	1043.8894	144-09-20.5
GPS 193.5	CP 193.7	CP 194.0	982.5899	170-40-56.8
CP 193.3	GPS 193.5	CP 194.0	1018.0102	188-28-59.0
CP 193.1	CP 193.3	CP 193.8	763.0476	171-16-37.0
CP 192.7	CP 193.1	CP 193.7	989.9436	193-20-08.0
GPS 192.6	CP 192.7	CP 193.3	949.9573	161-01-07.1
CP 192.3	GPS 192.6	CP 193.1	1098.0240	184-59-18.6
CP 192.2	CP 192.3	CP 192.9	1063.2310	173-06-29.8
CP 192.1	CP 192.2	CP 192.7	770.5361	195-49-34.4
CP 191.8	CP 192.1	GPS 192.6	927.5709	173-42-15.8
GPS 191.7	CP 191.8	CP 192.3	1046.9196	197-57-15.3
CP 191.5	GPS 191.7	CP 192.2	755.7264	173-26-40.1
CP 191.3	CP 191.5	CP 192.1	776.7172	188-58-35.9
CP 191.2	CP 191.3	CP 192.1	1415.4741	181-14-20.0
GPS 191.0	CP 191.2	GPS 191.8	702.7822	169-53-55.9
		CP 191.7	865.6955	166-20-26.7
		CP 191.5	1108.3950	184-20-18.0
		CP 191.3	939.3169	201-57-56.7

TRAVERSE SUMMARY
RAW DATA

B.S	TRANSIT POINT	F.S	DIST. TO F.S	ANGLE
CP 190.8	GPS 191.0	CP 191.2	879.4862	90-36-30.5
CP 190.6	CP 190.8	GPS 191.0	826.0958	99-12-15.5
CP 190.4	CP 190.6	CP 190.8	753.2785	179-38-35.9
GPS 190.3	CP 190.4	CP 190.6	1350.1266	173-58-46.4
CP 190.0	GPS 190.3	CP 190.4	710.6148	188-25-50.1
GPS 191.0	GPS 190.3	CP 190.0	1257.4787	172-14-04.0
CP 189.8	CP 190.0	GPS 190.3	1257.4787	173.17-03.1
CP 189.6	CP 189.8	CP 190.0	1036.9291	186-53-20.6
CP 189.5	CP 189.6	CP 189.8	1002.9770	184-10-07.9
CP 189.2	CP 189.5	CP 189.6	1056.8402	183-58-49.2
CP 189.0	CP 189.2	CP 189.5	920.1050	175-47-24.8
CP 188.85	CP 189.0	CP 189.2	1281.7448	155-09-48.9
CP 188.7	CP 188.85	CP 189.0	726.0112	200-24-08.9
GPS 188.4	CP 188.7	CP 188.85	970.5705	155-26-05.4
CP 188.3	GPS 188.4	CP 188.7	676.3970	183-39-09.2
CP 188.1	CP 188.3	GPS 188.4	1312.0991	187-54-08.6
CP 187.8	CP 188.1	CP 188.3	1075.1007	183-09-00.9
CP 187.6	CP 187.8	CP 188.1	1272.5322	164-56-17.9
CP 187.45	CP 187.6	CP 187.8	1228.0253	192-04-49.1
GPS 187.25	CP 187.45	CP 187.6	832.9619	182-05-22.5
CP 187.15	GPS 187.25	CP 187.45	1080.8878	133-23-07.6
CP 186.95	CP 187.15	GPS 187.25	709.0850	135-43-24.7
CP 186.8	CP 186.95	CP 187.15	980.4987	196-25-24.0
CP 186.6	CP 186.8	CP 186.95	970.8097	176-35-01.0
GPS 186.4	CP 186.6	CP 186.8	912.1306	179-12-01.0
CP 186.2	GPS 186.4	CP 186.6	1134.2234	178-24-07.4
CP 186.1	CP 186.2	GPS 186.4	922.9088	177-54-50.6
CP 185.9	CP 186.1	CP 186.2	850.8556	156-55-33.5
CP 185.7	CP 185.9	CP 186.1	783.4298	184-19-14.2
CP 185.5	CP 185.7	CP 185.9	1026.3805	169-09-08.2
CP 185.3	CP 185.5	CP 185.7	802.4373	223-06-03.7
CP 185.1	CP 185.3	CP 185.5	873.5194	130-34-33.3
CP 184.9	CP 185.1	CP 185.3	932.3215	246-26-51.9
GPS 185.1	CP 184.9	CP 185.1	861.9678	173-56-35.0
CP 184.9	GPS 185.1	CP 185.3	709.9232	236-14-48.8
CP 184.6	CP 184.9	GPS 185.1	1242.5316	182-53-22.6
CP 184.3	CP 184.6	CP 184.9	1176.3750	169-54-01.3
CP 184.1	CP 184.3	CP 184.6	815.3894	243-57-22.1
GPS 183.8	CP 184.1	CP 184.3	1201.1873	192-29-07.1
CP 183.1	GPS 183.8	CP 184.1	1046.3701	166-29-38.0
GPS 185.1	CP 183.1	CP 183.8	1138.2057	218-46-33.0
CP 182.9	CP 183.1	GPS 183.8	1138.2057	162-21-02.9
CP 182.7	CP 182.9	CP 183.1	1187.1788	188-16-24.5
CP 182.5	CP 182.7	CP 182.9	931.3940	162-53-02.5
NONE	GPS 182.3	CP 182.5	1096.7395	NONE

Comments: 9-20-90

DISTANCES TO 0.0000
MILES TO 0.1
NO STATEMENT OF TOLERANCES
NOT ALL SECTION CHANGES ARE
INCLUDED.
NO BAC GRAPH

SURVEYOR CERTIFICATE (FIELD)

Control survey and monumentation was done
under my supervision and checking.

NAME Cont. M. M. M. M. P.L.S. NO. 13225

DATE 8-13-90

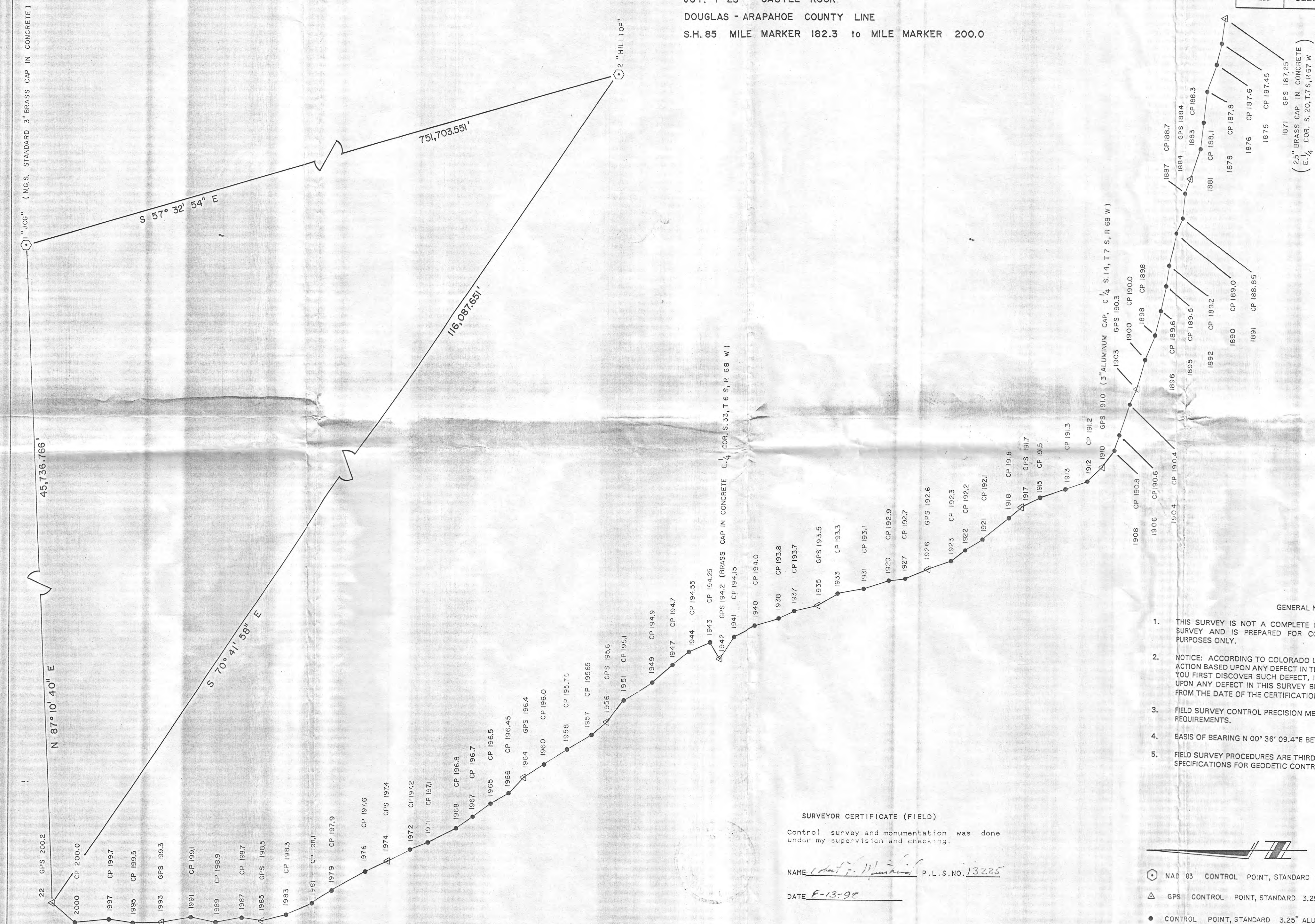
CONTROL SURVEY

JCT. I-25 - CASTLE ROCK

DOUGLAS - ARAPAHOE COUNTY LINE

S.H. 85 MILE MARKER 182.3 to MILE MARKER 200.0

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	FC 085-2 (036)	1	2



GENERAL NOTES

1. THIS SURVEY IS NOT A COMPLETE BOUNDARY SURVEY OR RIGHT-OF-WAY SURVEY AND IS PREPARED FOR COLORADO DEPARTMENT OF HIGHWAY PURPOSES ONLY.
2. NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT, IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.
3. FIELD SURVEY CONTROL PRECISION MEETS OR EXCEEDS CDOH TYPE B SURVEY REQUIREMENTS.
4. BASIS OF BEARING N 00° 36' 09.4\"E BETWEEN GPS 198.5 AND GPS 199.3.
5. FIELD SURVEY PROCEDURES ARE THIRD ORDER, CLASS II PER STANDARDS AND SPECIFICATIONS FOR GEODETIC CONTROL NETWORKS, SEPT. 1984.

SURVEYOR CERTIFICATE (FIELD)

Control survey and monumentation was done under my supervision and checking.

NAME Robert F. Williams P.L.S. NO. 13225

DATE 8-13-98

- NAD 83 CONTROL POINT, STANDARD USGS 3\"BRASS CAP * EXCEPT AS NOTED
 - Δ GPS CONTROL POINT, STANDARD 3.25\" ALUMINUM CAP * EXCEPT AS NOTED
 - CONTROL POINT, STANDARD 3.25\" ALUMINUM CAP
- SCALE 1:24,000