

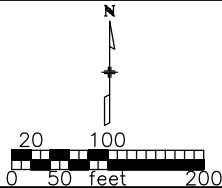


Region 6
Address: 2000 South Holly Street
Denver, CO 80222
Phone: (303) 757-9923 FAX: (303) 757-9053

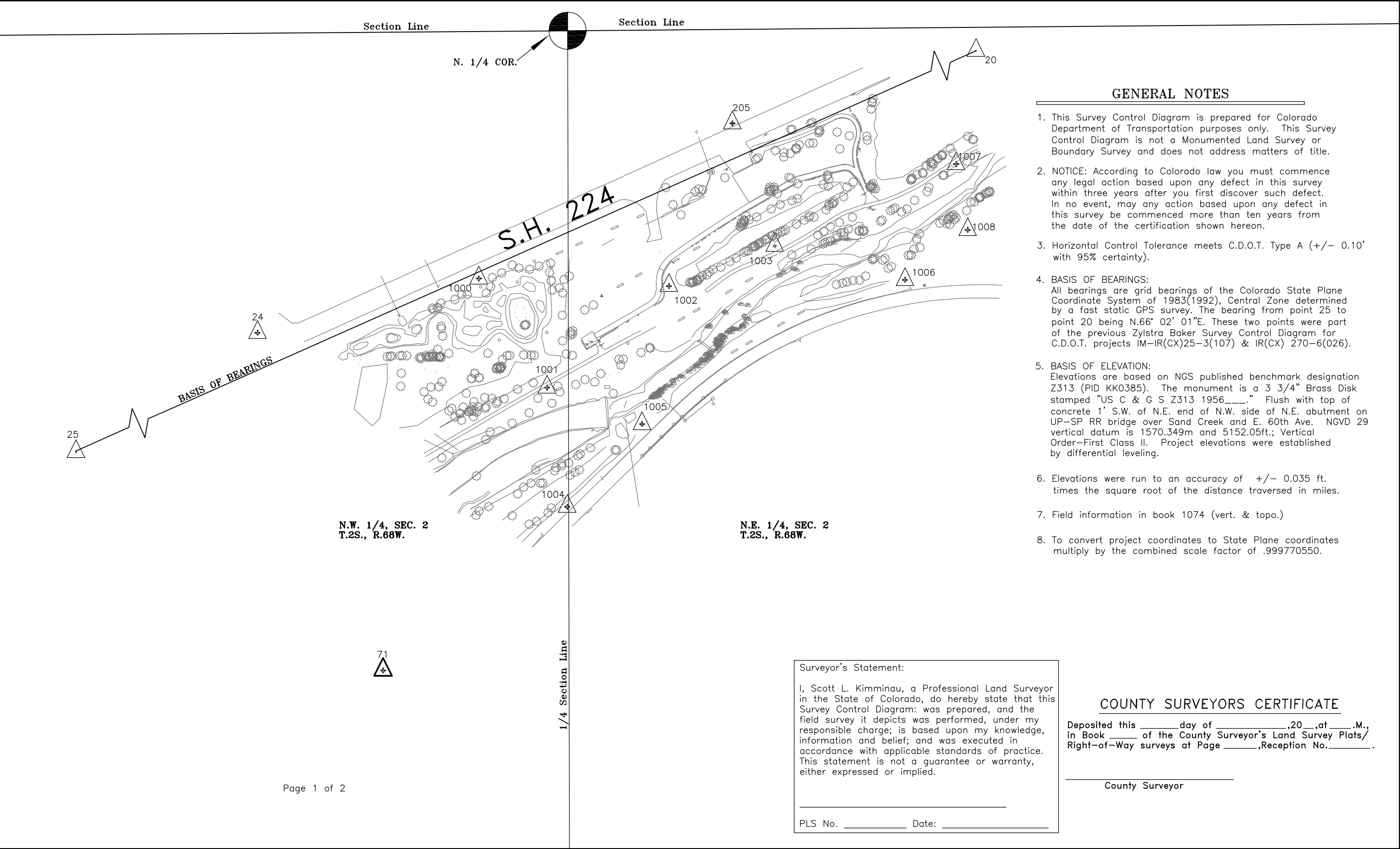
Survey Unit: Scott L. Kimminau, PLS

SUPPLEMENTAL PROJECT CONTROL DIAGRAM
IN SECTION 2, T. 2 S. , R.68W.;
of the 6th P.M.
ADAMS COUNTY

Prepared By C.D.O.T., Region 6, R.O.W.



Project Control Diagram				
Plan Sheet				
Project Number: IR(CX)270-6(026)				
Project Location: I-270 EXT., PHASE VI				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
90087	08-19-02	1 of 2	XXX	XXX



GENERAL NOTES

1. This Survey Control Diagram is prepared for Colorado Department of Transportation purposes only. This Survey Control Diagram is not a Monumented Land Survey or Boundary Survey and does not address matters of title.
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. Horizontal Control Tolerance meets C.D.O.T. Type A (+/- 0.10' with 95% certainty).
4. BASIS OF BEARINGS:
All bearings are grid bearings of the Colorado State Plane Coordinate System of 1983(1992), Central Zone determined by a fast static GPS survey. The bearing from point 25 to point 20 being N.66° 02' 01"E. These two points were part of the previous Zylstra Baker Survey Control Diagram for C.D.O.T. projects IM-IR(CX)25-3(107) & IR(CX) 270-6(026).
5. BASIS OF ELEVATION:
Elevations are based on NGS published benchmark designation Z313 (PID KK0385). The monument is a 3 3/4" Brass Disk stamped "US C & G S Z313 1956____." Flush with top of concrete 1' S.W. of N.E. end of N.W. side of N.E. abutment on UP-SP RR bridge over Sand Creek and E. 60th Ave. NGVD 29 vertical datum is 1570.349m and 5152.05ft.; Vertical Order-First Class II. Project elevations were established by differential leveling.
6. Elevations were run to an accuracy of +/- 0.035 ft. times the square root of the distance traversed in miles.
7. Field information in book 1074 (vert. & topo.)
8. To convert project coordinates to State Plane coordinates multiply by the combined scale factor of .999770550.

Surveyor's Statement:


I, Scott L. Kimminau, a Professional Land Surveyor in the State of Colorado, do hereby state that this Survey Control Diagram: was prepared, and the field survey it depicts was performed, under my responsible charge; is based upon my knowledge, information and belief; and was executed in accordance with applicable standards of practice. This statement is not a guarantee or warranty, either expressed or implied.

PLS No. _____ Date: _____

COUNTY SURVEYORS CERTIFICATE

Deposited this _____ day of _____, 20____, at _____ M.,
in Book _____ of the County Surveyor's Land Survey Plats/
Right-of-Way surveys at Page _____, Reception No. _____.

County Surveyor




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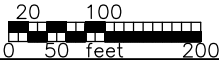
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IN SECTION 2, T. 2 S. , R.68W.;
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ADAMS COUNTY

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Project Control Diagram

Plan Sheet

Project Number: IR(CX)270-6(026)

Project Location: I-270 EXT., PHASE VI

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
90087	08-19-02	1 of 2	XXX	XXX

BASIS OF G.P.S. SURVEY (METERS)

PNT	LATITUDE (N)	LONGITUDE (W)	STATE PLANE COORDINATES		ELLIPSOID HEIGHT	ORTHOMETRIC HEIGHT	CONVERGENCE ANGLE	GRID SCALE FACTOR
			NORTH	EAST				
18	39' 49' 9.63921"	104' 57' 32.70214"	525409.254	960714.630	1550.62	1568.11	0' 20' 28.14"	1.0000145
20	39' 49' 41.60610"	104' 57' 43.42843"	526393.660	960453.691	1542.23	1559.71	0' 20' 21.38"	1.0000164
24	39' 49' 31.51115"	104' 58' 15.80804"	526077.791	959685.522	1545.17	1562.56	0' 20' 0.95"	1.0000158
25	39' 49' 25.17773"	104' 58' 32.12419"	525880.206	959298.638	1548.89	1566.28	0' 19' 50.66"	1.0000154

SURVEY CONTROL POINT TABULATION – PROJECT SPECIFIC – U.S. SURVEY FEET

PNT	NORTHING	EASTING	ELEVATION	DESCRIPTION OF MONUMENTS
18	723947.778	152618.540	5144.71 *	Fnd. 3.25" alum. cp. stmpd "CDOH GPS 18 ZBS PLS 11434 1.068023"
20	727178.188	151762.246	5117.16 *	Fnd. 3.25" alum. cp. stmpd "CDOH GPS 20 ZBS PLS 11434 1.073023"
24	726141.638	149241.434	5126.50	Fnd. 3.25" alum. cp. stmpd "CDOH GPS 24 ZBS PLS 11434 1.071010"
25	725493.247	147971.843	5138.70	Fnd. 1.5" alum. cp. stmpd "419"
71	725384.589	149523.297	5126.92 *	Fnd. 3.25" alum. cp. stmpd "CDOT GPS 71 PLS 11434 1.070015"
205	726611.477	150306.501	5121.39	Fnd. 3.25" alum. cp., slightly bent, stmpd. "CDOH 2405 PLS 11434"
1000	726263.465	149737.962	5123.67	Set CDOT Type 1 stamped "CDOT 1.071016"
1001	726018.843	149890.698	5120.05	Set CDOT Type 1 stamped "CDOT CP 1001 1.070016"
1002	726246.474	150164.063	5116.76	Set CDOT Type 1 stamped "CDOT 1.071017"
1003	726336.874	150401.477	5118.85	Set CDOT Type 1 stamped "CDOT CP 1003 1.071018"
1004	725751.560	149935.976	5122.57	Set CDOT Type 1 stamped "CDOT CP 1004 1.069016"
1005	725936.996	150103.952	5124.06	Set CDOT Type 1 stamped "CDOT CP 1005 1.70017"
1006	726260.404	150693.435	5125.18	Set CDOT Type 1 stamped "CDOT CP 1006 1.0701018"
1007	726520.204	150808.071	5115.89	Set CDOT Type 1 stamped "CDOT CP 1007 1.071019"
1008	726372.278	150834.075	5125.75	Set CDOT Type 1 stamped "CDOT CP 1008 1.070019"

* Elevations as published for previous project IM-IR(CX)25-3(107)S.H. 270 Extension
by Zylstra Baker Surveying Inc.