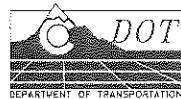


## COLORADO DEPARTMENT OF TRANSPORTATION



Region 6  
2000 S. Holly Street  
Denver, CO. 80015  
Phone: (303) 757-9923 FAX: (303) 757-9053

Survey Unit: Scott Kimminau

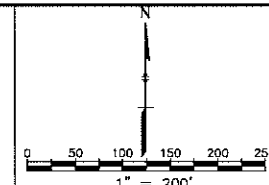
## Sheet Revisions

| Rev | Date     | Description    |
|-----|----------|----------------|
| 1   | 11/05/01 | Initial Survey |
| 2   | 11/05/01 | Final Survey   |

## Survey Control Diagram

## Plan Sheet

Project Number: Proj # STA C110-012  
Project Location: S.H. 6, 19TH TO CLEAR CREEK  
Project Location:  
Project Code: 13340  
Last Mod. Date: 11-05-01  
Subst. Sheets: XXX of XXX  
Sheet No.: XXX  
Total No. of Sheets: XXX



## LEGEND

- △ Existing GPS control recovered  
○ Supplemental control point set  
□ Traverse leg number

IN SECTION 33, T.3S., R. 70W.  
of the 6th P.M.  
JEFFERSON COUNTY

C.D.O.T. Project: STA C110-012, Project Code: 13340  
S.H. 6, 19TH TO CLEAR CREEK  
Prepared By C.D.O.T., Region 6, R.O.W.

## MONUMENTS SET, CDOT TYPE 1

| PNT | NORTHING(f) | EASTING(f) | ELEVATION(f) | DESCRIPTION OF MONUMENTS                                                 |
|-----|-------------|------------|--------------|--------------------------------------------------------------------------|
| 26  | 699076.989  | 74397.416  | 5730.34      | 3 1/4" al. cap stmpd "CDOT 4.025224" flush with grd.                     |
| 27  | 699047.540  | 74537.691  | 5725.69      | 3 1/4" al. cap stmpd "CDOT 4.025223 Control Mon." in top cntr R-10 inlet |

## MONUMENTS SET, CDOT TYPE 6, UNLESS NOTED OTHERWISE

| PNT | NORTHING(f) | EASTING(f) | ELEVATION(f) | DESCRIPTION OF MONUMENTS                           |
|-----|-------------|------------|--------------|----------------------------------------------------|
| 28  | 698156.562  | 76759.126  | 5815.14      |                                                    |
| 29  | 698468.214  | 76676.670  | 5824.01      |                                                    |
| 30  | 698729.945  | 76719.900  | 5788.87      |                                                    |
| 31  | 698667.209  | 76546.311  | 5776.74      |                                                    |
| 32  | 698583.054  | 76261.891  | 5744.49      |                                                    |
| 33  | 698563.042  | 75689.526  | 5742.09      |                                                    |
| 34  | 698557.195  | 75383.338  | 5740.55      | Fnd.1.25" Y.P.C. Stmpd. "ADG ENG 23516"            |
| 35  | 698561.348  | 75304.069  | 5735.96      | Fnd. 3.25" al. cap stmpd. "CDOT PLS23516 ROW MARK" |
| 36  | 698683.132  | 75272.012  | 5737.14      | Fnd. 1.25" Y.P.C. Stmpd. "ADG ENG 23516"           |
| 37  | 698778.315  | 75290.322  | 5736.89      |                                                    |
| 38  | 698858.328  | 75299.016  | 5734.10      |                                                    |
| 39  | 698990.253  | 75304.476  | 5727.14      |                                                    |
| 40  | 699067.600  | 75175.012  | 5698.79      |                                                    |
| 41  | 699036.595  | 75087.364  | 5696.77      |                                                    |
| 42  | 699035.290  | 75004.201  | 5694.35      |                                                    |
| 43  | 699009.236  | 74906.992  | 5693.07      |                                                    |
| 44  | 699014.977  | 74796.561  | 5689.96      |                                                    |
| 45  | 699122.336  | 74739.330  | 5689.25      |                                                    |
| 46  | 699170.225  | 74567.347  | 5689.11      |                                                    |

## GENERAL NOTES

- 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.
- 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.
- No warranty is implied or expressed unless this sheet bears the original signature and seal of the preparer.
- All coordinates listed are project coordinates only.
- Horizontal control tolerances meet CDOT Type A requirements on monuments 26 & 27. Monuments 28 through 46 were utilized to establish topography for bikepath purposes only. These monuments meet Type D requirements.
- BASIS OF BEARINGS: Geodetic bearings are based on survey control published by J.F. Sato and Associates for CDOT Project FC(CX)006-1(054).
- BASIS OF ELEVATION: Elevations are based on the same survey control mentioned above which used NGS published benchmark designation N407 (PID KK1368). The elevation as published thereon indicates NGVD 29 datum (5999.30').
- Elevations were established by differential leveling and meet the CDOT vertical accuracy standard.
- Field information in book 30K (horizontal) and book 1067 (vertical).

## TRAVERSE DATA

| NO. | DISTANCE | BEARING           |
|-----|----------|-------------------|
| A   |          | N. 86° 01' 04" E. |
| 1   | 700.310' | S. 38° 10' 14" E. |
| 2   | 483.230' | S. 39° 23' 45" E. |
| 3   | 382.136' | N. 25° 49' 09" W. |
| 4   | 815.391' | N. 44° 39' 21" W. |
| 5   | 371.211' | S. 46° 43' 03" E. |
| 6   | 322.376' | N. 14° 49' 11" W. |
| 7   | 265.277' | N. 09° 22' 44" E. |
| 8   | 184.578' | S. 70° 07' 47" W. |
| 9   | 296.609' | S. 73° 31' 03" W. |
| 10  | 572.714' | S. 87° 59' 51" W. |
| 11  | 306.244' | S. 88° 54' 22" W. |
| 12  | 79.378'  | N. 87° 00' 04" W. |

| NO. | DISTANCE | BEARING           |
|-----|----------|-------------------|
| 13  | 125.933' | N. 14° 44' 50" W. |
| 14  | 96.928'  | N. 10° 53' 19" E. |
| 15  | 80.484'  | N. 06° 12' 04" E. |
| 16  | 132.038' | N. 02° 22' 13" E. |
| 17  | 150.809' | N. 59° 08' 40" W. |
| 18  | 92.970'  | S. 70° 31' 10" W. |
| 19  | 83.174'  | S. 89° 06' 03" W. |
| 20  | 100.640' | S. 74° 59' 46" W. |
| 21  | 110.580' | N. 87° 01' 26" W. |
| 22  | 121.660' | N. 28° 03' 40" W. |
| 23  | 178.526' | N. 74° 26' 24" W. |
| 24  | 126.749' | S. 13° 34' 14" W. |

## FOUND MONUMENTS (from C.D.O.T. PROJ. FC(CX)006-1(54))

| PNT | NORTHING(f) | EASTING(f) | ELEVATION(f) | DESCRIPTION OF MONUMENTS      |
|-----|-------------|------------|--------------|-------------------------------|
| 14  | 698411.063  | 76488.892  | 5798.26      | TYPE 2A stamped "CP 4.023218" |
| 15  | 698343.014  | 75511.362  | 5758.17      | TYPE 2A stamped "CP 4.023221" |
| 16  | 698703.548  | 74704.121  | 5751.00      | TYPE 2A stamped "CP 4.024223" |
| 51  | 699627.569  | 73964.603  | 5772.65      | TYPE 2 stamped "CP 4.026211"  |

## 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 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 12<sup>th</sup> day of Dec., 2001, at DA M., in Book 69 of the County Surveyor's Land Survey Plats/Right-of-Way surveys at Page 60, Reception No. F1378810

County Surveyor \_\_\_\_\_