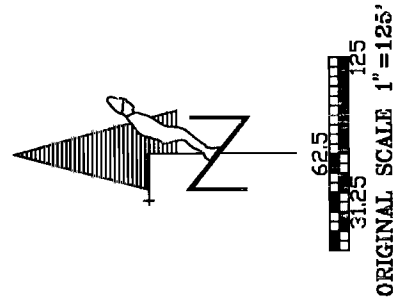




DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

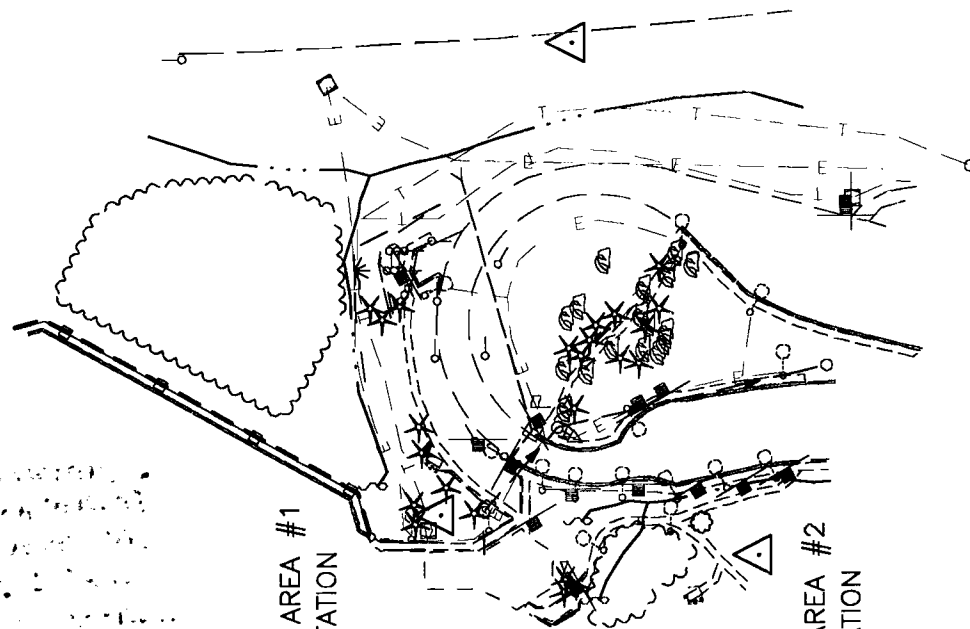
Project NH 0702-201
I-70 MP 179.91 to MP 180.00



ORIGINAL SCALE 1"=125'

SET:
VAIL PASS REST AREA #3
GPS PROJECT STATION
N: 9831.011
E: 20013.986
EL: 9828.993

SET:
VAILPASS
CHARN PROJECT STATION
N: E: EL:

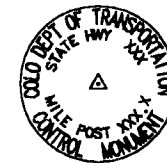


SET:
VAIL PASS REST AREA #1
GPS PROJECT STATION
N: 9842.500
E: 19685.000
EL: 9842.500

SET:
VAIL PASS REST AREA #2
GPS PROJECT STATION
N: 9626.254
E: 19710.394
EL: 9835.282

GPS COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA) (FOR INFORMATION ONLY)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELEVATION (NAVD '88)	MAPPING ANGLE	SCALE	NAD 83(92) ZONE CENTRAL		DESCRIPTION
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)	
VAIL PASS REST AREA #1	39°31'40.17903"N	106°13'05.70638"W	3211.971	-0°27'10.778"	0.999963599	493149.289	852650.072	CDOT TYPE 2 CONTROL MONUMENT
VAIL PASS REST AREA #2	39°31'38.04339"N	106°13'06.03460"W	3209.778	-0°27'10.985"	0.999963522	493083.492	852641.713	CDOT TYPE 2 CONTROL MONUMENT
VAIL PASS REST AREA #3	39°31'39.31096"N	106°13'01.66002"W	3207.868	-0°27'08.226"	0.999963568	493121.756	852746.494	CDOT TYPE 2 CONTROL MONUMENT
VAILPASS	39°31'44.04334"N	106°13'03.17212"W	3222.031	-0°27'09.179"	0.999963739	493267.980	852711.535	NGS BRASS CAP IN BOULDER



PROJECT COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV(FT)	DESCRIPTION
	NORTH (FT)	EAST (FT)		
VAIL PASS REST AREA #1	9842.500	19865.000	9842.500	CDOT TYPE 2 CONTROL MONUMENT
VAIL PASS REST AREA #2	9626.254	19710.394	9835.282	CDOT TYPE 2 CONTROL MONUMENT
VAIL PASS REST AREA #3	9831.011	20013.986	9828.993	CDOT TYPE 2 CONTROL MONUMENT

1) TYPICALLY
ON-HP - Control Monuments were set by CDOT. They were CDOT type 2 monuments. 1 1/4" dia. aluminum control monument cap (as shown) on a 3" X 3/4" dia. threaded aluminum security rod on a 3" X 3/4" dia. smooth aluminum rod.

2) Point in the Colorado High Accuracy Reference Network

CONSTRUCTION SURVEYING AND MONUMENTATION REQUIREMENTS:

- 1) This Control Survey Diagram represents the horizontal and vertical control for the project established by the Division. It is possible that some of the survey control monuments listed have been disturbed or obliterated. It is the Contractor's responsibility to verify the existence and stability of the control monuments before submitting a bid price.
- 2) All Type 1 and Type 2 monuments shall be set flush with the ground. Witness posts shall be installed 1 foot from and facing all Type 1 and Type 2 monuments, or as directed by the Project Engineer.
- 3) Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.
- 4) Legible copies of the field books shall be submitted to the Project Engineer for review on a monthly basis.
- 5) It is ultimately the prime Contractor's responsibility to insure that these requirements, as well as any contained in the CDOT specifications, project special provisions, and CDOT Survey Manual are fulfilled under this contract.
- 6) The minimum taking intervals for each item are described on the plans or in the CDOT Survey Manual. If the contractor wishes to reduce the minimum intervals, a Contract Modification Order must be negotiated and the cost of the item reduced accordingly.

BASIS OF BEARINGS: Bearings used in the calculation of coordinates are an assumed bearing of N 06°41'51" W from VAIL REST AREA #2 to VAIL REST AREA #1.

NOTE: Refer to NEW-629-1 SURVEY MONUMENTS of the STANDARD PLANS, COLORADO DEPARTMENT OF TRANSPORTATION, M & S STANDARDS MARCH 15, 1996 for survey monument descriptions. Refer to M-100-1 STANDARD SYMBOLS of the STANDARD PLANS, COLORADO DEPARTMENT OF TRANSPORTATION, M & S STANDARDS NOVEMBER 1992 for standard symbol definitions.

NOTE: This control survey is for the use of Colorado Department of Transportation personnel. The survey is not a complete boundary survey and does not subdivide land. Title policy, title commitment, and title research were not part of this control survey, therefore, easements, rights, and restrictions of record are not shown. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restrictions, as described in the instruments of record, was not included in this control survey.

NOTE: 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 statement shown.

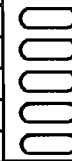
SURVEYORS STATEMENT: I, Joseph P. Conway, a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram was prepared under my supervision this 29th day of October, 1996. This is not a Land Survey Plat or Right-of-Way Survey Plat and to the best of my knowledge and belief this control survey, as shown, meets the minimum horizontal control tolerances of a Type B Survey.

Joseph P. Conway L.S. 25818

Computer File Information

Creation Date:	10/29/96	Initials:	LCJ
Last Modification Date:	11/5/96	Initials:	LCJ
Full Path:	C:\WRKDSK\VAIL		
Drawing File Name:	VAILCSD.DWG		
Acad Ver.	R12	Scale:	1"=125'
Units:	FEET		

Sheet Revisions



Colorado Department of Transportation



Survey Coordinator

Region 1
18500 E
Aurora, Colorado 80011
Phone: 303-757-9744 FAX: 303-757-9746
JPC

As Constructed

No Revisions:
Revised:
Void:

SURVEY CONTROL DIAGRAM

Sheet Subset: Survey Subset Sheets: 1/1

Project NH 0702-201

Vail Pass Rest Area

11234

Sheet Number