

Colorado Department of Transportation



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Region 1

DAS

PROJECT CONTROL DIAGRAM  
LIMON COLORADO PORT OF ENTRY  
LOCATED IN THE SOUTH HALF OF SECTION 8,  
TOWNSHIP 9 SOUTH, RANGE 56 WEST OF THE 6TH P.M.  
CITY OF LIMON, LINCOLN COUNTY, COLORADO



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CIVIL ENGINEERING & SURVEYING

Project Survey Control Diagram

TITLE & PLAN SHEET

Project Number: 553-0201 (LUND)			
Project Location: PORT OF ENTRY NORTH SIDE OF I-70			
Project Location: LIMON, COLORADO			
Project Code	Last Mod. Date	Subset Sheets	Sheet No.
55302	12-07-2010	1 of 1	3.01

BASIS OF BEARINGS:

All bearings are based on the line connecting CDOT control monument number I-70 CM-MP 360.5 (a CDOT Type II control monument flush with surface) and CDOT control monument number I-70 CM-MP 360.8 (a CDOT Type II control monument flush with surface) being a grid bearing of S 80°12'55" E 1239.87' as obtained from a global positioning system (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN). Said grid bearing is NAD 83 (1992) Colorado State Plane (Central Zone 502).

BASIS OF ELEVATIONS:

Vertical Control for this project was established by holding the published values from the CDOT control diagram project number IM 0704-185 Limon Bypass, Project code 11850 as shown hereon.

COORDINATE DATUM:

Coordinates on this project are for the use of the Colorado Department of Transportation, for the construction of this project and are considered Project Coordinates only.

NOTE: This Project Survey Control Diagram is for the use of Colorado Department of Transportation personnel. This survey does not represent a Boundary Survey, or title search performed by Lund Partnership. There may exist, easements and/or other encumbrances affecting the subject properties that are not shown hereon.

NOTE: In accordance with C.R.S. 13-80-105:  
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 statement shown.

NOTE: No guarantee as to the accuracy of the information contained hereon is either stated or implied unless this copy bears an original signature of the professional land surveyor hereon named.

SURVEYOR STATEMENT

(PROJECT SURVEY CONTROL DIAGRAM)

I, Geoffrey F. Stephenson, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project Survey Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, based upon my knowledge, information and belief it is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

Geoffrey F. Stephenson PLS No. 23521



GEODETIC COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA) - US FEET

POINT NAME	GEODETIC COORDINATES ARE NAD-83 (1992) - CHARN		(FEET) ELLIP. HEIGHT	NAD-83 (1992) ZONE 502		(NAVD 88) ELEVATION (FT)	MAPPING ANGLE	DESCRIPTION
	LATITUDE	LONGITUDE		NORTHING (FT)	EASTING (FT)			
I-70 CM-MP 360.5	39° 16' 26.33401" N	103° 41' 16.01109" W	5326.86	1529798.13	3512988.19	5391.49	01°08'34.6"	CDOT TYPE II MONUMENT
I-70 CM-MP 360.8	39° 16' 24.01132" N	103° 41' 00.53484" W	5311.40	1529587.50	3514209.64	5376.06	01°08'44.4"	CDOT TYPE II MONUMENT

PROJECT COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA) - US FEET

POINT NAME	PROJECT COORDINATES		(NAVD 88) ELEVATION (FT)	DESCRIPTION
	NORTHING (FT)	EASTING (FT)		
I-70 CM-MP 360.5	217951.32	233272.08	5391.49	CDOT TYPE II MONUMENT
I-70 CM-MP 360.8	217740.61	234493.91	5376.06	CDOT TYPE II MONUMENT

NOTE:  
A CDOT TYPE II MONUMENT IS A 3 1/4" ALUMINUM CAP ON 3/4" ALUMINUM ROD SET IN GROUND.

