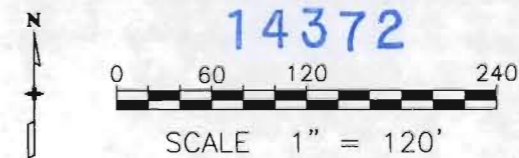


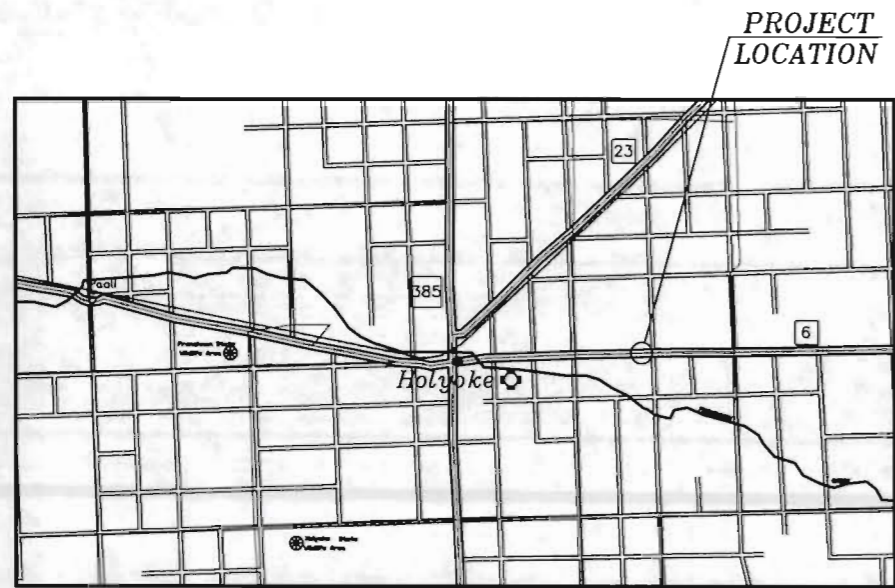


Region 4
Address: 1420 2nd Street
Greeley, CO 80631
Phone: (970) 350-2153 FAX: (970) 350-2178

RIGHT OF WAY PLANS UNIT: David G. Mantych



RIGHT OF WAY PLANS				
TITLE / TAB / MONUMENTATION / PLAN SHEET				
PROJECT NUMBER: STA R400-146				
PROJECT LOCATION: Structure B-28 East of Holyoke				
PROJECT LOCATION:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
14372	03-09-04	1 of 1	1	3



VICINITY MAP - N.T.S.

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

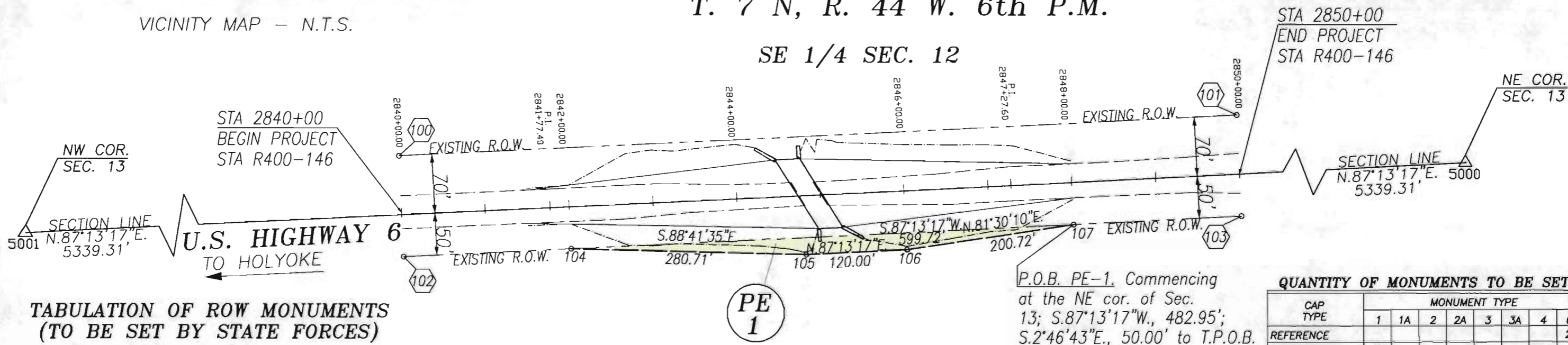
RIGHT OF WAY PLAN OF PROPOSED
FEDERAL AID PROJECT NO. STA R400-146
STATE HIGHWAY NO. 6
PHILLIPS COUNTY
RIGHT OF WAY
LENGTH OF PROJECT: 1000 FEET

NOTES

1. DISPLAY DATA MATCHES AS RECORDED INFORMATION. NO ADDITIONAL LAND SURVEY PERFORMED.
2. BASIS OF BEARING: ALL BEARINGS ARE BASED ON A LINE CONNECTING THE SW COR. OF SECTION 12 T. 7 N., R. 44 W., 6TH P.M. (3" ALUM CAP IN MONUMENT BOX - PLS 8142 AND THE SE CORNER OF SECTION 12 (5/8" REBAR W/CAP - PLS 10586 AS BEARING N.87°13'17"E.

T. 7 N, R. 44 W. 6th P.M.

SE 1/4 SEC. 12



**TABULATION OF ROW MONUMENTS
(TO BE SET BY STATE FORCES)**

POINT NO.	NORTHING	EASTING
100	489230.792	961406.276
101	489279.287	962405.413
102	489110.926	961411.935
103	489159.394	962410.528

**TABULATION OF EASEMENT
POINTS TO BE STAKED**

POINT NO.	NORTHING	EASTING	REMARKS
104	489120.624	961611.750	TO BE MONUMENTED
105	489114.221	961892.383	
106	489120.039	962012.242	
107	489149.698	962210.760	TO BE MONUMENTED

NE 1/4 SEC. 13

P.O.B. PE-1. Commencing at the NE cor. of Sec. 13; S.87°13'17"W., 482.95'; S.2°46'43"E., 50.00' to T.P.O.B.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	6
REFERENCE								2
RIGHT OF WAY	4							
CONTROL								
ALIQUOT CORNER								
WITNESS POST								

SURVEYOR CERTIFICATE (FIELD)

Control Survey and Monumentation was done under my supervision and checking.

NAME _____ P.L.S. NO. _____
DATE _____

SURVEYOR CERTIFICATE (OFFICE)

R.O.W. Plans and Legal Descriptions were prepared under my supervision and checking.

NAME _____ P.L.S. NO. _____
DATE _____

R.O.W. TABULATION OF PROPERTIES IN PHILLIPS COUNTY S.H. 6						
PARCEL NO.	OWNER	ADDRESS	LOCATION	PARCEL AREA (SQ. FT.)	REMARKS	RECORDING INFORMATION
PE-1	MAILANDER FAMILY PARTNERSHIP, LTD BOOK 281 PAGE 98	47493 HWY. 6 HOLYOKE, CO 80734	NE 1/4 SECTION 13 T. 7 N., R. 44 W.	7197	FOR CONST. OF WINGWALL	



Region 4
1420 2nd Street
Greeley, CO 80631
Phone: (970) 350-2173 Fax: (970) 350-2223

Survey Unit: Mark Guerrero

Sheet Revisions	
mm/dd/yy	

US 6 458.915 RP to 459.000 RP
Phillips County, Colorado
Sections 12 & 13, Township 7 North, Range 44 West, 6th P.M.

Project Number: STA R400-146				
Project Location: Bridge Rehabilitation of structure B-28-A				
Project Location: east of Holyoke in Phillips County				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
14372	01/22/2004	1 of 2	3	2

PROJECT COORDINATES SUMMARY TABLE (FEET)

POINT NAME	PROJECT COORDINATES		ELEV (NAVD 88)	DESCRIPTION
	NORTHING	EASTING		
CP 5879 (MP 458.79)	489168.904	960936.111	3688.79	CDOT Type II Control Monument
CP 5889 (MP 458.89)	489218.108	961473.920	3683.34	CDOT Type II Control Monument
CP 5899 (MP 458.99)	489215.660	962000.796	3682.64	CDOT Type II Control Monument
CP 5912 (MP 459.12)	489266.044	962654.242	3684.25	CDOT Type II Control Monument

GEODETIC COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. HEIGHT	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
CP 5879 (MP 458.79)	40° 35' 08.37005"	102° 12' 44.89050"	1103.207	2° 07' 27.06021"	0.999973895	449008.149	1192652.648
CP 5889 (MP 458.89)	40° 35' 08.65883"	102° 12' 37.90229"	1101.543	2° 07' 31.57553"	0.999973903	449023.144	1192816.539
CP 5899 (MP 458.99)	40° 35' 08.44155"	102° 12' 31.08050"	1101.327	2° 07' 35.98331"	0.999973897	449022.397	1192977.098
CP 5912 (MP 459.12)	40° 35' 08.69933"	102° 12' 22.59422"	1101.815	2° 07' 41.46659"	0.999973904	449037.752	1193176.229
Tormohlen (HARN Pt.)	40° 35' 08.89449"	102° 04' 04.46888"	1071.654	2° 13' 03.32205"	0.999973910	449487.899	1204881.478
U385 MP284.55 (Densification Pt.)	40° 39' 33.62201"	102° 18' 01.23760"	1129.710	2° 04' 02.65777"	0.999982230	456912.625	1184923.240

BASIS OF BEARINGS: Bearings used in the calculations of coordinates are based on a grid bearing of N 69° 35' 39" W from the HARN Point "TORMOHLEN" (NGS stainless steel deep rod stamped TORMOHLEN 1991), Section 8, Township 7 North, Range 42 West, Sixth P.M. and the Densification Point "U385 MP284.55" (NGS brass cap set in a concrete post stamped U385 MP284.55), Section 18, Township 8 North, Range 44 West, Sixth P.M. as obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

BASIS OF ELEVATIONS: Project is based on a NAVD 88 elevation of 1122.370m on NGS benchmark "C 213" (NGS brass cap set in a concrete post stamped "C 213 1934"). All other project elevations were derived from a level loop of the project control.

COORDINATE DATUM: Project coordinates are modified Colorado State Plane North Zone NAD 83(92) coordinates. State Plane Coordinates were modified to a mean project elevation of 1122.685m. The combined elevation/scale factor used to modify the coordinates was 0.9997977482. Project Coordinates are truncated by 300,000 in the Northing and 900,000 in the Easting. The CHARN is based on NAD 83(92) datum.



Typical Control Monument Cap
Not to Scale

▲ CP - Control Point Monuments set by CDOT.

They are CDOT Type 2 monuments: a 3-1/4" dia. aluminum control monument cap (as shown) on a 3' X 3/4" dia. finned aluminum security rod and a 3' X 3/4" dia. smooth aluminum rod.

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.

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

SURVEYORS STATEMENT: I, Lee K. Groves, a Professional Land Surveyor in the State of Colorado, hereby state that this Project Control Diagram was prepared under my direct supervision this _____ day of _____, from a field survey performed under my supervision and checking on behalf of the Department of Transportation, State of Colorado, and 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 CDOT Type B Survey and this topographic survey, as shown, meets the minimum horizontal control tolerances of a CDOT Type D Survey as listed in the Colorado Department of Transportation Survey Manual Chapter Three (Revised 4/29/92).

Lee K. Groves L.S. 34169

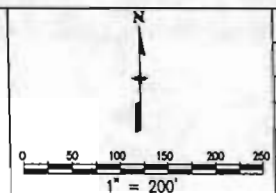


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Sheet Revisions

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US 6 458.915 RP to 459.000 RP
Phillips County, Colorado
Sections 12 & 13, Township 7 North, Range 44 West, 6th P.M.



Project Control Diagram

Plan Sheet				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
14372	01/22/2004	2 of 2	3-A	2

Survey Unit: Mark Guerrero

