CO

Region 3

222 South 6th Street Grand Junction, CD 81501 Phone: 970-683-6234 FAX: 970-683-6249

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	Sheet Revisions		Sheet Revisions				
Date	Description	Initials	Date	Description	Initials		
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4755 FORGE ROAD, SUITE 150 COLORADO SPRINGS, COLORADO 80907 (719) 590-9194 / (719) 590-9111 Fax

Right of Way Plans								
Title Sheet								
ject Nu	mber: NHPP	0402-093						
ject Lo	cation: US 4	0 - CRAIG						
	SIGNAL REPLACEMENT							
ct Code:	Last Mod. Date	Subset	Sheet No.					
0969	05-18-2016	1.01 of 1.01	1.01					

Λ QUARTER AND SIXTEENTH SECTION CORNER $\langle 1 \rangle$ 1 SET EASEMENT TEMPORARY RIGHT DF WAY MONUMENT EASEMENT POINT BLM PP CHARTER AND SIXTEENTH BLM MARKER MIJAA MARKER SECTION CORNERS (TOPO POINT) ⊕ WC USGS FED WC FEDERAL MONUMENT WITNESS CORNER BENCH MARK USGS MARKER • ROW LOCAL OR PLSS SECONDARY CONTROL RIGHT OF WAY MONUMENT N 10.13 E 3.81 EL 0.00 N 10.38 E 3.81 EL 0.00 PROJECT CONTROL DENSIFICATION HIGH ACCURACY REFERENCE CONTROL MONUMENT NETWORK CONTROL MONUMENT

PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE (PROPOSED AND EXISTING)

TEMPORARY EASEMENT LINE (PROPOSED AND EXISTING)

PROPERTY BOUNDARY LINE (PROPOSED AND EXISTING)

— 1111 —

BARRIER ACCESS CONTROL LINE (PROPOSED AND EXISTING)

VIRGIN RIGHT OF WAY LINE (PROPOSED AND EXISTING)

ACCESS CONTROL LINE (PROPOSED AND EXISTING)

RIGHT OF WAY LINE (PROPOSED AND EXISTING)

- 111 -

COUNTY LINE

SECTION LINE

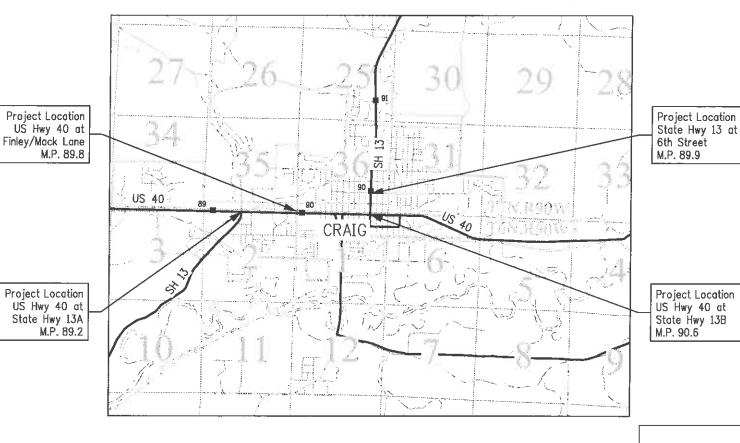
STATE LINE TOWNSHIP LINE

QUARTER SECTION LINE

SIXTEENTH SECTION LINE

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED PROJECT NO. NHPP 0402-093 U.S. HIGHWAY NO. 40 **MOFFAT COUNTY**



SHEET NO. INDEX OF SHEETS

1.01 (1) Title Sheet (NA) Tabulation of Properties 3.01-3.03

Proj

Proj

7.01

(3) Project Control Diggram (5) Land Survey Control Diagram 4.01-4.05 (NA) Monumentation Sheets

(NA) Tabulation of Road Approach Sheets (1) Exhibit

(NA) Ownership Map

(10) Total Sheets

Scales of Original 11"x17" Drawings Plan Sheets 1"=50"

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S88° 01'53"E from CM-MP 89.8 to CM-MP 90.6. Both monuments are 1" brass caps, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

- 1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
- 2. For title information, The Colorado Department of Transportation relied on Title Commitments prepared by H.C. Peck & Associates, Inc. for Farnsworth Group.
- 3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDDT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

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.

COLORADO DEPARTMENT OF TRANSPORTATION STATE HIGHWAY PROJECT

CDDT RIGHT OF WAY MANAGER WOODMANY

SURVEY/ROW

TOP OF CUT TOE OF FILL

TERRAIN

Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication. Existing topo features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening, except as noted with the word (proposed).

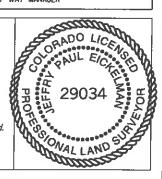
PROJECT LOCATION MAP

	1/2MILE	1	MILE		2	MILE
Lir	neal Units	=	U.S.	Survey	Feet	

SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)

I, <u>Jeffry P. Eickelmon</u>, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge 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.

PLS No. 29034



co Region 3

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	Sheet Revisions			Sheet Revisions	
Date	te Description		Date	Description	Initials



4755 FORGE ROAD, SUITE 150 COLORADO SPRINGS, COLORADO 80907 (719) 590-9194 / (719) 590-9111 Fax

Project Control Diagram								
	Title Sheet							
Project Nu	mber: NHPP	0402-093						
Project Lo	cation: US 4	0 - CRAIG						
	SIGNAL REPLACEMENT							
Project Code: Last Mod. Date Subset Sheet No.								
20969	05-18-2016	3.01 of 3.03	3.01					

INDEX OF SHEETS Title Sheet

Coordinate Tables

Plan Sheet

(3) Total Sheets

(1)

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

PROJECT CONTROL DIAGRAM

US 40 at MM89.3, US 40 at MM89.9, and SH 13 at MM89.8 Sections 35 and 36, Township 7 North, Range 91 West and Sections 1 and 2, Township 6 North, Range 91 West of the 6th Principal Meridian County of Moffat

\triangle QUARTER, SIXTEENTH, SECTION CORNER (1) 1 SET EASEMENT RIGHT OF WAY TEMPORARY MONUMENT EASEMENT POINT MARKER QUARTER, SIXTEENTH, PROPERTY PIN NOAA MARKER BLM MARKER AND SECTION CORNERS WC. BENCH MARK USGS MARKER FEDERAL MONUMENT WITNESS CORNER LOCAL OR PLSS SECONDARY CONTROL RIGHT OF WAY MONUMENT © N 10.13 E 3.81 EL 0.00 PROJECT CONTROL DENSIFICATION HIGH ACCURACY REFERENCE CONTROL MONUMENT NETWORK CONTROL MONUMENT

Note: For a complete listing of symbololyy used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

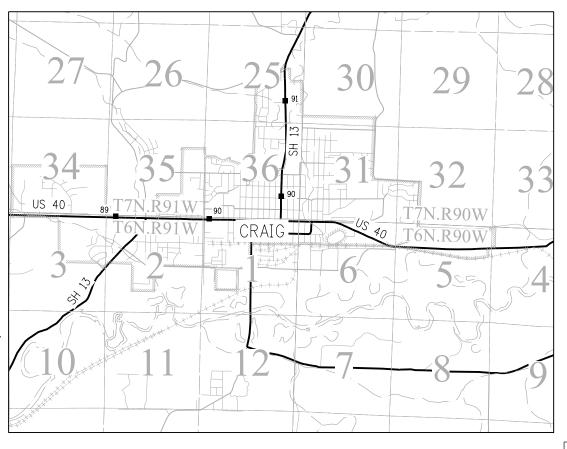


Typical Control Monument Cap Not to Scale

CM-MP - Control Point Monuments set by CDDT. They are CDDT Type 2 monuments, a $3\frac{1}{4}$ " dia. aluminum control monument cap (as shown) on a $3' \times \frac{3}{4}''$ dia. aluminum security rod on a $3' \times \frac{3}{4}''$ dia. smooth aluminum rod.

General Notes:

- 1. This Project Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
- 2. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
- 3. Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in The Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.



Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S88° 01'53"E from CM-MP 89.8 to CM-MP 90.6. Both monuments are 1" brass caps, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey base on the Colorado High Accuracy Reference Network (CHARN).

SHEET NO.

3.02

3.03

Basis of Elevations: Project elevations are based on Bench Mark M 154, PID: LM0436, a standard bench mark disk with a NAVD 88 elevation of 6385.53ft. All other project control points were then tied by means of running a bench loop. GPS network ties were made to other benchmarks as shown.

COORDINATE DATUM: Project coordinates are ground modified Colorado State Plane North Zone NAD '83/(2011) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.000327877. The resulting project coordinates are truncated by 1.400,000ft in the Northing and 2,000,000ft in the Easting after converting from state plane coordinates to project coordinates. The CHARN is based on the NAD '83(2011)

Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing * 1.000327877 - 1,400,000).

Project Coordinates Easting US Survey Feet = (State Plane Coordinate Easting * 1.000327877 - 2,000,000).

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.

SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)

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

PIS No 29034

PROJECT LOCATION MAP

1∕2MILE 1 MILE Lineal Units = U.S. Survey Feet

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222 South 6th Street Grand Junction, CD 81501 Phone: 970-683-6234 FAX: 970-683-6249

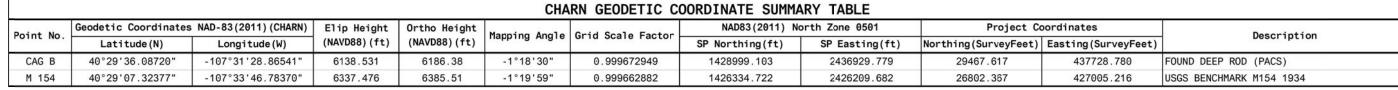
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Date	Description	Initials	Date	Description	Initials	



1099 MAIN AVE. SUITE 302 DURANGO, CO 81301 (970) 403-5822 / (719) 591-9111 Fax www.f-w.com

Project Control Diagram								
Coordinate Tables								
Project Nu	Project Number: NHPP 0402-093							
Project Lo	cation: US 4	0 - CRAIG						
	SIGNAL REPLACEMENT							
Project Code:	Last Mod. Date	Subset	Sheet No.					
20969	05-18-2016	3.02 of 3.03	3.02					







_ [GEODETIC COORDINATE TABLE											
	Point No.	Geodetic Coordinates	nates NAD-83(2011)(CHARN) Elip Height Ortho Height		t Mapping Angle Grid Scale Factor	Grid Scale Factor	NAD83(2011) North Zone 0501		Project Coordinates		Description	
$/ \setminus 1$	FUTIL NO.	Latitude(N)	Longitude(W)	(NAVD88) (ft)	t) (NAVD88)(ft)	mapping Angre	di la scale Factor	SP Northing(ft)	SP Easting(ft)	Northing (SurveyFeet)	Easting(SurveyFeet)	Description
XX	CAG B	40°29'36.08720"	-107°31'28.86541"	6138.531	6186.38	-1°18'30"	0.999672949	1428999.103	2436929.779	29467.639	437728.792	FOUND DEEP ROD (PACS)
	M154	40°29'07.32377"	-107°33'46.78370"	6337.476	6385.51	-1°19'59"	0.999662882	1426334.722	2426209.682	26802.384	427005.180	USGS BENCHMARK M154 1934
lack	M898	40°30'51.41592"	-107°33'46.59598"	6138.456	6186.80	-1°19'59"	0.999674562	1436865.238	2426469.218	37336.354	427264.803	FOUND CDOT TYPE 5(S) MOMUMENT - M898 US40
	M899	40°30'58.44751"	-107°32'50.67195"	6147.190	6195.40	-1°19'22"	0.999674303	1437476.525	2430803.699	37947.840	431600.704	FOUND CDOT TYPE 5(S) MOMUMENT - M899 SH13B
	M902	40°30'51.55876"	-107°33'15.53279"	6141.656	6190.00	-1°19'39"	0.999674413	1436823.997	2428868.028	37295.100	429664.398	FOUND CDOT TYPE 5(S) MOMUMENT - M902
	M906	40°30'50.92169"	-107°32'48.67701"	6144.298	6192.44	-1°19'21"	0.999674273	1436711.585	2430940.151	37182.650	431737.200	FOUND CDOT TYPE 5(S) MONUMENT - M906

Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing

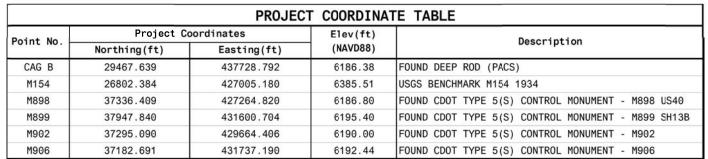
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* 1.000327877 - 1,400,000).

Project Coordinates Easting US Survey Feet = (State Plane Coordinate Easting

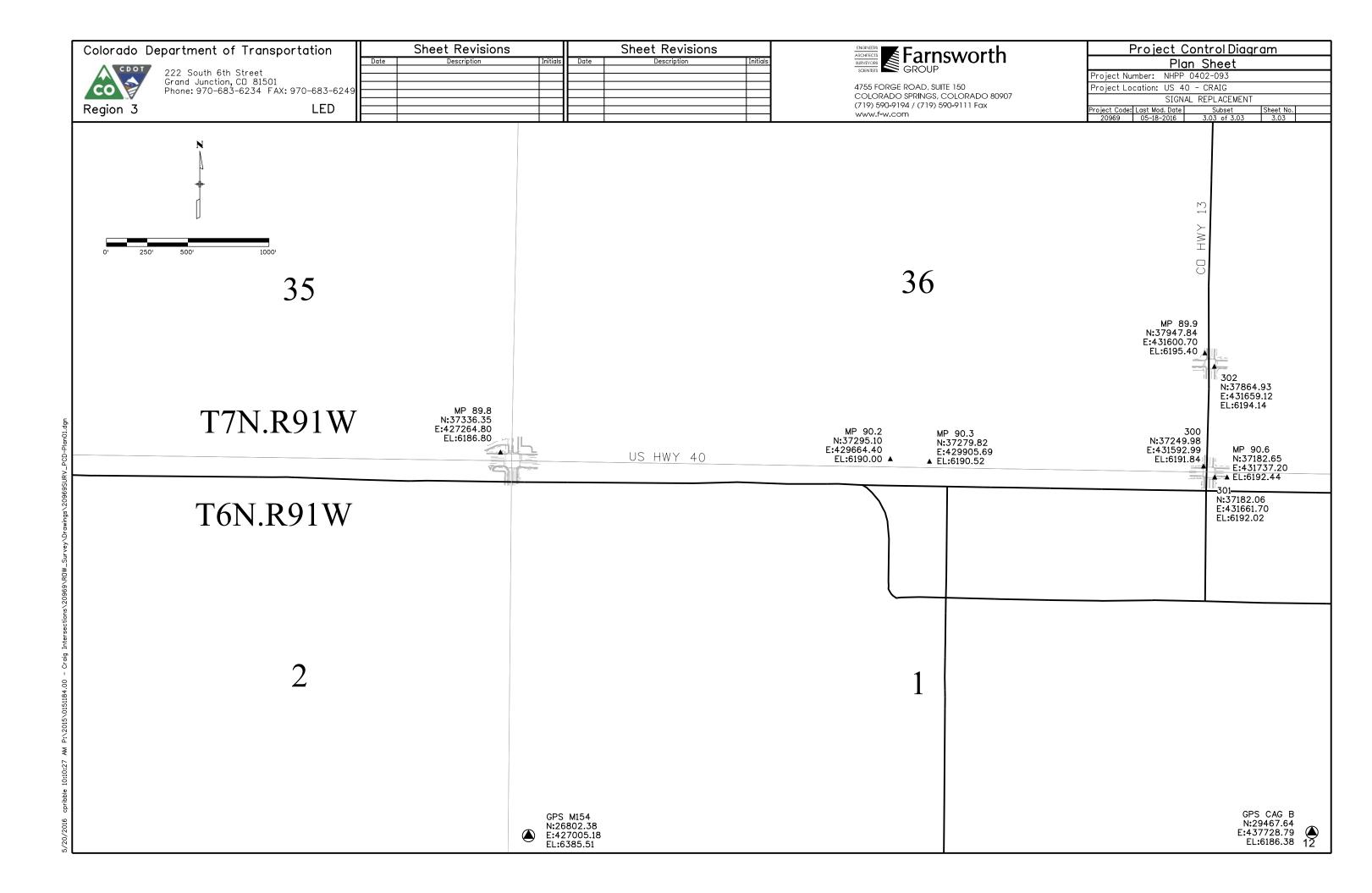
* 1.000327877 - 2,000,000).







		SUPPLEMENTAL	PROJECT CO	ORDINATE TABLE
Point No.	Project Co	Project Coordinates		Description
Politic No.	Northing(ft)	Easting(ft)	(NAVD88)	Description
M903	37279.817	429905.686	6190.52	CDOT TYPE 5(S) PROJECT CONTROL MONUMENT - M903
300	37249.980	431592.990	6191.84	USGS BENCHMARK M154 1934
301	37182.060	431661.700	6192.02	FOUND CDOT TYPE 5S CONTROL MONUMENT - M898 SH13B
302	37864.930	431659.120	6194.14	FOUND CDOT TYPE 5S CONTROL MONUMENT - M899 SH13B



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4755 FORGE ROAD, SUITE 150 COLORADO SPRINGS, COLORADO 80907 (719) 590-9194 / (719) 590-9111 Fax

Land Survey Control Diagram				
Title Sheet				
roject Number: NHPP 0402-093				
roject Location: US 40 - CRAIG				
SIGNAL REPLACEMENT				
oject Code:	Last Mod. Date	Subset	Sheet No.	
20060	05-18-2016	4.01 of 4.05	4.01	

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© N 10.13 E 3.81 EL 0.00

DENSIFICATION

CONTROL MONUMENT

Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

HIGH ACCURACY REFERENCE

NETWORK CONTROL MONUMENT

General Notes:

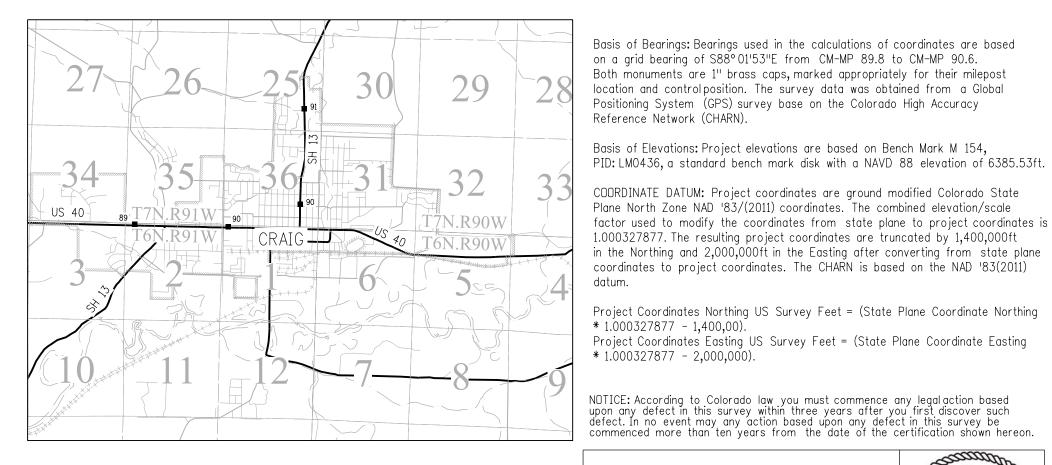
PROJECT CONTROL

- 1. This Land Survey Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only. No determination has been made to determine if the found monuments as shown are in their proper position or if they are at the corners they are intended to monument.
- 2. Title policy, title commitment, and title research are not part of this survey, therefore easements, rights, and restrictions of record were not researched and are not shown on this diagram. The verification of the physical evidence with relation to easements, rights of ways, property boundaries, and restrictions, as described in the instruments of record, were not included in this control survey.
- 3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
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DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

LAND SURVEY CONTROL DIAGRAM

US 40 at MM89.3, US 40 at MM89.9, and SH 13 at MM89.8 Sections 35 and 36, Township 7 North, Range 91 West and Sections 1 and 2, Township 6 North, Range 91 West of the 6th Principal Meridian County of Moffat



4.02

SHEET NO.

4.03-4.05

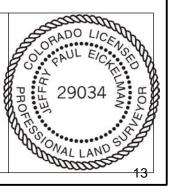
INDEX OF SHEETS

- Title Sheet
- Monument Coordinate Tables
- (3) Plan Sheet
- (5) Total Sheets

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PIS No 29034



PROJECT LOCATION MAP

V₂MILE 1 MILE Linear Units = U.S. Survey Feet



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Land Survey Control Diagram				
Monument Coordinate Tables				
Project Number: NHPP 0402-093				
Project Location: US 40 - CRAIG				
SIGNAL REPLACEMENT				
Project Code: Last Mod. Date Subset Sheet No.				
20969	05-18-2016	4.02 of 4.05	4.02	

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FOUND ALIQUOT MONUMENT COORDINATE TABLE				
Point No.	Northing(ft)	Easting(ft)	Description	
31569	37287.45	427333.96	NO. 4 REBAR IN BOX	
31575	37244.39	429980.91	RANGE BOX FULL OF WATER	
31604	37201.37	432626.11	2" ALUMINUM CAP - NOT LEGIBLE	

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	FOUND MISC. MONUMENT COORDINATE TABLE				
Point No.	Northing(ft)	Easting(ft)	Description		
32594	37403.48	424101.54	3" BRASS CAP - POSSIBLE CDOT BM		

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FOUND BOUNDARY MONUMENT COORDINATE TABLE			
Point No.	Northing(ft)	Easting(ft)	Description
31100	37176.23	431885.47	1.25" WASHER - PLS 14815
31421	37851.52	431866.21	NO. 4 REBAR - NO CAP
31422	37852.46	431821.36	1.25" YPC - EPPR ASSOC. INC.
31518	37253.32	431441.44	MAG NAIL
31519	37253.73	431416.45	MAG NAIL
31560	37289.20	429593.13	1.25" YPC - NOT LEGIBLE
31561	37288.31	429659.65	2" PIPE IN CONCRETE
31562	37309.41	428961.30	1.5" WASHER - EPP & ASSOC. PLS 14815
31563	37313.77	428691.14	1.25" YPC - EPP & ASSOC. PLS 14815
31565	37316.39	428531.34	1.5" WASHER - EPP & ASSOC. PLS 14815
31567	37336.36	427379.99	1" OPC - LW POWERS PLS 13901
31570	37936.16	427393.06	1" OPC - LW POWERS PLS 13901
31578	36731.25	431578.57	1/4" STEEL ROD IN CONCRETE
31581	36956.04	431581.64	1.25" ALUM. WASHER - PLS14815
31584	37006.06	431582.51	1.25" ALUM. WASHER - PLS14815
31587	36930.04	431659.20	1/4" IRON ROD - POSSIBLE 2' WC
31590	38624.66	431689.00	NO. 5 REBAR - NO CAP
31591	38774.46	431691.31	1.25" YPC - EPP & ASSOC. PLS 14815
31592	38824.71	431692.24	1" STEEL ROD
31593	38874.66	431692.52	2" O.D. PIPE
31594	39000.91	431614.88	NO. 5 REBAR W/ RPC - NOT LEGIBLE
31595	38751.24	431611.52	NO. 5 REBAR - NO CAP
31596	38416.52	431605.32	NO. 4 REBAR - NO CAP
31597	38316.18	431604.13	1.25" YPC - EPP & ASSOC. PLS 14815
31598	37234.96	427668.49	CHISELD CROSS
31599	37233.13	427784.39	1.25" YPC - EPP & ASSOC. PLS 14815
31600	37322.98	428145.46	NO. 5 REBAR - NO CAP
31602	37227.09	428149.23	NO. 5 REBAR - NO CAP
32238	37446.20	423954.63	NO. 5 REBAR W/ RPC - NOT LEGIBLE
32445	37204.68	423977.26	NO. 5 REBAR W/ RPC - NOT LEGIBLE
32980	37044.67	427093.17	NO. 5 REBAR W/ YPC - PLS 14823
32981	37040.32	427301.30	NO. 5 REBAR - BENT, NO CAP
32987	37443.49	423868.18	NO. 5 REBAR - NO CAP

