Colorado Department of Transportation

222 South 6th Street Room 317 Grand Junction, CO 81501 Phone: 970-683-6234 FAX: 970-683-6249

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Sheet Revisions				Sheet Revisions	Sheet Revisions				
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials	
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Right of Way Plans TITLE SHEET

Project Number: CC 340A-012

Project Location: Intersection of I-70 & State Hwy 340

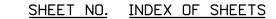
Project Location: City of Fruita, Mesa County, Colorado

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED STATE PROJECT NO. CC 340A-012 STATE HIGHWAY NO. 340

SECTION 17, TOWNSHIP 1 NORTH, RANGE 2 WEST, UTE MERIDIAN **MESA COUNTY**

RIGHT OF WAY PROJECT CODE NO. 15850



RW 1.01

(1) Title Sheet

RW 2.01 -2.01

(1) Tabulation of Properties

RW 3.01 - 3.02

(2) Control Diagram

RW 4.01 - 4.01

(1) Monumentation Sheet

RW 5.01 - 5.03 RW 6.01 - 6.01 (3) Plan Sheets

MP 0.800 STA 11+56.2 [S 0340 (1)]

(1) Ownership Sheets

M-100-1

(3) Standard Symbols

M-629-1

(2) Survey Monuments

Begin ROW Project CC 340A-012 MP 0.245 STA 7+25 [I70 1(15) Sec. 2] FRUITA End ROW Project CC 340A-012

16 15 T1N.R2W 19 30 29 28 PROJECT LOCATION MAP 1250' 5000'

COLORADO DEPARTMENT OF TRANSPORTATION

AUTHORIZED:

DATE

DIVISION ADMINISTRATOR

Right of Way Plans Sheet Revisions Sheet Revisions Sheet Revisions Colorado Department of Transportation Date Description Description Description Tabulation of Properties 222 South 6th Street Room 317 Grand Junction, CD 81501 Phone: 970-683-6234 FAX: 970-683-6249 Project Number: CC 340A-012 Project Location: State Highway 340 at Fruita Project Location: Town of Fruita, Mesa County, Colorado Project Code: Last Mod. Date Subset Sheets Sheet No. Total No. of Sheets 15850 08-29-2007 2.01 of 2.01 2.01 14 LED Region 3 Book and Page No. And/Or Reception No. Parcel Area In Square Feet Owner Address Title Commitment No. Remarks Location No. Existing ROW Net Area Section, Township, Range, M. Sec 17, T1N, R2W, UTE M. 9835.07 9835.07 218801.88 CDOT/ State of Colorado 4201 East Arkansas Avenue 100 0.226 Acres Denver, CO 80222 (5.023 acres

Colorado Department of Transportation

Region 3

222 South 6th Street Room 317

Grand Junction, CD 81501 Phone: 970-683-6234 FAX:

	Date	Description	1111
970-683-6249			
970-003-0249			
LED			

Found CP 608

F: 113181.24

EL: 4489.21

US 6&50 MP19.85

CDOT Type 2 MON N: 187447.63

Found MCSM 261-1

N: 186543.90

E: 114031.57

MCSM 3.5" Brass Cap

W1/4Cor Sec 17, T1N, R2W Ute M

Sheet Revisions

State Hwy 340 MP 0.0 to 0.9 Located in

Section 17 & 18, TOWNSHIP 1 NORTH, RANGE 2 WEST UTE MERIDIAN MESA COUNTY, COLORADO

Project Control Diagram Title Sheet

Project Number: CC 340A-012

Project Location: Intersection I-70 and State HWY 340 Project Location: City of Fruita, Mesa County Colorado

Project Code: Last Mod. Date Subset Sheets Sheet No. Total No. of Sheet

BASIS OF BEARINGS: Bearings in the calculations of coordinates are based on a grid bearing of NI° 42'07"W from the SW corner Sec. 17 (3.5" MCSM Brass Cap) and the W1/4corner of Sec. 17 (3.5" MCSM Brass Cap) 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 elevation of 4504.08 Feet on Control Point 0004, a CDDT Type II Control Monument, established on project STA 006A-032 Therefore elevations were not verified to any existing Bench Mark Datums. Other Control Point elevations were established using differential levels.

COORDINATE DATUM: Coordinates on this project are for the exclusive use of the CDOT for the construction of this project and are considered Project Coordinates only

> CP - Control Point Monuments set by CDOT. They were CDOT type 2 monuments, a 3-1/4" dia. aluminum control monument cap (as shown) on a $3' \times 3' / 4''$ dia. finned aluminum security rod on a $3' \times 3' / 4''$ dia. smooth aluminum rod.

NOTE: This control survey is for the use of the Colorado Department of Transportation personnel. The survey is not a complete Boundary Survey. Title Policy, Title Commitment, and Title Research were not part of this control survey, therefore, easements, rights of way, property boundaries, and restriction, as described in the instruments of record, were not included in this control survey.

NOTE: According to Colorado law you must commence any legalaction 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 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 hereon named.

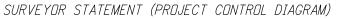
🕀 Mesa County Survey Monument – Section Corner

Mesa County Survey Monument - Quarter Corner

2 Found CP 706 US 6&50 MP20.30R CDOT Type 2 MON N: 186102 19 E: 115576.06

Construction Surveying and Monumentation Requirements

- This Project Control 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
- 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. Installation of Type 3 and Type 3-A monuments shall be completed in the same day that installation is commenced. Under no circumstances shall holes in the roadway be left open overnight.
- 4. When installing Type 3-A monuments, the aluminum monument box shall be positively secured in the roadway surface. The monument box shall be caulked with asphalt caulking between the monument box and the edges of the roadway surface to provide a positive moisture barrier around the monument box.
- 5. Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.
- 6. Legible copies of the field books shall be submitted to the Project Engineer for review on a monthly basis.
- 7. It is ultimately the prime Contractors 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.
- 8. The minimum staking intervals for each item are described on the plans or in the CDDT 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
- 9. Whenever the contract includes the setting of CDOT Type 2 monuments, a Project Control Diagram, signed and sealed by the P.L.S. in responsible charge, shall be submitted to the Project Engineer. An AutoCad drawing on CD shall accompany the



I, Leslie E. Doehling , 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 I. Leslie E. Doehling not a guaranty or warranty, either expressed or implied.

Leslie E. Doehling PLS No. 31551

oject number: CC 340A-012 roject identifier: Fruita Interchange-15850 oute STATE HWY 340, from MP 0.0 to MP 0.9 ject location: City of Fruita in Mesa County, Colorado

CDOT CONTROL MONUMENT A 3.25" DIA. ALUMINUM CAP

ON A 3/4" DIA. ALUMINUM ROD

39°09'29.17459"N Project Latitude 108°44'16.40044"W roject Longitude

4500 000sf Colorado Central Scale Factor

Combined Factor 0.999720142 Northing Reduction 400000 FT Easting Reduction 600000 FT

Units are FEET.

STATE PLANE COORDINATE

SP EASTING LIP HEIGHT NAVD 88 DESCRIPTION Meters Meters Meters Elevation 39°09'34 01020"N 457006.22 634320 14 1352.41 1369.61 CDOT TYPE II 635049.88 1355.20 1372.41 CDOT TYPE II 635739.15 1357.18 1374.34 CDOT TYPE II 1351.10 108°44'17.63494"W 634555.00 1366.98 MCSM 263-2 456730.84 1352.86 1368.76 MCSM 261-1 39°09'25.38470"N 108°44'17.82040"W 635.372.22

Found MCSM 263-2 SW Cor Sec 17, T1N, R2W Ute

STATE HWY 340

NORTHING EASTING FEATURE MCSM 3.5" Brass Cap CODE N: 183905.14 187447.63 113181.24 1075 F: 113951 93 FI: 4484.82 186102.19 115576.06 4498.38 1075 4 184143.69 117838 08 4504 80 1075 183905 14 113951 93 4484 82 1077 MC03 198440.09 116633.72 CORS

Points output in FEET

MODIFIED COORDINATES

US HWY 6 & 50

Points output in METERS FEATURE EASTING CODE 57134.15 1075 1075 56724.06 56127.11 35917.12 1075 56054.4 34732.62 1366.98 1077 34756.89 1078 60484.66 CORS To get from Modified Coordinates to State Plane Coordinates: Add Reduction Am ants then multiply By Combined Factor

Found CP 0004 US 6&50 MP20.95 CDOT Type 2 MON N: 184143 69 E: 117838.08

Sheet Revisions Land Survey Control Diagram Colorado Department of Transportation State Hwy 340 MP 0.0 to 0.9 PLAN SHEET 222 South 6th Street Room 317 Grand Junction, CO 81501 Phone: 970-683-6234 FAX: 970-683-6249 Located in Project Number: CC 340A-012 Section 17 & 18, TOWNSHIP 1 NORTH, RANGE 2 WEST Project Location: State Highway 340 in Fruita Project Location: Town of Fruita, Mesa County, Colorado Project Code: Last Mod. Date Subset Sheets Sheet No. TotalNo. of Sheet 15850 08-30-2007 3.02 of 3.02 UTE MERIDIAN LED Region 3 MESA COUNTY, COLORADO COUN $S^{1/16}$ OF TRANSA SEI/4SEI/4 4SE PP 30 S18 S17 MOO NO 20 SEI/4NEI/4 262-1 SPLEY MARKET 18 NO. 263-2 TILE POST MONUME NO. 261-1 N1° 42'13''E 1320.26 N1%45'14'/E State Hwy ∞ 340 °N1° 43'31"E 1321.981 PP 39 O PP 11 19 9P 36 ⊖ PP **37** י1319.70 PP **38** 53 6 0 PP 53 32/ O PP **15** PP 130 14 <u>N</u>000 Ó MARKED O PP 69/ SW1/4SW1/4 S18 S17 NO. 260-1 PPO 1309-46 \$88° 04'46"E O PP **10** O⁴⁷ | PP | 70 4NW! NW1/4SW1/4 LOCAL 172 LOCAL 27 \triangle $SE^{1}/_{4}SW^{1}/_{4}$ NE1/4SW1/4 SE1/4SW1/4 /9\ 2/ CONT POST 20.308 S 17

Colorado Department of Transportation

 $\bigcirc DOT$

Region 3

222 South 6th Street Room 317

Grand Junction, CD 81501 Phone: 970-683-6234 FAX: 970-683-6249

	Sheet Revisions		Sheet Revisions				Sheet Revisions				
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials			
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Right of Way Plans Monumentation Sheet

Project Number: CC 340A-012

Project Location: State Highway 340 in Fruita

Project Location: Town of Fruita, Mesa County, Colorado Project Code: Last Mod. Date Subset Sheets Sheet No. Total No. of Sheets 15850 08-29-2007 4.01 of 4.01 4.01 14

FOUND PROPERTY AND MISC. MARKERS

Point No.	Northing	Easting	Description
5	184186.28	114263.01	1" Iron pin IN concrete sidewalk pls 18478
7	184186.32	114263.01	1" Iron pin in sidewalk pls 18478
8	185119.83	115267.79	#5 rebar with 1.5" al cap pls 18478
10	184979.27	114638.18	#5 rebar with 2" Aluminum Cap PLS 18480 TLC
11	184998.16	114067.10	#5 Rebar bent on end
12	185242.50	114120.11	Plastic anchor in Side Walk where Copper pin used to be
13	185449.78	114193.00	Plastic anchor in Side Walk where Copper pin used to be
14	185449.42	114194.27	Plastic anchor in Side Walk where Copper pin used to be
15	185323.99	114139.87	#5 rebar with 2" Aluminum Cap PLS 18480 TLC
16	185396.63	114398.32	#5 rebar with 2" Aluminum Cap PLS 18480 TLC
17	185394.91	114427.66	#5 rebar with 2" Aluminum Cap PLS 18480 TLC
18	185380.03	114623.78	1" Iron pin in Asphalt TLC PLS 18480
19	185058.74	114056.32	Plastic anchor in Asphalt where Copper pin used to be
21	187024.71	114367.82	#5 rbr with 1.5" plastic cap Williams ill
22	187209.77	114051.68	2.25" Brass Fruita Town Monument in Concrete ASPEN & COULSON
23	187197.27	114402.30	2.25" Brass Fruita Town Monument in Concrete ASPEN & WILLOW
24 25	187152.65 187156.43	114535.97 114431.17	#5 rebar with 2" al Cap DH Survey LS 20677 #5 rebar with 2" Aluminum Cap
26	187159.25	114431.17	1" IRON PIPE
27	187174.82	115041.87	2.25" Brass Fruita Town Monument in Concrete ASPEN & PLUM
28	187160.48	114313.12	#5 rebar with 2" Aluminum CAP
29	187163.98	114213.79	#5 rebar with 2" Aluminum Cap DH Survey LS 20677
30	185898.17	113434.19	#5 rebar with 1.5" Aluminum Cap PLS 16835 JOHNSON
31	187186.11	114722.12	2.25" Brass Fruita Town Monument in Concrete ASPEN & CHERRY
33	183902.91	114021.88	#5 rebar with 1.5" Plastic Cap QED LS 30111
34	183906.29	113922.09	#5 rebar with 1.5" Aluminum Cap Rolland Engineers LS 18469
35	184432.56	114037.43	#5 rebar with 2.5" Aluminum Cap PLS 18480 TLC
36	184208.53	114031.01	#5 rebar with2" Aluminum Cap TLC pls 18478
37	184591.93	114042.37	#5 rebar with 2" Aluminum Cap PLS 18480 TLC
38	184736.92	114046.62	#5 rebar with 2" Aluminum Cap PLS 18480 TLC
39 40	184998.60 184607.74	114054.46 113942.88	#5 rebar with 2" Aluminum Cap PLS 18480 TLC #5 rebar with 1.5" Aluminum Cap Banner LS 19597
41	185050.85	113942.86	#5 rebar with ill plastic cap
42	185197.17	113906.92	#5 rebar with 2" Aluminum Cap DH Survey LS 20677
43	185536.66	114000.36	#5 rebar
44	185680.79	114004.64	#5 rebar with melted plastic cap
45	185895.34	113569.71	#5 rebar bent over
46	184172.49	113929.94	#5 rebar with 1.25" ill plastic cap
47	186602.80	114782.37	#5 rebar with 1.5" Aluminum Cap Banner 25954
48	187141.54	114831.21	#5 rebar with 1.5" Aluminum Cap Banner 25954
49	187016.42	114426.89	#5 rebar with 2" Aluminum Cap DH Survey LS 20677
50	187012.10 186743.27	114550.75	#5 rebar with 2" Aluminum Cap DH Survey LS 20677
51 52	186743.27	114542.72 114420.79	#5 rebar with 2" Aluminum Cap DH Survey LS 20677 #5 rebar with 2" Aluminum Cap DH Survey LS 20677
53	186945.71	114207.25	#5 rebar with 2" Aluminum Cap DH Survey LS 20077 #5 rebar with 2" Aluminum Cap DH Survey LS 20677
54	186736.83	114553.51	#5 rebar with 2" Al Cap RIVER CITY CONSULTANTS PLS 18478
55	186858.95	114627.31	#5 rebar with 2" Al Cap RIVER CITY CONSULTANTS PLS 18478
56	187119.81	114635.19	1" PIN IN ASPHALT PLS 18478
57	187150.16	114606.82	1" PIN IN ASPHALT PLS 18478
58	187155.58	114451.62	#5 rebar with 2" AI Cap RIVER CITY CONSULTANTS PLS 18478
59	187135.69	114430.46	#5 rebar with 2" Al Cap RIVER CITY CONSULTANTS PLS 18478
60	187137.83	114370.54	#5 rebar with 2" Al Cap RIVER CITY CONSULTANTS PLS 18478
61	187159.08	114350.89	#5 rebar with 2" Al Cap RIVER CITY CONSULTANTS PLS 18478
62	187031.43 187024.08	114427.42	#5 rebar with 2" Aluminum Cap DH Survey LS 20677
63 68	187024.08 185238.67	114632.18 114025.96	#5 rebar with 2" Aluminum Cap DH Survey LS 20677 2.5 INCH ALUMINUM CAP Smooth
69	186513.36	114588.74	HWY 6/50 MP120.05
70	186560.15	114860.73	#5 rebar with 1.5" Aluminum Cap Banner 25954
71	185181.81	115269.90	1" Iron pin in concrete irrigation structure pls 18478
72	186515.15	115018.55	2.25" Brass Fruita Town Monument in Concrete MCCUNE & PLUM
		•	•

FOUND ALIQUOT CORNERS

Point No.	Northing	Easting	Sta. Offset
3	183905.136	113951.929	3" Brass MCSM Section Corner P195 or 263-2
4	185224.815	113991.183	2.5" BRASS CAP 1/16 Cor WORN SMOOTH S227 or 262-1
9	185180.9127	115299.8999	3.5" Aluminum Cap 1/16 Corner QED LS 16413 S228
20	186543.9043	114031.5723	3" Brass MCSM 1/4 Corner 261-1 or S223
32	187865.2767	114071.3723	3" Brass MCSM 1/16 Corner 260-1 or S219

FOUND ROW MONUMENTS

Point No.	Northing	Easting	Sta. Offset
64	184839.77	115878.53	PT370.66 EL4497.33 (not on plans)
65	186729.71	112324.80	POT 330.00 Elev 4479.78 (not on plans)
66	185096.33	116060.63	STA PT 370+65 EL 4499.00 (not on plans)
67	186484.45	112242.80	STA P.O.T. 330.00 EL. 4479.91 (not on plans)

TABULATION OF R.O.W. MARKERS TO BE RESET AFTER CONSTRUCTION

Point No.	Northing Easting		Monument Description
73	185111.54	114085.16	CDOT Type 1 ROW Monument
74	185051.34	113936.02	CDOT Type 1 ROW Monument
75	185226.96	113901.39	CDOT Type 1A ROW Monument
76	186728.14	114811.63	25' WC CDOT Type 4 ROW Monument
77	187142.25	114830.65	CDOT Type 4 ROW Monument
78	186737.63	114551.63	CDOT Type 1 ROW Monument
79	186859.27	114625.86	CDOT Type 1 ROW Monument
80	187119.81	114634.77	CDOT Type 1 ROW Monument
81	186524.48	114699.49	CDOT Type 1 ROW Monument

ALIQUOT CORNER TO BE RESET AFTER CONSTRUCTION

Point No.	Northing	Easting	Monument Description
4	185224.815	113991.183	TYPE 3A MONUMENT with 2.5" 1/16 Corner Aluminum Cap

GENERAL NOTES

- This Right of Way Plan is not a complete boundary survey of all adjoining owners and is prepared for Transportation Department purposes only.
- Survey Control Points set with a higher degree of accuracy than R.D.W. markers.
- NOTICE: According to Colorado law you must commence any legalaction 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 such defect in this survey be commenced more then ten years from the date of certification shown hereon.
- All R.D.W. markers set from control monuments.
- All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field. All stationing is approximate.
- All coordinates listed are project coordinates only.
- Field survey controlprecision meets the minimum horizontal control tolerances of a CDOT Type B survey (4–29–1992)
- 8. Commitments for title insurance supplied by XXXXXXX.

QUANTITY OF MONUMENTS TO BE SET

CAP	MONUMENT TYPE									
TYPE	1	1A	2	2A	3	<i>3A</i>	4	5	5(S)	6
REFERENCE										
ROW	6	1				1	2			
CONTROL										
ALIQUOT CORNER										
PERMANENT EASEMENT										
PROJECT POINTS										
•										
WITNESS POST (REQUIRED)	6									

SURVEYOR STATEMENT (ROW PLAN)

I, Leslie E. Doehling , 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.

Leslie E. Doehling PLS No. 31551 Date

SURVEYOR STATEMENT (ROW MONUMENTS)

Leslie E. Doehling , 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, adequate research, calculations and evaluation of survey evidence were performed and the Right-of-Way monuments depicted on this Right-of-Way Plan were set 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.

Leslie E. Doehling PLS No. 31551

