



Sheet Revisions

Date	Description	Initials
2-1-19	Revised sheets 2.01, 4.02, 5.01, 7.04, 7.05, 8.01	PMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Title Sheet

Project Number: STA 050A-029		
Project Location: US 50B Otero County		
MP 352 to MP 359		
Project Code:	Last Mod. Date	Subset
20756	2-1-19	1.01 of 1.01

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED
FEDERAL AID PROJECT NO. STA 050A-029
STATE HIGHWAY NO. 50B
OTERO COUNTYR.O.W. Length of Project = 1.63 Miles
Const. Length of Project = 7.00 Miles

SHEET NO.

1.01
2.01-2.01
3.01-3.08
4.01-4.02
5.01-5.01
6.01-6.0X
7.01-7.05
8.01-8.01

INDEX OF SHEETS

- (1) Title Sheet
- (1) Tabulation of Properties
- (8) Project Control Diagram
- (2) Land Survey Control Diagram
- (1) Monumentation Sheets
- (NA) Tabulation of Road Approach Sheets
- (5) Plan Sheets
- (1) Ownership Map
- (19) Total Sheets

Scales of Original 11"x17" Drawings
Plan Sheets 1"=100'
Ownership Map 1"=1000'

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S81° 31' 31"E from NGS Station X 436 to NGS Station M 434. Both monuments are NGS 3-D marks.

The area within this plan set lies within a flood plain. FEMA flood map online service indicates that the flood map for this area is map number 0801320035B.

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 Otero Title.

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 CDDOT 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
FEDERAL-AID HIGHWAY PROJECT

ROW PLANS AUTHORIZED:

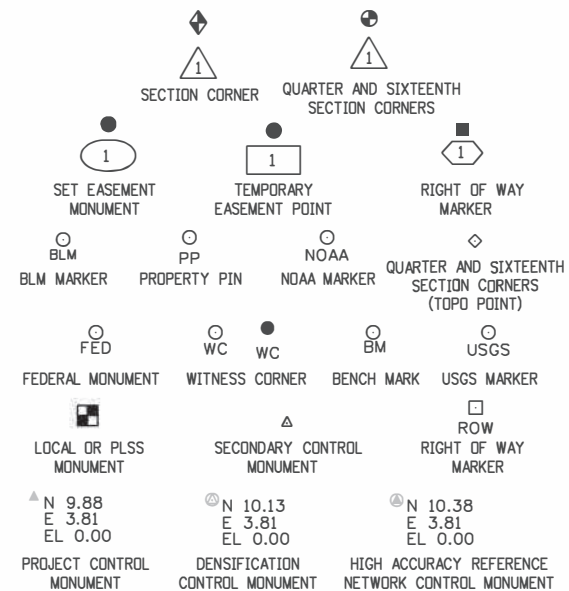
DATE

CDDOT CHIEF ENGINEER

SURVEYOR STATEMENT (ROW PLAN)

I, Paul Mandarich, 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. 38382



SURVEY/ROW



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 fullweight without screening, except as noted with the word (proposed).

PROJECT LOCATION MAP



Right of Way Plans Tabulation of Properties			
Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date	Subset	Sheet No.
20756	2-1-19	2.01 of 2.01	2.01

Sheet 1 - Tabulation of Properties

Region 2

FILING CERTIFICATION: DEPOSITED THIS ____ DAY OF ____ 19____ AT ____ M., FOR INFORMATION ONLY IN BOOK ____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE ____ RECEPTION NUMBER ____ SIGNED ____ DEPT. ____

zone3scd.dwg 18 JUL 2001 11:39:36.9 PLOT/EDIT by DWS

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION



Region 2
905 Erie Avenue
Pueblo, Colorado 81002
Phone: (719) 546-5454 Fax: (719) 546-5414

Survey Unit: Michael Bouchard

Sheet Revisions

mm/yy	XX

US HWY 50 MP 348.81 to MP 359.05
SURVEY CONTROL DIAGRAM
US HWY 50 – ZONE 3
Prepared By:
Mountain Surveying and Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, Co (303) 306-1858

Survey Control Diagram

Title Sheet				
Project Number: NH 0504 – 037				
Project Location: US HWY 50 – ZONE 3				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12812	06-01-01	3.01 of 3.08	3.01	8

GRID TO PROJECT COORDINATES PARAMETERS:

COLORADO DEPARTMENT OF TRANSPORTATION
12812
NH 0504-037
MP 348.810 to MP 359.050
U.S. 50
Pueblo County, Colorado

Project Latitude 38.073170
Project Longitude 103.581415
Project Elevation 1313.9678m
Zone Colorado South
Scale Factor 0.9999582988
Combined Factor 0.9997521402
Northing Reduction 300000m
Easting Reduction 300000m

Meter to US Survey foot conversion is (3937/1200) exactly.

This control diagram is a historic diagram done by MS&M Inc. for CDOT. Several control monuments within the limits of project 20756 were checked for their position and accuracy.

BASIS OF BEARING: All bearings are grid bearings of the Colorado State Plane Coordinate System, South Zone, North American Datum of 1983. The basis of grid bearing is the line between National Spatial Reference System (NSRS, 1st Order stations, X 436 a NGS 3-D mark and M 434 a NGS 3-D mark. That bearing being S 81 31 31 E.

BASIS OF ELEVATION. Project is based on NAVD88.

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.

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, and restrictions of record are not shown. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restriction, as described in the instruments of record, were not included in this control survey.

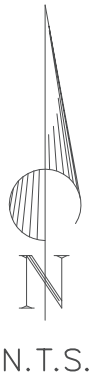
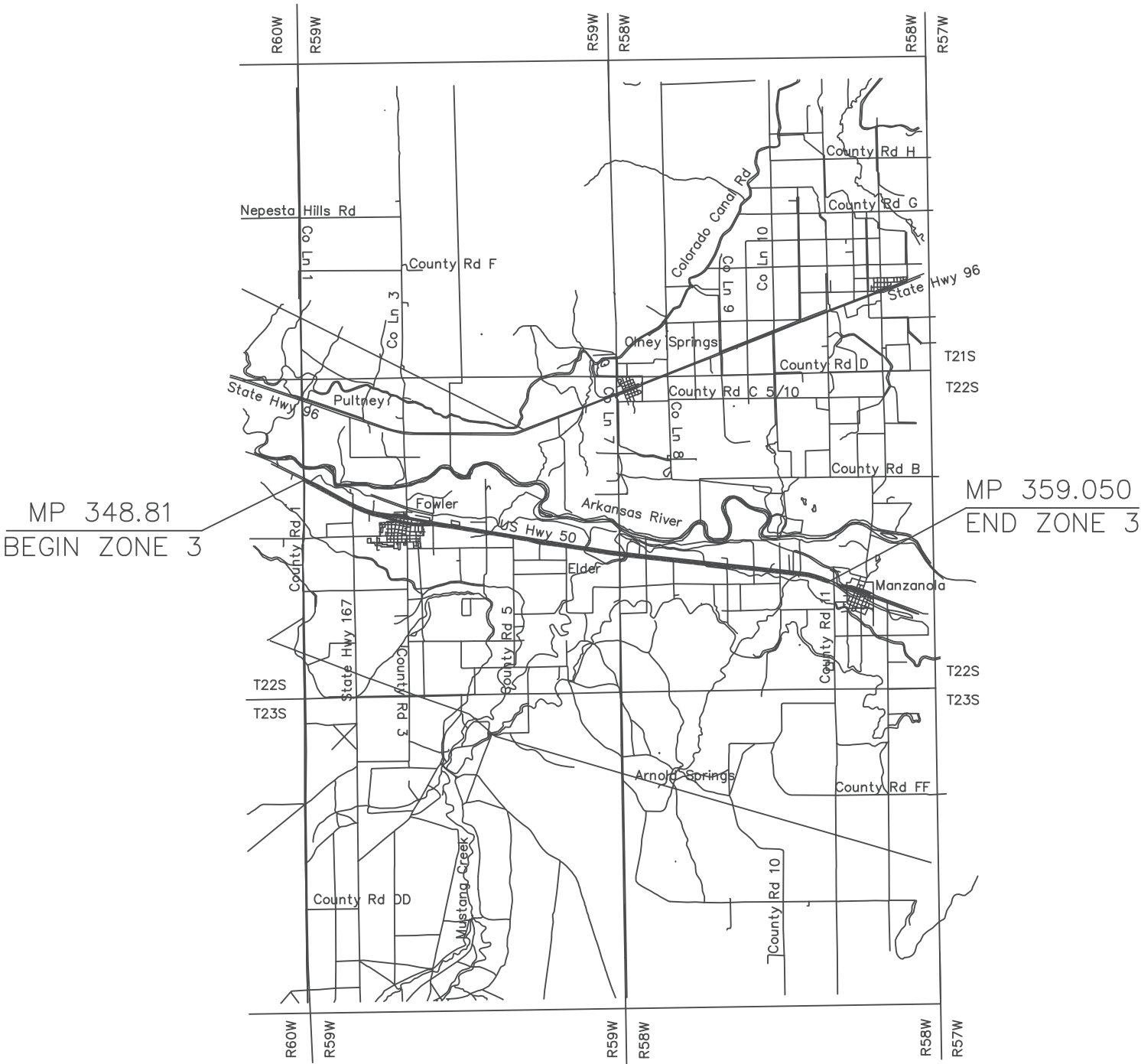
NOTE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the statement shown.

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 hereon named.

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

KEVIN C. HOFFMAN PLS 22568

VICINITY MAP



COLORADO DEPARTMENT OF TRANSPORTATION



Region 2
905 Erie Avenue
Pueblo, Colorado 81002
Phone: (719) 546-5454 Fax: (719) 546-5414

Survey Unit: Michael Bouchard

Sheet Revisions		
mm/yy	xx	

US HWY 50 MP 348.81 to MP 359.05
SURVEY CONTROL DIAGRAM
US HWY 50 – ZONE 3
Prepared By:
Mountain Surveying and Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, Co (303) 306-1858

Survey Control Diagram				
Title Sheet				
Project Number: NH 0504 – 037				
Project Location: US HWY 50 – ZONE 3				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12812	06-01-01	of	2	8

GEODETIC COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. ELEV. (NAVD '88)m	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
US 50 CM-MP 348.35	38° 08' 46.52209" N	104° 03' 57.20212" W	1303.543	0° 52' 46.74686"	0.999960192	469978.328	1040102.767
US 50 CM-MP 348.50	38° 08' 42.57276" N	104° 03' 48.22703" W	1303.519	0° 52' 52.25198"	0.999960089	469859.935	1040323.143
US 50 CM-MP 348.65	38° 08' 38.38757" N	104° 03' 40.35753" W	1304.544	0° 52' 57.07896"	0.999959979	469733.862	1040516.721
US 50 CM-MP 348.81	38° 08' 34.97113" N	104° 03' 29.74299" W	1305.447	0° 53' 3.58968"	0.999959890	469632.525	1040776.770
US 50 CM-MP 348.94	38° 08' 31.21810" N	104° 03' 22.71249" W	1305.804	0° 53' 7.90204"	0.999959792	469519.469	1040949.727
US 50 CM-MP 349.10	38° 08' 28.41361" N	104° 03' 13.31635" W	1305.677	0° 53' 13.66543"	0.999959719	469436.551	1041179.833
US 50 CM-MP 349.27	38° 08' 23.63635" N	104° 03' 04.42158" W	1304.425	0° 53' 19.12128"	0.999959595	469292.633	1041398.679
US 50 CM-MP 349.41	38° 08' 21.14979" N	104° 02' 55.73060" W	1303.738	0° 53' 24.45214"	0.999959531	469219.262	1041611.475
US 50 CM-MP 349.50	38° 08' 17.99685" N	104° 02' 50.82476" W	1303.929	0° 53' 27.46127"	0.999959450	469123.920	1041732.432
US 50 CM-MP 349.62	38° 08' 16.04510" N	104° 02' 43.50342" W	1303.709	0° 53' 31.95202"	0.999959400	469066.525	1041911.630
US 50 CM-MP 349.77	38° 08' 12.57058" N	104° 02' 35.00970" W	1302.874	0° 53' 37.16188"	0.999959311	468962.636	1042120.108
US 50 CM-MP 349.89	38° 08' 09.76834" N	104° 02' 28.71660" W	1302.781	0° 53' 41.02193"	0.999959240	468878.640	1042274.685
US 50 CM-MP 349.93	38° 08' 07.90803" N	104° 02' 27.31474" W	1302.077	0° 53' 41.88180"	0.999959192	468821.823	1042309.714
US 50 CM-MP 350.07	38° 08' 05.10407" N	104° 02' 17.73288" W	1301.268	0° 53' 47.75911"	0.999959121	468739.030	1042544.376
US 50 CM-MP 350.21	38° 08' 01.31748" N	104° 02' 08.90709" W	1301.268	0° 53' 53.17265"	0.999959025	468625.663	1042761.106
US 50 CM-MP 350.35	38° 08' 00.25540" N	104° 01' 59.96860" W	1301.839	0° 53' 58.65532"	0.999958998	468596.336	1042979.269
US 50 CM-MP 350.48	38° 07' 58.39877" N	104° 01' 51.83360" W	1301.996	0° 54' 3.64515"	0.999958951	468542.213	1043178.253
US 50 CM-MP 350.62	38° 07' 56.00305" N	104° 01' 42.77021" W	1301.198	0° 54' 9.20444"	0.999958891	468471.832	1043400.109
US 50 CM-MP 350.75	38° 07' 52.01670" N	104° 01' 35.21504" W	1300.678	0° 54' 13.83861"	0.999958791	468351.841	1043586.016
US 50 CM-MP 350.88	38° 07' 51.33417" N	104° 01' 25.92372" W	1300.862	0° 54' 19.53770"	0.999958774	468334.373	1043812.595
US 50 CM-MP 351.00	38° 07' 49.22488" N	104° 01' 16.37111" W	1301.140	0° 54' 25.39707"	0.999958721	468273.027	1044046.235
US 50 CM-MP 351.17	38° 07' 49.69342" N	104° 01' 05.08215" W	1299.494	0° 54' 32.32147"	0.999958733	468291.828	1044320.899
US 50 CM-MP 351.33	38° 07' 49.32301" N	104° 00' 54.57836" W	1298.383	0° 54' 38.76426"	0.999958724	468284.471	1044576.853
US 50 CM-MP 351.43	38° 07' 49.86333" N	104° 00' 47.04924" W	1298.088	0° 54' 43.38246"	0.999958737	468304.045	1044759.926
US 50 CM-MP 351.57	38° 07' 47.85876" N	104° 00' 38.75088" W	1299.342	0° 54' 48.47249"	0.999958687	468245.467	1044962.981
US 50 CM-MP 351.72	38° 07' 47.27538" N	104° 00' 29.16271" W	1298.138	0° 54' 54.35366"	0.999958672	468231.209	1045196.746
US 50 CM-MP 351.89	38° 07' 45.09442" N	104° 00' 19.60146" W	1296.351	0° 55' 0.21832"	0.999958618	468167.697	1045430.646
US 50 CM-MP 352.08	38° 07' 44.40464" N	104° 00' 09.61286" W	1293.882	0° 55' 6.34511"	0.999958601	468150.328	1045674.218
US 50 CM-MP 352.23	38° 07' 42.24093" N	103° 59' 59.81297" W	1293.189	0° 55' 12.35615"	0.999958547	468087.455	1045913.926
US 50 CM-MP 352.34	38° 07' 41.87269" N	103° 59' 52.16218" W	1292.680	0° 55' 17.04898"	0.999958538	468079.097	1046100.414
US 50 CM-MP 352.49	38° 07' 39.70225" N	103° 59' 42.37862" W	1292.188	0° 55' 23.05000"	0.999958484	468016.022	1046339.734
US 50 CM-MP 352.63	38° 07' 39.21402" N	103° 59' 34.51564" W	1292.649	0° 55' 27.87298"	0.999958472	468004.059	1046531.451
US 50 CM-MP 352.80	38° 07' 36.84353" N	103° 59' 22.69540" W	1295.169	0° 55' 35.12325"	0.999958413	467935.631	1046820.472
US 50 CM-MP 352.95	38° 07' 36.20735" N	103° 59' 13.11251" W	1294.509	0° 55' 41.00118"	0.999958398	467919.796	1047054.148
US 50 CM-MP 353.10	38° 07' 34.70560" N	103° 59' 03.43506" W	1294.450	0° 55' 46.93712"	0.999958360	467877.322	1047290.561
US 50 CM-MP 353.22	38° 07' 32.90964" N	103° 58' 55.59787" W	1293.970	0° 55' 51.74428"	0.999958316	467825.056	1047482.310
US 50 CM-MP 353.35	38° 07' 32.43311" N	103° 58' 47.13679" W	1293.570	0° 55' 56.93412"	0.999958304	467813.716	1047688.593
US 50 CM-MP 353.52	38° 07' 30.07697" N	103° 58' 36.08041" W	1293.612	0° 56' 3.71586"	0.999958247	467745.469	1047959.022
US 50 CM-MP 353.67	38° 07' 29.41727" N	103° 58' 26.44308" W	1292.676	0° 56' 9.62719"	0.999958230	467728.963	1048194.044
US 50 CM-MP 353.83	38° 07' 27.20693" N	103° 58' 16.25396" W	1292.136	0° 56' 15.87697"	0.999958176	467664.881	1048443.287

PROJECT COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV(ft)	DESCRIPTION
	NORTH (ft)	EAST (ft)		
US 50 CM-MP 348.35	558052.84	2428999.84	4344.97	SET CDOT TYPE II
US 50 CM-MP 348.50	557664.32	2429723.03	4344.92	SET CDOT TYPE II
US 50 CM-MP 348.65	557250.59	2430358.28	4348.30	SET CDOT TYPE II
US 50 CM-MP 348.81	556918.03	2431211.68	4351.29	SET CDOT TYPE II
US 50 CM-MP 348.94	556547.03	2431779.26	4352.47	SET CDOT TYPE II
US 50 CM-MP 349.10	556274.92	2432534.38	4352.08	SET CDOT TYPE II
US 50 CM-MP 349.27	555802.63	2433252.56	4348.00	SET CDOT TYPE II
US 50 CM-MP 349.41	555561.85	2433950.88	4345.77	SET CDOT TYPE II
US 50 CM-MP 349.50	555248.97	2434347.82	4346.41	SET CDOT TYPE II
US 50 CM-MP 349.62	555060.62	2434935.88	4345.70	SET CDOT TYPE II
US 50 CM-MP 349.77	554719.70	2435620.04	4342.98	SET CDOT TYPE II
US 50 CM-MP 349.89	554444.05	2436127.30	4342.67	NGS 3-D MARK F 434
US 50 CM-MP 349.93	554257.60	2436242.26	4340.34	SET CDOT TYPE II
US 50 CM-MP 350.07	553985.90	2437012.33	4337.72	SET CDOT TYPE II
US 50 CM-MP 350.21	553613.87	2437723.57	4337.74	SET CDOT TYPE II
US 50 CM-MP 350.35	553517.63	2438439.50	4339.64	SET CDOT TYPE II
US 50 CM-MP 350.48	553340.02	2439092.50	4340.17	SET CDOT TYPE II
US 50 CM-MP 350.62	553109.05	2439820.55	4337.58	SET CDOT TYPE II
US 50 CM-MP 350.75	552715.28	2440430.63	4335.92	SET CDOT TYPE V
US 50 CM-MP 350.88	552657.96	2441174.18	4336.50	SET CDOT TYPE V
US 50 CM-MP 351.00	552456.64	2441940.90	4337.45	SET CDOT TYPE II
US 50 CM-MP 351.17	552518.34	2442842.25	4332.07	SET CDOT TYPE II
US 50 CM-MP 351.33	552494.20	2443682.21	4328.45	SET CDOT TYPE II
US 50 CM-MP 351.43	552558.43	2444282.99	4327.48	SET CDOT TYPE II
US 50 CM-MP 351.57	552366.20	2444949.34	4331.62	SET CDOT TYPE II
US 50 CM-MP 351.72	552319.41	2445716.48	4327.68	SET CDOT TYPE II
US 50 CM-MP 351.89	552110.99	2446484.05	4321.86	SET CDOT TYPE II
US 50 CM-MP 352.08	552053.99	2447283.37	4313.78	SET CDOT TYPE II
US 50 CM-MP 352.23	551847.66	2448070.01	4311.53	SET CDOT TYPE II
US 50 CM-MP 352.34	551820.23	2448681.99	4309.88	NGS 3-D MARK E 434
US 50 CM-MP 352.49	551613.25	2449467.36	4308.32	SET CDOT TYPE II
US 50 CM-MP 352.63	551573.99	2450096.50	4309.85	SET CDOT TYPE II
US 50 CM-MP 352.80	551349.43	2451044.97	4318.14	SET CDOT TYPE II
US 50 CM-MP 352.95	551297.47	2451811.81	4316.00	SET CDOT TYPE II
US 50 CM-MP 353.10	551158.08	2452587.64	4315.82	SET CDOT TYPE II
US 50 CM-MP 353.22	550986.56	2453216.89	4314.27	SET CDOT TYPE II
US 50 CM-MP 353.35	550949.35	2453893.84	4312.97	SET CDOT TYPE II
US 50 CM-MP 353.52	550725.39	2454781.29	4313.14	SET CDOT TYPE II
US 50 CM-MP 353.67	550671.22	2455552.55	4310.09	SET CDOT TYPE II
US 50 CM-MP 353.83	550460.92	2456370.48	4308.34	SET CDOT TYPE II



Region 2
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Phone: (719) 546-5454 Fax: (719) 546-5414

Survey Unit: Michael Bouchard

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US HWY 50 MP 348.81 to MP 359.05
SURVEY CONTROL DIAGRAM
US HWY 50 – ZONE 3
Prepared By:
Mountain Surveying and Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, Co (303) 306-1858

Survey Control Diagram				
Title Sheet				
Project Number: NH 0504 – 037				
Project Location: US HWY 50 – ZONE 3				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12812	06-01-01	of	3	8

GEODETIC COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. ELEV. (NAVD '88)m	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
US 50 CM-MP 353.98	38° 07' 26.54029" N	103° 58' 06.52892" W	1292.245	0° 56' 21.84210"	0.999958160	467648.210	1048680.453
US 50 CM-MP 354.13	38° 07' 24.41948" N	103° 57' 56.18896" W	1291.591	0° 56' 28.18440"	0.999958108	467586.963	1048933.330
US 50 CM-MP 354.17	38° 07' 24.68967" N	103° 57' 53.69549" W	1291.131	0° 56' 29.71384"	0.999958115	467596.291	1048993.916
US 50 CM-MP 354.28	38° 07' 23.66439" N	103° 57' 46.50376" W	1290.909	0° 56' 34.12509"	0.999958090	467567.564	1049169.573
US 50 CM-MP 354.43	38° 07' 21.40708" N	103° 57' 36.09980" W	1288.017	0° 56' 40.50665"	0.999958035	467502.150	1049424.085
US 50 CM-MP 354.59	38° 07' 20.54501" N	103° 57' 25.22821" W	1287.471	0° 56' 47.17505"	0.999958014	467479.944	1049689.279
US 50 CM-MP 354.74	38° 07' 18.40635" N	103° 57' 15.52235" W	1287.208	0° 56' 53.12841"	0.999957962	467417.923	1049926.736
US 50 CM-MP 354.90	38° 07' 17.68365" N	103° 57' 05.61445" W	1286.665	0° 56' 59.20569"	0.999957944	467399.641	1050168.394
US 50 CM-MP 355.06	38° 07' 15.66861" N	103° 56' 56.04271" W	1288.750	0° 57' 5.07679"	0.999957895	467341.390	1050402.528
US 50 CM-MP 355.18	38° 07' 14.49408" N	103° 56' 47.76209" W	1289.392	0° 57' 10.15594"	0.999957867	467308.533	1050604.791
US 50 CM-MP 355.35	38° 07' 14.85285" N	103° 56' 37.77779" W	1290.253	0° 57' 16.28009"	0.999957875	467323.641	1050847.759
US 50 CM-MP 355.51	38° 07' 13.06959" N	103° 56' 27.58792" W	1290.393	0° 57' 22.53033"	0.999957832	467272.806	1051096.835
US 50 CM-MP 355.67	38° 07' 12.70977" N	103° 56' 16.63162" W	1290.419	0° 57' 29.25069"	0.999957824	467266.172	1051363.845
US 50 CM-MP 355.84	38° 07' 11.01494" N	103° 56' 05.77750" W	1291.032	0° 57' 35.90837"	0.999957783	467218.350	1051629.058
US 50 CM-MP 355.99	38° 07' 10.60273" N	103° 55' 55.81502" W	1290.472	0° 57' 42.01914"	0.999957773	467209.711	1051871.895
US 50 CM-MP 356.12	38° 07' 08.95774" N	103° 55' 46.86049" W	1290.028	0° 57' 47.51165"	0.999957733	467162.664	1052090.824
US 50 CM-MP 356.27	38° 07' 08.72013" N	103° 55' 37.22814" W	1289.299	0° 57' 53.41992"	0.999957727	467159.287	1052325.532
US 50 CM-MP 356.44	38° 07' 06.82525" N	103° 55' 25.77635" W	1288.772	0° 58' 0.44420"	0.999957682	467105.574	1052605.414
US 50 CM-MP 356.58	38° 07' 06.62496" N	103° 55' 16.45272" W	1287.890	0° 58' 6.16311"	0.999957677	467103.235	1052832.587
US 50 CM-MP 356.73	38° 07' 04.90092" N	103° 55' 06.74520" W	1287.860	0° 58' 12.11748"	0.999957636	467054.087	1053069.904
US 50 CM-MP 356.88	38° 07' 04.60383" N	103° 54' 57.24363" W	1287.741	0° 58' 17.94554"	0.999957629	467048.850	1053301.463
US 50 CM-MP 357.03	38° 07' 02.91774" N	103° 54' 47.58941" W	1285.425	0° 58' 23.86723"	0.999957588	467000.864	1053537.467
US 50 CM-MP 357.10	38° 07' 02.28680" N	103° 54' 43.16548" W	1286.830	0° 58' 26.58077"	0.999957573	466983.245	1053645.540
US 50 CM-MP 357.28	38° 07' 01.38891" N	103° 54' 31.87743" W	1284.774	0° 58' 33.50461"	0.999957552	466960.244	1053920.926
US 50 CM-MP 357.43	38° 07' 01.07164" N	103° 54' 21.78409" W	1284.863	0° 58' 39.69564"	0.999957544	466954.655	1054166.911
US 50 CM-MP 357.55	38° 06' 59.63754" N	103° 54' 13.74199" W	1284.588	0° 58' 44.62849"	0.999957510	466913.790	1054363.528
US 50 CM-MP 357.72	38° 06' 59.12649" N	103° 54' 02.61091" W	1284.375	0° 58' 51.45605"	0.999957498	466902.673	1054634.891
US 50 CM-MP 357.85	38° 06' 57.51100" N	103° 53' 54.21654" W	1285.893	0° 58' 56.60497"	0.999957459	466856.376	1054840.187
US 50 CM-MP 358.00	38° 06' 57.25465" N	103° 53' 44.38948" W	1284.727	0° 59' 2.63267"	0.999957453	466852.581	1055079.659
US 50 CM-MP 358.15	38° 06' 56.27471" N	103° 53' 34.65486" W	1284.609	0° 59' 8.60368"	0.999957430	466826.448	1055317.264
US 50 CM-MP 358.30	38° 06' 54.18235" N	103° 53' 25.27540" W	1284.035	0° 59' 14.35683"	0.999957380	466765.880	1055546.811
US 50 CM-MP 358.44	38° 06' 53.75224" N	103° 53' 15.67560" W	1284.614	0° 59' 20.24514"	0.999957370	466756.654	1055780.844
US 50 CM-MP 358.60	38° 06' 51.91746" N	103° 53' 04.65761" W	1283.102	0° 59' 27.00333"	0.999957327	466704.730	1056050.166
US 50 CM-MP 358.75	38° 06' 51.33275" N	103° 52' 55.56337" W	1282.419	0° 59' 32.58154"	0.999957313	466690.538	1056271.971
US 50 CM-MP 358.91	38° 06' 47.96383" N	103° 52' 47.75597" W	1280.914	0° 59' 37.37042"	0.999957233	466589.981	1056463.924
US 50 CM-MP 359.05	38° 06' 45.82870" N	103° 52' 37.11570" W	1279.443	0° 59' 43.89694"	0.999957183	466528.660	1056724.218
US 50 CM-MP 359.21	38° 06' 42.29984" N	103° 52' 28.84358" W	1279.084	0° 59' 48.97087"	0.999957100	466423.380	1056927.585
US 50 CM-MP 359.37	38° 06' 36.40665" N	103° 52' 21.86205" W	1277.856	0° 59' 53.25319"	0.999956962	466244.672	1057100.793
US 50 CM-MP 359.51	38° 06' 31.92326" N	103° 52' 14.85394" W	1278.969	0° 59' 57.55181"	0.999956858	466109.438	1057273.898

PROJECT COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV(ft)	DESCRIPTION
	NORTH (ft)	EAST (ft)		
US 50 CM-MP 353.98	550406.22	2457148.77	4308.72	SET CDOT TYPE II
US 50 CM-MP 354.13	550205.23	2457978.62	4306.60	SET CDOT TYPE II
US 50 CM-MP 354.17	550235.83	2458177.44	4305.09	NGS 3-D MARK D 434
US 50 CM-MP 354.28	550141.56	2458753.89	4304.38	SET CDOT TYPE II
US 50 CM-MP 354.43	549926.90	2459589.11	4294.92	SET CDOT TYPE II
US 50 CM-MP 354.59	549854.03	2460459.38	4293.15	SET CDOT TYPE II
US 50 CM-MP 354.74	549650.49	2461238.63	4292.31	SET CDOT TYPE II
US 50 CM-MP 354.90	549590.50	2462031.67	4290.55	SET CDOT TYPE II
US 50 CM-MP 355.06	549399.34	2462800.01	4297.41	SET CDOT TYPE II
US 50 CM-MP 355.18	549291.52	2463463.77	4299.54	CDOT TYPE II
US 50 CM-MP 355.35	549341.09	2464261.10	4302.38	SET CDOT TYPE II
US 50 CM-MP 355.51	549174.27	2465078.48	4302.86	SET CDOT TYPE II
US 50 CM-MP 355.67	549152.50	2465954.72	4302.97	SET CDOT TYPE II
US 50 CM-MP 355.84	548995.57	2466825.05	4305.01	SET CDOT TYPE II
US 50 CM-MP 355.99	548967.22	2467621.95	4303.19	SET CDOT TYPE II
US 50 CM-MP 356.12	548812.83	2468340.40	4301.75	SET CDOT TYPE II
US 50 CM-MP 356.27	548801.74	2469110.63	4299.38	SET CDOT TYPE II
US 50 CM-MP 356.44	548625.48	2470029.11	4297.68	SET CDOT TYPE II
US 50 CM-MP 356.58	548617.80	2470774.61	4294.80	SET CDOT TYPE II
US 50 CM-MP 356.73	548456.51	2471553.40	4294.73	SET CDOT TYPE II
US 50 CM-MP 356.88	548439.33	2472313.29	4294.36	SET CDOT TYPE II
US 50 CM-MP 357.03	548281.85	2473087.77	4286.78	SET CDOT TYPE II
US 50 CM-MP 357.10	548224.03	2473442.43	4291.40	NGS 3-D MARK P 438
US 50 CM-MP 357.28	548148.55	2474346.15	4284.68	CDOT TYPE II
US 50 CM-MP 357.43	548130.21	2475153.39	4284.99	SET CDOT TYPE II
US 50 CM-MP 357.55	547996.11	2475798.61	4284.11	CDOT TYPE II
US 50 CM-MP 357.72	547959.63	2476689.13	4283.43	SET CDOT TYPE II
US 50 CM-MP 357.85	547807.69	2477362.84	4288.44	SET CDOT TYPE II
US 50 CM-MP 358.00	547795.24	2478148.70	4284.63	SET CDOT TYPE II
US 50 CM-MP 358.15	547709.48	2478928.44	4284.27	SET CDOT TYPE II
US 50 CM-MP 358.30	547510.72	2479681.73	4282.40	SET CDOT TYPE II
US 50 CM-MP 358.44	547480.44	2480449.74	4284.32	SET CDOT TYPE II
US 50 CM-MP 358.60	547310.05	2481333.57	4279.39	SET CDOT TYPE II
US 50 CM-MP 358.75	547263.48	2482061.45	4277.17	SET CDOT TYPE II
US 50 CM-MP 358.91	546933.48	2482691.37	4272.25	SET CDOT TYPE II
US 50 CM-MP 359.05	546732.25	2483545.57	4267.44	SET CDOT TYPE II
US 50 CM-MP 359.21	546386.76	2484212.94	4266.28	SET CDOT TYPE II
US 50 CM-MP 359.37	545800.30	2484781.35	4262.27	SET CDOT TYPE II
US 50 CM-MP 359.51	545356.51	2485349.42	4265.94	SET CDOT TYPE II

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COLORADO DEPARTMENT OF TRANSPORTATION



Region 2
905 Erie Avenue
Pueblo, Colorado 81002
Phone: (719) 546-5454 Fax: (719) 546-5414

Survey Unit: Michael Bouchard

Sheet Revisions

mm/yy	XX

US HWY 50 MP 348.81 to MP 359.05
SURVEY CONTROL DIAGRAM
US HWY 50 - ZONE 3
Prepared By:
Mountain Surveying and Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, Co (303) 306-1858

Survey Control Diagram

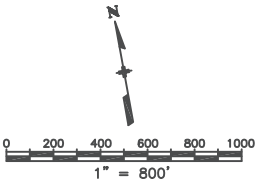
Plan Sheet

Project Number: NH 0504 - 037

Project Location: US HWY 50 - ZONE 3

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12812	06-01-01	of	5	8



FLING CERTIFICATION:
DEPOSITED THIS ____ DAY OF ____ 19____, AT ____ M., FOR INFORMATION
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SURVEYS AT PAGE ____ RECEPTION NUMBER ____

SIGNED
DEPT.



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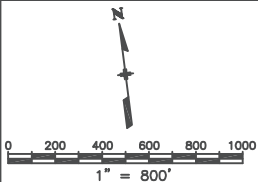
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Survey Unit: Michael Bouchard

Sheet Revisions

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US HWY 50 MP 348.81 to MP 359.05
SURVEY CONTROL DIAGRAM
US HWY 50 - ZONE 3
Prepared By:
Mountain Surveying and Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, Co (303) 306-1858



Survey Control Diagram

Plan Sheet

Project Number: NH 0504 - 037				
Project Location: US HWY 50 - ZONE 3				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12812	06-01-01	of	6	8



FILING CERTIFICATION: DAY OF 19 AT M. FOR INFORMATION
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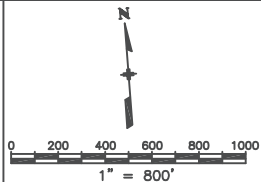
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Survey Unit: Michael Bouchard

Sheet Revisions

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US HWY 50 MP 348.81 to MP 359.05
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US HWY 50 - ZONE 3
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Denver, Co (303) 306-1858



Survey Control Diagram

Plan Sheet

Project Number: NH 0504 - 037				
Project Location: US HWY 50 - ZONE 3				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12812	06-01-01	of	7	8



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Project Number: NH 0504 – 037					
Project Location: US HWY 50 – ZONE 3					
Project Location:					
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets	
12812	06-01-01	of	2	2	



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Region 2

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Sheet Revisions

Date	Description	Initials
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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Land Survey Control Diagram

Plan Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
20756	12-5-17	4.01 of 4.02	RW 4.01



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2-1-19	Revised RW-2A	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Land Survey Control Diagram

Plan Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date	Subset	Sheet No.
20756	2-1-19	4.02 of 4.02	RW 4.02





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Date	Description	Initials
2-1-19	Deleted 207 and 208, Revised 206	PMM
5-10-22	Tables update	DRM

Sheet Revisions

Date	Description	Initials
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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX

Right of Way Plans

Monumentation Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date	Subset	Sheet No.
20756	5-10-22	5.01 of 5.01	5.01



TABULATION OF R.O.W. MONUMENTS SET

Point No.	Northing(ft)	Easting(ft)	Description	Station	Offset
101	549,933.46	2,459,518.81	CDOT Type I Monument 4' East	140+12.43	49.74 Rt.
102	549,884.17	2,459,510.45	CDOT Type I Monument	140+12.43	74.74 Rt.
103	549,790.26	2,460,074.15	CDOT Type I Monument	145+83.90	98.08 Rt.
104	549,521.16	2,461,689.56	CDOT Type I Monument	162+21.31	96.98 Rt.
202	549,120.57	2,464,974.06	CDOT Type I Monument	195+25.16	109.03 Rt.
203	549,074.54	2,465,404.98	CDOT Type I Monument	199+58.53	107.44 Rt.
206	548,786.33	2,468,032.65	CDOT Type I Monument	226+02.82	105.22 Rt.



FOUND ALIQUOT MONUMENT COORDINATE TABLE

Point No.	Northing(ft)	Easting(ft)	Description
3	549,018.35	2,468,064.50	E 1/4 Corner Sec 19, PLS 9014
11000	546,472.85	2,468,138.54	SE Corner Sec 19, PLS 12103
11001	546,290.16	2,465,486.02	WC to S 1/4 Cor Sec 19, PLS 30087
11002	546,114.57	2,462,760.05	SW Corner Sec 19, PLS 9014



ROW

FOUND R.O.W. MONUMENT COORDINATE TABLE

Point No.	Northing(ft)	Easting(ft)	Description
509	549,551.44	2,462,402.38	CDOT Type I Monument
510	549,637.33	2,461,783.50	CDOT Type I Monument
520	549,678.40	2,461,536.90	CDOT Type I Monument
521	549,583.52	2,461,619.49	CDOT Type I Monument
523	549,453.95	2,461,765.08	CDOT Type I Monument
524	549,405.36	2,462,053.32	CDOT Type I Monument
526	549,515.56	2,462,724.98	CDOT Type I Monument
527	549,330.56	2,462,726.89	CDOT Type I Monument
528	549,244.12	2,463,505.26	CDOT Type I Monument
529	549,092.53	2,463,435.69	CDOT Type I Monument
530	549,075.85	2,463,472.04	CDOT Type I Monument
531	549,229.52	2,463,636.55	CDOT Type I Monument
532	549,370.32	2,464,031.01	CDOT Type I Monument
533	549,089.20	2,464,898.40	CDOT Type I Monument
534	549,171.75	2,465,097.45	CDOT Type I Monument
535	549,137.75	2,465,403.15	CDOT Type I Monument
536	549,217.80	2,465,402.56	CDOT Type I Monument
7822	550,271.83	2,457,487.63	Concrete Marker
8531	548,992.14	2,466,176.22	Concrete Marker
8651	548,846.89	2,468,030.89	Concrete Marker

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	7									
CONTRL										
ALIQUOT CORNER										
PERMANENT EASEMENT										
PROJECT POINTS										
WITNESS POST (REQUIRED)										

General Notes:

- All centerline and offset stationing may not represent the centerline as constructed in the field.
- Refer to the M-629-1 Survey Monuments of the Standard Plans found in The Colorado Department of Transportation, M & S Standards for survey monument descriptions.
- 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.

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 (R.O.W. MONUMENTS)

I, Paul Mandarin, 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.

PLS No. 38382



Colorado Department of Transportation



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Region 2

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Date	Description	Initials
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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date:	Subset	Sheet No.
20756	11-6-17	7.01 of 7.05	7.01



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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

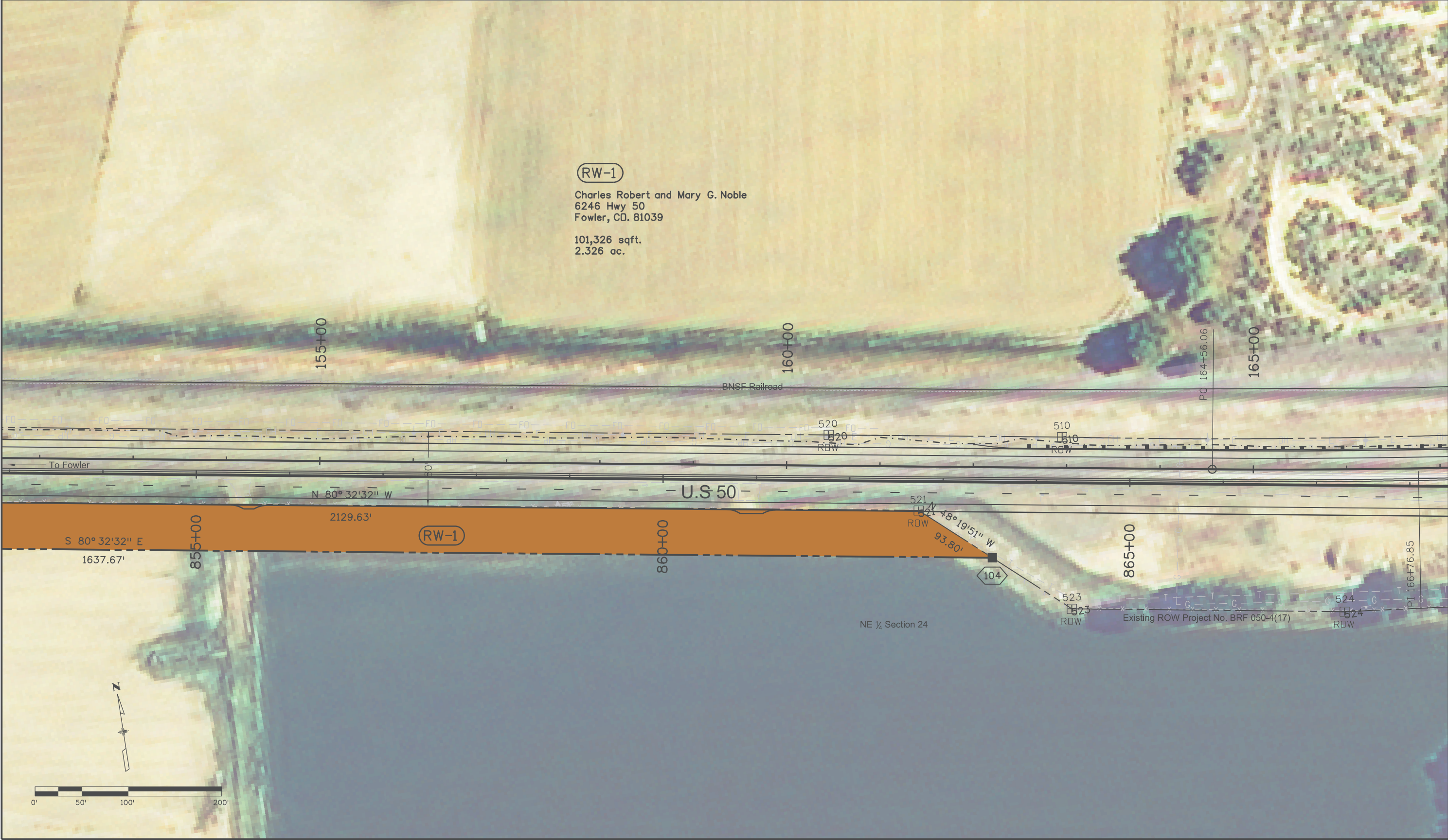
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Date	Description	Initials
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Right of Way Plans

Plan Sheet

Project Number: STA 050A-029				
Project Location: US 50B Otero County				
MP 352 to MP 359				
Project Code:	Last Mod. Date:	Subset	Sheet No.	
20756	11-6-17	7.02 of 7.05	7.02	





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Sheet Revisions

Date	Description	Initials
2-1-19	Revised RW-2A	PMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date	Subset	Sheet No.
20756	2-4-19	7.04 of 7.05	7.04



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Region 2

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Sheet Revisions

Date	Description	Initials
2-1-19	Revised RW-2A	PMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date:	Subset	Sheet No.
20756	2-4-19	7.05 of 7.05	7.05





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Region 2

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Sheet Revisions

Date	Description	Initials
2-1-19	Revised RW-2A	PMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Ownership Sheet

Project Number: STA 050A-029			
Project Location: US 50B Otero County			
MP 352 to MP 359			
Project Code:	Last Mod. Date	Subset	Sheet No.
20756	2-1-19	8.01 of 8.01	8.01

