



Sheet Revisions

Date	Description	Initials
04-20-09	Sheet 1.01 Parcel 5 Revision	PMM
04-20-09	Sheet 2.01 Parcel 5 Revision	PMM
04-20-09	Sheet 4.01 Parcel 5 Revision	PMM
04-20-09	Sheet 5.01 Parcel 5 Revision	PMM
04-20-09	Sheet 6.01 Parcel 5 Revision	PMM

Sheet Revisions

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Sheet Revisions

Date	Description	Initials
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Right of Way Plans

Title Sheet

Project Number: BR 0504-038				
Project Location: S.H. 50C AND ST. CHARLES RIVER				
MP 7.70 TO MP 7.88				
Project Code:	Last Mod. Date	Subset	Sheet No.	Authorized
12854	04-20-09	1 of 11	1.01	MM-DD-YY

DEPARTMENT OF TRANSPORTATION

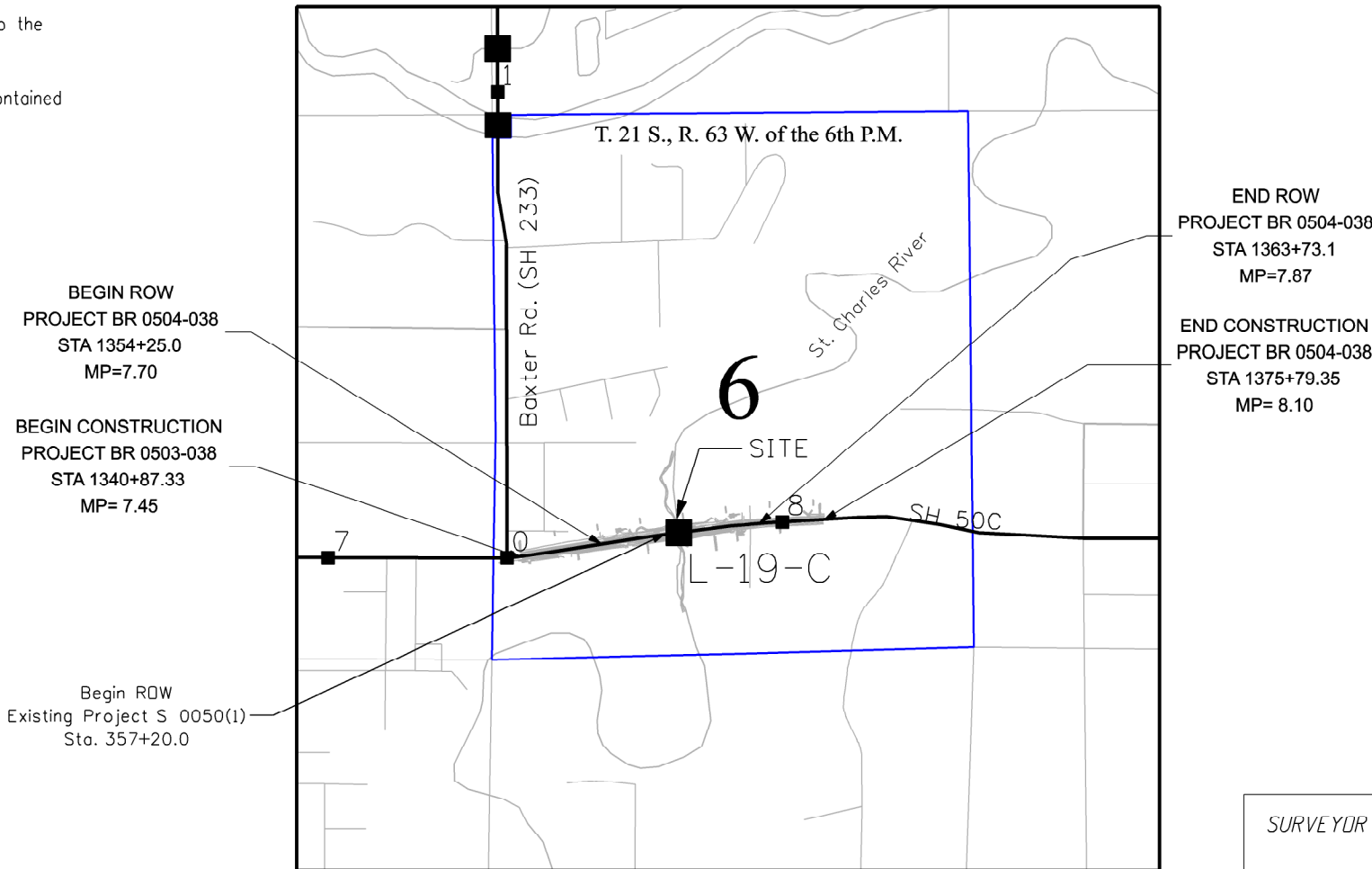
STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED
FEDERAL AID PROJECT NO. BR 0504-038
STATE HIGHWAY NO. 50C
PUEBLO COUNTY
RIGHT OF WAY PROJECT CODE NO. 12854

GENERAL NOTES:

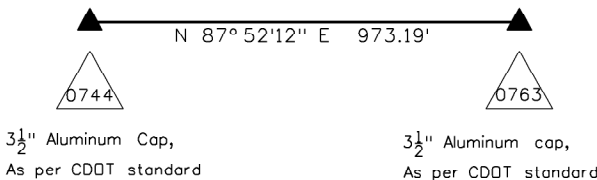
- Refer to the M-100-1 Standard Symbols of the Standard Plans dated July, 2006, found in The Colorado Department of Transportation M & S Standards for standard symbol definitions.
- This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
- For title information, The Colorado Department of Transportation relied on Title Commitments prepared by Security Title for CDOT.
- For the Basis of Bearings refer to the Project Control Diagram or the Land Survey Control Diagram starting at sheet 3.01 located within this set of plans.
- For Basis of Elevation and the Coordinate Datum refer to the Project Control Diagram or the Land Survey Control Diagram starting at sheet 3.01 located within this set of plans.
- This plan set is subject to change and the information contained on the attached drawing is not valid or implied unless this copy bears an original signature of the Professional Land Surveyor hereon named.

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
2.01-2.01	(1) Tabulation of Properties
3.01-3.04	(4) Project Control Diagram Land Survey Control Diagram
4.01-4.02	(2) Monumentation Sheets
5.01-5.01	(1) Plan Sheets
6.01-6.01	(1) Ownership Map
M-100-1	(1) Standard Symbols
(11) Total Sheets	



BASIS OF BEARINGS

The Basis of Bearings for project reference is a line from CDOT Control Monument 0744 to CDOT Control Monument 0763 having a modified grid bearing of N 87° 52' 12" E at a distance of 973.19 feet.



PROJECT LOCATION MAP



Scale 1" = 2000'

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 certification shown hereon.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ DATE _____

DIVISION ADMINISTRATOR

SURVEYOR STATEMENT (ROW PLAN)

I, Jeffrey P. Eickelman, 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



JPE

Right of Way Plans			
Tabulation of Properties			
Project Number: BR 0504-038			
Project Location: SH 50C AND ST. CHARLES RIVER			
MP 7.70 TO 7.88			
Project Code:	Lost Mod. Date	Subset	Sheet No.
12854	04-20-09	2.01 of 2.01	2.01

Sheet 1 - Tabulation of Properties

[illegible]

Colorado Department of Transportation



P.O. Box 536
905 Erie Avenue
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Region 2

JPE

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

State Highway 50C MP 7.70 to 7.88
Section 06
Township 21 South, Range 63 West
of the 6th Principle Meridian, County of Pueblo
State of Colorado

Project ControlDiagram

Title Sheet

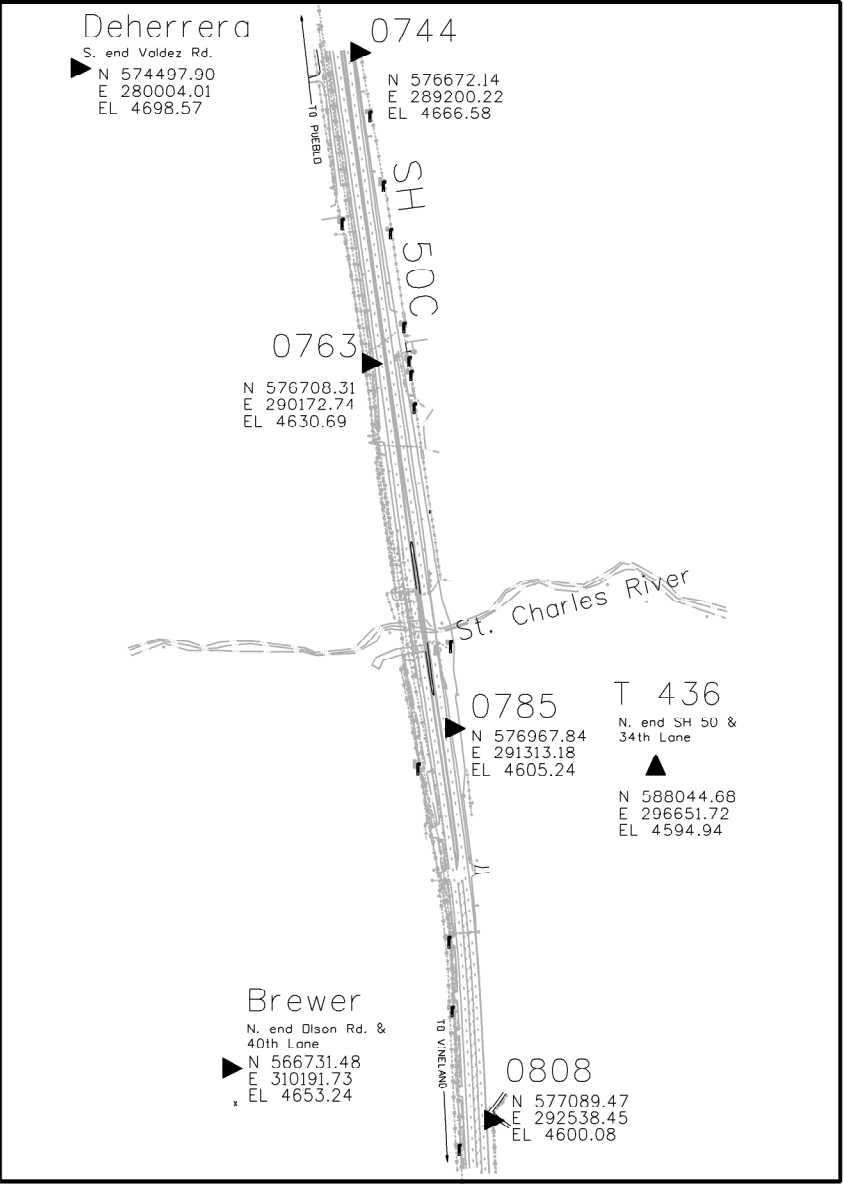
Project Number: BR 0504-038			
Project Location: SH 50C and St. Charles River			
MP 7.70 to MP 7.88			
Project Code:	Last Mod. Date	Subset	Sheet No.
12854	08-22-08	3.01 of 3.04	3.01

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N87°52'12"E from CM0744-MP 7.44 and CM0763-MP 7.63. Both monuments are CDUT Type II, 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).

Basis of Elevations: Project elevations are based on Bench Mark 62 ARD 1954, a standard bench mark disk set on top of a concrete monument.

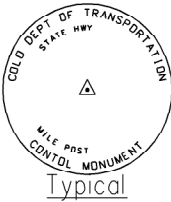
COORDINATE DATUM: Project coordinates are modified Colorado State Plane South Zone NAD '83 coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates was 1.00024558. The resulting project coordinates were truncated by 200,000m in the Northing and 400,000m in the Easting after converting from state plane coordinates to project coordinates. The CHARN is based on the NAD '83 datum.
Project Coordinates Northing = (State Plane Coordinate Northing * 1.00024558 - 200,000) * (3937/1200).
Project Coordinates Easting = (State Plane Coordinate Easting * 1.00024558 - 400,000) * (3937/1200).

Note: The three NGS monuments are not true locations and are displayed for information purposes.

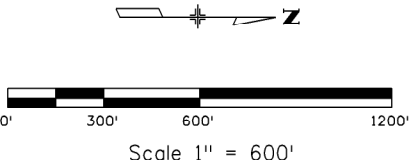


General Notes:

- This Project ControlDiagram is not a boundary survey.
- 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 survey monument descriptions.
- This plan set is subject to change and 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 (PROJECT CONTROL DIAGRAM)

I, Jeffrey P. Eickelman, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project ControlDiagram 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 guaranty or warranty, either expressed or implied.

PLS No. 29034



Colorado Department of Transportation



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Pueblo, CO 81002
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Region 2

JPE

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Project Control Diagram

Plan Sheet

Project Number: BR 0504-038

Project Location: SH 50C and St. Charles River

MP 7.70 to 7.88

Project Code:	Last Mod. Date	Subset	Sheet No.
12854	08-25-08	3.02 of 3.04	3.04



GENERAL NOTES

- 1.) This Control Survey is for the use of the Colorado Department of Transportation. This survey is NOT a complete Land or Right of Way survey, nor is this Control Diagram Sheet a Land or Right of Way Survey Plat.
- 2.) 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.
- 3.) No guarantee as to the accuracy of the information contained hereon is implied or expressed unless this copy bears an original signature and seal of the Registered Land Surveyor named.
- 4.) All coordinates listed are based on G.P.S. observations taken in June of 2006.
- 5.) Field survey control precision computed to meet or exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for a type "B" survey requirements (+/- 0.13 FT. at 95% certainty).

BASIS OF BEARING

BASIS OF BEARINGS: The bearings referenced on this survey can be determined from any monuments set or found as shown on the Control Diagram Sheet. The basis of bearings for project reference is a line from Control Monument 0744 to Control Monument 0763 having a modified grid bearing of N 87° 52' 12" E at a distance of 973.19 feet.

SURVEY SYMBOL TABLE

- High Precision Network (1:5,000,000)
- High Precision Network (1:1,000,000)
- Densification Points (1:500,000)
- Control Monument / Project
- Control Monument / Secondary

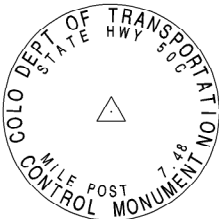
PROJECT COORDINATES (FT)

Name	Northing	Easting	Elev.	Code	Description
744	576672.141	289200.224	4666.578	1075	CDOT Control Monument at MP 7.48
763	576708.313	290172.744	4630.688	1075	CDOT Control Monument at MP 7.63
785	576967.843	291313.178	4605.237	1075	CDOT Control Monument At MP 7.85
808	577089.466	292538.451	4600.082	1075	CDOT Control Monument at MP 8.08
Brewer	566731.479	310191.729	4653.241	1075	NGS Control Monument
Deherrera	574497.897	280004.012	4698.569	1075	NGS Control Monument
T436	588044.680	296651.717	4594.940	1075	NGS Control Monument

[Project Coordinates (ft) + (northing (1,000,000) or easting (3,000,000) reduction)] x (combined scale factor (0.99975448) = State Plane Coordinates (ft) (South Zone - 0503 NAD83)].

GEODETIC COORDINATES (M)

NAME	LATITUDE NAD-83	LONGITUDE NAD-83	NORTHING CO SPC	EASTING CO SPC	ELLIPSOID HT	ORTHO HT	CONVERGENCE	SCALE FACTOR
0744	38° 14' 42.21275" N	104° 29' 44.90241" W	480452.640	1002304.087	1402.790	1422.376	0° 36' 57.42148"	0.999971054
0763	38° 14' 42.46674" N	104° 29' 32.71059" W	480463.663	1002600.439	1391.836	1411.437	0° 37' 04.89968"	0.999971063
0785	38° 14' 44.90976" N	104° 29' 18.38425" W	480542.748	1002947.959	1384.052	1403.679	0° 37' 13.68714"	0.999971148
0808	38° 14' 45.98030" N	104° 29' 03.01329" W	480579.810	1003321.331	1382.480	1402.108	0° 37' 23.11535"	0.999971185
Brewer	38° 13' 01.66209" N	104° 25' 23.29017" W	477423.464	1008700.740	1398.491	1418.311	0° 39' 37.88869"	0.999967682
Deherrera	38° 14' 21.68694" N	104° 31' 40.42676" W	479790.092	999501.765	1412.644	1432.127	0° 35' 46.56138"	0.999970346
T436	38° 16' 33.80040" N	104° 28' 09.95351" W	483918.146	1004574.750	1380.891	1400.541	0° 37' 55.66105"	0.999975075



TYPICAL TYPE II CONTROL MONUMENT

Colorado Department of Transportation



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Region 2

JPE

Sheet Revisions

Date	Description	Initials
04-20-09	Parce 5 Revision	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

Monumentation Sheet

Project Number: BR 0504-038

Project Location: SH 50C AND ST. CHARLES RIVER

MP 7.70 TO 7.88

Project Code:	Last Mod. Date	Subset	Sheet No.	Authorized
12654	04-20-09	7 of 11	4.01	MM-DD-YY



TABULATION OF R.O.W. MARKERS SET

Point No.	Northing	Easting	Elevation	Description	Station	Offset
100	576882.35	290508.22		3.5" Aluminum Cap with finned rod	1354+25.0	Lt 73.63'
102	576937.69	290878.93		3.5" Aluminum Cap with finned rod	1358+00.2	Lt 75.95'
103	576976.37	290873.36		3.5" Aluminum Cap with finned rod	1358+00.0	Lt 115.00'
104	576945.18	290656.54		3.5" Aluminum Cap with finned rod	1355+83.7	Lt 119.18'
105	576975.47	290621.30		3.5" Aluminum Cap with finned rod	1355+50.0	Lt 150.00'
106	576957.98	290497.53		3.5" Aluminum Cap with finned rod	1354+25.0	Lt 150.00'
300	576964.89	291041.62		3.5" Aluminum Cap with finned rod	1358+64.7	Lt 79.67'
301	577015.97	291040.96		3.5" Aluminum Cap with finned rod	1358+71.4	Lt 130.34'
200	576994.63	291096.97		3.5" Aluminum Cap with finned rod	1360+20.0	Lt 101.24'
201	577033.69	291444.09		3.5" Aluminum Cap with finned rod	1363+76.7	Lt 90.47'
202	577013.18	291446.21		3.5" Aluminum Cap with finned rod	1363+76.7	Lt 69.87'



TABULATION OF ALIQUOT CORNERS FOUND

Point No.	Northing	Easting	Elevation	Description	Station	Offset
1002	575545.56	294392.63		SE Corner Section 6, buried stone		
6540	578194.08	294401.98		E 1/4 Cor Section 6, 3 1/2" aluminum cap		

QUANTITY OF MONUMENTS SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	13									
CONTROL										
ALIQUOT CORNER										
PERMANENT EASEMENT										7
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 dated July, 2006, found in The Colorado Department of Transportation, M & S Standards for survey monument descriptions.
- This plan set is subject to change and 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 certification shown hereon.

TABULATION OF PERMANENT EASEMENT MARKERS SET

Point No.	Northing	Easting	Elevation	Description	Station	Offset
207	576789.64	290912.12		1.5" Aluminum Cap with finned rod	1358+12.1	Rt 75.34'
208	576807.98	291039.10		1.5" Aluminum Cap with finned rod	1359+40.1	Rt 75.27'
209	576709.01	291053.43		1.5" Aluminum Cap with finned rod	1359+40.2	Rt 175.27'
210	576716.44	291104.70		1.5" Aluminum Cap with finned rod	1359+91.9	Rt 175.23'
211	576501.44	291118.50		Did not set, innaccessable	1359+75.0	Rt 390.00'
212	576487.20	291019.51		Did not set, innaccessable	1358+75.0	Rt 390.00'
213	576762.41	290898.78		1.5" Aluminum Cap with finned rod	1357+94.7	Rt 100.40'
214	576764.90	290916.00		1.5" Aluminum Cap with finned rod	1358+12.1	Rt 100.39'
302	577152.54	290974.31		1.5" Aluminum Cap with finned rod	1359+25.0	Lt 275.00'
303	577134.74	290850.58		Did not set, innaccessable	1358+00.0	Lt 275.00'

SURVEYOR STATEMENT (ROW MONUMENTS)

I, Jeffry P. Eickelman, 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. 29034





Sheet Revisions

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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

Monumentation Sheet

Project Number: BR 0504-038				
Project Location: SH 50C AND ST. CHARLES RIVER				
MP 7.70 TO 7.88				
Project Code:	Last Mod. Date	Subset	Sheet No.	Authorized
12854	08-12-08	8 of 11	4.02	MM-DD-YY



TABULATION OF PRIVATE SURVEY MARKERS FOUND

Point No.	Northing	Easting	Elevation	Description	Station	Offset
1000	577994.66	290688.46		RED CAP, PLS 16128		
1001	577964.68	289979.23		YELLOW CAP, PLS 16128		
1385	576992.29	292614.85		SMOOTH 1/2" BAR		
1404	576960.21	291966.35		#4 REBAR		
1576	576777.38	289752.57		YELLOW CAP, PLS 16128		
1585	576819.48	290044.42		YELLOW CAP, PLS 16128		
1609	576835.52	290153.06		YELLOW CAP, PLS 16128		
1611	576841.65	290198.01		YELLOW CAP, PLS 16128		
2163	576970.76	292184.06		#3 REBAR		
2206	576964.89	291041.62		YELLOW CAP, PLS 16128		
4513	576713.20	289385.68		YELLOW CAP, PLS 16128		



Point No.	Northing	Easting	Elevation	Description	Station	Offset
203	577007.22	291403.7		3 1/2" Aluminum Cap set in concrete cyl	363+18	
525	576931.44	290841.56		3 1/2" Aluminum Cap set in concrete cyl	357+50	
1427	576683.80	291424.66		3 1/2" Aluminum Cap set in concrete cyl	363+18	
1442	576626.79	289721.32		3 1/2" Aluminum Cap set in concrete cyl	346+00	
1633	576851.38	290297.88		3 1/2" Aluminum Cap set in concrete cyl	352+00	
4501	576755.77	289603.96		3 1/2" Aluminum Cap set in concrete cyl	345+00	

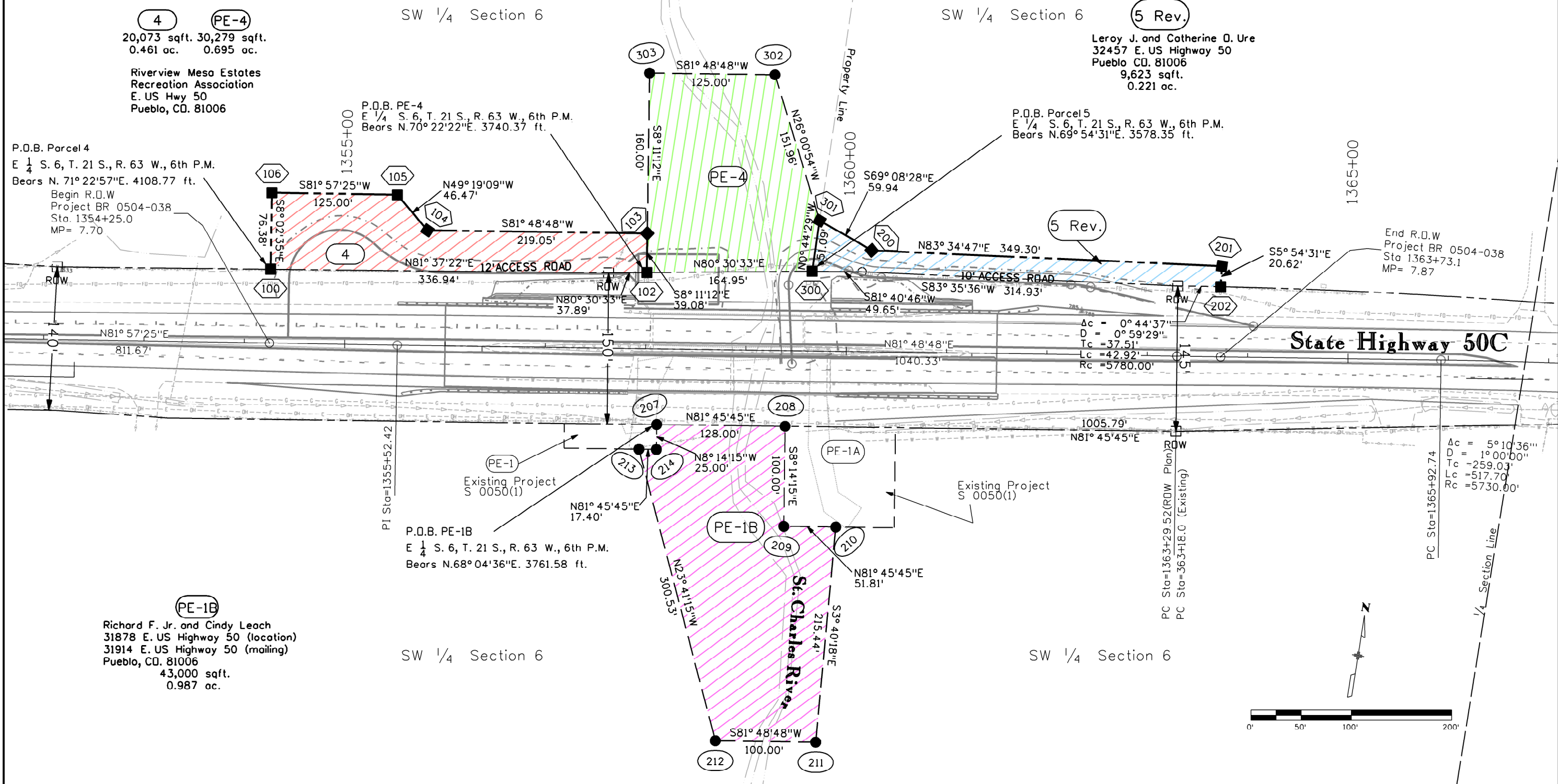
Sheet Revisions		
Date	Description	Initials
04/20/09	Parcel 5 Revision	PMM

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: BR 0504-038			
Project Location: S.H. 50C and St. Charles River			
MP 7.70 to MP 7.88			
Project Code:	Last Mod. Date	Subset	Sheet No.
12854	04-20-09	5.01 of 5.01	5.01

STATE HIGHWAY NO. 50C
PUEBLO COUNTY
SW 1/4 SECTION 6, T. 21 S., R. 63 W. OF THE 6TH P.M.





Sheet Revisions

Date	Description	Initials
04/20/09	Parcel 5 Revision	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: BR 0504-038			
Project Location: S.H. 50C and St. Charles River			
MP 7.70 to MP 7.88			
Project Code:	Last Mod. Date	Subset	Sheet No.
12854	04-20-09	6.01 of 6.01	6.01

SW 1/4 SECTION 6 & NW 1/4 SECTION 7
T. 21 S., R. 63 W., OF THE 6TH P.M.

