

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
2/3/2014	Additional Remarks on Parcel 100, Sheet 2.01	MCW		XXXXXXXX	XXX		XXXXXXXX	XXX

Right of Way Plans			
Title Sheet			
Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, Colorado			
Project Code: 16698	Last Mod. Date: 1-28-2014	Subset: 1 of 1	Sheet No.: 1.01

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

## RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BR 1251-008 STATE HIGHWAY NO. 125 GRAND COUNTY RIGHT OF WAY PROJECT CODE NO. 16698

R.O.W. Length of Project = 0.030 Miles  
Const. Length of Project = 0.101 Miles

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
2.01-2.01	(1) Tabulation of Properties
3.01-3.01	(1) Project Control Diagram
4.01-4.01	(1) Land Survey Control Diagram
5.01-5.01	(1) Monumentation Sheets
7.01-7.02	(2) Plan Sheets
8.01-8.01	(1) Ownership Map
(8) Total Sheets	

Scales of Original 11x17 Drawings  
Plan Sheets 1"=40' and 1"=100'  
Ownership Map 1"=400'

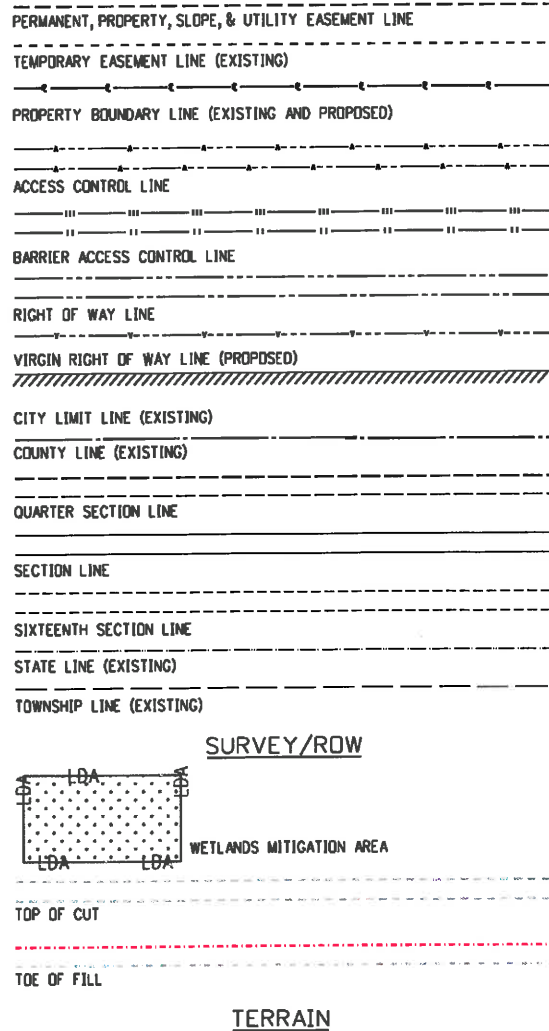
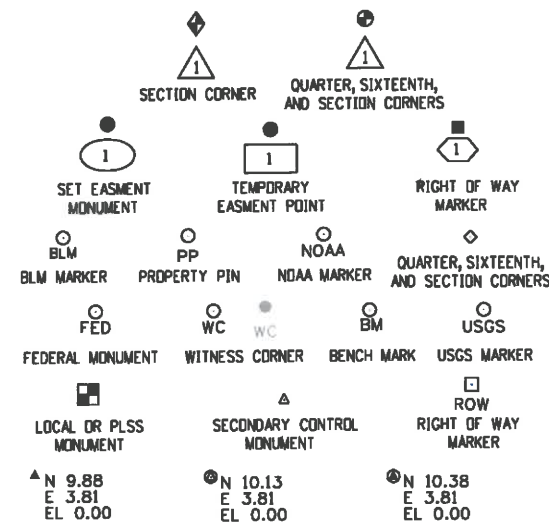
Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N38°05'20"W from CM-MP 54 and CM-MP 58. Both monuments are CDOT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (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 Policy), (Title Commitments), (Memorandums of Ownership) prepared by (Title Co. or individual) for (Title Insurance Co. or consultant)
3. 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.

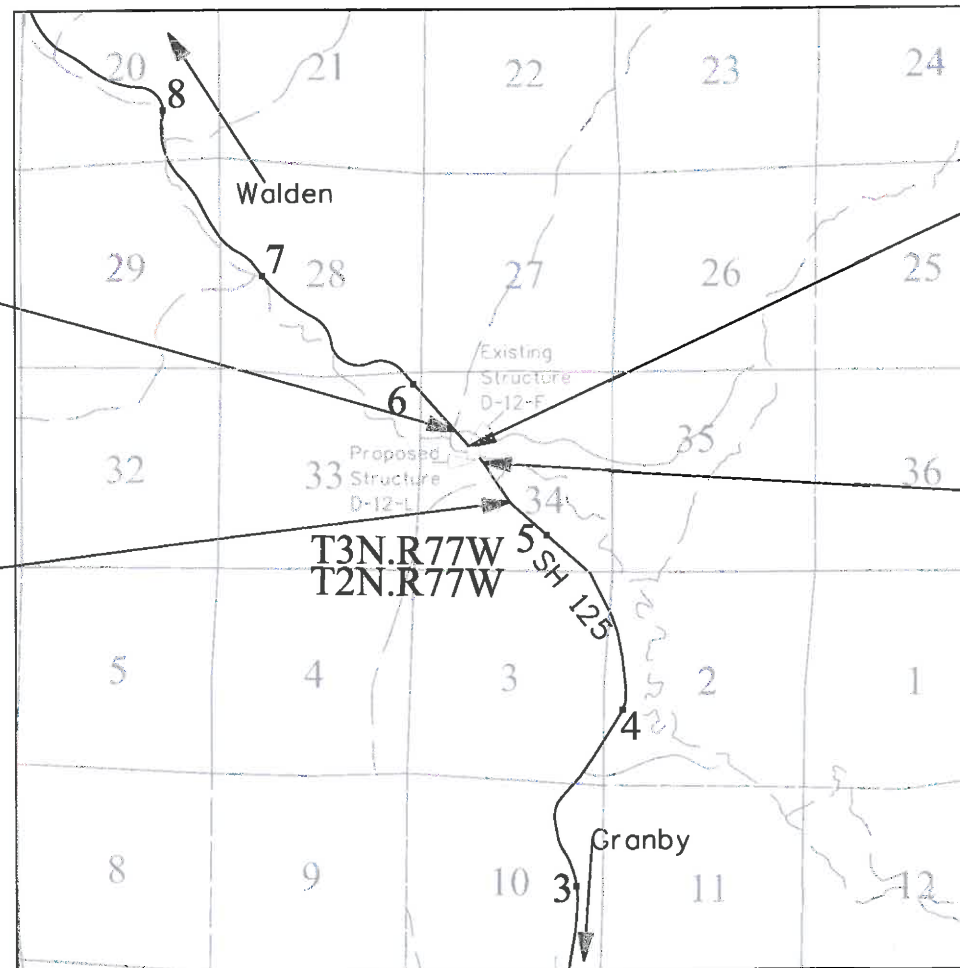
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
AUTHORIZED: *by [Signature]* 3/6/14  
DATE  
As Delegated by KATHY FREEMAN/ROW  
DIVISION ADMINISTRATOR MANAGER

SURVEYOR STATEMENT (ROW PLAN)  
I, Mark C. Wagner, 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. 38138



Begin Const Project  
Station: 853+65.00  
Station: 853+65.00  
on: FP 24-C2,D2,D3  
M.P. 5.610

End Const Project  
Station: 859+55.00  
Station: 859+55.00  
on: FP 24-C2,D2,D3  
M.P. 5.499

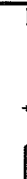


PROJECT LOCATION MAP



Note: For a complete listing and symbology used within this set of plans. Please refer to the Colorado Department of Transportation M&S Standards Publication dated July 2006.

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Right of Way Plans			
Title Sheet			
Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, Colorado			
Project Code: 16698	Last Mod. Date: 1-28-2014	Subset: 1 of 1	Sheet No.: 1.01

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

## RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BR 1251-008 STATE HIGHWAY NO. 125 GRAND COUNTY RIGHT OF WAY PROJECT CODE NO. 16698

R.O.W. Length of Project = 0.030 Miles  
Const. Length of Project = 0.101 Miles

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
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Scales of Original 11x17 Drawings  
Plan Sheets 1"=40' and 1"=100'  
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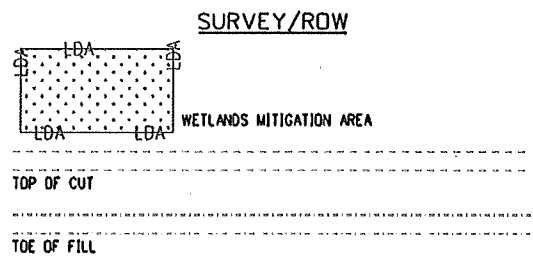
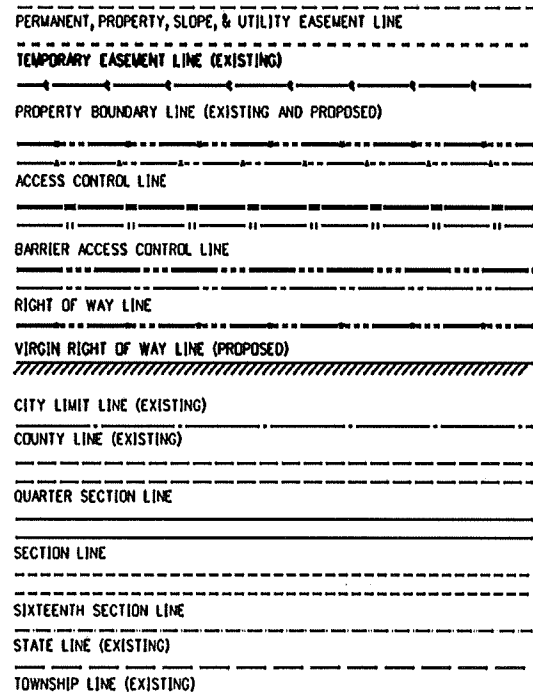
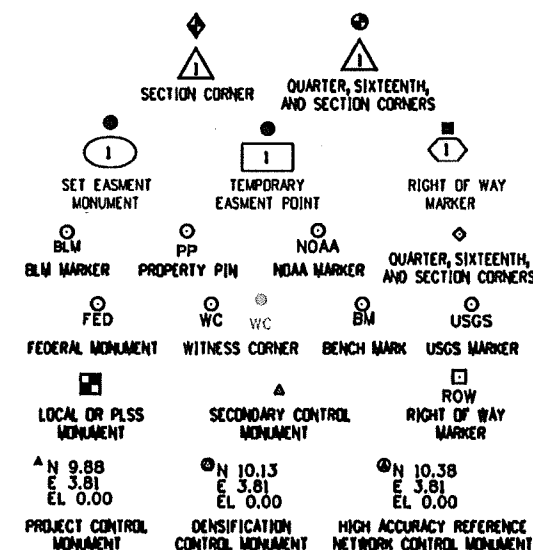
Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N38°05'20"W from CM-MP 54 and CM-MP 58. Both monuments are CDDT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

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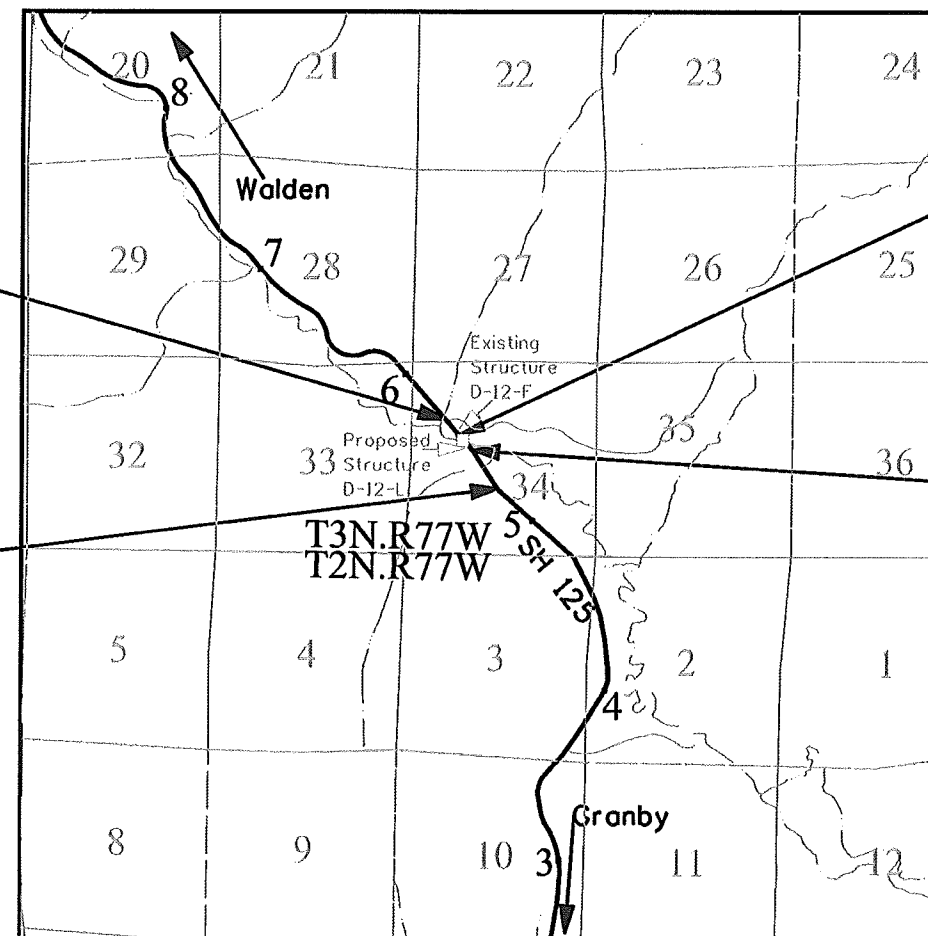
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
AUTHORIZED: *[Signature]* 1-29-14  
DATE  
DIVISION ADMINISTRATOR

SURVEYOR STATEMENT (ROW PLAN)  
I, Mork C. Wagner, 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. 38138



Begin Const Project  
Station: 853+65.00  
Station: 853+65.00  
on: FP 24-C2,D2,D3  
M.P. 5.610

End Const Project  
Station: 859+55.00  
Station: 859+55.00  
on: FP 24-C2,D2,D3  
M.P. 5.499



PROJECT LOCATION MAP



Note: For a complete listing and symbology used within this set of plans. Please refer to the Colorado Department of Transportation M&S Standards Publication dated July 2006.

[illegible]



Colorado Department of Transportation



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

Region 3

LED

Sheet Revisions

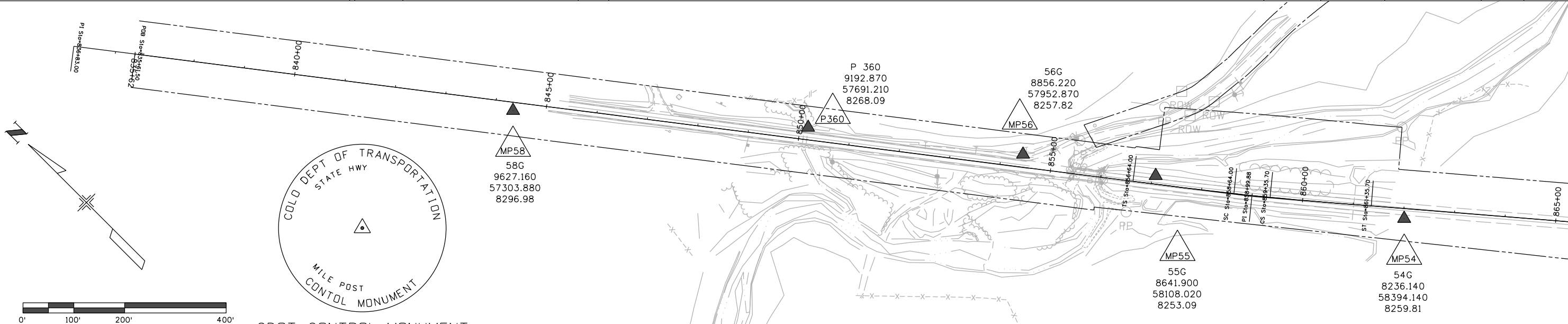
Date	Description	Initials
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State Highway 125 MP 5.499 to MP 5.608  
Located in  
Section 34, Township 3 North, Range 77 West  
6th Principle Meridian  
Grand County, State of Colorado

Project ControlDiagram

Plan Sheet

Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, State of Colorado			
Project Code:	Last Mod. Date	Subset	Sheet No.
16698	11-21-2013	3.01 of 3.01	3.01



CDOT CONTROL MONUMENT  
A 3 1/4" DIA. ALUMINUM CAP  
ON A 3/4" DIA ALUMINUM ROD

SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)

I, Mark C. Wagner, 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 guaranty or warranty, either expressed or implied.

Mark C. Wagner PLS No. 38138

Date

MODIFIED PROJECT COORDINATES

Points output in FEET:

PNT#	NORTHING	NORTHING COMBINED FACTOR	EASTING	EASTING COMBINED FACTOR	ELEVATION	FEATURE CODE
P 360	9192.870	1.0000003178	57691.210	0.9999998929	8268.09	1076
MP54	8236.140	1.0000000000	58394.140	1.0000000000	8259.81	1075
MP55	8641.900	1.0000001353	58108.020	0.9999999563	8253.09	1075
MP56	8856.220	1.0000002063	57952.870	0.9999999328	8257.82	1075
MP58	9627.160	1.0000004620	57303.880	0.9999998341	8296.98	1075

Modified Project Coordinates to State Plane Conversion as follows

(MPC+ Offset) x Combined Factor = State Plane Coordinates

Project number: BR 1251-008				Project Elevation	8226.923sft	
Project identifier: 16698				Zone	Colorado North	
RouteSH 125 Willow Creek Bridge				Ground Scale Factor	0.9995652070	
Project location:North of Granby, Grand County, Colorado						
MP 5.1 to MP 6.1				North Offset	1300000.000sft	
Project Latitude		40°10'42.21563"N		East Offset	2800000.000sft	
Project Longitude		106°00'24.43096"W		Units are Meters		
STATE PLANE COORDINATES						
PNT#	LATITUDE	LONGITUDE	SP NORTHING	SP EASTING	ELIP HEIGHT	DESCRIPTION
			USS Feet	USS Feet	USS Feet	
P360G	40°10'51.62645"N	106°00'33.55405"W	1309192.455	2857691.518	8227.332	CGS TYPE 5
MP54G	40°10'42.21563"N	106°00'24.43096"W	1308236.138	2858394.142	8219.026	CDOT TYPE II
MP55G	40°10'46.20758"N	106°00'28.14556"W	1308641.723	2858108.145	8212.340	CDOT TYPE II
MP56G	40°10'48.31589"N	106°00'30.15949"W	1308855.955	2857953.058	8217.119	CDOT TYPE II
MP58G	40°10'55.89432"N	106°00'38.57456"W	1309626.552	2857304.350	8256.288	CDOT TYPE II
WINDY GAP	40°06'07.66758"N	105°58'25.32555"W	1280404.217	2867490.184	7827.570	CGS TYPE 5

BASIS OF BEARINGS: Bearings in the calculations of coordinates are based on a grid bearing of N38°05'20"W from the MP54 (3.25" Aluminum CDOT Control Point Cap) to CDOT MP58 (3.25" Aluminum CDOT Control Point Cap) as obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

BASIS OF ELEVATIONS: An elevation of 8268.09 feet for Bench Mark P 360 was adjusted from an NGS Data Sheet. The other control point elevations were derived by differential leveling from P 360.

COORDINATE DATUM: Project coordinates are modified Colorado State Plane North (0501) Zone NAD '83/(2007) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates were generated by Trimble Geomatics Office, and each coordinate has its own Combined factor. The resulting project coordinates are truncated by 1300000 USSF in the Northing and 2800000 USSF in the Easting after converting from state plane coordinates to project coordinates. The CHARN is based on the NAD '83(2007) datum.

▲ 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' x 3/4" dia. finned aluminum security rod on a 3' x 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 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.

Construction Surveying and Monumentation Requirements

1. 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 submitting a bid price.

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 Contractor's 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 CDOT 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 accordingly.

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 hard copy.



Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

State Highway 125 MP 5.499 to MP 5.608  
Located in  
Section 34, Township 3 North, Range 77 West  
6th Principle Meridian  
Grand County, State of Colorado

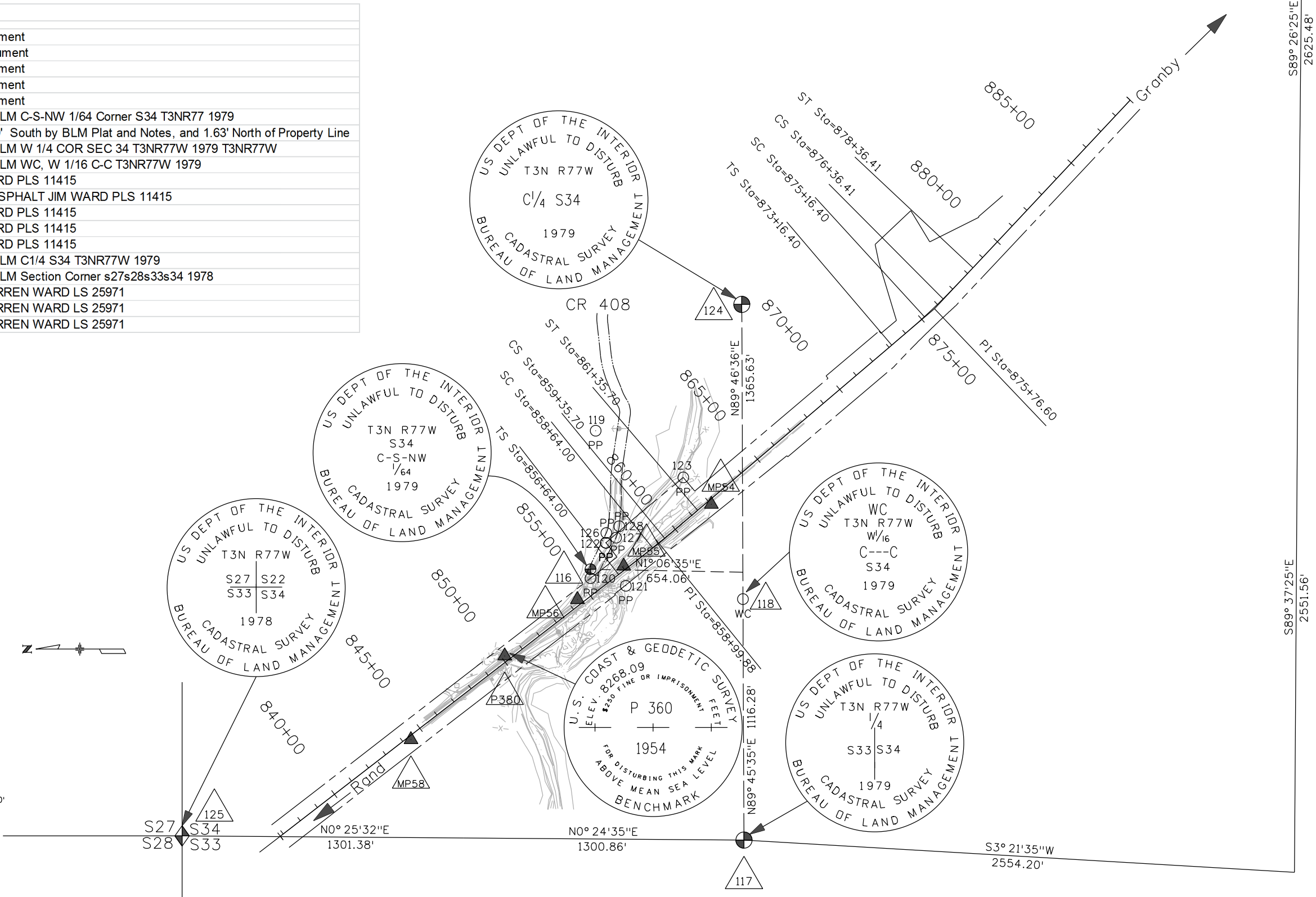
Land Survey Control Diagram

Plan Sheet

Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, State of Colorado			
Project Code:	Last Mod. Date	Subset	Sheet No.
16698	12-10-2013	4.01 of 4.01	4.01

Section 34, Township 3 North, Range 77 West 6th PM

Point #	Northing	Easting	Description
58G	9627.16	57303.88	SET CDOT Type 2 Monument
360G	9192.87	57691.21	Found CGS Type 5 Monument
55G	8641.90	58108.02	SET CDOT Type 2 Monument
54G	8236.14	58394.14	SET CDOT Type 2 Monument
56G	8856.23	57952.87	SET CDOT Type 2 Monument
116	8795.87	58093.05	Found 3.25" Aluminum BLM C-S-NW 1/64 Corner S34 T3NR77 1979
			True 1/64 Corner is 51.69' South by BLM Plat and Notes, and 1.63' North of Property Line
117	8084.95	56838.51	Found 3.25" Aluminum BLM W 1/4 COR SEC 34 T3NR77W 1979 T3NR77W
118	8089.63	57954.78	Found 3.25" Aluminum BLM WC, W 1/16 C-C T3NR77W 1979
119	8771.75	58734.98	Found 2" al cap JIM WARD PLS 11415
120	8795.71	58051.52	Found 1.5" AL CAP IN ASPHALT JIM WARD PLS 11415
121	8631.96	58016.20	Found 2" al cap JIM WARD PLS 11415
122	8724.18	58215.81	Found 2" al cap JIM WARD PLS 11415
123	8366.20	58518.50	Found 2" al cap JIM WARD PLS 11415
124	8094.95	59320.40	Found 3.25" Aluminum BLM C1/4 S34 T3NR77W 1979
125	10687.12	56857.48	Found 3.25" Aluminum BLM Section Corner s27s28s33s34 1978
126	8722.39	58261.30	Found 1.5" AL CAP WARREN WARD LS 25971
127	8677.21	58239.38	Found 1.5" AL CAP WARREN WARD LS 25971
128	8662.88	58292.20	Found 1.5" AL CAP WARREN WARD LS 25971



Colorado Department of Transportation



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Region 3

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Sheet Revisions

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Sheet Revisions

Date	Description	Initials
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Sheet Revisions

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Right of Way Plans

Monumentation Sheet

Project Number: BR 1251-008				
Project Location: Sh 125 Willow Creek Bridge [D-12-F]				
North of Granby, Grand County, State of Colorado				
Project Code:	Last Mod. Date	Subset	Sheet No.	
16698	1-21-2014	5.01 of 5.01	5.01	



TABULATION OF R.O.W. MARKERS TO BE SET

Point No.	Northing	Easting	Description	Station	Offset
300	8794.90	58074.36	CDOT Type 1 Monument	855+65.03	-82.69
301	8774.05	58068.18	CDOT Type 1 Monument	855+77.79	-65.07
305	8702.68	58188.07	CDOT Type 1 Monument	857+07.89	-116.46
306	8672.69	58149.49	No Monument Set	857+07.94	-67.59
307	8709.43	58121.89	No Monument Set	856+61.75	-68.20
308	8709.47	58117.87	No Monument Set	856+59.27	-65.04
309	8754.08	58083.55	CDOT Type 1 Monument	856+02.99	-65.06



TABULATION OF PERMANENT EASEMENT MARKERS TO BE SET

Point No.	Northing	Easting	Description	Station	Offset
200	8597.18	58044.20	CDOT Type 6 Monument	857+03.10	61.89
201	8593.11	57985.92	No Monument Set	856+70.96	110.50
202	8616.42	57883.01	No Monument Set	855+89.70	177.82
203	8707.62	57904.37	No Monument Set	855+30.47	105.25
204	8723.16	57938.47	CDOT Type 6 Monument	855+38.97	68.75
205	8679.02	57972.43	CDOT Type 6 Monument	855+94.66	68.77
206	8682.68	57977.18	CDOT Type 6 Monument	855+94.66	62.77

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	4									
CONTRL										
ALIQUEOT CORNER										
PERMANENT EASEMENT										4
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 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.

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SURVEYOR STATEMENT (R.O.W. MONUMENTS)

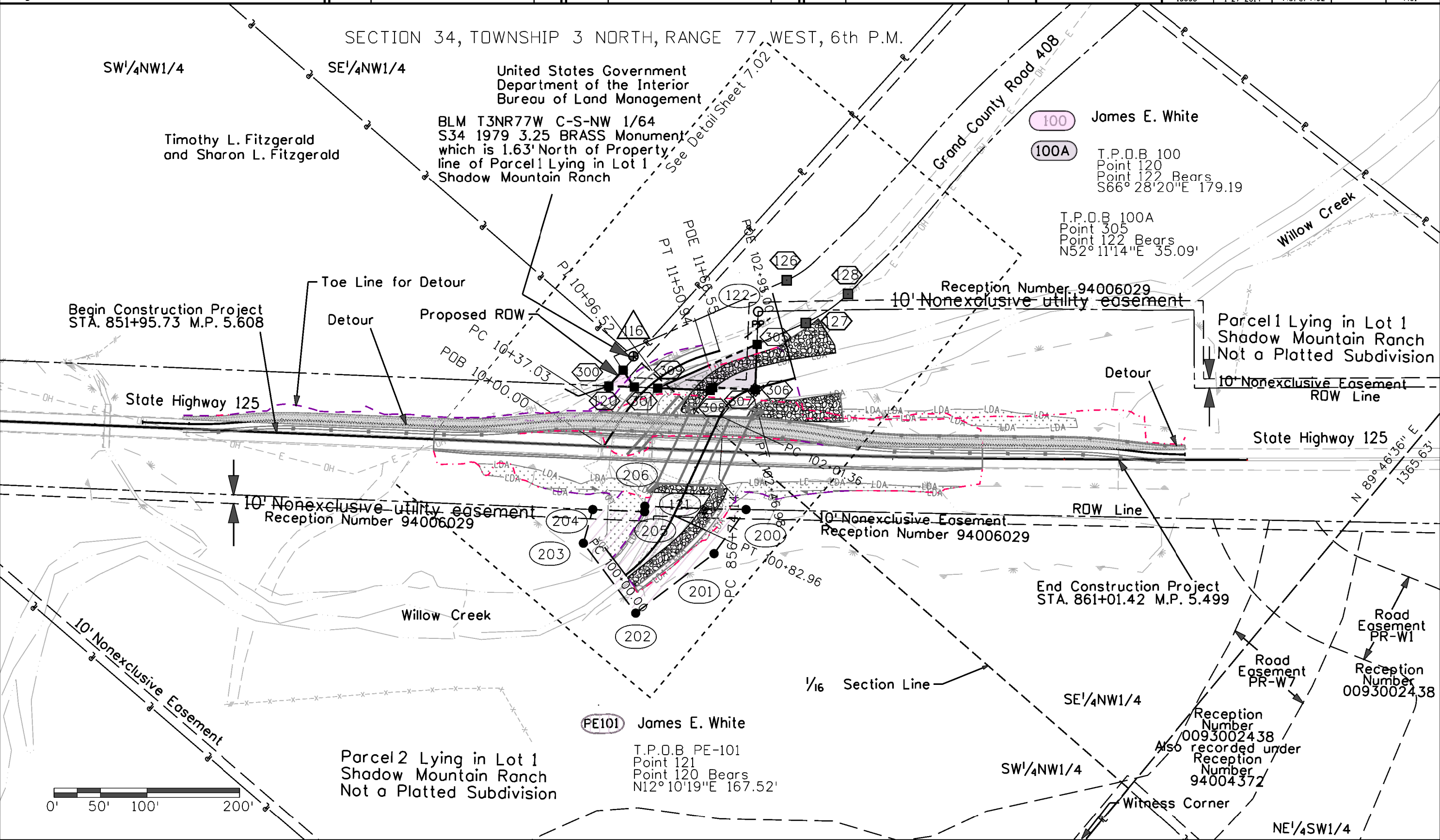
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PLS No. 38138



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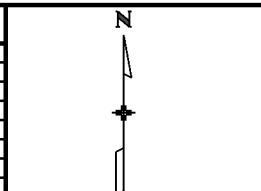
Right of Way Plans			
Plan Sheet			
Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, State of Colorado			
Project Code: 16698	Last Mod. Date: 1-27-2014	Subset: 7.01 of 7.02	Sheet Number: 7.01



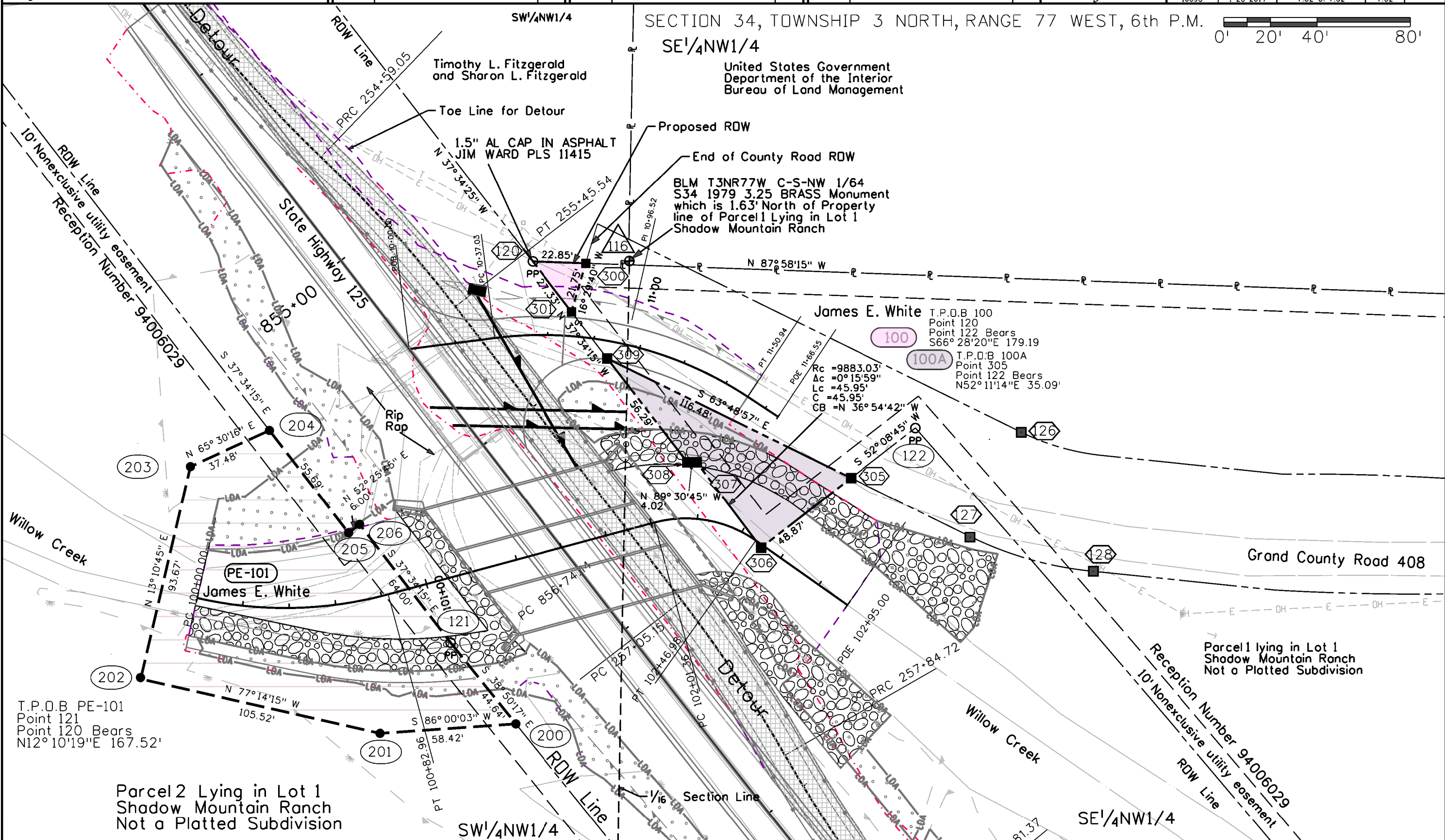
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Date	Description	Initials
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Sheet Revisions		
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Right of Way Plans			
Plan Sheet			
Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, State of Colorado			
Project Code: 16698	Last Mod. Date: 1-28-2014	Subset: 7.02 of 7.02	Sheet No.: 7.02





Colorado Department of Transportation



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Region 3

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Sheet Revisions

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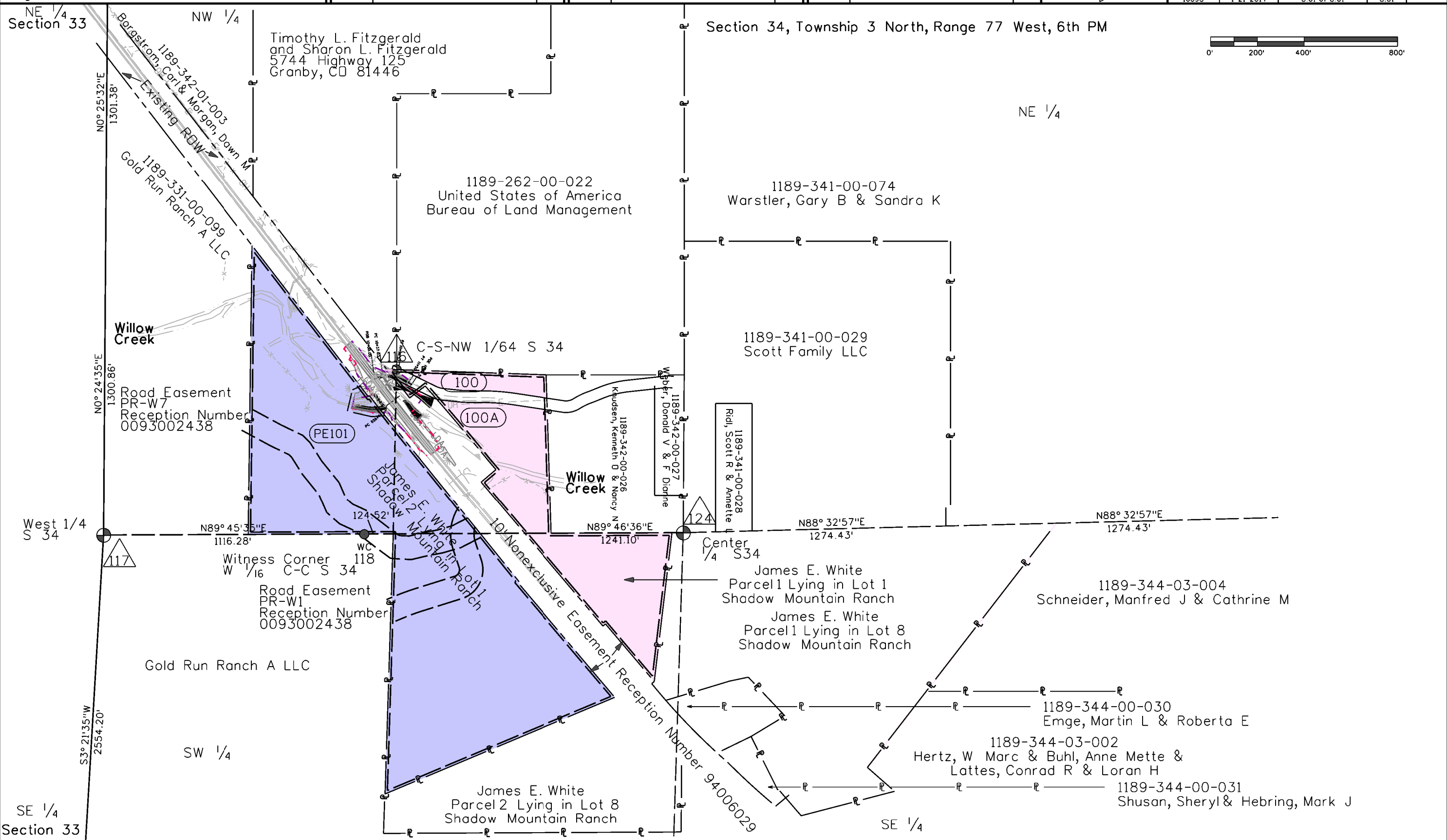
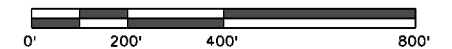
Sheet Revisions

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mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Ownership Sheet

Project Number: BR 1251-008			
Project Location: SH 125 Willow Creek Bridge [D-12-F]			
North of Granby, Grand County, State of Colorado			
Project Code:	Last Mod. Date	Subset	Sheet No.
16698	1-21-2014	8.01 of 8.01	8.01



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