



2000 South Holly
Denver, CO 80222
Phone: 303-757-9923 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

Date	Description	Initials
11/16/11	Sheets 2.01,2.02,5.01,7.01,8.01	MMM
03/09/12	Sheets 2.01,2.02,5.01,7.01,7.02,8.01, add 2.03	MMM
06/26/12	Sheets 2.01,5.01,7.01,7.02,8.01	MMM
08/27/12	Sheets 2.01,5.01,7.01,7.02,8.01	MMM
01/21/13	Sheets 2.03,4.01,4.03-4.05,5.01,7.01,8.01	MMM
-	add 7.03,7.04	MMM
01/21/13	Sheets 2.03,5.01,7.01,8.01	MMM

Sheet Revisions

Date	Description	Initials
03/15/13	Sheets 2.03,5.01,7.01,7.02,8.01	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

JACOBS™

707 17th Street, Suite 2300
Denver, Colorado 80202
Phone: 303-820-5240
Fax: 303-820-5298

Right of Way Plans

Title Sheet

Project Number: FBR 0361-101

Project Location: Old Wadsworth (112th Ave) over US36

Secs.2 & 11 T2S,R69W/6th PM

Project Code:	Last Mod. Date	Subset	Sheet No.
18195	03-15-13	1.01 of 1.01	1.01

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED
FEDERAL AID PROJECT NO. FBR 0361-101
STATE HIGHWAY NO. 36
BROOMFIELD & JEFFERSON COUNTIES

SHEET NO.

1.01
2.01-2.03
3.01-3.0X
4.01-4.05
5.01
6.01-6.0X
7.01-7.04
8.01

INDEX OF SHEETS

(1) Title Sheet
(3) Tabulation of Properties
(NA) Project Control Diagram
(5) Land Survey Control Diagram
(1) Monumentation Sheets
(NA) Tabulation of Road Approach Sheets
(4) Plan Sheets
(1) Ownership Map

(15) Total Sheets

Scales of Original 11x17 Drawings

Plan Sheets 1"=100' & 1"=50'

Ownership Map 1"=400'

BASIS OF BEARINGS: Bearings are Grid Bearings of the Universal Transverse Mercator (UTM) coordinate system, Zone 13-N obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN) and the National Geodetic Survey's Continuously Operating Reference Stations (CORS). The line between NGS control monument ARGD (being metal rod in logo box) and NGS control monument OVERLOOK (being a standard NGS disk in concrete stamped "OVERLOOK 1985"), bears N 41°06'01"W, a distance of 88,308.12 feet.

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.

2. For title information, the surveyor in responsible charge relied on informational title commitments issued by Attorneys Title Guaranty Fund, Inc. and Front Range Title of Downtown Denver, LLC.

3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

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.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED:

DATE

DIVISION ADMINISTRATOR

SURVEYOR STATEMENT (ROW PLAN)

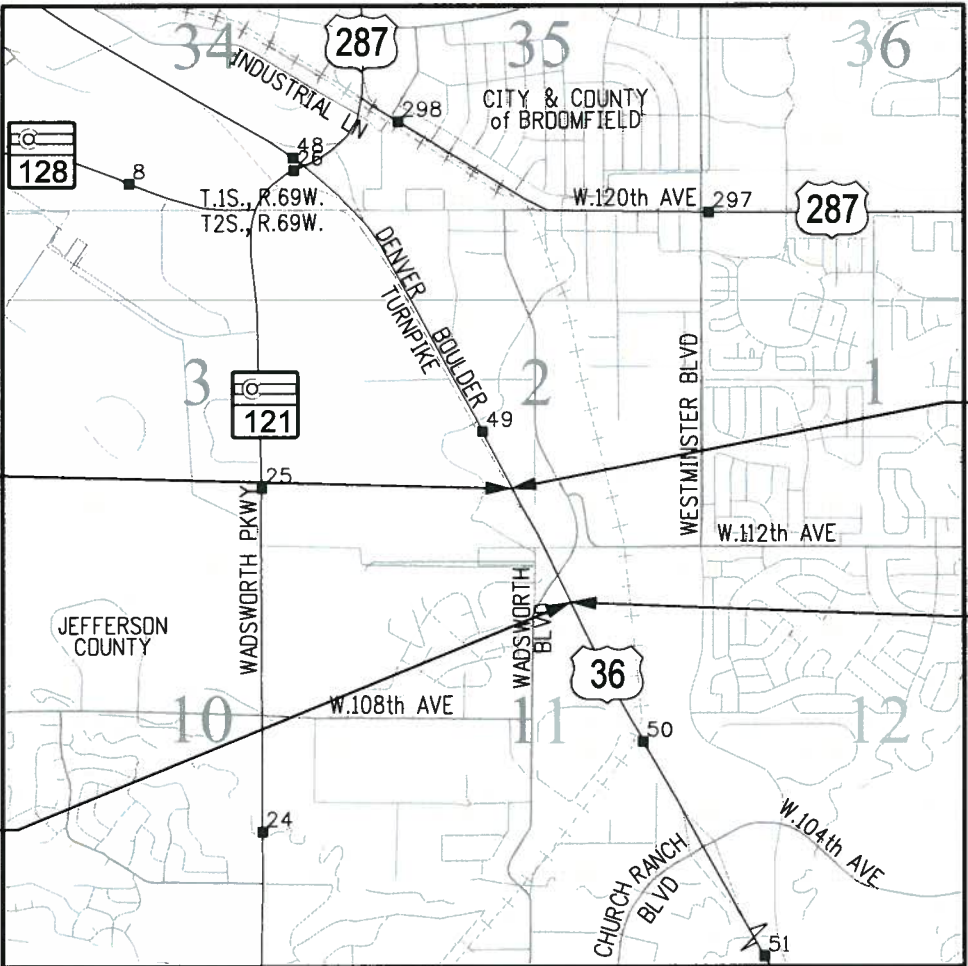
I, Maria M. McUmber, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan 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. 24961



R.O.W. Length of Project = 0.52 Miles

Const. Length of Project = 0.52 Miles



Begin Const Project
Station: 2127+00
M.P.: 49.09

End Const Project
Station: 2155+00
M.P.: 49.61

Begin ROW Project
Station: 2127+00
M.P.: 49.09

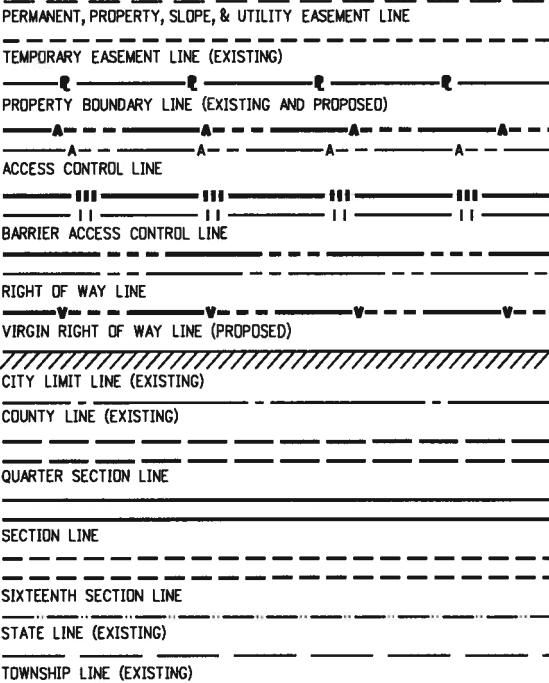
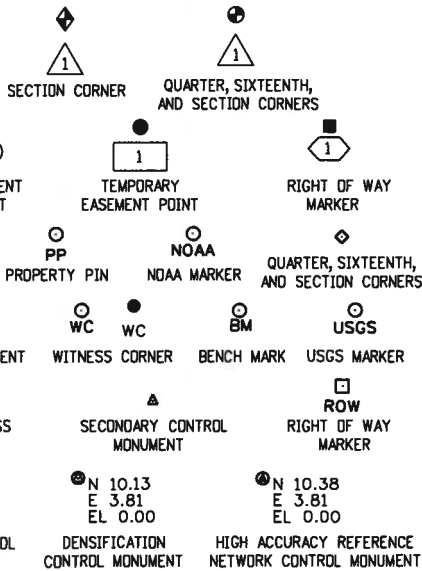
End ROW Project
Station: 2155+00
M.P.: 49.61

PROJECT LOCATION MAP



FILING CERTIFICATE

Deposited this _____ day of _____, 2012
at _____, in book _____ of the County
Clerk & Recorders Land Survey/Right-of-Way
Surveys at Page(s) _____, Reception No. _____



SURVEY/ROW

TERRAIN

Note: For a complete listing of symbolology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006.

8/28/2012 12:41:27 PM K:\0W\XW7000-US36CDDT\18195\RDW_Survey\Drawings\18195\RDW_TabProp201.dgn

Colorado Department of Transportation  2000 South Holly Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757-9390 Region 6SLK		Sheet Revisions			Sheet Revisions			Sheet Revisions			JACOBS™ 707 17th Street, Suite 2300 Denver, Colorado 80202 Phone: 303-820-5240 Fax: 303-820-5298		Right of Way Plans				
		Tabulation of Properties															
		Project Number: FBR 0361-101															
		Project Location: Old Wadsworth (112th Ave) over US36															
		Secs.2 & 11 T2S,R69W/6th PM															
Project Code:		Last Mod. Date		Subset		Sheet No.											
18195		08-27-12		2.01 of 2.03		2.01											
R.O.W. TABULATION OF PROPERTIES IN BROOMFIELD COUNTY U.S. NO. 36																	
Parcel No.	Ownership Name and Mailing Address	Site Address	Location	Area In Square Feet (Acres)					Book and Page No. And/Or Reception No.	Title Commitment No.	Remarks						
				Area Of Parcel	Existing ROW	Net Area	Remainder Left	Remainder Right									
			Section 2, T2S, R69W														
100 Rev3	Colorado R & R, LLC, a	Vacant Land	A part of the SE 1/4	118,259		475,307	357,048			NF009742							
	Colorado limited liability company			(2.715)		(10.912)	(8.197)			10/12/2011							
	28 Alles Drive Greeley, CO 80631																
100A	same as above	Vacant Land	A part of the SE 1/4	1,694		1,694	0			NF01039-4							
				(0.039)		(0.039)	0			2/15/2012							
100B Rev	same as above	Vacant Land	A part of the SE 1/4	7,224		30,920	23,696			NF01039-4							
				(0.166)		(0.710)	(0.544)			2/15/2012							
100C	same as above	Vacant Land	A part of the SE 1/4	24,614		475,307	450,693			NF009742							
				(0.565)		(10.912)	(10.347)			10/12/2011							
100R	same as above	Vacant Land	A part of the SE 1/4	142,229		475,307	333,078			NF009742							
				(3.265)		(10.912)	(7.647)			10/12/2011							
PE-100 Rev	Removed																
SE-100 Rev	Removed																
SE-100A	Removed																
101	City and County of Broomfield, a	Vacant Land	A part of the SW 1/4	14,893		55,733		40,840		NF010002							
	municipal corporation			(0.342)		(1.279)		(0.937)		10/12/2011							
	One DesCombes Dr.																
	Broomfield, CO 80020																
101A	same as above	Vacant Land	A part of the SW 1/4	33,884		170,814		136,930		NF010002							
				(0.778)		(3.921)		(3.143)		10/12/2011							
101B	same as above	Vacant Land	A part of the SW 1/4	10,067		40,123		30,056		NF010022							
				(0.231)		(0.921)		(0.690)		10/12/2011							
101C	same as above	Vacant Land	A part of the SW 1/4	1,006		129,168		128,162		NF010032							
				(0.023)		(2.965)		(2.942)		10/12/2011							
101D	Removed																
101E	same as above	Upland Avenue ROW	A part of the SW 1/4	2,896							Acquired for the112th Bridge Abutment						
				(0.066)													

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Colorado Department of Transportation 2000 South Holly Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757-9390 Region 6SLK			Sheet Revisions			Sheet Revisions			Sheet Revisions			JACOBS™ 707 17th Street, Suite 2300 Denver, Colorado 80202 Phone: 303-820-5240 Fax: 303-820-5298	Right of Way Plans				
			DateDescriptionInitials			DateDescriptionInitials			DateDescriptionInitials				Tabulation of Properties				
			11/16/11rev SE-102MMM			mm/dd/yyXXXXXXXXX			mm/dd/yyXXXXXXXXX				Project Number: FBR 0361-101				
			03/09/12add 105,105AMMM										Project Location: Old Wadsworth (112th Ave) over US36				
			01/21/13add 55RevX & 55RevXAMMM										Secs.2 & 11 T2S,R69W/6th PM				
03/15/13rev SE-102RevMMM												Project Code:Last Mod. DateSubsetSheet No.					
												1819503-15-132.03 of 2.032.03					
Parcel No.	Owner	Address	Location	Area In Acres					Book and Page No. And/Or Reception No.	Title Commitment No.	Remarks						
				Area Of Parcel	Existing ROW	Net Area	Remainder Left	Remainder Right									
			Section 2, T2S, R69W														
102	PARK 36 INVESTMENT, LLC, a	11272 Parkland St.	A part of Tract A	3,327		141,039	137,712			NF009982							
	Colorado limited liability company	Broomfield, CO 80020	Broomfield Urban Transit Village	(0.076)		(3.238)	(3.162)			10/12/2011							
	555 Eldorado Blvd. Suite 200		Filing No. 9, Minor Subdivision														
	Broomfield, CO 80021																
SE-102Rev2	same as above	same as above	same as above	6,017		141,039				NF009982	For the construction, maintenance and use of roadway						
				(0.138)		(3.238)				10/12/2011	features and appurtenances, including slope						
SE-102A	same as above	7901 Uptown Ave.	A part of Parcel Z	5,455		484,947				NF010052							
		Broomfield, CO 80020	Broomfield Urban Transit Village	(0.125)		(11.133)				10/12/2011	For the construction, maintenance and use of roadway						
			Filing No. 4								features and appurtenances, including slope						
AP-103	ROBERT D. RAYMER	same	A part of the SE 1/4	32,231		32,231				NF00997							
	11375 Wadsworth Blvd.			(0.740)		(0.740)				10/4/2011							
	Broomfield, CO 80020																
			Section 11, T2S, R69W														
104	DALLAS D. HASS AND ALICE M. HASS	same	A part of the NW 1/4	400		126,299		125,899		PC201109008056							
	7657 W. 111th Ave.			(0.009)		(2.899)		(2.890)		File No. 01091-11							
	Westminster, CO 80021									8/29/2011							
			Section 2, T2S, R69W														
105	Broomfield Investors, LLC, a	11201 Wadsworth Bypass	A part of the SW 1/4	32,196		1,315,028	1,282,832			NF01004-2							
	Maryland limited liability company	Broomfield, CO 80020		(0.739)		(30.189)	(29.450)			2/24/2012							
	C/O Mie Properties Inc.,																
	Beltway West Corporate Center																
	2560 Lord Baltimore Drive																
	Windsor Hill, MD 21244																
105A	same as above	same	A part of the SW 1/4	4,043		1,315,028	1,310,985			NF01004-2							
				(0.093)		(30.189)	(30.096)			2/24/2012							
55RevX	THE STATE HIGHWAY COMMISSION OF	U.S. Highway No. 36 Right of Way	A part of the SE 1/4	500,126		512,614	12,488			NF01166-2	To be conveyed to Broomfield						
	COLORADO, A PUBLIC CORPORATION			(11.481)		(11.768)	(0.287)			12/12/2012							
	(N.K.A. Colorado Department of																
	Transportation)																
	4201 East Arkansas Avenue																
	Denver, CO 80222-3400																
55RevXA	same as above	U.S. Highway No. 36 Right of Way	A part of the SE 1/4	12,488		512,614	500,126			NF01166-2	To be conveyed to Westminster						
				(0.287)		(11.768)		(11.481)		12/12/2012							



Sheet Revisions

Date	Description	Initials
07/18/12	Revised Vertical Datum	MMM
01/21/13	Sheet 4.03-4.05	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

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**707 17th Street, Suite 2300
Denver, Colorado 80202
Phone: 303-820-5240
Fax: 303-820-5298**

Land Survey Control Diagram

Title Sheet

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs.2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
18195	01-21-13	4.01	4.01

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

LAND SURVEY CONTROL DIAGRAM

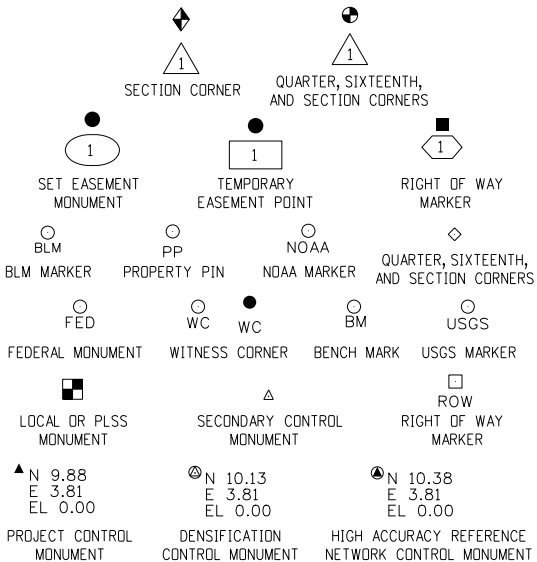
State Highway 36 MP 49.09 to 49.61
Sections 2 & 11, Township 2 South, Range 69 West
of the 6th Principal Meridian
Counties of BROOMFIELD & JEFFERSON

SHEET NO.

4.01
4.02-4.03
4.04-4.05

INDEX OF SHEETS

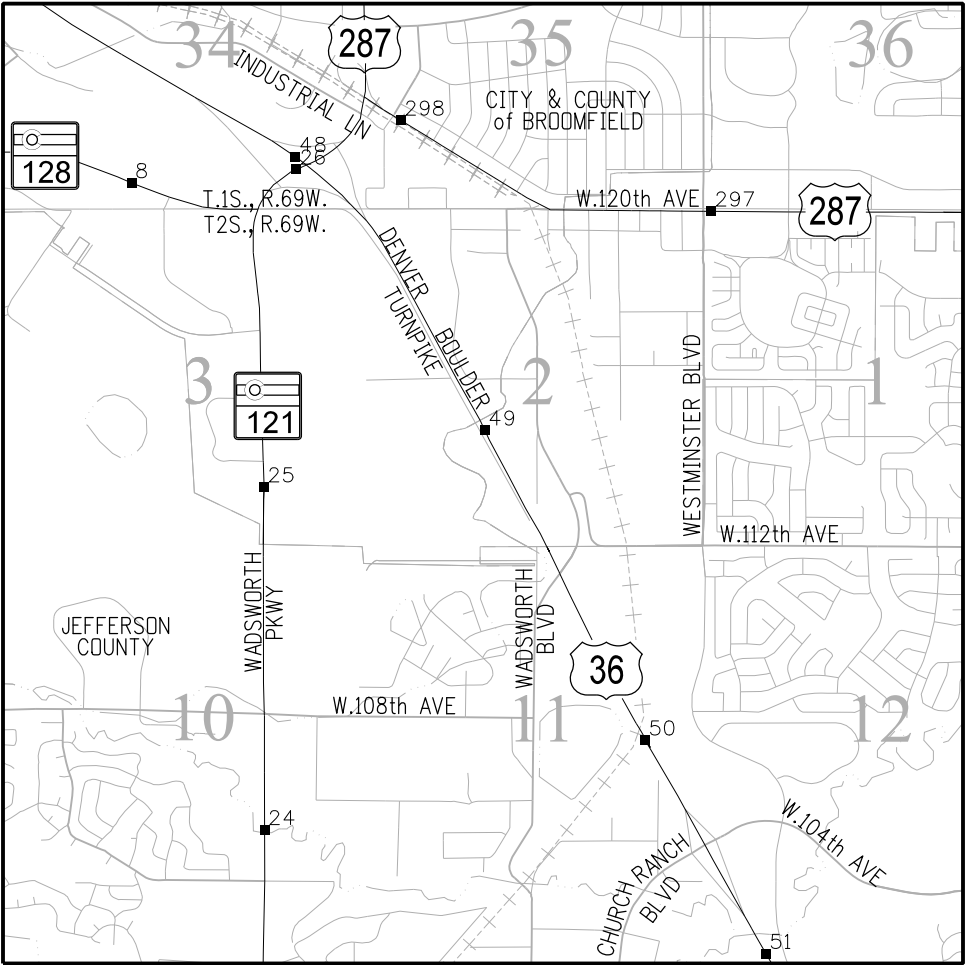
- (1) Title Sheet
(2) Plan Sheet
(2) Monument Coordinate Tables
(5) Total Sheets



Note: For a complete listing of symbololgy used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006.

GENERAL NOTES:

- This Land Survey ControlDiagram is to document the recovery and/or establishment of survey points that willbe the basis of future surveys for design purposes, right-of-way acquisitions, monumentation, and/or roadway construction. This Land Survey Diagram is not a Monumented Land Survey or Boundary Survey and does not address matters of title.
- BASIS OF BEARINGS:** Bearings are Grid Bearings of the Universal Transverse Mercator (UTM) coordinate system, Zone 13-N obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN) and the National Geodetic Survey's Continuously Operating Reference Stations (CORS). The line between NGS control monument ARGD (being metalrod in logo box) and NGS control monument OVERLOOK (being a standard NGS disk in concrete stamped "OVERLOOK 1985"), bears N41°06'01"W, a distance of 88,308.12 feet.
- Geodetic coordinates are NAD'83 (1992) based on a fast static GPS survey for the US-36 Environmental Impact Statement (EIS), CDDT Project Code 14133. Control Points from the US-36 EIS that are relevant to this project are shown herein. No new fast static control points were established. See Note 1 on Sheet 4.04.
- Project specific coordinates were obtained by multiplying the project's UTM coordinates by 1.000650402 and then truncating the northing by 14,000,000 and the easting by 1,000,000. Published units are in US survey feet: 1 survey foot = (1200/3937) meters.
- Horizontal Control Tolerances of Project Control Points meet the precision requirements of CDDT type A control (+/- 0.07' with 95% certainty).
- Vertical Datum: Elevations are NAVD'88 Second Order Class 1, originally established by digital differential level by CDDT crews for the US-36 EIS and adjusted for this project to match the NGS, June 2009, Project L26455 adjustment.



PROJECT LOCATION MAP

0' 1500' 3000' 6000'



Jefferson County Depositing Certificate:

Deposited this _____ day of _____, 201__ at _____ o'clock ____M. under
Reception No. _____
By _____
Title _____

City & County of Broomfield Depositing Certificate:

Deposited this _____ day of _____, 201__ at _____ o'clock ____M. under
Reception No. _____
By _____
Title _____

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 (LAND SURVEY CONTROL DIAGRAM)

I, Marla M. McOmber, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Land Survey 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.

PLS No. 24961

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9923 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

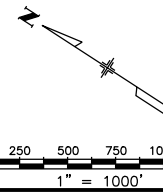
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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

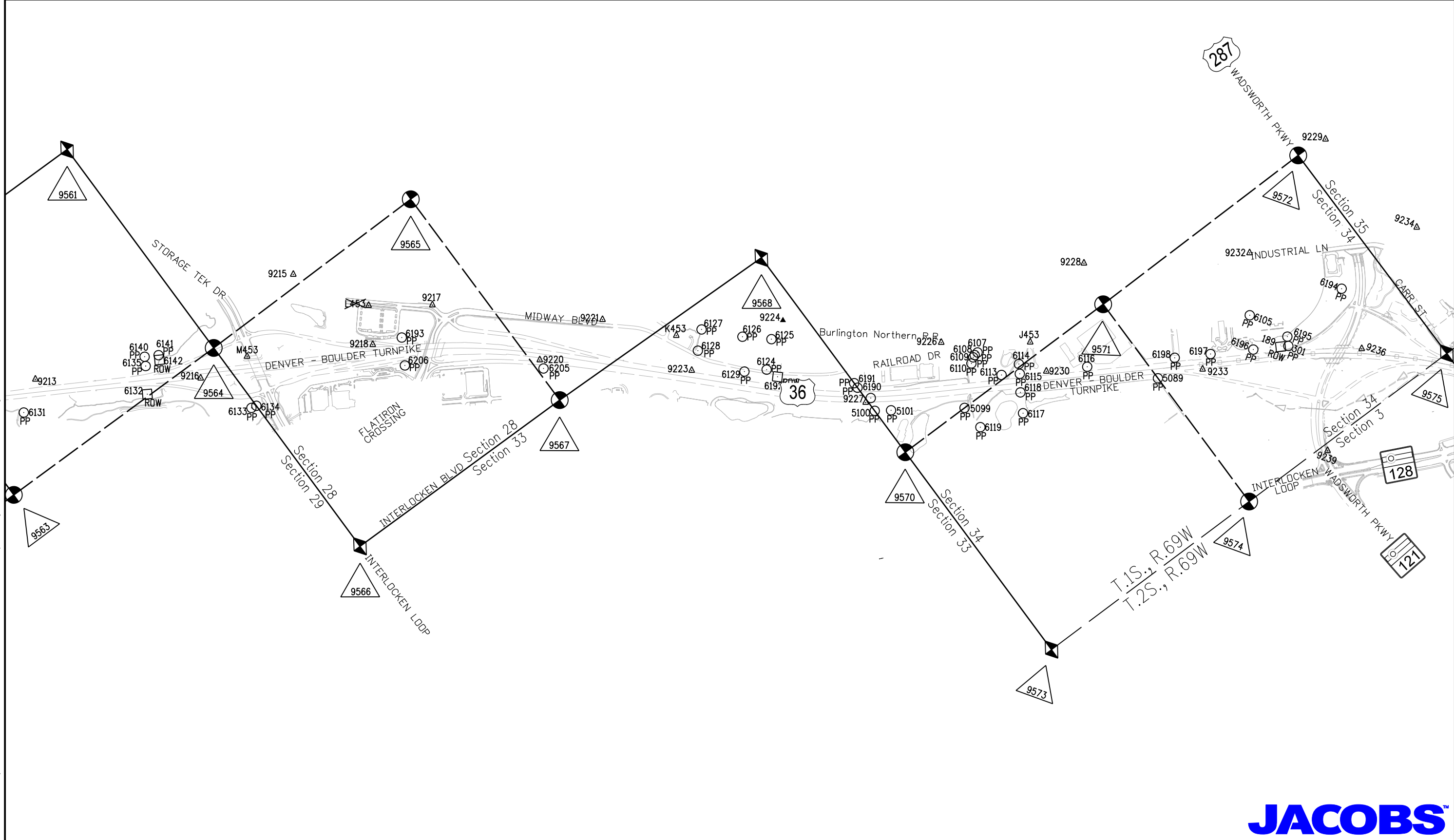
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mm/dd/yy	XXXXXXXX	XXX



Land Survey Control Diagram

Plan Sheet

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs.2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
18195	08-21-12	4.02 to 4.03	4.02



Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9923 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

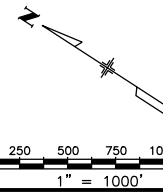
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01/21/13	add 6440,6481 del 9578,9583	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

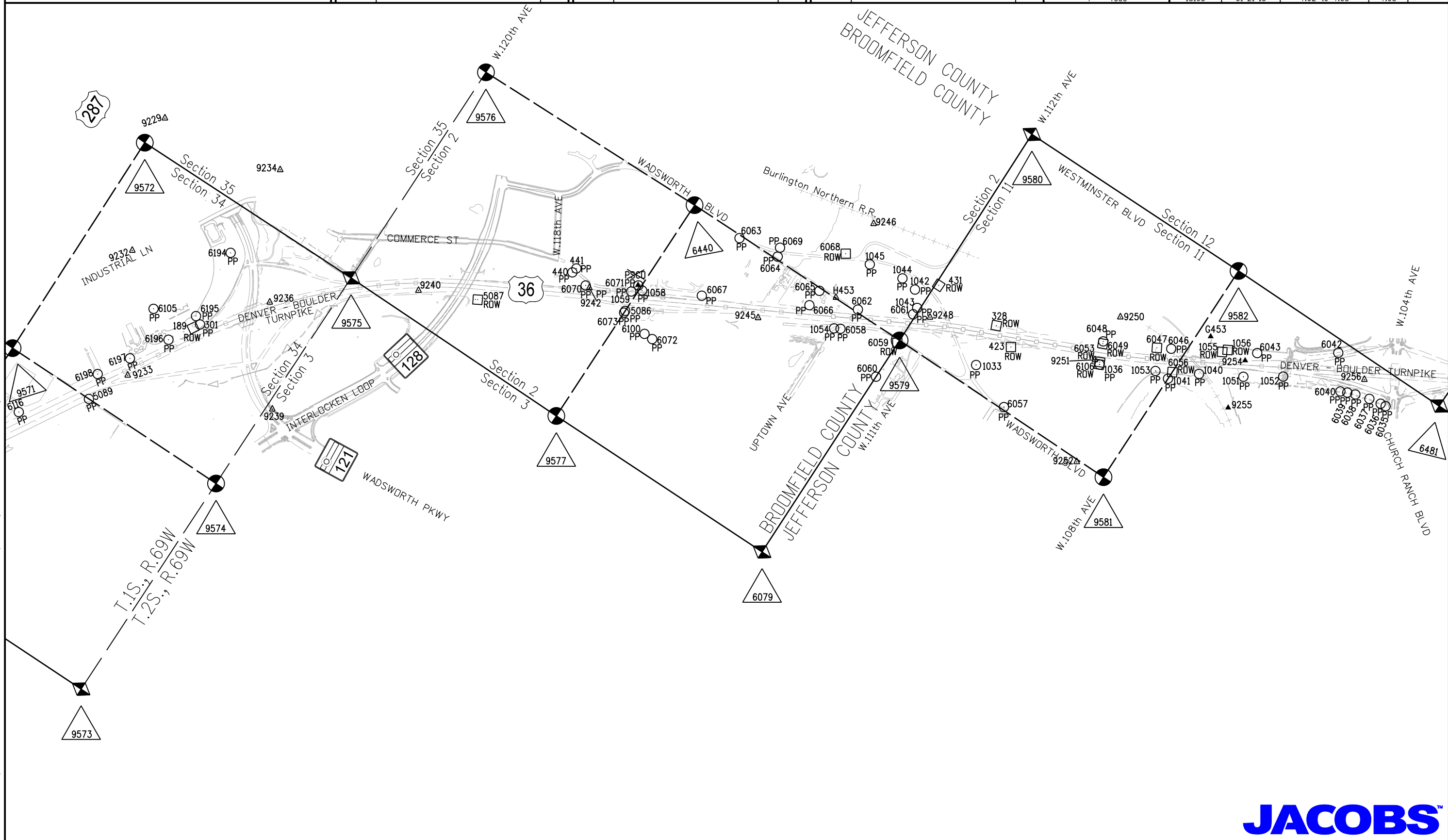
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Land Survey Control Diagram

Plan Sheet

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs.2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
18195	01-21-13	4.02 to 4.03	4.03



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Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9923 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

Date	Description	Initials
01/21/13	add Note 1	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX

JACOBS[™]

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Land Survey Control Diagram

Plan Sheet

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs.2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
18195	01-21-13	4.04 to 4.05	4.04

CORS Stations - Existent Control Points used to constrain GPS Survey in CDOT Project No. NH0361-070 (Project Code 14133) See Note 1.

Geodetic Coordinates							Project Specific Coordinates						
Point	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (UTM 13N)	Easting (UTM 13N)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	2009 Adj. Elevation	Δ1	Description
DSRC	39°59'29.12990"N	105°15'39.67584"W	5437.57	-0°10'03.9"	14523717.987	1567308.282	DSRC	533164.239	568327.663	—	—		DSRC (BOULDER CORS L1 PC) NAD 83 (CORS) 2002 PID - AJ7970
TMGO	40°07'51.34512"N	105°13'57.71720"W	5492.46	-0°08'59.9"	14574495.759	1575373.634	TMGO	583975.037	576398.260	—	—		TMGO (TABLE MOUNTAIN CORS L1 PC) NAD 83 (CORS) 2002 PID - AB6369
PLTC	40°10'53.71230"N	104°43'33.33342"W	4933.77	0°10'36.6"	14592975.720	1716967.713	PLTC	602467.018	718084.433	—	—		PLSTC (PLATTEVILLE CORS L1 PC) NAD 83 (CORS) 2002 PID - AI7426
ZDV1	40°11'14.27224"N	105°07'37.96036"W	5061.54	-0°04'55.5"	14594962.745	1604888.568	ZDV1	604455.335	605932.391	—	—		ZDV1 (DENVER WAAS 1 CORS ARP) NAD 83 (CORS) 2002 PID - DF9219

Existent Control Points near project site used to constrain GPS Survey in CDOT Project No. NH0361-070 (Project Code 14133) See Note 1.

Geodetic Coordinates						Project Specific Coordinates							
Point	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (UTM 13N)	Easting (UTM 13N)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	2009 Adj. Elevation	Δ1	Description
22	39°51'22.17346"N	104°59'09.54063"W	5213.47	0°00'32.3"	14474356.222	1644350.222	22	483770.369	645419.711	5269.92		g	CDOT Type 2A (CDOT R6 Metro Network) "1.088002" (GRANT)
615	39°52'03.58583"N	105°05'13.56790"W	5369.29	-0°03'21.0"	14478556.587	1615976.589	615	487973.466	617027.623	5424.11		g	CDOT Type 2A (CDOT R6 Metro Network) "4.094080" (HOMESTEAD)
619	39°54'03.21941"N	105°05'44.08648"W	5489.84	-0°03'40.7"	14490659.729	1613610.856	619	500084.480	614660.352	5544.85		g	CDOT Type 2A (CDOT R6 Metro Network) "4.112088" (HARRISON)
1001	39°54'33.42522"N	104°59'21.64886"W	5358.11	0°00'24.6"	14493700.836	1643404.020	1001	503127.565	644472.893	5414.65		g	CDOT Type 2A (CDOT R6 Metro Network) "1.118004" (AMERICAN)
1208	39°48'44.92742"N	104°59'12.77395"W	5125.67	0°00'30.2"	14458451.185	1644100.502	1208	467854.987	645169.828	5181.94		g	CDOT Type 2A (CDOT R6 Metro Network) "4.064000" (AMERICAN)
ALLEN	39°51'40.26577"N	105°03'10.68547"W	5488.89	-0°02'02.2"	14476190.311	1625552.882	ALLEN	485605.651	626610.145	5544.17	5544.25	B	NGS standard disk in concrete "ALLEN 1977" PID - KK1753
ARGO	39°47'04.34115"N	104°58'53.46470"W	5090.18	0°00'42.6"	14448277.492	1645608.807	ARGO	457674.677	646679.115	5146.34	5146.37	B	NGS deep rod in logo box "ARGO 1995" PID - AE5245
BM 37	39°47'08.43244"N	105°02'39.10579"W	5339.96	-0°01'41.8"	14448693.840	1628000.911	BM 37	458091.296	629059.766	5395.21		g	NGS disk in concrete "5392.97 BM NO 37 DENVER 1936" PID - AE5248
ENERGY	39°54'35.73345"N	105°10'01.20195"W	5802.88	-0°06'25.7"	14493977.919	1593586.602	ENERGY	503404.828	594623.074	5856.42		g	NGS standard disk in concrete "ENERGY 1977" PID - KK1797
JEFFCO RESET	39°54'43.05405"N	105°05'50.35674"W	5503.06	-0°03'44.8"	14494689.471	1613126.767	JEFFCO RESET	504116.842	614175.948	5557.78		*	NGS standard disk in concrete "JEFFCO 1977 1980" Project Code 15782 benched elevation = 5557.94' (from B413) PID - KK1432
OVERLOOK	39°58'01.27002"N	105°11'18.68937"W	5626.13	-0°07'16.0"	14514779.78	1587594.702	VERLOOI	524220.218	588627.277	5679.38	5679.339	B	standard disk in concrete "OVERLOOK 1985" PID - KK2060

Only the Vertical Component of the following points was held fixed when constraining the Fast Static GPS Survey

PSCO	39°54'25.57148"N	105°05'05.32147"W	5356.04	-0°03'15.9"	14492917.56	1616632.964	psco-	502343.776	617684.426	5411.38		✗	Recovered 4" Brass Cap PSCO "NO. 120 W.C"
F453	39°53'00.23344"N	105°04'02.71738"W	5249.66	-0°02'35.6"	14484281.6	1621503.136	F453	493702.206	622557.765	5305.06		✗	NGS standard disk in concrete "F 453 2003"
G453	39°53'31.85036"N	105°04'27.86257"W	5295.56	-0°02'51.8"	14487481.15	1619546.384	G453	496903.836	620599.740	5350.90		B	NGS 5/8" stainless steel rod in logo box "G 453 2003"
H453	39°54'07.31075"N	105°04'51.77867"W	5325.48	-0°03'07.2"	14491069.53	1617686.235	H453	500494.550	618738.381	5380.79		B	NGS 5/8" stainless steel rod in "SURVEY" box "H 453 2003"
J453	39°55'18.67263"N	105°06'11.12235"W	5381.88	-0°03'58.2"	14498294.06	1611513.456	J453	507723.775	612561.588	5436.96		B	NGS standard disk in concrete "J 453 2003"
K453	39°55'41.59349"N	105°06'49.49113"W	5310.07	-0°04'22.8"	14500616.11	1608528.228	K453	510047.332	609574.418	5365.00		B	NGS 5/8" stainless steel rod in logo box "K 453 2003"
L453	39°56'03.55785"N	105°07'20.86619"W	5309.51	-0°04'43.0"	14502841.01	1606087.995	L453	512273.684	607132.598	5364.26		✗	NGS 5/8" stainless steel rod in logo box "L 453 2003"
M453	39°56'06.93204"N	105°07'38.41115"W	5334.75	-0°04'54.3"	14503184.22	1604722.318	M453	512617.115	605766.033	5389.39		B	NGS standard disk in concrete "M 453 2003"
N453	39°56'33.93841"N	105°08'30.03135"W	5389.34	-0°05'27.5"	14505921.945	1600707.228	N453	515356.623	601748.331	5443.69		B	NGS 5/8" stainless steel rod in logo box "N 453 2003"
P453	39°57'05.60425"N	105°09'17.63543"W	5454.78	-0°05'58.1"	14509131.080	1597006.482	P453	518567.844	598045.178	5508.87		B	NGS 5/8" stainless steel rod in logo box "P 453 2003"
Q453	39°57'43.73902"N	105°10'33.64376"W	5498.51	-0°06'47.0"	14512999.363	1591097.077	Q453	522438.643	592131.930	5552.12		B	NGS 5/8" stainless steel rod in logo box "Q 453 2003"

Existent GPS Control points from CDOT Project No. NH0361-070 (Project Code 14133) (Elevations GPS derived, Geoid 1999) * Control Points were not field verified by Jacobs Engineering See Note 1.

Geodetic Coordinates							Project Specific Coordinates						
Point	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (UTM 13N)	Easting (UTM 13N)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88		Δ1	Description
9187	39°57'41.65121"N	105°10'33.20136"W	5495.10	-0°06'46.7"	14512788.114	1591131.094	9187	522227.257	592165.969	5548.71		g	CDOT Type II monument "9187"
9189	39°57'34.95089"N	105°10'11.02430"W	5457.74	-0°06'32.4"	14512107.036	1592855.969	9189	521545.736	593891.966	5511.50		g	CDOT Type II monument "9189"
9195	39°57'25.33924"N	105°09'50.93712"W	5426.40	-0°06'19.5"	14511131.896	1594417.720	9195	520569.962	595454.733	5480.28		g	CDOT Type II monument "9195"
9198	39°57'15.54654"N	105°09'30.53617"W	5402.06	-0°06'06.4"	14510138.499	1596003.986	9198	519575.919	597042.030	5456.07		g	CDOT Type II monument "9198"
9200	39°57'00.94326"N	105°09'15.32923"W	5483.42	-0°05'56.6"	14508659.312	1597185.197	9200	518095.770	598224.010	5537.52		g	CDOT Type II monument "9200"
9207	39°56'40.28123"N	105°08'40.55630"W	5407.02	-0°05'34.2"	14506564.831	1599888.827	9207	515999.926	600929.398	5461.32		g	CDOT Type II monument "9207"
9204	39°56'49.59751"N	105°08'58.35586"W	5426.01	-0°05'45.7"	14507509.449	1598504.624	9204	516945.159	599544.294	5479.99		g	CDOT Type II monument "9204"
9210	39°56'28.22073"N	105°08'25.18732"W	5364.36	-0°05'24.3"	14505343.011	1601083.459	9210	514777.312	602124.807	5418.73		g	CDOT Type II monument "9210"
9213	39°56'18.35963"N	105°08'03.57281"W	5307.32	-0°05'10.4"	14504342.979	1602764.835	9213	513776.63	603807.277	5361.81		g	CDOT Type II monument "9213"
9215	39°56'10.95163"N	105°07'26.59824"W	5294.16	-0°04'46.7"	14503589.500	1605642.700	9215	513022.661	606687.013	5348.89		g	CDOT Type II monument "9215"
9216	39°56'08.01307"N	105°07'45.29729"W	5307.56	-0°04'58.7"	14503294.333	1604186.285	9216	512727.302	605229.651	5362.16		g	CDOT Type II monument "9216"
9217	39°55'59.57919"N	105°07'13.81516"W	5314.06	-0°04'38.5"	14502437.826	1606636.490	9217	511870.237	607681.450	5368.85		g	CDOT Type II monument "9217 2003"
9218	39°55'59.99081"N	105°07'23.62232"W	5324.58	-0°04'44.8"	14502480.503	1605872.887	9218	511912.942	606917.350	5379.31		g	CDOT Type II monument "9218 2003"
9220	39°55'48.14385"N	105°07'06.51071"W	5353.63	-0°04'33.8"	14501280.392	1607203.736	9220	510712.05	608249.064	5408.45		g	CDOT Type II monument "9220"
9221	39°55'47.59400"N	105°06'56.30427"W	5316.86	-0°04'27.2"	14501223.732	1607998.452	9221	510655.354	609044.298	5371.75		g	CDOT Type II monument "9221"
9223	39°55'37.66172"N	105°06'50.66137"W	5313.13	-0°04'23.6"	14500218.528	1608436.589	9223	509649.496	609482.720	5368.04		g	CDOT Type II monument "9223"
9224	39°55'36.15026"N	105°06'36.51325"W	5327.97	-0°04'14.5"	14500064.261	1609538.180	9224	509495.129	610585.027	5382.95		g	CDOT Type II monument "9224"
9226	39°55'24.26864"N	105°06'20.93273"W	5355.41	-0°04'04.5"	14498860.983	1610750.089	9226	508291.068	611797.724	5410.45		g	CDOT Type II monument "9226"
9227	39°55'23.96259"N	105°06'34.16000"W	5336.07	-0°04'13.0"	14498831.268	1609719.928	9227	508261.334	610766.893	5391.03		g	CDOT Type II monument "9227"
9228	39°55'21.97049"N	105°05'58.73521"W	5374.88	-0°03'50.2"	14498626.538	1612478.546	9228	508056.471	613527.305	5430.00		g	CDOT Type II monument "9228"
9229	39°55'17.20474"N	105°05'21.99738"W	5350.91	-0°03'26.6"	14498141.458	1615339.187	9229	507571.075	616389.807	5406.16		g	Recovered PK nail W/Tag "LS 28656"
9230	39°55'15.19508"N	105°06'11.73778"W	5390.15	-0°03'58.6"	14497942.364	1611465.120	9230	507371.851	612513.220	5445.20		g	CDOT Type II monument "9230"
9232	39°55'12.37720"N	105°05'39.68147"W	5362.94	-0°03'38.0"	14497654.576	1613961.417	9232	507083.876	615011.141	5418.09		g	CDOT Type II monument "9232"
9233	39°55'05.49337"N	105°05'54.39119"W	5395.24	-0°03'47.4"	14496959.522	1612815.019	9233	506388.37	613863.997	5450.31		g	CDOT Type II monument "9233"
9234	39°55'03.97962"N	105°05'19.20471"W	5350.73	-0°03'24.8"	14496803.537	1615555.355	9234	506232.284	616606.115	5405.95		g	CDOT Type II monument "9234"
9236	39°54'57.17776"N	105°05'35.21812"W	5406.64	-0°03'35.1"	14496116.808	1614307.430	9236	505545.108	615357.379	5461.76		g	CDOT Type II monument "9236"
9239	39°54'50.71101"N	105°05'47.32997"W	5480.98	-0°03'42.9"	14495463.706	1613363.364	9239	504891.582	614412.699	5535.99		g	No.5 Rebar
9240	39°54'44.69298"N	105°05'22.60195"W	5412.55	-0°03'27.0"	14494852.983	1615288.803	9240	504280.461	616339.390	5467.70		g	CDOT Type II monument "9240"

Colorado Department of Transportation



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Region 6

SLK

Sheet Revisions

Date	Description	Initials
01/21/13	add 6440,6481,note 1 del 9578,9583	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX



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Land Survey Control Diagram

Plan Sheet

Project Number: FBR 0361-101				
Project Location: Old Wadsworth (112th Ave) over US36				
Secs.2 & 11 T2S,R69W/6th PM				
Project Code:	Last Mod. Date	Subset	Sheet No.	
18195	01-21-13	4.04 to 4.05	4.05	

FOUND BOUNDARY MONUMENT COORDINATE TABLE

Point No.	Northing(ft) (Project)	Easting(ft) (Project)	Description
1033	498839.955	618960.561	5/8" Rebar w/ Illegible Yellow Cap
1036	497737.239	619692.798	1/2" Rebar w/ no cap
1040	496787.443	620195.579	5/8" Rebar w/ Plastic Cap PLS 33204
1041	497038.147	619969.137	5/8" Rebar w/ Plastic Cap PLS 24968
1042	499833.010	619276.745	1/2" Rebar w/ no cap
1043	499705.173	619124.860	1/2" Rebar w/ no cap
1044	500011.139	619302.827	1/2" Rebar w/ no cap
1045	500386.924	619236.068	5/8" Rebar w/ 1 1/2" Alum Cap PLS 27936
~1051	496372.966	620431.171	1/2" Rebar w/ no cap
1052	496016.770	620667.496	1" Brass Disk
1053	497195.867	619964.426	1/2" Rebar w/ no cap
1054	500330.205	618451.353	2" Disk PLS 23899
1058	502275.311	617659.300	5/8" Rebar w/ 1/2" Illegible Plastic Cap
1059	502366.205	617586.263	5/8" Rebar w/ 1/2" Illegible Plastic Cap
5086	502306.343	617376.673	5/8" Rebar w/ 1 1/2" Alum Cap PLS 13155
5089	506597.741	613423.911	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23047
5099	507582.651	611578.738	5/8" Rebar w/ no cap
5100	508132.688	610791.313	5/8" Rebar w/ Plastic Cap PLS 23899
5101	508032.635	610934.240	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23047
~6035	494923.894	621005.562	5/8" Rebar w/ Orange Plastic Cap PLS 37064
~6036	494983.192	620998.748	1" Hole in Concrete
~6037	495112.565	620975.931	5/8" Rebar w/ Orange Plastic Cap PLS 37064
6038	495264.173	620932.842	5/8" Rebar w/ Yellow Plastic Cap PLS 36580
6039	495347.925	620901.880	5/8" Rebar w/ Yellow Plastic Cap PLS 36580
6040	495416.513	620871.459	5/8" Rebar w/ Yellow Plastic Cap PLS 36580
~6042	495662.930	621205.402	3 1/4" Alum CDOH Cap PLS 23899
~6043	496388.625	620724.955	5/8" Rebar w/ Yellow Plastic Cap PLS 9010
6046	497185.688	620256.829	1/2" Illegible Plastic Cap
6048	497838.697	619921.923	1/2" Rebar w/ no cap
6057	498341.902	618747.303	1/2" Rebar w/ no cap
6058	500270.300	618485.585	1/2" Rebar w/ no cap
6060	499668.829	618264.866	1/2" Rebar w/ no cap
6061	499704.463	619044.354	1/2" Rebar w/ no cap
6062	500226.881	618760.887	1/2" Rebar w/ no cap
~6063	501710.165	618703.113	5/8" Rebar w/ Red Plastic Cap PLS 10717
~6064	501259.012	618762.565	5/8" Rebar w/ Illegible Cap
~6065	500682.839	618701.514	5/8" Rebar w/ Plastic Cap 10717
~6066	500687.693	618513.784	5/8" Rebar w/ Plastic Cap 10717
~6067	501709.208	617964.618	5/8" Rebar w/ Plastic Cap 10717
~6069	501290.348	618856.161	1/2" Rebar w/ no cap
6070	502810.928	617371.452	5/8" Rebar w/ Alum Cap PLS 13155
6071	502338.341	617682.880	5/8" Rebar w/ Alum Cap PLS 13155
~6072	501897.828	617283.047	5/8" Rebar w/ Alum Cap PLS 13155
~6073	502306.367	617354.101	5/8" Rebar w/ Alum Cap PLS 13155
~6100	501997.843	617284.170	1" Brass Tag
~6105	506549.502	614613.518	5/8" Rebar w/ 1 1/2" Alum Cap PLS 25846
~6107	507973.851	612044.917	5/8" Rebar w/ no cap
~6108	507969.883	612003.792	5/8" Rebar w/ no cap
~6109	507959.731	611976.516	5/8" Rebar w/ Illegible Yellow Plastic Cap
~6110	507919.093	611922.270	5/8" Rebar w/ Yellow Plastic Cap PLS 7124
6113	507627.690	612106.434	5/8" Rebar w/ Illegible Yellow Plastic Cap
~6114	507610.109	612324.819	3/8" Rebar w/ no cap
~6115	507520.909	612270.044	1/2" Rebar w/ no cap
~6116	507149.248	612892.415	5/8" Rebar w/ no cap
~6117	507162.698	612045.614	5/8" Rebar w/ 1 1/2" Alum Cap PLS 37066
6118	507354.285	612160.449	5/8" Rebar w/ 1 1/2" Alum Cap PLS 14070
~6119	507316.506	611590.819	5/8" Rebar w/ 1 1/2" Alum Cap PLS 14070
~6124	509177.471	610129.577	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6125	509407.526	610365.754	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6126	509614.103	610133.324	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6127	509938.049	609829.996	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6128	509780.560	609662.440	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6129	509303.091	609927.381	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
6131	513567.067	603495.381	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6133	512148.911	605474.159	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
~6134	512135.421	605530.144	5/8" Rebar w/ 1 1/2" Alum Cap PLS 23529
6135	513184.566	604836.705	5/8" Rebar w/ 2 1/2" Alum Cap PLS 28657
~6140	513270.748	604887.355	5/8" Rebar w/ 2" ALUM. Cap PLS28657
~6141	513194.755	605016.641	5/8" Rebar w/ 2" Alum. Cap PLS28657
6190	508440.635	610792.045	1" Iron Pipe
6191	508501.099	610792.457	5/8" Rebar w/ 1 1/2" Illegible Aluminum Cap
6193	511788.775	607211.612	5/8" Rebar w 1 1/4" Yellow Cap "FARNSWORTH"
6194	506188.260	615570.208	5/8" Rebar w/ 2 1/2" Alum Cap Stamped (2149)
6195	506125.793	614798.823	5/8" Rebar w/ Orange Plastic Cap PLS 30098
~6196	506233.189	614424.279	5/8" Rebar w/ no cap
~6197	506468.904	614029.759	5/8" Rebar w/ 2 1/2" Alum Cap Stamped (2149)
6198	506665.966	613699.076	5/8" Rebar w/ Yellow Cap PLS 9010
6205	510616.081	608226.929	5/8" Rebar w/ 1 1/2" Aluminum Cap "FLATIRON SURV."
6206	511529.762	607059.61	5/8" Rebar w/ 1 1/4" Yellow Plastic Cap PLS 24670

FOUND R.O.W. MONUMENT BY JACOBS COORDINATE TABLE

Point No.	Northing(ft) (Project)	Easting(ft) (Project)	Description
~1055	496709.768	620527.295	3 1/4" Alum Cap PLS 23899
~1056	496670.838	620580.639	3 1/4" Alum Cap PLS 23899
~5087	503696.296	616607.070	3 1/4" Alum Cap PLS 34597
6047	497319.497	620180.574	3" Brass CDOH Cap in concrete
~6049	497828.622	619899.076	Concrete pillar w/ rebar hook and no cap
~6053	497748.348	619715.257	3" Brass CDOH Cap in concrete
~6056	497038.050	620054.166	3 1/4" CDOH Alum Cap PLS 23899
~6059	499669.895	618700.985	3 1/4" CDOH Alum Cap PLS 30826
~6068	500665.467	619189.709	3" CDOH Brass Cap
6106	497738.313	619692.267	3 1/4" Alum Cap PLS 23899
~6132	512933.428	604670.407	3 1/4" CDOH Alum Cap PLS 29420
~6142	513149.944	604994.512	3 1/4" Alum. Cap PLS 29420
~6192	509046.604	610177.089	3" Brass Cap in Concrete

R.O.W. MONUMENT PROVIDED BY CDOT COORDINATE TABLE

Point No.	Northing(ft)	Easting(ft)	Description
~189	506082.4023	614676.3591	350 FWORTH SHD BC
~328	498891.016	619433.152	3.5BC SHD ROW
~423	498633.536	619326.896	3.5BC SHD ROW
~431	499645.475	619455.026	3 BC SHD ROW MARKER
~442	503671.542	617540.848	1.5 AC16406 FLATIRON

FOUND BOUNDARY MONUMENTS PROVIDED BY CDOT COORDINATE TABLE

Point No.	Northing(ft)	Easting(ft)	Description
~301	506039.85	614747.332	5/8" Rebar w/ Illegible Yellow Cap
~440	503007.451	617410.364	5/8" Rebar w/ 1 1/2" Alum. Cap PLS 13155
~441	502994.832	617468.927	1 SQ BOLT

Additional Aliquot Monuments Recovered By Jacobs Engineering

Point No.	Northing(ft) (Project)	Easting(ft) (Project)	Description
6440	502308.073	618734.258	3 1/4" Aluminum Cap in Range Box "T2S R69W C 1/4 S2 2011 PLS 38104" (C 1/4 Sec. 2)
6079	499657.643	616022.070	2 1/2" Aluminum Cap "T2S R69W 6TH P.M. 3 2 10 11 FRANK DREXEL 2149" (NW Sec. 11)
6574	502254.439	634490.725	2 3/8" Pipe with 3 1/4" Aluminum Cap in Range Box "T2S R68W C 1/4 S 5 1994 PLS 23904"
10000	504899.869	634487.147	Calculated Position based on Ties, apparent 3 1/4" illegible Aluminum Cap in Range Box (N 1/4 Sec. 5 T2S R68W)
10001	504912.612	631843.576	Calculated Position based on Ties, apparent 3 1/4" illegible Aluminum Cap in Range Box (NW Sec. 5 T2S R68W)
10002	502253.363	631850.145	2 1/2" Aluminum Cap "1/4 SEC 5 - 6 LS 10717" (W1/4 Sec. 5 T2S R68W)

Set Aliquot Monuments By Jacobs Engineering

Point No.	Northing(ft) (Project)	Easting(ft) (Project)	Description
6481	494444.808	621323.171	Set 3/4" x 30" Rebar with 3 1/4" Aluminum Cap in range box "JACOBS T2S R69W S11 S12 S14 S13 2012 PLS 24961" (SE Sec. 11)

Aliquot Points - locations determined by Fast Static GPS survey in CDOT Project No. NH0361-070 (Project Code 14133) (Elevations GPS derived, Geoid 1999)

Geodetic Coordinates							Project Specific Coordinates					
Point	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (UTM 13N)	Easting (UTM 13N)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Δ1	Description
9561	39°56'35.81997"N	105°07'41.23039"W	5320.26	-0°04'56.1"	14506106.520	1604506.992	9561	515541.318	605550.566	5374.70	g	3 1/4" Alum. Cap "MERRICK & CO. T1S R69W S20 S21 S29 S28 2009 PLS 33200" (NW Sec. 28)
9563	39°56'09.93951"N	105°08'15.41590"W	5340.59	-0°05'18.0"	14503492.697	1601841.399	9563	512925.795	602883.239	5394.78	g	2 1/2" Aluminum Cap "D.B.&CO T1S R69W C 1/4 S29 2000 PLS 23529" (C1/4 Sec.29)
9564	39°56'09.76050"N	105°07'41.37824"W	5314.28	-0°04'56.2"	14503470.645	1604491.696	9564	512903.728	605535.261	5368.67	g	2 1/2" Aluminum Cap "D.B.&CO T1S R69W 1/4 S29 S28 1998 PLS 27936" (W 1/4 Sec. 28)
9565	39°56'09.90904"N	105°07'07.51017"W	5292.07	-0°04'34.4"	14503482.022	1607128.836	9565	512915.112	608174.116	5346.69	g	3" illegible Aluminum Cap in Range box (C 1/4 Sec. 28)
9566	39°55'43.72357"N	105°07'41.56006"W	5341.55	-0°04'56.2"	14500837.056	1604473.755	9566	510268.426	605517.308	5395.92	g	2 1/2" Aluminum Cap in Range box "D.B.&CO T1S R69W S29 S28 S32 S33 2000 PLS 23529" (SE Sec. 29)
9567	39°55'43.49478"N	105°07'07.60498"W	5360.35	-0°04'34.5"	14500810.256	1607117.898	9567	510241.609	608163.171	5414.94	g	2 1/2" illegible Aluminum Cap (S 1/4 Sec. 28)
9568	39°55'42.80601"N	105°06'33.75756"W	5399.29	-0°04'12.7"	14500737.220	1609753.605	9568	510168.525	610800.592	5454.11	g	2 1/2" Aluminum Cap in concrete "T1S 28 27 33 34 F69W" (SE Sec. 28)
9570	39°55'17.25518"N	105°06'33.87849"W	5368.97	-0°04'12.8"	14498152.794	1609741.020	9570	507582.419	610787.999	5423.76	g	3 1/4" Aluminum Cap "T1S R69W 1/4 S33 S34 1989 LS 23047" (W 1/4 Sec. 34)
9571	39°55'17.28202"N	105°05'59.98542"W	5385.10	-0°03'51.0"	14498152.414	1612380.649	9571	507582.038	613429.345	5440.08	g	2 1/2" Aluminum Cap "COUNTY OF BOULDER NW4 NE4 SW4 SE4 SEC 34" (C 1/4 Sec. 34)
9572	39°55'17.56279"N	105°05'26.33204"W	5357.37	-0°03'29.4"	14498178.015	1615001.637	9572	507607.656	616052.037	5412.51	g	2 1/4" illegible Aluminum Cap in Range box (E 1/4 Sec. 34)
9573	39°54'51.31269"N	105°06'33.99315"W	5537.49	-0°04'12.8"	14495528.756	1609728.874	9573	504956.674	610775.845	5592.18	g	2 1/2" Aluminum Cap in Range box "T1S R69W 33 34 3 4 T2S" (SW Sec. 34)
9574	39°54'51.36182"N	105°06'00.12742"W	5500.73	-0°03'51.1"	14495530.631	1612366.653	9574	504958.550	613415.339	5555.57	g	3 1/4" CDOT Aluminum Cap "T1S R69W 1/4 S34/S3 T2S R69W 2007 LS 17669" (S 1/4 Sec. 34)
9575	39°54'51.40402"N	105°05'26.24864"W	5397.64	-0°03'29.3"	14495532.083	1615005.446	9575	504960.003	616055.849	5452.69	g	2" Aluminum Cap "T1S 34 35 3 2 T2S R69W" (NE Sec. 3)
9576	39°54'51.45351"N	105°05'42.38406"W	5346.00	-0°03'07.6"	14495534.551	1617643.134	9576	504962.472	618695.252	5401.28	g	3 1/4" Aluminum Cap in Range box "RW BAYER ASSOC 1/4 R68W S35 S2 T2S R69W 1994 PLS 6973" (N 1/4 Sec. 2)
9577	39°54'25.17024"N	105°05'26.56939"W	5381.66	-0°03'29.5"	14492878.599	1614977.768	9577	502304.793	616028.153	5436.68	g	3 1/4" Aluminum Cap "T2S R69W 1/4 S3 S2 2010 LS 13155" (W 1/4 Sec. 2)
9579	39°53'59.17205"N	105°04'51.87878"W	5344.27	-0°03'07.2"	14490246.323	1617677.689	9579	499670.805	618729.830	5399.55	g	3 1/4" Aluminum Cap in Range Box "T2S R69W 1/4 S2/S11 1994 PLS 23904" (S1/4 Sec. 2)
9580	39°53'59.47534"N	105°04'18.16252"W	5295.41	-0°02'45.4"	14490274.754	1620304.397	9580	499699.254	621358.246	5350.88	g	3 1/4" Aluminum Cap in Range Box "T2S R69W S2 S1 S11 S12 1994 PLS 23904" (NE Sec. 11)
9581	39°53'33.13935"N	105°04'52.16020"W	5293.27	-0°03'07.4"	14487613.180	1617653.372	9581	497035.949	618705.497	5348.52	g	2 3/8" Aluminum Pipe with 3 1/4" illegible Aluminum Cap in Range Box (C 1/4 Sec. 11)
9582	39°53'33.20529"N	105°04'18.22145"W	5284.61	-0°02'45.6"	14487617.587	1620297.673	9582	497040.359	621351.517	5339.97	g	3 1/4" CDOH Aluminum Cap "T2S R69W S11/S12 1/4 1989 PLS 23899" (E1/4 Sec. 11)

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9923 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

Date	Description	Initials
11/16/11	Add points 2108, 2109, 2110, 2111	MMM
	3003, 3012, 3013	
03/09/12	rev 2108, 2109, 2047, 2051-2053, 2056	MMM
	rev 2060, 2064, 4076, add 3251-3260, 4075	
06/26/12	del 2060-2062	MMM
08/27/12	rev 3258,2063,2064,2103,3007,3011,3014	
	3018-3021, 3057,del 2051,2059,3257	MMM

Sheet Revisions

Date	Description	Initials
01/21/13	rev 3228 add 3224,3229-3232,4403-4405	MMM
03/15/13	rev 3007,3009, del 3008	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX

JACOBS™

**707 17th Street, Suite 2300
Denver, Colorado 80202
Phone: 303-820-5240
Fax: 303-820-5298**

Right of Way Plans

Monumentation Sheet

Project Number: FBR 0361-101				
Project Location: Old Wadsworth (112th Ave) over US36				
Secs.2 & 11 T2S,R69W/6th PM				
Project Code:	Last Mod. Date	Subset	Sheet No.	
18195	03-15-13	5.01 of 5.01	5.01	



XXX

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

Point No.	Northing(ft)	Easting(ft)	Description
2047	499705.149	619124.832	100A
2050	500386.946	618761.032	100C
2053	499942.107	619292.719	100REV3
2054	500285.592	618795.862	100C
2055	500236.988	618795.781	100C
2056	499704.685	619081.887	100C
2057	500100.102	619159.685	100REV3
2063	500496.743	618761.217	100REV3
2064	500252.620	619259.927	100REV3
2066	499670.612	618690.290	101
2067	499822.226	618586.801	101
2070	499889.881	618627.589	101
2071	499827.989	618700.619	101
2073	499670.560	618679.609	104
2078	499982.273	618321.331	101A
2082	500049.929	618362.119	101A
2086	500270.505	618486.634	105A
2087	500098.707	618586.714	101F
2093	500269.306	618255.099	101B
2096	500236.226	618255.480	101B
2098	500268.896	618176.099	101C
2099	500235.316	618176.485	101C
2109	500270.132	618414.815	105A
3003	500381.590	618354.908	102
3012	500432.506	618327.369	102
3023	499631.080	618699.462	104
3228	499674.689	619088.641	55REVX
3251	500326.689	617858.704	105
3252	500267.255	617859.012	105
3260	499932.340	618667.857	101F



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R.O.W. POINTS FOR INFORMATIONAL PURPOSES ONLY

Point No.	Northing(ft)	Easting(ft)	Description
1074	500339.488	618700.953	AP-103
1079	500682.791	618701.529	AP-103
1080	500687.751	618513.765	AP-103
2045	499674.362	619058.450	101A
2049	500228.205	618760.766	100B Rev
2058	499704.257	619042.382	100A
2065	499670.683	618704.830	101
2080	500168.865	618234.338	101A
2094	500268.958	618187.971	101C
3013	500450.241	618373.582	102
3022	499670.659	618699.827	104
3024	500381.918	618410.535	102
3224	501314.221	618732.589	55REVX
3229	499682.478	619808.334	55REVX
3230	500462.112	619637.387	55REVX
3231	501276.246	618858.085	55REVX
3232	501663.047	618733.175	55REVX
3253	500271.567	618485.905	105A
3254	500283.435	618477.749	105A
3255	500329.781	618382.755	105A
3256	500330.168	618446.367	105A
3258	500496.885	618731.217	100B Rev
4075	500283.847	618730.859	100B Rev
4076	500330.348	618478.807	101F
4078	500330.110	618438.556	101E
4128	499862.718	618730.152	101F
4403	499677.755	619371.921	55RevXA
4404	499785.355	619440.199	55RevXA
4405	499680.569	619631.906	55RevXA



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TABULATION OF PERMANENT EASEMENT MONUMENTS TO BE STAKED

Point No.	Northing(ft)	Easting(ft)	Description
2069	499899.066	618612.355	PE-101
2077	499932.537	618667.761	PE-101B REV2
2074	499767.493	618630.866	PE-101A
2075	499820.619	618573.405	PE-101A
2076	499844.924	618522.730	PE-101A
2083	499990.084	618241.277	PE-101C
2084	500246.894	618363.512	PE-101B REV2
2085	500269.866	618363.419	PE-101B REV2
2088	499943.096	618641.902	PE-101B REV2
2089	499920.663	618626.848	PE-101B REV2
2090	500097.867	618366.920	PE-101B REV2
2091	500196.910	618320.107	PE-101B REV2
2092	500210.005	618355.273	PE-101B REV2
2097	500046.383	618188.658	PE-101C
2100	500190.566	618500.978	PE-101B REV2
2108	500196.803	618454.229	PE-101E
3000	500268.641	618126.648	PE-101D
3001	500084.243	618127.218	PE-101D
3002	500084.347	618161.026	PE-101D

TABULATION OF PERMANENT EASEMENT POINTS FOR INFORMATIONAL PURPOSES

Point No.	Northing(ft)	Easting(ft)	Description
2068	499852.896	618535.927	PE-101A
2079	500055.969	618238.719	PE-101C
2081	500185.563	618261.980	SE-101A
2095	500155.330	618188.322	PE-101C



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TABULATION OF SLOPE EASEMENT POINTS TO BE STAKED

Point No.	Northing(ft)	Easting(ft)	Description
2103	499946.217	618311.539	SE-101
3007	500560.040	618196.332	SE-102Rev2
3009	500564.834	618210.716	SE-102Rev2
3010	500530.094	618228.270	SE-102Rev2
3011	500407.243	618261.539	SE-102Rev2
3014	500379.335	617972.142	SE-102A
3018	500621.450	618086.871	SE-102A
3019	500618.744	618081.516	SE-102A
3020	500401.237	618161.434	SE-102A
3021	500388.555	618150.373	SE-102A
3057	500382.335	617972.124	SE-102A

TABULATION OF SLOPE EASEMENT POINTS FOR INFORMATIONAL PURPOSES ONLY

Point No.	Northing(ft)	Easting(ft)	Description
3004	500381.070	618266.860	SE-102Rev2
3005	500400.256	618246.876	SE-102Rev2
3006	500523.329	618214.882	SE-102Rev2
3015	500380.425	618156.878	SE-102A
3016	500401.605	618176.725	SE-102A
3017	500491.759	618152.406	SE-102A



XXX

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	29								1	
CONTROL										
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 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 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.
- Geodetic coordinates are NAD'83 (1992) based on a fast static GPS survey for the US-36 Environmental Impact Statement (EIS), CDOT Project Code 14133. Control Points from the US-36 EIS that are relevant to this project are shown herein. No new fast static control points were established.

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, _____, 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. _____

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
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Region 6

SLK

Sheet Revisions

Date	Description	Initials
11/16/11	rev PE-101B, SE-102 add 101D, 102	MMM
03/09/12	rev 100, PE-100, SE-100, PE-101, PE-101B Rev, add 100A, 100B, SE-100A, 101E, 101F, 105, 105A, PE-101E del 101D	MMM
06/26/12	rev 100Rev, add 100C, 100R, del PE-100Rev	MMM
08/27/12	rev 100Rev2, 100B, del SE-100Rev, SE-100A	MMM
01/21/13	add 55RevX	MMM

Sheet Revisions

Date	Description	Initials
03/15/13	rev SE-102Rev	MMM

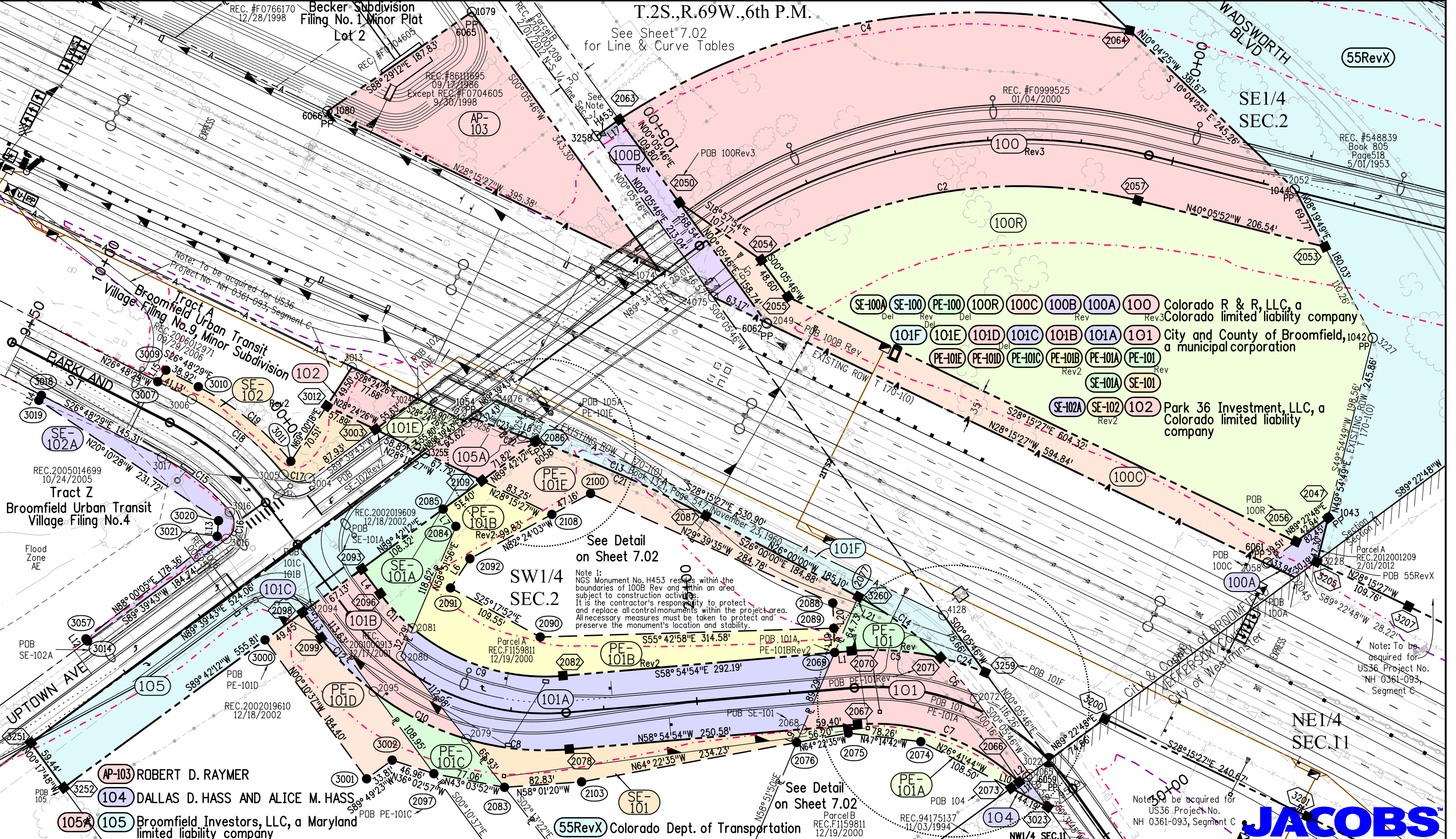
Sheet Revisions

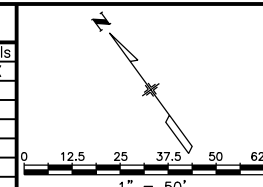
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs. 2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date:	Subset	Sheet No.
18195	03-15-13	7.01 of 7.04	7.01

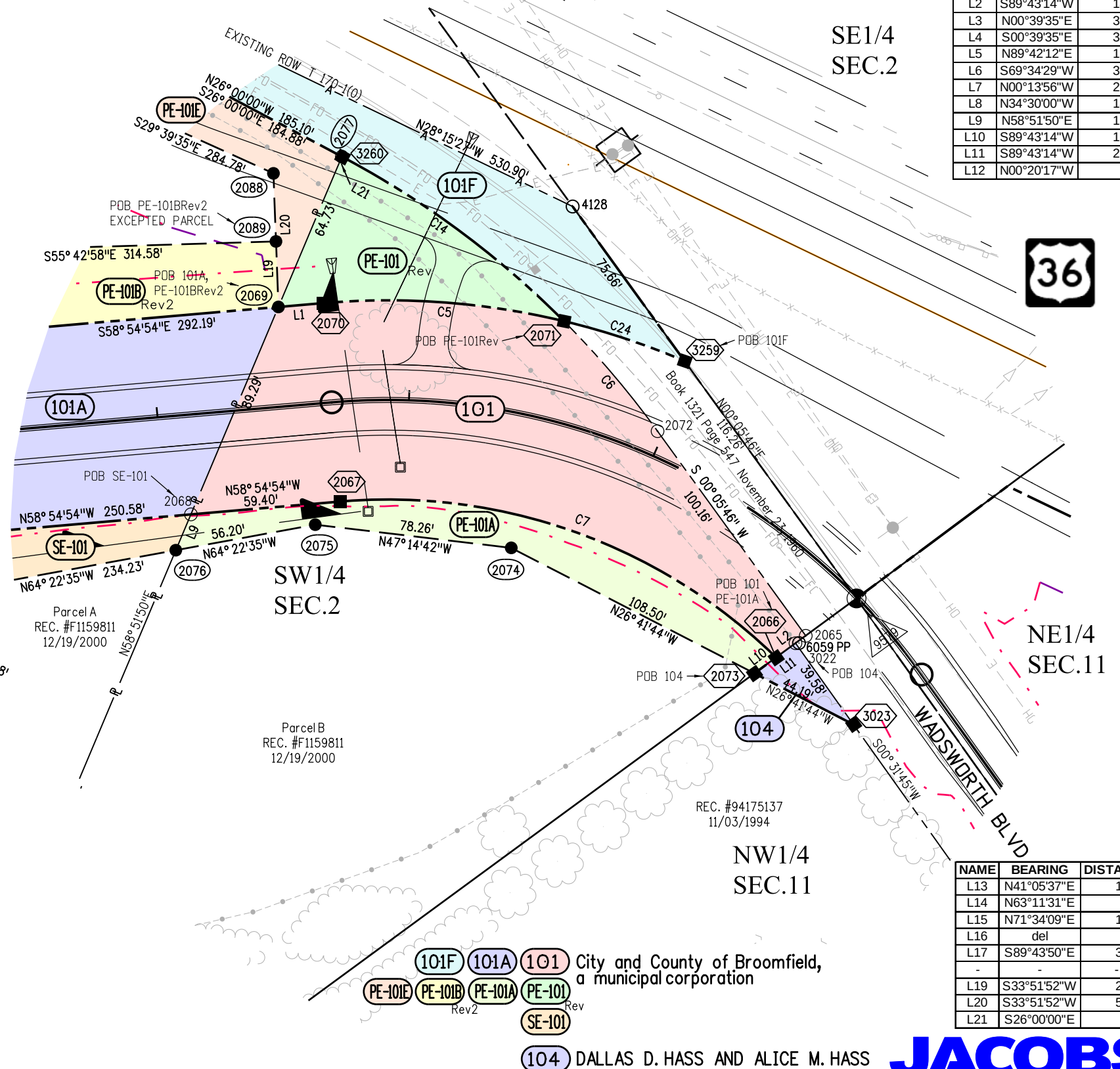


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Right of Way Plans			
Plan Sheet			
Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs. 2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
18105	03-16-13	7 of 7	7 of 7

NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C15	230.00'	23°25'26"	94.03'	93.38'	S15°05'46"E
C16	20.00'	93°02'43"	32.48'	29.03'	S43°08'19"W
C17	20.00'	88°00'08"	30.72'	27.79'	N46°20'13"W
C18	300.00'	24°28'20"	128.14'	127.16'	N14°34'19"W
C19	315.00'	23°18'39"	128.16'	127.28'	S15°09'09"E
C20		deleted			
C21	1350.10'	8°26'43"	199.00'	198.82'	S30°13'22"E
C22	1350.10'	0°03'17"	1.29'	1.29'	S34°28'21"E
C23	2609.77'	1°14'08"	56.28'	56.28'	N33°52'56"W
C24	299.50'	9°39'09"	50.46'	50.40'	N35°41'47"W

NAME	BEARING	DISTANCE
L1	S58°54'54"E	17.79'
L2	S89°43'14"W	14.54'
L3	N00°39'35"E	33.58'
L4	S00°39'35"E	33.08'
L5	N89°42'12"E	11.87'
L6	S69°34'29"W	37.52'
L7	N00°13'56"W	22.97'
L8	N34°30'00"W	14.40'
L9	N58°51'50"E	15.42'
L10	S89°43'14"W	10.68'
L11	S89°43'14"W	20.22'
L12	N00°20'17"W	3.00'



NAME	BEARING	DISTANCE
L13	N41°05'37"E	16.83'
L14	N63°11'31"E	6.00'
L15	N71°34'09"E	15.16'
L16	del	
L17	S89°43'50"E	30.00'
-	-	-
L19	S33°51'52"W	26.01'
L20	S33°51'52"W	53.03'
L21	S26°00'00"E	0.22'

JACOBS™

3/20/2013 2:56:12 PM malekja K:\QWV\XW7000-US36CDOT\18195\ROW_Survey\Drawings\18195ROW_Plan702.dgn

(101F) (101E) City and County of Broomfield,
 a municipal corporation
 (PE-101E) (PE-101B)
 Rev2
 (SE-102) (102) Park 36 Investment, LLC, a
 Rev2 Colorado limited liability company
 (105A) (105) Broomfield Investors, LLC, a Maryland
 limited liability company

Colorado Department of Transportation



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Region 6

SLK

Sheet Revisions

Date	Description	Initials
01/21/13	add 55RevX,55RevXA sheet 7.03,7.04	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



0 25 50 75 100 125
1" = 100'

Right of Way Plans

Plan Sheet

125

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs. 2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date:	Subset	Sheet No.
18195	02-21-13	7.03 of 7.04	7.03

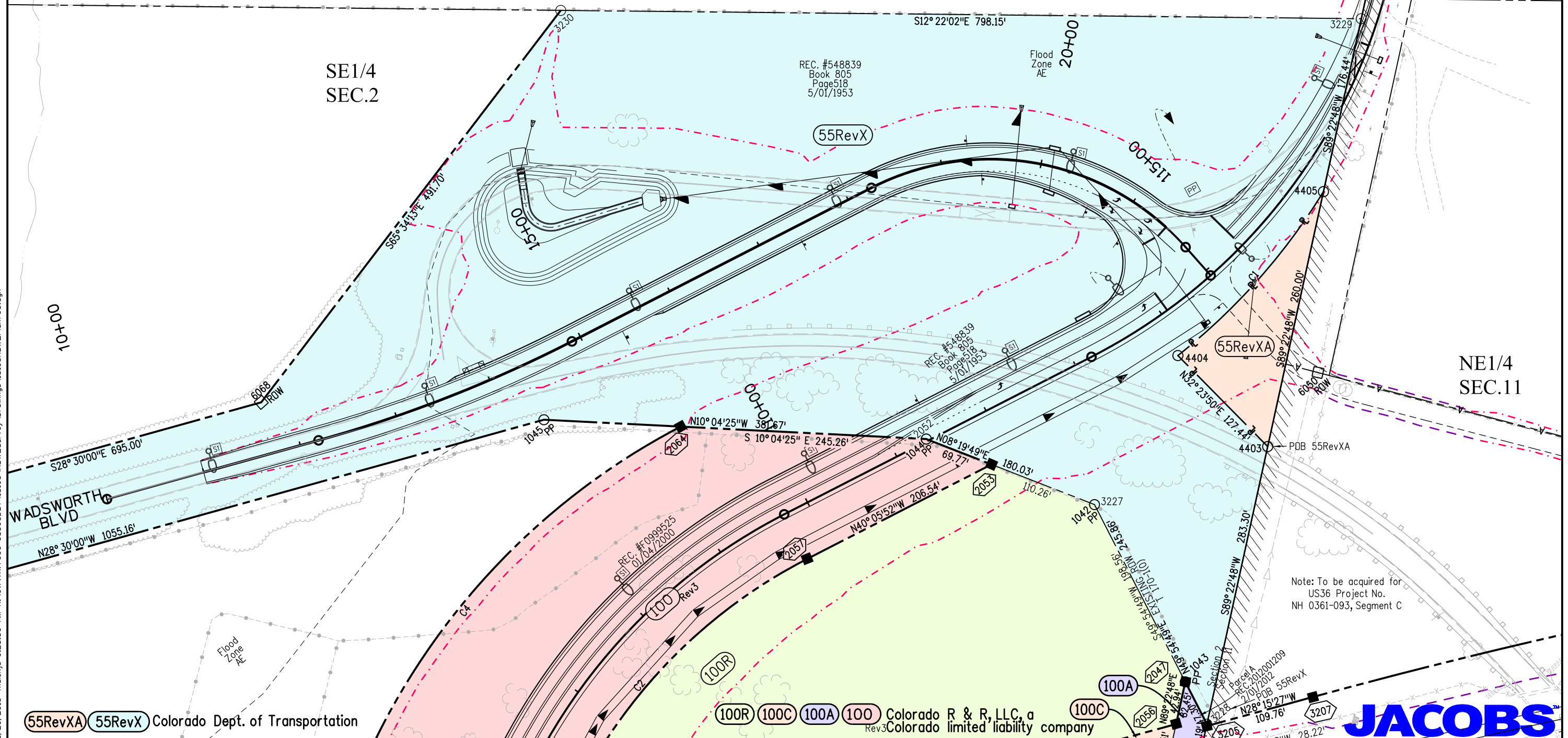
T.2S.,R.69W.,6th P.M.

NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	625.00'	20°07'54"	219.60'	218.48'	S61°20'21"E

BURLINGTON NORTHERN SANTA FE RAILROAD

SE1/4
SEC.2

NE1/4
SEC.11



2/20/2013 malek.ja 9:28:50 AM K:\0\W\X\W7000-US36\CDOT\18195\RDW_Survey\Drawings\18195RDW_Plan703.dgn



Sheet Revisions

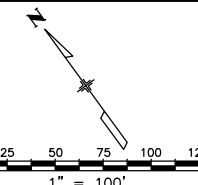
Date	Description	Initials
01/21/13	add 55RevX sheets 7.03-7.04	MMM

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: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs. 2 & 11 T2S,R69W/6th PM			
Project Code: 18195	Last Mod. Date: 02-21-13	Subset: 7.04 of 7.04	Sheet No.: 7.04

T.2S.,R.69W.,6th P.M.

SE1/4
SEC.2

SW1/4
SEC.2

Note: To be acquired for US36
Project No. NH 0361-093, Segment C

Lot 1

Becker Subdivision
Filing No. 1 Minor Plat

55RevX Colorado Dept. of Transportation

JACOBS

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
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Region 6

SLK

Sheet Revisions

Date	Description	Initials
11/16/11	rev PE-101B, SE-102 add 101D, 102	MMM
03/09/12	rev 100, PE-100, SE-100, PE-101, PE-101BRev, add 100A, 100B, SE-100A, 101E, 101F, 105, 105A, PE-101E del 101D	MMM
06/26/12	rev 100Rev, add 100C, 100R, del PE-100Rev	MMM
08/27/12	rev 100Rev2, 100B, del SE-100Rev, SE-100A	MMM
01/21/13	add 55RevX, 55RevXA	MMM

Sheet Revisions

Date	Description	Initials
03/15/13	rev SE-102Rev	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Ownership Sheet

Project Number: FBR 0361-101			
Project Location: Old Wadsworth (112th Ave) over US36			
Secs. 2 & 11 T2S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
18195	03-15-13	8.01 of 8.01	8.01

1" = 400'

T.2S., R.69W., 6th P.M.

SE 1/4
SEC.2

NW 1/4
SEC.2

NE 1/4
SEC.11

SW 1/4
SEC.2

NW 1/4
SEC.11

- SE-100A, SE-100, PE-100, 100R, 100C, 100B, 100A, 100 Colorado R & R, LLC, a Colorado limited liability company
- 101F, 101E, 101D, 101C, 101B, 101A, 101 City and County of Broomfield, a municipal corporation
- PE-101E, PE-101D, PE-101C, PE-101B, SE-101A, PE-101A, PE-101, SE-101
- SE-102A, SE-102, 102 Park 36 Investment, LLC, a Colorado limited liability company
- AP-103 ROBERT D. RAYMER
- 104 DALLAS D. HASS AND ALICE M. HASS
- 105A, 105 Broomfield Investors, LLC, a Maryland limited liability company
- 55RevXA, 55RevX Colorado Dept. of Transportation

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