

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
04/02/12	Renumbered all sheets	-	07/11/12	renumber 2.01-2.05, insert 2.01-2.02,	-	08/05/13	rev 2.06,2.07,5.01,5.02,7.02,7.03,7.08,8.01,8.03	MMM
-	Project Limits Extended	-	-	add 5.02, 7.07a, rev 2.05-2.06, 5.01,	-			
-	Parcel Rev Sheets 2.01,2.03,5.01,7.08,	-	-	rev 7.01-7.04, 7.06-7.09, 8.01-8.03	MMM			
-	7.09, & 8.03	MMM	08/13/12	revise 2.06,5.01,7.02,7.03,8.01,8.02	MMM			
06/11/12	Rev 2.03-2.04,5.01,7.03,7.08,7.09,	-	08/23/12	revise 2.01,5.01,7.06-7.09,8.02,8.03	MMM			
-	Rev 8.01-8.03, Add 2.05	MMM	12/20/12	revise 2.05,5.01,7.06,8.02	MMM			
			2/12/13	revise 4.01,4.02,4.04-4.06	MMM			

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: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code: 17516	Last Mod. Date: 08-05-13	Subset: 1.01 of 1.01	Sheet No.: 1.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED FEDERAL AID PROJECT NO. NH 0361-093, Segment D STATE HIGHWAY NO. 36 BOULDER COUNTY & CITY & COUNTY of BROOMFIELD

R.O.W. Length of Project = 3.54 Miles
Const. Length of Project = 9.30 Miles

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
2.01-2.07	(7) Tabulation of Properties
3.01-3.0X	(NA) Project Control Diagram
4.01-4.06	(6) Land Survey Control Diagram
5.01-5.02	(2) Monumentation Sheets
6.01-6.0X	(NA) Tabulation of Road Approach Sheets
7.01-7.15,7.07a	(16) Plan Sheets
8.01-8.04	(4) Ownership Map
	(36) Total Sheets
Scales of Original 11x17 Drawings	
Plan Sheets 1"=100'	
Ownership Map 1"=400'	

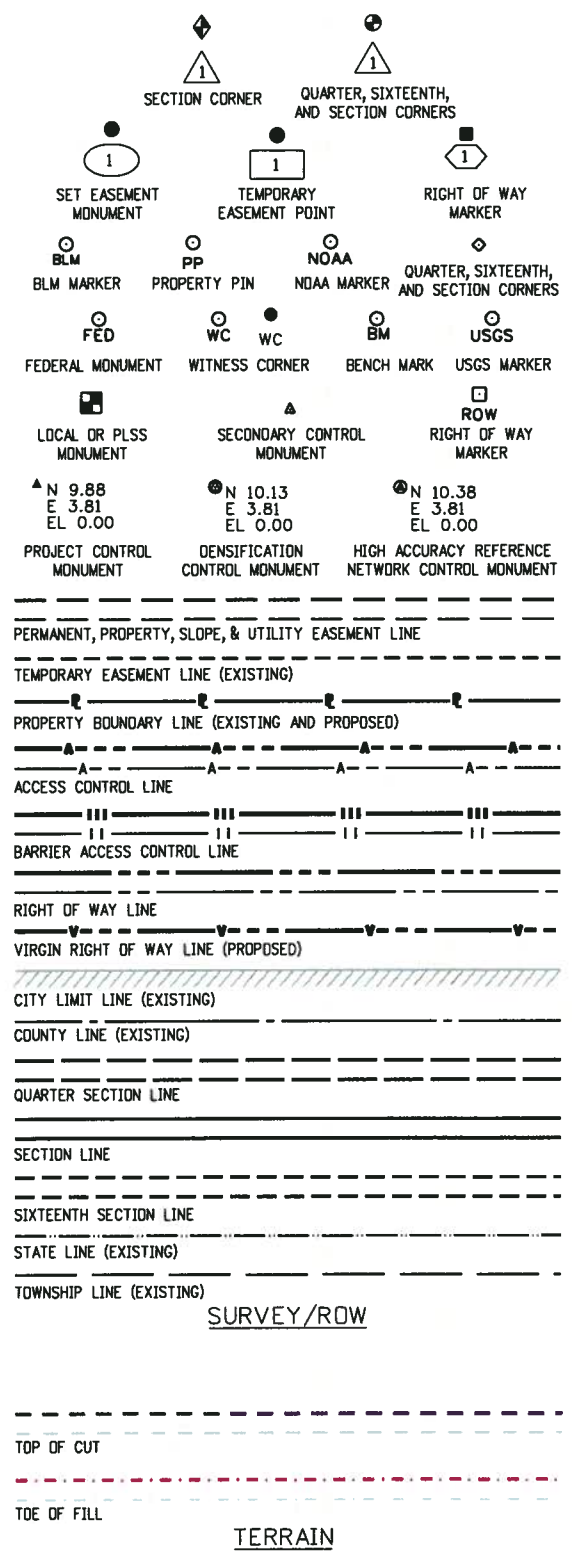
BASIS OF BEARINGS: Bearings are Grid Bearings of the Universal Transverse Mercator (UTM) coordinate system, Zone 13-N obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN) and the National Geodetic Survey's Continuously Operating Reference Stations (CORS). The line between NGS control monument ARGO (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.

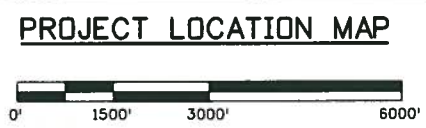
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ DATE _____

DIVISION ADMINISTRATOR



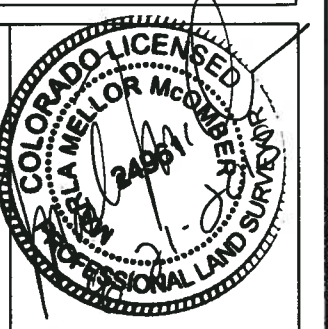
FILING CERTIFICATE
Deposited this _____ day of _____, 201____
at _____, in book _____ of the County
Clerk & Recorders Land Survey/Right-of-Way
Surveys at Page(s) _____, Reception No. _____



End ROW Project
Station: 2073+50
M.P.: 48.06

End Const Project
Station: 2416+65
M.P.: 54.56

SURVEYOR STATEMENT (ROW PLAN)
I, Maria M. McOmber, 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



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

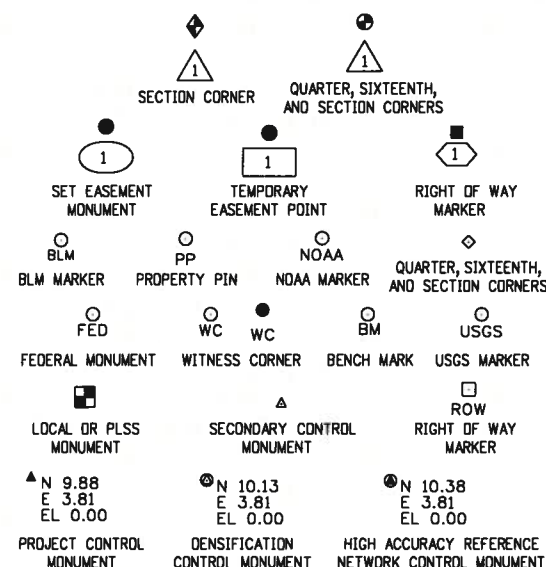
Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
04/02/12	add sheet 4.02, renumber 4.02-4.5	MMM	mm/dd/yy	XXXXXXXX	XXX	mm/dd/yy	XXXXXXXX	XXX
07/18/12	sheet 4.03-4.05, Revised Vertical Datum	MMM						

Land Survey Control Diagram			
Title Sheet			
Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs. 20, 28, 29, 33, 34 T1S, R69W/6th PM			
Project Code: 17516	Last Mod. Date: 07-18-12	Subset: 4.01 of 4.06	Sheet No.: 4.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO LAND SURVEY CONTROL DIAGRAM

State Highway 36 MP 44.52 to 48.06
Sections 20, 28, 29, 33 & 34 Township 1 South, Range 69 West &
Sections 2, 3, 11 & 12 Township 2 South, Range 69 West
of the 6th Principle Meridian
BOULDER County &
City & County of BROOMFIELD

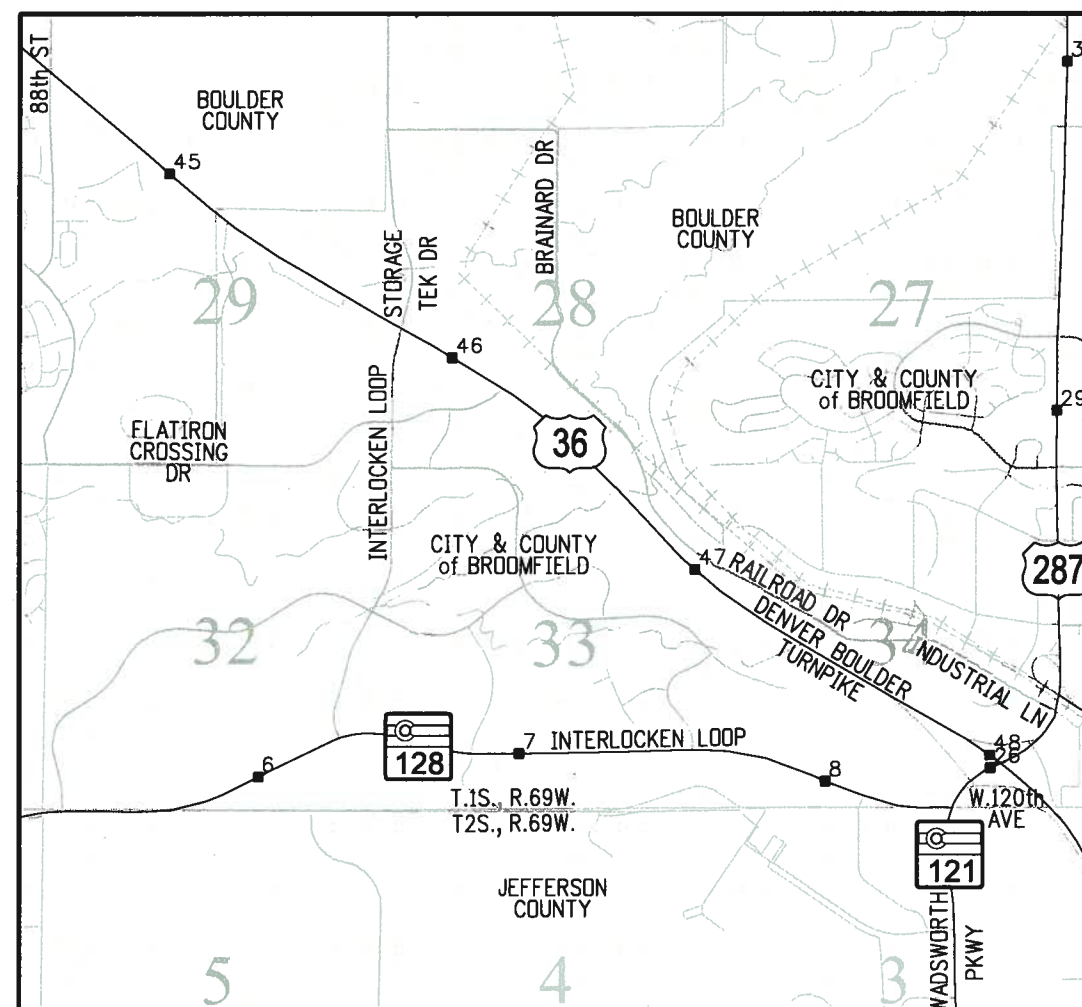
SHEET NO.	INDEX OF SHEETS
4.01	(1) Title Sheet
4.02-4.04	(3) Plan Sheet
4.05-4.06	(2) Monument Coordinate Tables
	(6) Total Sheets



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. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

GENERAL NOTES:

1. This Land Survey Control Diagram is to document the recovery and/or establishment of survey points that will be 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.
2. 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 N41°06'01"W, a distance of 88,308.12 feet.
3. 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.
4. 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.
5. Horizontal Control Tolerances of Project Control Points meet the precision requirements of CDOT type A control (+/- 0.07' with 95% certainty).
6. Vertical Datum: Elevations are NAVD'88 Second Order Class 1, originally established by digital differential level by CDOT crews for the US-36 EIS and adjusted for this project to match the NGS, June 2009, Project L26455 adjustment.



PROJECT LOCATION MAP



Boulder County Depositing Certificate:

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

City & County of Broomfield Depositing Certificate:

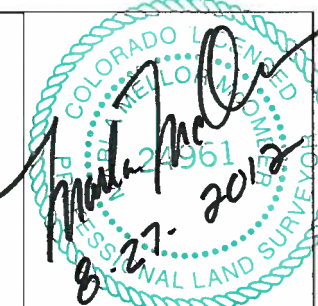
Deposited this _____ day of _____, 201__ at _____ o'clock ____M. under
Reception No. _____
By _____
Title _____

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, Maria 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

Date	Description	Initials
04/02/12	added to Segment D	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



0 250 500 750 1000 1250
1" = 1000'

Land Survey Control Diagram

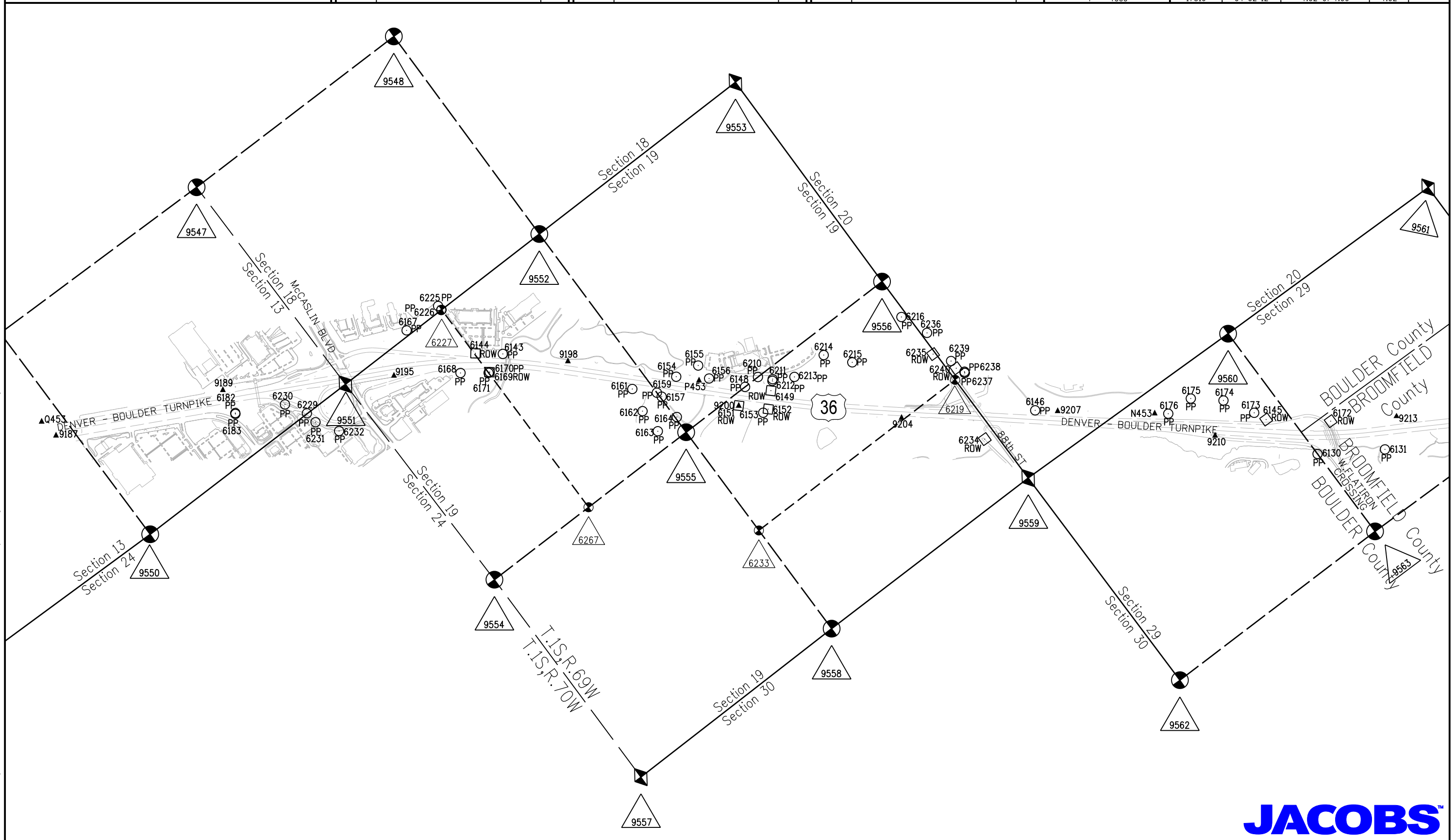
Plan Sheet

Project Number: NH 0361-093, Segment D

Project Location: 88th St to Wadsworth Pkwy

Secs.20,28,29,33,34 T1S,R69W/6th PM

Project Code:	Last Mod. Date	Subset	Sheet No.
17516	04-02-12	4.02 of 4.06	4.02



8/14/2012 malek ja 7:53:55 AM K:\0WXXW7000-US36CDDT\17516d\ROW_Survey\Drawings\17516dSURV_LSCD-Plan402.dgn

JACOBS

Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

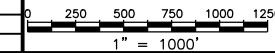
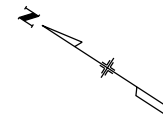
Date	Description	Initials
07/18/12	L453 out of tolerance	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

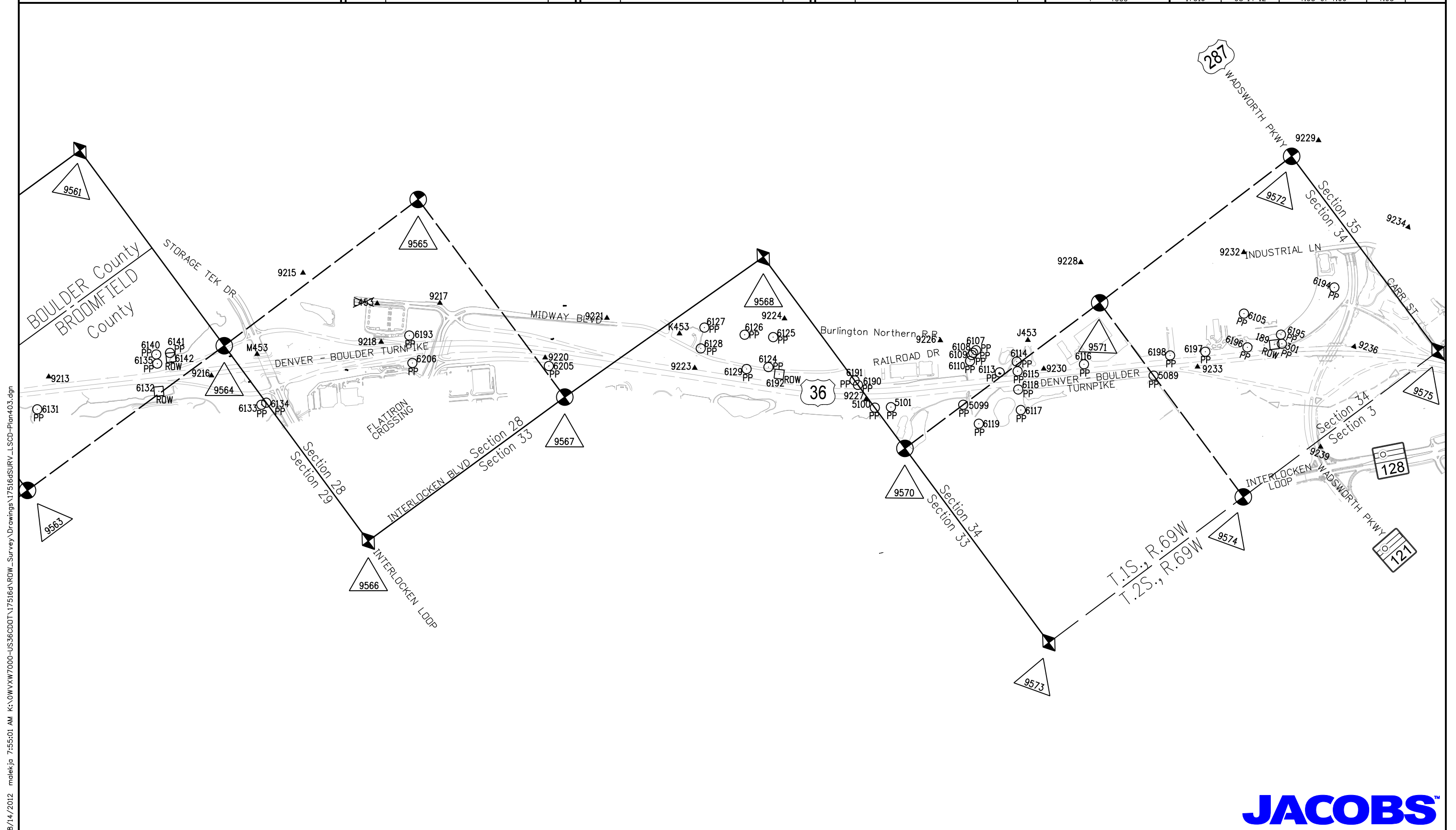
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Land Survey Control Diagram

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code: 17516	Last Mod. Date: 08-14-12	Subset: 4.03 of 4.06	Sheet No.: 4.03



8/14/2012 malek ja 7:55:01 AM K:\0\W\X\W7000-US36CDDT\17516d\NRW_Survey\Drawings\17516d\SURV_LSCD-Plan403.dgn

Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

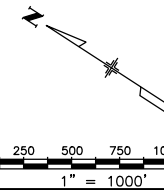
Date	Description	Initials
07/18/12	PSCD out of tolerance	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

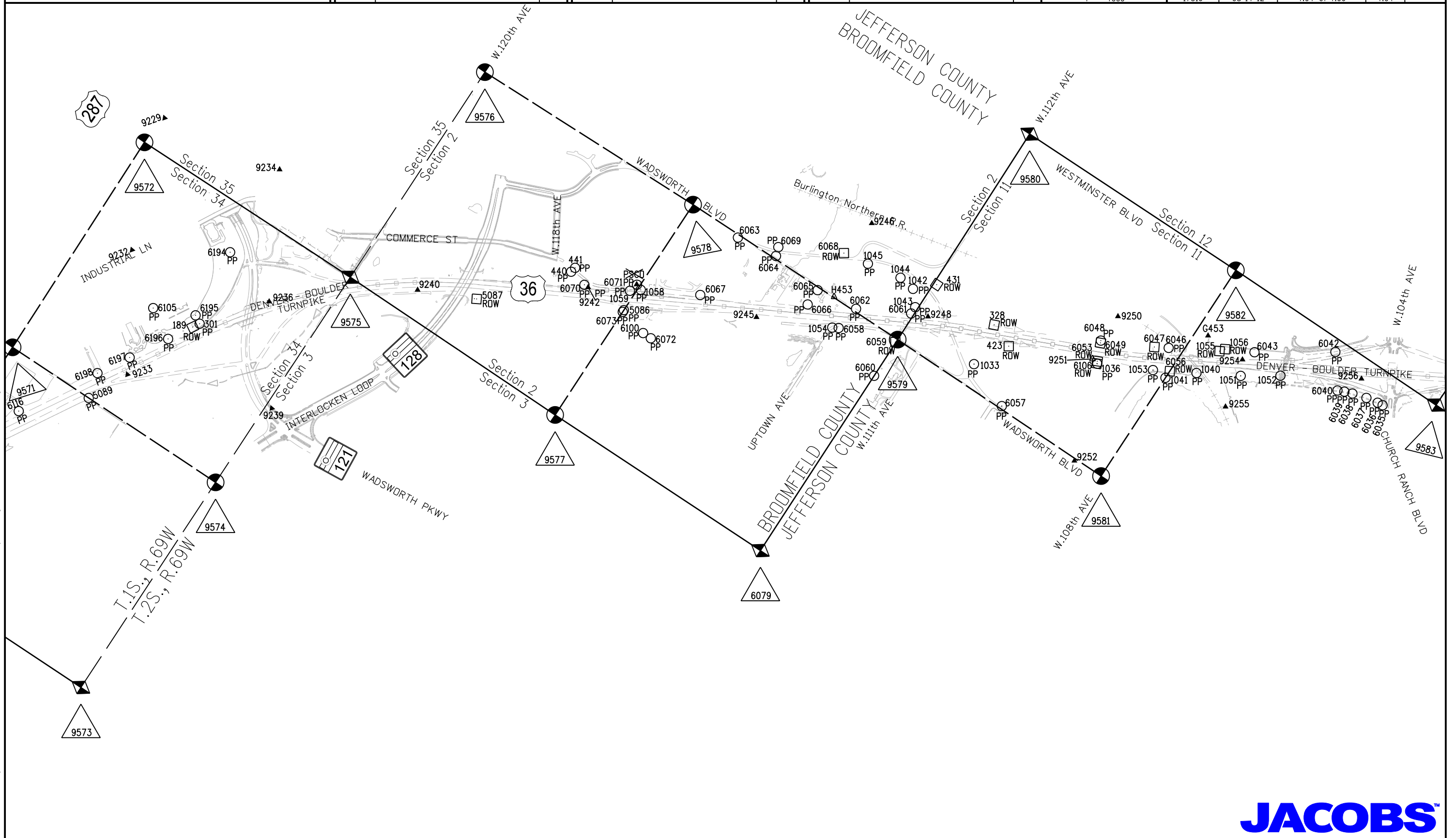


Land Survey Control Diagram

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
17516	08-14-12	4.04 of 4.06	4.04

8/14/2012 malek ja 7:56:30 AM K:\0MWXW7000-US36CDDT\17516d\ROW_Survey\Drawings\17516dSURV_LSCD-Plan404.dgn



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
07/18/12	PSC0,F453,L453 out of tolerance	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX



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

Land Survey Control Diagram

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
17516	08-14-12	4.05 of 4.06	4.05

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

Geodetic Coordinates						Project Specific Coordinates				2009 Adj. Elevation	Δ1	Description	
Point	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (UTM 13N)	Easting (UTM 13N)	Name	Northing (Project)	Easting (Project)				NAVD88
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

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

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	OVERLOOK	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

PSC0	39°54'26.57148"N	105°05'05.32147"W	5356.04	-0°03'15.9"	14492917.56	1616632.964	pseo	502343.776	617684.426	5411.38		✗	Recovered 4" Brass Cap PSC0 "NO. 120 W.C."	
F453-	39°53'00.23344"N	105°04'02.71738"W	5249.66	-0°02'35.6"	14484281.6	1621903.136	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°55'18.67262"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°06'30.03135"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"	15099131.080	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"	

Existant 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

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"
9242	39°54'29.71259"N	105°05'09.34925"W	5366.03	-0°03'18.5"	14493336.725	1616319.614	9242	502763.212	617370.871	5421.26	g	CDOT Type II monument	"9242"
9245	39°54'13.01885"N	105°05'00.00939"W	5328.41	-0°03'12.5"	14491647.488	1610545.576	9245	501072.881	618097.306	5383.72	g	CDOT Type II monument	"9245"
9246	39°54'08.27486"N	105°04'40.44545"W	5303.88	-0°02'59.9"	14491166.265	1618569.211	9246	500591.345	619621.932	5359.23	g	2" Aluminum Cap "CDOT 9246"	
9248	39°53'57.82327"N	105°04'46.92475"W	5335.77	-0°03'04.0"	14490109.549	1618063.514	9248	499533.942	619115.906	5391.07	g	CDOT Type II monument	"9248"
9250	39°53'40.97580"N	105°04'32.48151"W	5302.97	-0°02'54.8"	14488404.477	1619187.284	9250	497827.76	620240.407	5358.30	g	2" Aluminum Cap "CDOT 9250"	
9251	39°53'40.74053"N	105°04'39.31796"W	5309.12	-0°02'59.1"	14488381.136	1618654.627	9251	497804.405	619707.403	5364.43	g	CDOT Type II monument	"9251"
9252	39°53'36.39048"N	105°04'52.43216"W	5299.99	-0°03'07.6"	14487942.955	1617632.483	9252	497365.939	618684.594	5355.23	g	2" Aluminum Cap "CDOT 9252"	
9254	39°53'27.39813"N	105°04'28.00976"W	5314.78	-0°02'51.9"	14487030.826	1619534.540	9254	496453.217	620587.888	5370.11	g	CDOT Type II monument	"9254"
9255	39°53'26.14961"N	105°04'34.72544"W	5293.85	-0°02'56.2"	14486904.983	1619011.176	9255	496327.292	620064.184	5349.15	g	2" Aluminum Cap "CDOT 9255"	
9256	39°53'15.71614"N	105°04'21.19212"W	5267.11	-0°02'47.5"	14485848.778	1620064.780	9256	495270.399	621118.474	5322.46	g	CDOT Type II monument	"9256"

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
04/02/12	renumber sheet	MMM
	add 9547, 9548, 9550-9560, 9562, 6147, 6143-6183, 6210-6240, 6267	

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

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**

Land Survey Control Diagram

Plan Sheet

Project Number: NH 0361-093, Segment D

Project Location: 88th St to Wadsworth Pkwy

Secs.20,28,29,33,34 T1S,R69W/6th PM

Project Code:	Last Mod. Date	Sheet No.
17516	04-02-12	4.06 of 4.06

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	620667.486	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

FOUND BOUNDARY MONUMENT COORDINATE TABLE

Point No.	Northing(ft) (Project)	Easting(ft) (Project)	Description
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
6130	513961.358	602886.883	5/8" Rebar 1 1/2" APC 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 PLS 28657
~6141	513194.755	605016.641	5/8" Rebar w/ 2" Alum. Cap PLS 28657
6143	520057.190	596529.829	5/8" Rebar 1 1/4" Yellow Cap PLS 10945
6146	516150.425	600741.067	5/8" Rebar w/ 1 1/4" Illegible Yellow Cap
6148	518216.776	598399.453	1 1/2" Alum Cap Stamped "MELVIN SURVEYING 28576"
6153	517878.287	598388.81	5/8" Rebar w/ 1 1/4" Illegible Alum Cap
6154	518746.804	597873.094	5/8" Rebar w/ 1 1/2" Illegible Alum Cap
6155	518701.795	598133.684	5/8" Rebar w/ 2" Alum Cap PLS 24305
6156	518520.121	598144.029	5/8" Rebar w/ 2" Alum Cap PLS 24305
6157	518669.27	597620.034	5/8" Rebar w/ 1 1/4" Illegible Red Cap
6159	518733.781	597604.066	1/2" Rebar w/ Yellow Cap PLS 12046
~6161	518923.303	597417.114	PK Nail Top of Fence Post

FOUND BOUNDARY MONUMENT COORDINATE TABLE

Point No.	Northing(ft) (Project)	Easting(ft) (Project)	Description
6162	518667.423	597362.365	5/8" Rebar w/ 1 1/4" Illegible Red Cap
6163	518396.384	597364.37	5/8" Rebar w/ no cap
6164	518396.251	597619.31	5/8" Rebar w/ no cap
6167	520877.758	595854.429	5/8" Rebar w/ 1 1/4" Yellow Cap Marked "JOHNSTON ENG"
6168	520165.061	596043.725	5/8" Rebar w/ 2" Alum Cap PLS 27275
6170	519985.170	596299.976	1/2" Rebar w/ 1 1/4" Yellow Cap PLS 12046
6171	519985.705	596285.904	5/8" Rebar w/ 2" Alum Cap PLS 27275
~6173	514722.098	602607.244	5/8" Rebar w/ 2" Alum Cap PLS 28657
~6174	515025.313	602422.097	5/8" Rebar w/ 2" Alum Cap PLS 28657
~6175	515252.300	602153.891	5/8" Rebar w/ 2" Alum Cap PLS 28657
~6176	515266.744	601862.940	5/8" Rebar w/ 1 1/4" Alum Cap PLS 28657
6182	521268.318	593851.144	5/8" Rebar w/ 1 1/4" Illegible Alum Cap
~6183	521259.564	593846.433	1/4" Rebar w. 1 1/4" Illegible Yellow Cap
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
~6210	518218.979	598573.418	5/8" Rebar w/ 2" Alum Cap PLS 24305
~6211	518106.042	598685.582	5/8" Rebar w/ 2" Alum Cap PLS 24305
~6212	518093.478	598672.981	5/8" Rebar w/ 2" Alum Cap PLS 24305
6213	517985.488	598887.679	1/2" Rebar w/ 1 1/4" Yellow Cap PLS 24667
6214	517985.052	599279.573	5/8" Rebar w/ 2" Alum Cap PLS 24305
6215	517738.866	599478.232	1/2" Rebar w/ 1 1/4" Yellow Cap PLS 24667
6216	517812.869	600191.915	5/8" Rebar w/ 2" Yellow Cap
~6225	520884.923	596281.494	5/8" Rebar w/ 1 1/4" Yellow Cap LS 24966
~6226	520830.087	596282.396	5/8" Rebar w/ 1 1/4" Yellow Cap PLS 25379
6229	520805.693	594464.899	1 1/4" Yellow Cap PLS 29420 in concrete
~6230	521022.87	594333.444	1" Brass Disc PLS 29420 in concrete
6231	520673.682	594481.239	1 1/4" Yellow Cap in 8" PVC pipe
6232	520447.021	594627.529	Chiseled cross in concrete
~6236	517511.731	600310.081	5/8" Rebar w/ 2 1/2" Alum Cap PLS 28657
6237	516925.951	600376.576	5/8" Rebar w/ 1 1/2" Alum Cap PLS 28657
~6238	516925.946	600377.260	5/8" Rebar w/ 1 1/2" Alum Cap PLS 28657
~6239	517115.160	600335.290	5/8" Rebar w/ 2" Alum Cap PLS
~6240	517019.972	600333.266	3/4" Alum Pipe w/ no Cap

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" Alum Cap PLS 23904
~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
~6144	520237.809	596298.291	3" Brass Cap in Concrete PT No. 416
6145	514587.472	602666.405	3 1/4" Alum Cap PLS 29420 in concrete
~6149	518018.029	598596.925	3" Brass Cap PT NO. 448
~6151	518095.809	598224.110	3 1/4" Brass Cap CDOT Mile Post 9200
~6152	517877.223	598455.356	3" Brass Cap PT No. 448
~6169	519986.862	596297.836	3" Brass Cap in Concrete PT NO. 467
6172	514158.582	603210.342	3 1/4" Alum Cap PLS 29420 in concrete
~6192	509046.604	610177.089	3" Brass Cap in Concrete
~6234	516227.536	600122.838	3 1/4" Alum Cap PT No.5510 PLS 29752
~6235	517290.273	600225.491	3 1/4" Alum Cap PT No.5510 PLS 29752
~6240	517019.972	600333.266	3/4" Alum Pipe w/ no Cap

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

Point No.	Northing(ft)	Easting(ft)	Description
~189	506082.4023	614676.3591	350 FWORDTH 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

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
9547	39°57'53.85913"N	105°09'57.22460"W	5431.395	-0°06'23.6"	14514017.574	1593933.663	9547	523457.517	594970.361	5485.15	g	3.25" Alum. Cap on 2.5" Alum. Pipe, bent towards E.
9548	39°57'54.19304"N	105°09'23.01589"W	5393.978	-0°06'01.6"	14514046.540	1596596.245	9548	523486.502	597634.675	5448.05	g	3.25" Alum. Cap, in "Range Point" Box
9550	39°57'27.28581"N	105°10'30.92622"W	5497.534	-0°06'45.2"	14511334.713	1591305.327	9550	520772.910	592340.315	5551.13	g	2.5" damaged, illegible Alum. Cap 0.7' below asphalt in Range Box
9551	39°57'27.67594"N	105°09'57.06097"W	5437.343	-0°06'21.4"	14511369.127	1593945.678	9551	520807.347	594982.383	5491.17	g	3.25" Alum. Cap
9552	39°57'28.17455"N	105°09'23.21915"W	5390.477	-0°06'01.7"	14511414.810	1596575.810	9552	520853.060	597614.226	5444.52	g	2.5" illegible Alum. Cap, with mark and cross in concrete flush with ground
9553	39°57'28.65717"N	105°08'49.06068"W	5361.706	-0°05'39.8"	14511459.105	1599234.779	9553	520897.384	600274.925	5415.96	g	3.25" Alum. Cap, 0.1' above ground
9554	39°57'01.62087"N	105°09'56.63837"W	5440.235	-0°06'23.1"	14508733.619	1593969.474	9554	518170.125	595006.195	5494.03	g	2" Pipe w/ 3" Alum. Cap in conc.
9555	39°57'02.01846"N	105°09'23.32475"W	5463.226	-0°06'01.7"	14508769.152	1596562.950	9555	518205.682	597601.358	5517.24	g	3.25" Alum. Cap, flush with ground
9556	39°57'02.42015"N	105°08'49.28404"W	5425.981	-0°05'39.9"	14508805.275	1599213.020	9556	518241.828	600253.152	5480.21	g	2" Alum. Cap, flush with asphalt, in open, broken range box
9557	39°56'35.55721"N	105°09'56.71915"W	5632.384	-0°06'23.1"	14506097.311	1593958.289	9557	515532.102	594995.003	5686.14	g	2.5" Alum. Cap, 0.2' above ground
9558	39°56'36.09926"N	105°09'23.42957"W	5491.628	-0°06'01.7"	14506147.458	1596550.192	9558	515582.282	597588.591	5545.61	g	3.25" Alum. Cap, 0.5' below asphalt in "Landmark" Range Box
9559	39°56'36.45484"N	105°08'49.32249"W	5407.091	-0°05'39.8"	14506178.909	1599205.699	9559	515613.754	600245.825	5461.29	g	3.25" Alum. Cap Stamped " T1S R69W S19 S20 S30 S29 1995 PLS 13155" in Range Box
9560	39°56'36.06100"N	105°08'15.36058"W	5391.797	-0°05'18.0"	14506134.856	1601849.780	9560	515569.672	602891.626	5446.18	g	3.25" Alum. Cap, flush with ground "1998 T1S R69W 1/4 S20/S29 LS 16401"
9561	39°56'35.81997"N	105°07'41.23039"W	5320.262	-0°04'56.1"	14506106.52	1604506.992	9561	515541.318	605550.566	5374.7	g	3 1/4" Alum. Cap "MERRICK & CO. T1S R69W S20 S21 S28 2009 PLS 33200"
9562	39°56'09.65357"N	105°08'49.21663"W	5379.516	-0°05'39.7"	14503467.971	1599209.475	9562	512901.052	600249.604	5433.52	g	33.25" CDOT Alum. Cap, in walk, witness corner "T1S R69W 1/4 S30/S29 1999 PLS 11434 WC 14M"
9563	39°56'09.93951"N	105°08'15.41590"W	5340.588	-0°05'18.0"	14503492.7	1601841.399	9563	512925.795	602883.239	5394.78	g	2.5" Alum. Cap 0.1' up "D.B.&CO T1S R69W C1/4 S29 2000 PLS 23529"
9564	39°56'09.76050"N	105°07'41.37824"W	5314.28	-0°04'56.2"	14503470.65	1604491.696	9564	512903.728	605535.261	5368.67	g	2.5" Alum. Cap 0.2' down in lawn "D.B.&CO T1S R69W 1/4 S29/S28 1998 PLS 27936"
9565	39°56'09.90904"N	105°07'07.51017"W	5292.07	-0°04'34.4"	14503482.02	1607128.836	9565	512915.112	608174.116	5346.69	g	3" Alum. Cap illegible 0.4' down in Range box (C 1/4 S28)
9566	39°55'43.72357"N	105°07'41.56006"W	5341.55	-0°04'56.2"	14500837.06	1604473.715	9566	510268.426	605517.308	5395.92	g	2.5" Alum. Cap 0.2' down in Range box "D.B.&CO T1S R69W S29/S28/S32/S33 2000 PLS 23529"
9567	39°55'43.49478"N	105°07'07.60498"W	5360.35	-0°04'34.5"	14500810.26	1607171.898	9567	510241.609	608163.171	5414.94	g	2.5" Alum. Cap 2' down mostly illegible "R69W" (1/4 S28/S33)
9568	39°55'42.80601"N	105°06'33.75756"W	5399.29	-0°04'12.7"	14500737.22	1609753.605	9568	510168.525	610800.592	5454.11	g	2.5" Alum. Cap in conc. flush w/ground "T1S 28J27/33/34 F69W" R69W
9570	39°55'17.25518"N	105°06'33.87849"W	5368.97	-0°04'12.8"	14498152.79	1609741.02	9570	507582.419	610787.999	5423.76	g	3.25" Alum. Cap flush w/ground "T1S R69W 1/4 S33/S34 1989 LS 23047"
9571	39°55'17.28202"N	105°05'59.98542"W	5385.10	-0°03'51.0"	14498152.41	1612380.649	9571	507582.038	613429.345	5440.08	g	2.5" Alum. Cap flush w/ground "COUNTY OF BOULDER NW4 NE4 SW4 SE4 SEC 34" (C 1/4)
9572	39°55'17.56279"N	105°05'26.33204"W	5357.37	-0°03'29.4"	14498178.02	1615001.637	9572	507607.666	616052.037	5412.51	g	2.5" Alum. Cap illegible in Range box (1/4 S33/S34)
9573	39°54'51.31269"N	105°06'33.99315"W	5537.49	-0°04'12.8"	14495528.76	1609728.874	9573	504956.674	610775.845	5592.18	g	2.5" Alum. Cap 1.5' down in Range box "T1S R69W 33/34" other markings illegible (S33/S34/S4/S43)
9574	39°54'51.36182"N	105°06'00.12742"W	5500.73	-0°03'51.1"	14495530.63	1612366.653	9574	504958.55	613415.339	5555.57	g	3.25" Alum. Cap "T1S R69W 1/4 S34/S3 S2S R69W 2007 LS 17669"
9575	39°54'51.40402"N	105°05'26.24864"W	5397.64	-0°03'29.3"	14495532.08	1615005.446	9575	504960.003	616055.849	5452.69	g	2.5" Alum. Cap 0.8' down "T1S 34/S35/32 T2S R69W"
9576	39°54'51.45351"N	105°04'52.38406"W	5346.00	-0°03'07.6"	14495534.55	1617643.134	9576	504962.472	618695.252	5401.28	g	3.5" Alum. Cap in Range box "RW BAYER ASSOC /4 S35 2S R69W _994 RLS 6973"
9577	39°54'25.17024"N	105°05'26.56939"W	5381.66	-0°03'29.5"	14492878.6	1614977.768	9577	502304.793	616028.153	5436.68	g	3.25" Alum. Cap "T2S R69W 1/4 S3/S2 2010 LS 13155"
9578	39°54'25.22836"N	105°04'51.85268"W	5326.70	-0°03'07.2"	14492881.88	1617682.114	9578	502308.073	618734.258	5381.98	g	3.25" Alum. Cap 0.4' down in "LANDMARK" box "T2S R69W C 1/4 S2 1999 RLS 1802"
9579	39°53'59.17205"N	105°04'51.87878"W	5344.27	-0°03'07.2"	14490246.32	1617677.689	9579	499670.805	618729.83	5395.55	g	2.5" Alum. Cap in "LAND CORNER" box "T2S R69W 1/4 S2/S11 1994 PLS 23904"
9580	39°53'59.47534"N	105°04'18.16252"W	5295.41	-0°02'45.6"	14490274.75	1620304.397	9580	499699.254	621358.246	5350.88	g	3.25" Alum. Cap illegible in Range box (no lid) "+" (S2/S1/S11/S12)
9581	39°53'33.13935"N	105°04'52.16020"W	5293.27	-0°03'07.4"	14487613.18	1617653.372	9581	497035.949	618705.497	5348.52	g	3.25" Cap illegible/corroded 0.6' down in "LAND CORNER" box (C 1/4 S11)
9582	39°53'33.20529"N	105°04'18.22145"W	5284.61	-0°02'45.6"	14487617.59	1620297.673	9582	494040.359	621351.517	5339.97	g	3.25" CDOH Alum. Cap 0.5' down "T2S R69W S11/S12 1/4 1989 PLS 23899"
9583	39°53'07.56089"N	105°04'18.55818"W	5263.10	-0°02'45.8"	14485023.72	1620269.344	9583	497000.388	621323.171	5318.51	g	3.25" Brass Cap 0.05' down in concrete "T2S R69W ACCURATE S11/S12/S14/S13 2001 PLS 14070"

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
04/02/12	Add 3180,3263,3264,3265,3267,3281-3284	
	Add 4204-4211,4219,4220,4258,4259,4260,4121 Rev 3107,3109,3127,3108	MMM
07/11/12	Rev 3180,3131-3133,3168,3180-3282,3284, Add 3314-3317,3319-3323,3326-3336	MMM
08/13/12	Add 4261,4262,4263 Rev 3281 & 3282	MMM

Sheet Revisions

Date	Description	Initials
08/23/12	del 3316,3315,4105, 4108, rev 4195,4196, 4102,4103,4106, add 3341,3342,4374-4380	MMM
12/20/12	add 4116, rev 3142-3145	MMM
08/05/13	del 4261-4263, rev 3281 & 3282	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXXX	XXX



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

Right of Way Plans

Monumentation Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
17516	08-05-13	5.01 of 5.02	5.01

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

Point No.	Northing(ft)	Easting(ft)	Description
3079	506541.001	613423.787	21C
3082	505851.956	614080.871	21C
3090	505903.154	613420.381	21C
3107	507437.114	611924.563	37
3109	507458.932	611983.602	37
3117	509865.068	609752.350	27
3118	509772.163	609839.674	27
3119	509462.716	610022.259	27
3120	509384.979	609934.855	27
3121	509597.491	609757.970	27
3122	509746.669	609674.034	27
3123	509967.881	608859.331	T- 170-1(0)
3127	507582.276	611777.244	PE-21
3134	511968.625	606176.284	31
3135	511961.258	606104.338	31
3137	511962.164	605920.813	31
3138	512013.460	606087.999	31
3139	511941.516	605942.474	31A
3140	511797.519	605851.307	31A
3141	511797.030	605816.932	31A
3142	513251.621	604721.057	32Rev
3143	513470.522	604849.642	32Rev
3144	513304.123	605132.917	32Rev
3145	513140.748	605036.949	32Rev
3153	507898.258	612180.586	26
3154	507705.483	612065.361	26
3155	507643.587	612168.916	26
3156	507791.152	611817.611	36
3164	509725.143	609618.028	27A
3165	509970.569	609569.684	27A
3166	509844.449	609587.234	27A
3167	509493.311	609838.506	27
3172	509560.795	609710.500	27A
3178	509454.980	609792.299	27A
3179	509297.379	609932.468	27A
3281	515363.005	601748.919	32B
3282	515264.530	601907.531	32B
3321	512906.363	606145.982	C M145-003
3322	512839.984	606145.604	C M145-003
3323	513032.608	605536.009	C M145-003
3333	510794.262	608493.275	C M145-003
4084	508502.456	610792.479	T 170-1(0)
4085	508440.026	610792.175	T 170-1(0)
4086	508837.123	609962.338	T- 170-1(0)

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

Point No.	Northing(ft)	Easting(ft)	Description
4087	508965.711	609836.907	T- 170-1(0)
4089	509775.506	609487.029	T- 170-1(0)
4091	510239.896	608224.988	T- 170-1(0)
4092	510239.564	608236.983	T- 170-1(0)
4093	510487.759	608352.211	T- 170-1(0)
4095	510615.113	608227.983	T- 170-1(0)
4096	510737.347	608104.980	T- 170-1(0)
4097	511041.821	607701.602	C M145-003
4098	511459.189	607881.903	C M145-003
4099	511205.791	607435.799	C M145-003
4100	511560.494	607827.118	C M145-003
4101	511235.302	607407.006	C M145-003
4102	511567.003	607560.449	21A Rev
4103	511583.616	607846.265	21A Rev
4104	511262.519	607362.886	C M145-003
4106	511373.649	607310.485	21B Rev
4107	511893.032	607033.908	T 170-1(0)
4109	511716.863	606741.504	T 170-1(0)
4110	511830.805	606447.667	C M145-003
4111	512063.859	605988.757	C M145-003
4112	512099.202	605802.307	C M145-003
4113	512081.166	605776.834	C M145-003
4121	513564.122	603498.027	T 170-1(0)
4122	508111.739	611281.258	T- 170-1(0)
4194	511787.852	607212.964	T 170-1(0)
4195	511309.073	607222.286	21B Rev
4196	511284.713	607227.907	21B Rev
4197	510869.378	607943.571	C M145-003
4198	511105.112	608223.781	C M145-003
4199	510990.033	608327.774	C M145-003
4200	511529.179	607061.017	T- 170-1(0)
4202	506864.014	612883.377	25A
4203	506802.498	613471.660	T- 170-1(0)
4204	513581.910	603566.464	T-170-1(0)
4205	513621.168	603400.913	T-170-1(0)
4206	513922.954	603578.185	T-170-1(0)
4207	514120.246	603266.404	C M145-003
4208	514385.009	603200.875	C M145-003

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

Point No.	Northing(ft)	Easting(ft)	Description
4209	514205.183	602576.607	T-170-1(0)
4210	515602.465	600923.396	T-170-1(0)
4211	516257.129	600691.025	32A
4219	517085.470	600179.390	BR 0361--056 (Unit 1)
4220	516926.871	600178.948	BR 0361--056 (Unit 1)
4258	516112.498	600141.584	BR 0361--056 (Unit 1)
4374	512937.402	605996.013	21G Rev
4375	512556.725	605904.042	21F Rev
4376	512662.566	605723.859	21F Rev
4377	512977.958	605800.057	21G Rev
4378	512360.524	605645.742	21E Rev
4379	512122.516	605588.240	21E Rev
4380	512247.509	605838.137	21E Rev

TABULATION OF R.O.W. POINTS FOR INFORMATIONAL PURPOSES ONLY

Point No.	Northing(ft)	Easting(ft)	Description
4259	515108.903	601507.360	T-170-1(0)
4260	507661.414	612238.983	T-170-1(0)
3080	506180.825	613818.329	21C
3081	505895.016	614076.243	21C
3083	505893.109	613939.313	21C
3084	505902.724	613824.571	21C
3085	505909.032	613797.043	21C
3086	505930.712	613740.640	21C
3087	505933.772	613641.767	21C
3088	505903.291	613544.978	21C
3089	505898.179	613444.499	21C
3096	506597.927	613424.091	25
3097	506684.003	613184.542	25
3098	506725.377	613210.864	25
3102	507051.586	612569.563	33
3103	507099.526	612584.900	33
3105	507311.504	612134.713	37
3106	507353.560	612159.894	37
3110	507758.169	611872.792	26
3111	507830.469	611849.773	26
3136	511939.615	605906.628	31
3157	507624.951	612095.670	36
3180	515266.751	601862.803	32B
3283	516148.672	600741.889	32A
3284	515593.250	601476.502	32A
3314	510824.593	608442.733	21A Rev
3319	512427.328	605532.016	21E Rev
3320	512773.870	605534.376	21F Rev
3326	513106.114	604968.766	21H
3327	514158.497	603210.885	21J
3328	514401.771	602887.921	21J
3329	514490.594	602888.203	21J
3330	514433.912	603017.941	21J
3331	514472.495	602802.537	21M
3332	514587.435	602666.544	21M
3334	514562.428	602888.431	21L
3335	515594.566	601397.487	21N
3336	511889.232	606448.065	21O
3441	512905.683	605988.349	21F Rev
3442	512904.794	605782.381	21F Rev
4090	509760.536	609480.678	27A
4116	513150.750	604990.792	32Rev

General Notes:

1. A gap exists between property described in deed recorded at Rec.#3100334 and property described in deed recorded at Rec.#01528514. The gap is a result of an apparent county road. Jacobs Engineering was unable to obtain any documentation creating subject county road. However, City and County of Broomfield provided unrecorded Resolution No. 84-148 and unrecorded Ordinance No's. 582 and 581 vacating subject road. Found monumentation was held for the boundary of property described in Rec.#01528514. The land between the previously mentioned deeds is an area of questionable title and may be subject to unwritten rights.

2. Property line for Lot 2, Flatiron Marketplace Filing No. 1, Replat C is in conflict with US-36 Right of way as delineated on CDDT Right of way Project No. T 170-1(0). The property line for Lot 2 was configured based on Broomfield County Ordinance No. 1848, vacating Coalton Road. The property line is not accepted and unwritten rights may exist.

3. 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.

4.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.

5. 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 therein. 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
Phone: 303-757-9923 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

Date	Description	Initials
07/11/12	add sheet 5.02	MMM
08/05/13	add 3485,3486,3487,3488	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



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

Right of Way Plans

Monumentation Sheet

Project Number: NH 0361-093, Segment D				
Project Location: 88th St to Wadsworth Pkwy				
Secs.20,28,29,33,34 T1S,R69W/6th PM				
Project Code:	Last Mod. Date	Subset	Sheet No.	
17516	08-05-13	5.02 of 5.02	5.02	

●
XX

TABULATION OF PERMANENT & SLOPE EASEMENT MONUMENTS TO BE STAKED			
Point No.	Northing(ft)	Easting(ft)	Description
3074	506340.868	614243.982	PE-22
3075	506349.450	614249.116	PE-22
3078	506476.892	614035.901	PE-22
3092	506845.467	613425.413	SE-23 Rev
3093	506821.670	613439.584	SE-23 Rev
3094	506990.469	613157.179	SE-24
3095	506997.878	613188.785	SE-24
3099	506485.901	613423.493	SE-25
3100	506662.910	613171.122	SE-25
3101	507027.146	612561.744	SE-33
3104	507290.063	612121.875	SE-33
3108	507582.290	611681.679	PE-21
3124	509589.924	609228.012	SE-28
3125	509572.473	609210.111	SE-28
3126	509946.460	608845.302	SE-28
3128	506561.108	613875.514	SE-29
3129	506530.260	613965.356	SE-29
3130	506484.602	614041.829	SE-29
3131	510991.022	607780.286	PE-30
3132	510946.190	607844.093	PE-30
3133	510925.403	607739.007	PE-30
3146	513270.087	604731.904	SE-32
3152	513424.412	604426.898	SE-32
3168	510793.966	608493.563	SE-21
3169	510740.701	608580.446	SE-21
3170	510331.654	608979.454	SE-21
3171	510314.197	608961.558	SE-21
3177	507425.990	611894.464	SE-37
3263	507507.021	611903.147	PE-38
3264	507645.894	612264.949	PE-38
3265	507613.281	612319.512	PE-38
3267	507474.408	611957.710	PE-38
3485	510942.196	607749.571	PE-40
3486	510706.028	607601.001	PE-40
3487	510708.645	607596.841	PE-40
3488	510944.869	607745.446	PE-40
TABULATION OF PERMANENT & SLOPE EASEMENT POINTS FOR INFORMATIONAL PURPOSES ONLY			
Point No.	Northing(ft)	Easting(ft)	Description
3077	506468.910	614029.764	PE-22
3091	506830.189	613425.332	SE-23

○
XX

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
04/02/12	added to Segment D	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: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
17516	07-11-12	7.01 of 7.15	7.01

T.1S.,R.69W.,6th P.M.

SW 1/4
SEC.20

REC.#1697463, 5-09-1997
REC.#2276419, 4-11-2002
REC.#2276420, 4-11-2002

Note: To be acquired by US36
Project No. NH 0361-103, Segment E
Project Code: 18907

SE 1/4
SEC.19

Note: To be acquired by US36
Project No. NH 0361-103, Segment E
Project Code: 18907

TRACT E
ROCK CREEK RANCH FILING NO.12
REC.#01246125, 12-07-1992

JACOBS™

7/11/2012 Malekja 1:05:25 PM K:\0MWXW7000-US36\DOT\17516\ROW_Survey\Drawings\17516\ROW_Plan701.dgn

Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

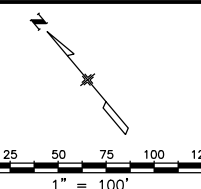
Date	Description	Initials
04/02/12	added to Segment D	MMM
07/11/12	added 21N, Name Change 32A	MMM
08/13/12	added 32C	MMM
08/05/13	del 32C	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

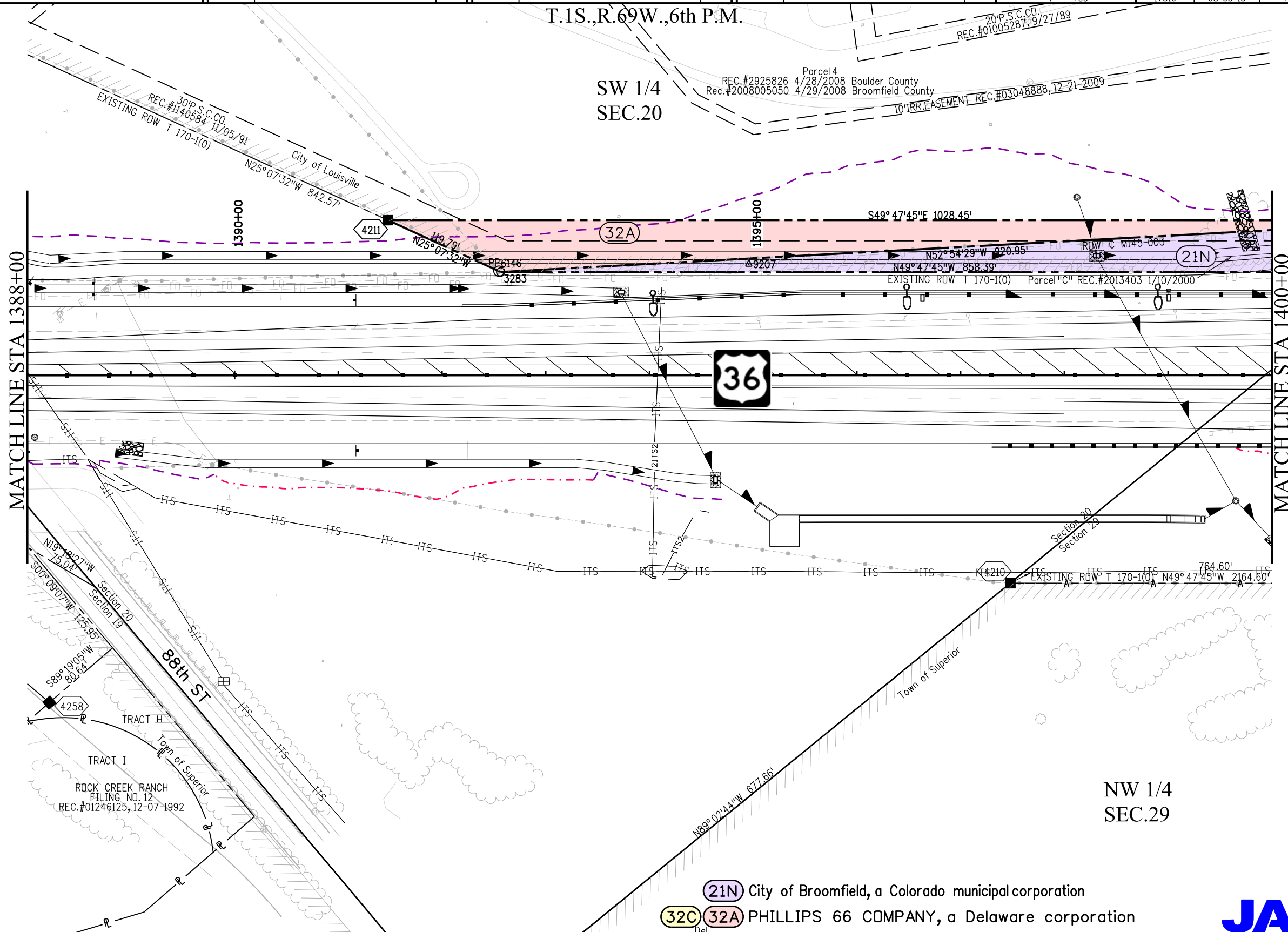
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
17516	08-05-13	7.02 of 7.15	7.02



(21N) City of Broomfield, a Colorado municipal corporation
(32C) (32A) PHILLIPS 66 COMPANY, a Delaware corporation



8/5/2013 malek ja 10:53:43 AM K:\0WV\X7000-US36CDDT\17516d\RDW_Survey\Drawings\17516d\RDW_Plan702.dgn

Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

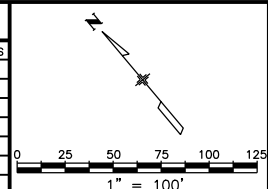
Date	Description	Initials
04/02/12	added to Segment D	MMM
06/11/12	Del PE-32, Add 32B	MMM
07/11/12	add 21L, 21N, Name Change 32A, 32B	MMM
08/13/12	add 32C	MMM
08/05/13	del 32C	MMM

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: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs. 20, 28, 29, 33, 34 T1S, R69W/6th PM			
Project Code: 17516	Last Mod. Date: 08-05-13	Subset: 7.03 of 7.15	Sheet No.: 7.03

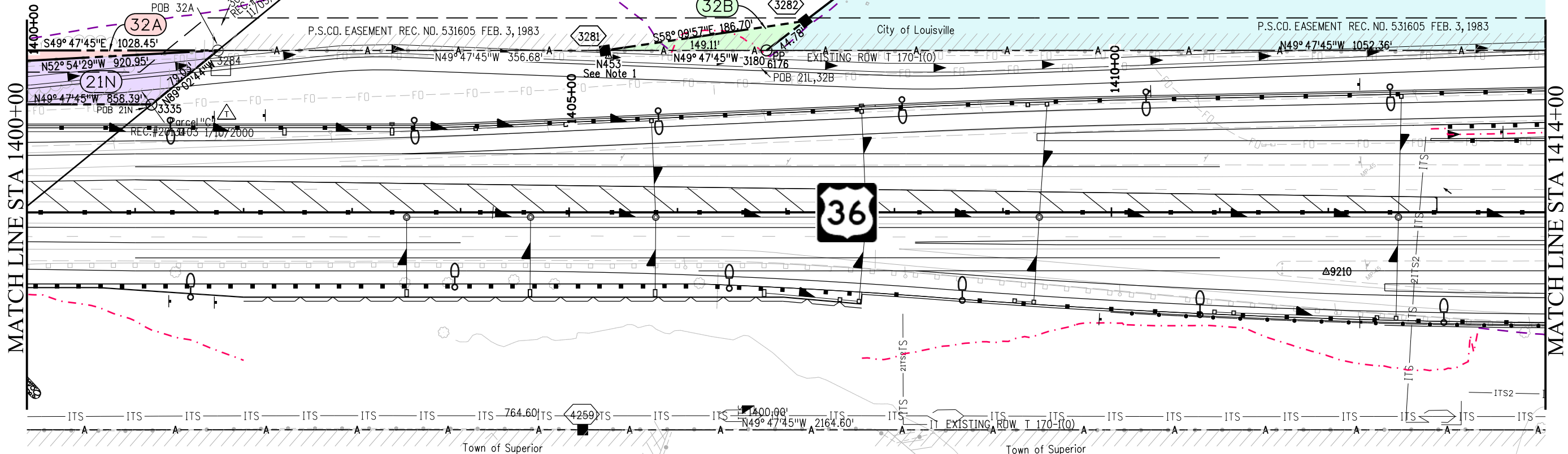
T.1S.,R.69W.,6th/P.M.

SW 1/4
SEC.20

Parcel 4
REC.#2925826 4/28/2008 Boulder County
Rec.#2008005050 4/29/2008 Broomfield County

Parcel "B"
REC.#2013403 1/10/2000

(21L)



NW 1/4
SEC.29

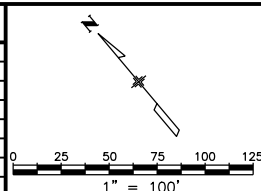
Note 1:
NGS Monument No. N453 resides within the project boundary and within an area subject to construction activities. It is the contractor's responsibility to protect and replace all control monuments within the project area. All necessary measures must be taken to protect and preserve the monument locations and stability.

(21N) (21L) City of Broomfield, a Colorado municipal corporation
(32C) (32B) (PE-32) (32A) PHILLIPS 66 COMPANY, a Delaware corporation

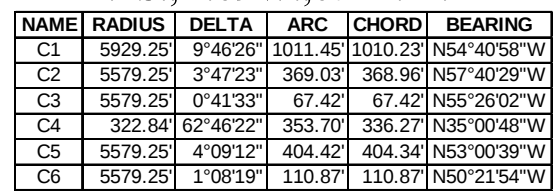
Hodgson Harris Reservoir

JACOBS™

8/5/2013 malekja 11:14:16 AM K:\0WV\XW7000-US36\DDT\17516\ROW_Survey Drawings\17516\ROW_Plan703.dgn

[illegible][illegible]

Right of Way Plans Plan Sheet			
Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
17516	07-11-12	7.04 of 7.15	7.04



Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

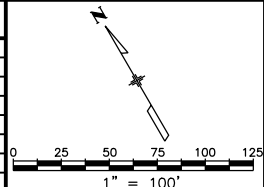
Date	Description	Initials
04/02/12	added to Segment D	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

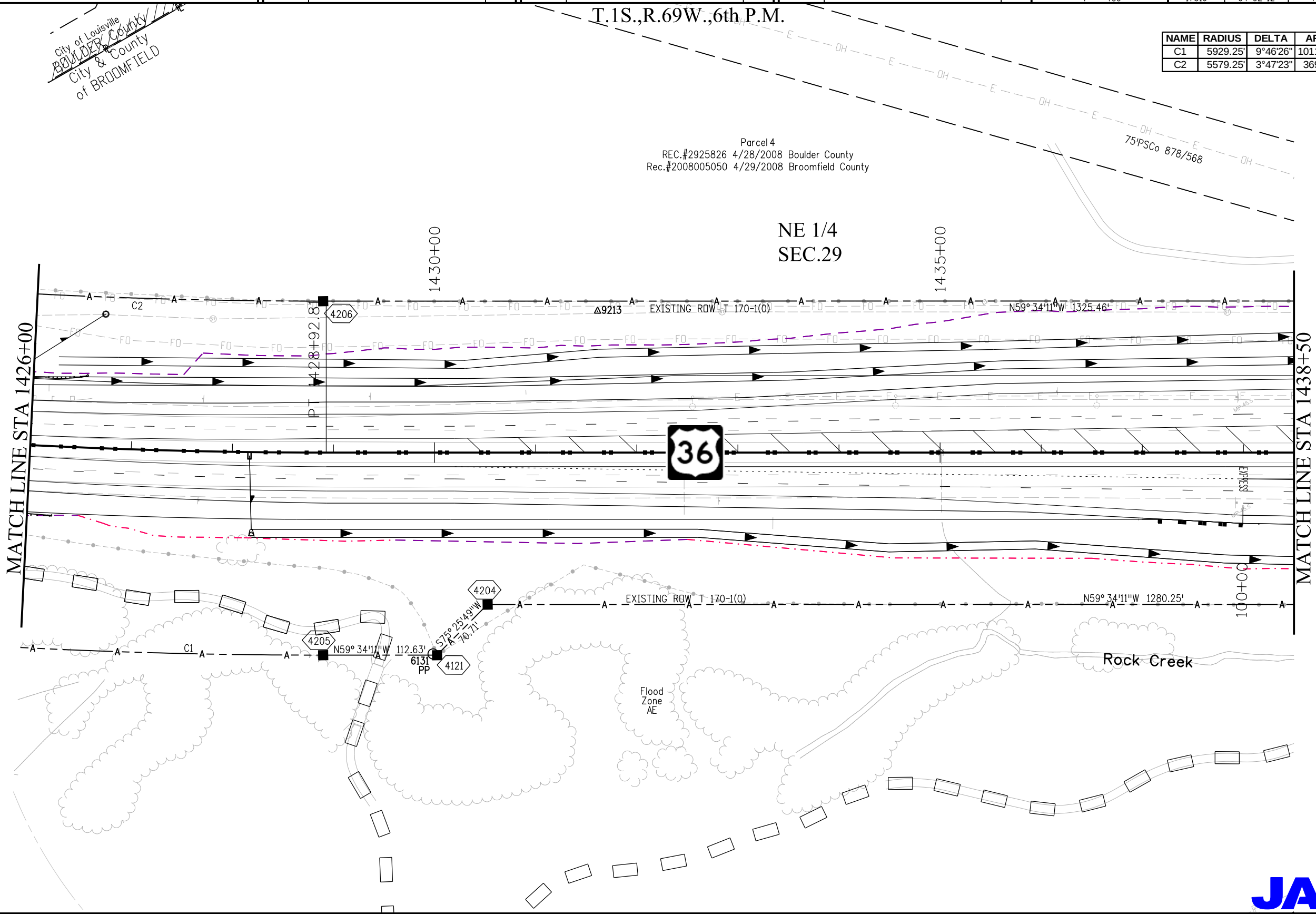


Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code: 17516	Last Mod. Date: 04-02-12	Subset: 7.05 of 7.15	Sheet No.: 7.05

NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	5929.25'	9°46'26"	1011.45'	1010.23'	N54°40'58"W
C2	5579.25'	3°47'23"	369.03'	368.96'	N57°40'29"W



4/11/2012 12:05:03 PM K:\0WV\XW7000-US36CDDT\17516\RDW_Survey\Drawings\17516\RDW_Plan705.dgn



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
07/11/12	add 21F, 21G, 21H Name Change 32, SE-32	MMM
08/23/12	rev 21F, 21G	MMM
12/20/12	rev 32	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

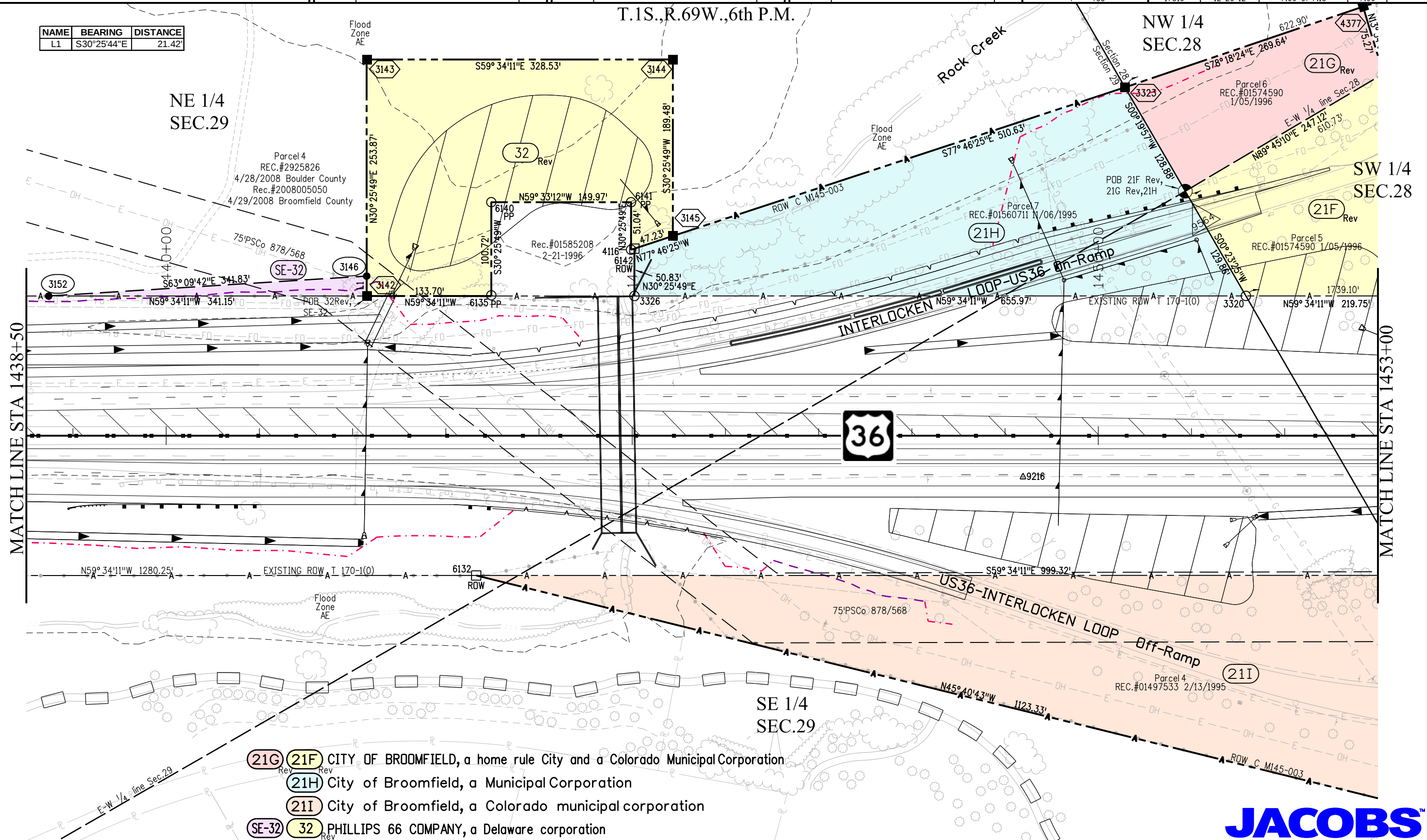
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D
Project Location: 88th St to Wadsworth Pkwy
Secs. 20, 28, 29, 33, 34 T1S, R69W/6th PM
Project Code: Last Mod. Date: Subst Sheet No.
17516 12-20-12 7.06 of 7.15 7.06

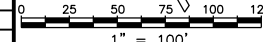


- (21G) (21F) CITY OF BROOMFIELD, a home rule City and a Colorado Municipal Corporation
- (21H) City of Broomfield, a Municipal Corporation
- (21I) City of Broomfield, a Colorado municipal corporation
- (SE-32) (32) PHILLIPS 66 COMPANY, a Delaware corporation

JACOBS™

[illegible]

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet
17516	08-23-12	7.07 of 7.15	7



NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	480.00'	8°38'28"	72.39'	72.32'	S84°09'15"W
C2	1455.00'	7°50'17"	199.05'	198.89'	S83°45'10"W
C3	1455.00'	1°24'49"	35.90'	35.90'	N86°57'54"E

Note 1:
NGS Monument No. M453 resides within the project boundary and within an area subject to construction activities.
It is the contractor's responsibility to protect and replace all control monuments within the project area. All necessary measures must be taken to protect and preserve the monument locations and stability.

JACOBS™

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
07/11/12	add 21E, 21F, 21G, 21H, 21I, sheet 7.07a	MMM
08/23/12	rev 21E, 21F, 21G	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

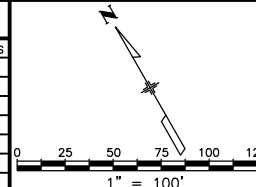
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

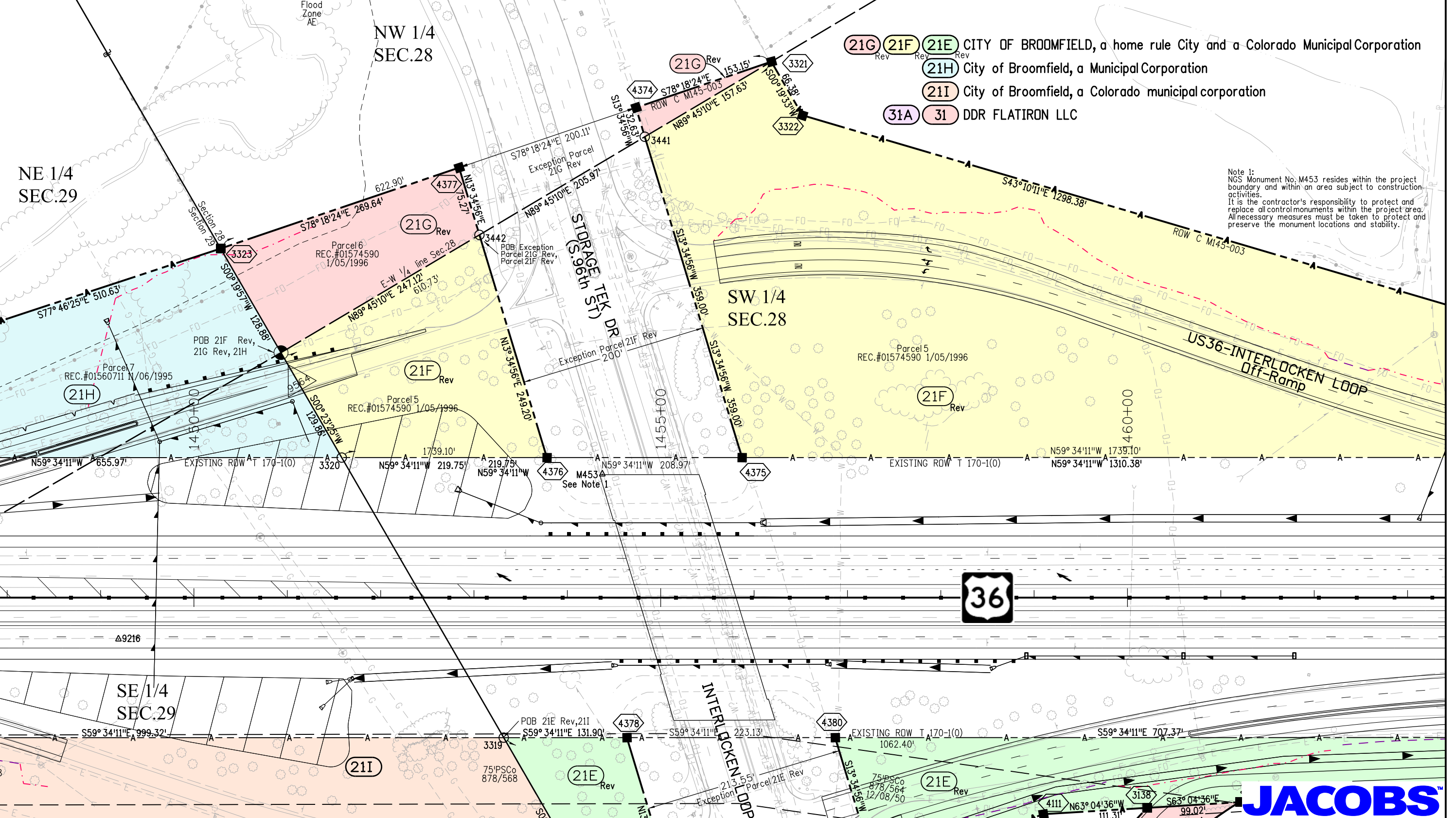
Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D
Project Location: 88th St to Wadsworth Pkwy
Secs. 20, 28, 29, 33, 34 T1S, R69W/6th PM
Project Code: Last Mod. Date Subset Sheet No.
17516 08-23-12 7.07a of 7.15 7.07a



T.1S., R.69W., 6th P.M.



Note 1:
NGS Monument No. M453 resides within the project boundary and within an area subject to construction activities. It is the contractor's responsibility to protect and replace all control monuments within the project area. All necessary measures must be taken to protect and preserve the monument locations and stability.



JACOBS™

8/24/2012 malek.ja 10:44:32 AM K:\0\WV\X\7000-US36CDDT\17516d\RDW_Survey\Drawings\17516d\RDW_Plan707a.dgn

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
06/11/12	Del 30, Add PE-30	MMM
07/11/12	Add 21A, 21B, 21D, 21F	MMM
08/23/12	rev 21A, 21B, 21F	MMM
08/05/13	add PE-40	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

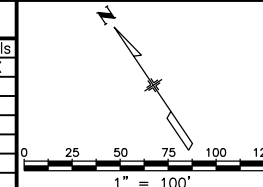
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

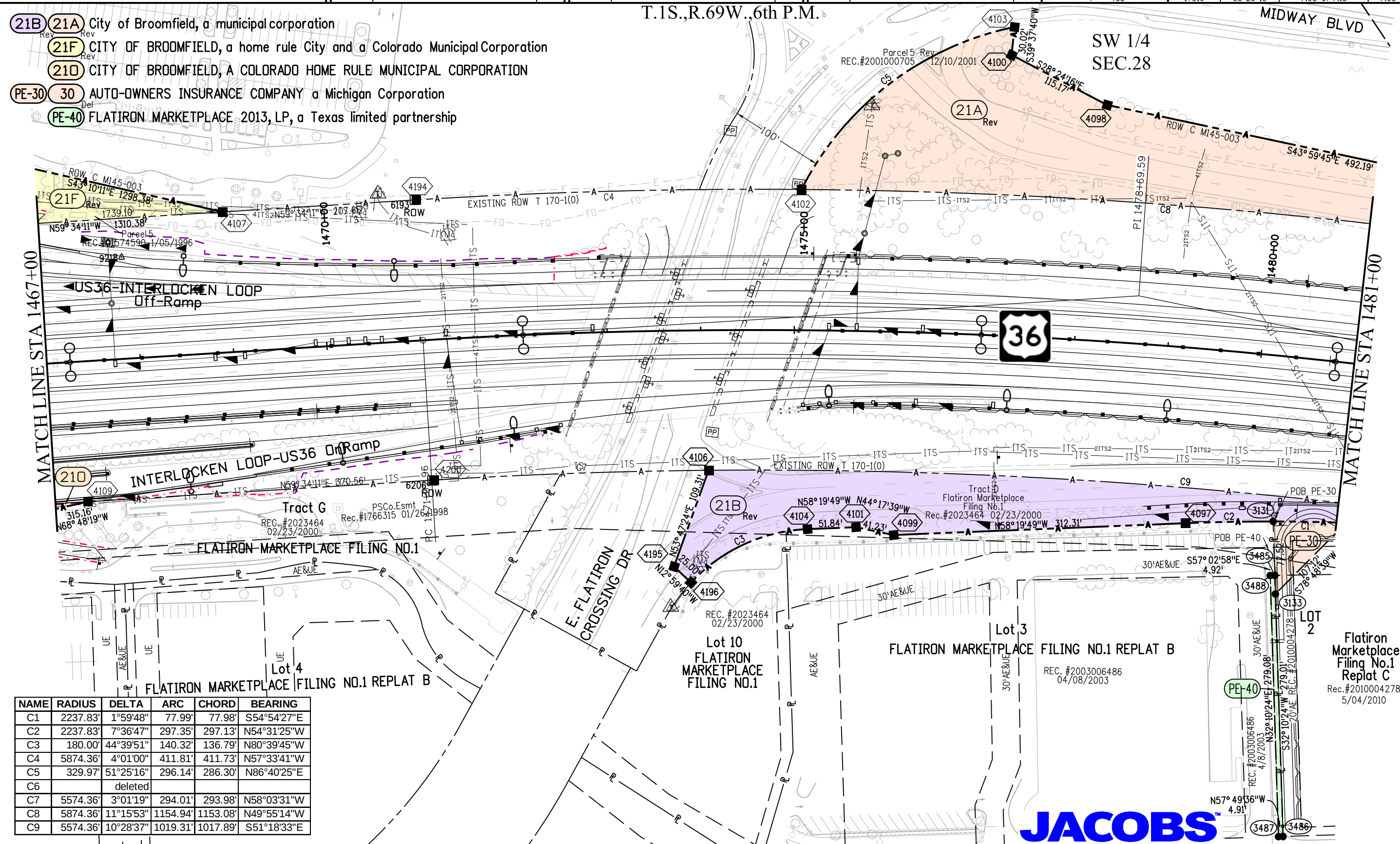
Plan Sheet

Project Number: NH 0361-093, Segment D
Project Location: 88th St to Wadsworth Pkwy
Secs.20,28,29,33,34 T1S,R69W/6th PM
Project Code: Last Mod. Date Subset Sheet No.
17516 08-20-13 7.08 of 7.15 7.08



- (21B) (21A) City of Broomfield, a municipal corporation
(21F) CITY OF BROOMFIELD, a home rule City and a Colorado Municipal Corporation
(21D) CITY OF BROOMFIELD, A COLORADO HOME RULE MUNICIPAL CORPORATION
(PE-30) (30) AUTO-OWNERS INSURANCE COMPANY a Michigan Corporation
(PE-40) FLATIRON MARKETPLACE 2013, LP, a Texas limited partnership

T.1S.,R.69W.,6th P.M.



NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	2237.83'	1°59'48"	77.99'	77.98'	S54°54'27"E
C2	2237.83'	7°36'47"	297.35'	297.13'	N54°31'25"W
C3	180.00'	44°39'51"	140.32'	136.79'	N80°39'45"W
C4	5874.36'	4°01'00"	411.81'	411.73'	N57°33'41"W
C5	329.97'	51°25'16"	296.14'	286.30'	N86°40'25"E
C6	deleted				
C7	5574.36'	3°01'19"	294.01'	293.98'	N58°03'31"W
C8	5874.36'	11°15'53"	1154.94'	1153.08'	N49°55'14"W
C9	5574.36'	10°28'37"	1019.31'	1017.89'	S51°18'33"E

JACOBS

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
06/11/12	Del 30, Add PE-30	MMM
07/11/12	add 21A, 21B	MMM
08/23/12	rev 21A, 21B	MMM

Sheet Revisions

Date	Description	Initials

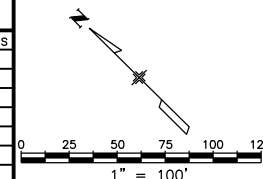
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D
Project Location: 88th St to Wadsworth Pkwy
Secs.20,28,29,33,34 T1S,R69W/6th PM
Project Code: Last Mod. Date Subset Sheet No.
17516 08-23-12 7.09 of 7.15 7.09

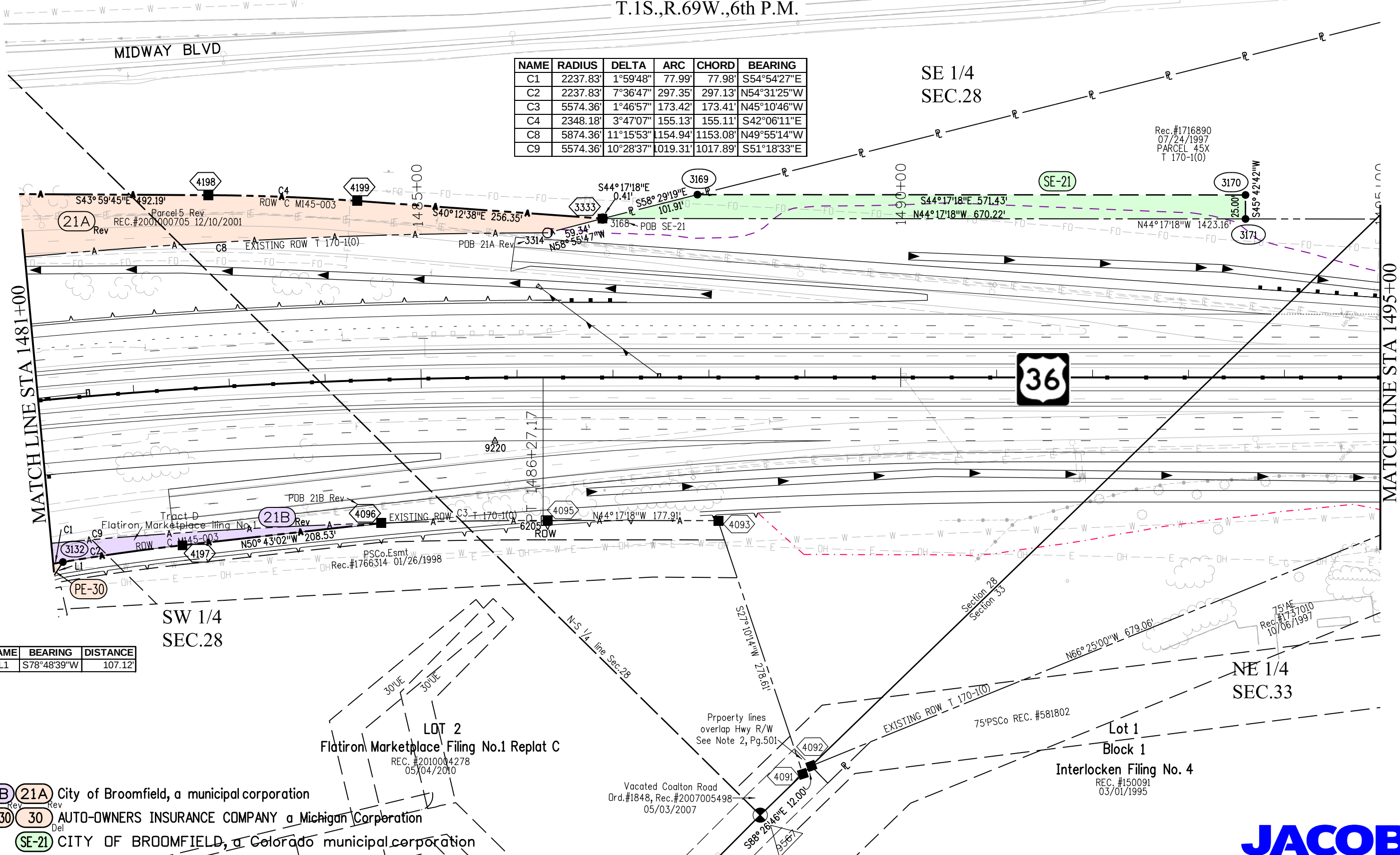


T.1S.,R.69W.,6th P.M.

NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	2237.83'	1°59'48"	77.99'	77.98'	S54°54'27"E
C2	2237.83'	7°36'47"	297.35'	297.13'	N54°31'25"W
C3	5574.36'	1°46'57"	173.42'	173.41'	N45°10'46"W
C4	2348.18'	3°47'07"	155.13'	155.11'	S42°06'11"E
C8	5874.36'	11°15'53"	154.94'	1153.08'	N49°55'14"W
C9	5574.36'	10°28'37"	1019.31'	1017.89'	S51°18'33"E

SE 1/4
SEC.28

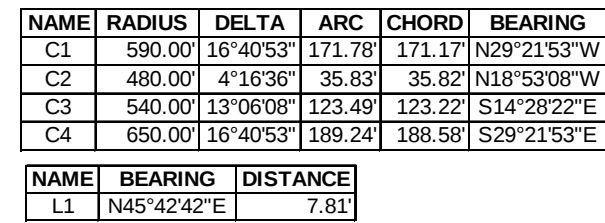
Rec.#1716890
07/24/1997
PARCEL 45X
T 170-1(0)



NAME	BEARING	DISTANCE
L1	S78°48'39"W	107.12'

- (21B) (21A) City of Broomfield, a municipal corporation
- (PE-30) (30) AUTO-OWNERS INSURANCE COMPANY a Michigan Corporation
- (SE-21) CITY OF BROOMFIELD, a Colorado municipal corporation

JACOBS





Sheet Revisions

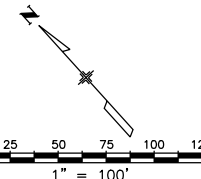
Date mm/dd/yy	Description XXXXXXXX	Initials XXX

Sheet Revisions

Date mm/dd/yy	Description XXXXXXXX	Initials XXX

Sheet Revisions

Date mm/dd/yy	Description XXXXXXXX	Initials XXX



Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.28,29,33,34 T1S,R69W/6th PM			
Project Code: 17516	Last Mod. Date: 04-02-12	Subset: 7.11 of 7.15	Sheet No.: 7.11

T.1S.,R.69W.,6th P.M.

NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	5871.62'	10°37'44"	1089.23'	1087.67'	N49°36'10"W
C2	5621.62'	6°00'23"	589.31'	589.05'	N56°07'46"W
C3	5571.62'	8°27'19"	822.21'	821.46'	N48°30'57"W

NW 1/4
SEC.34

Lot 1

BRAINARD V MINOR SUBDIVISION

REC. #2000569
11/18/1999

INDUSTRIAL LN

Outlot A



MATCH LINE STA 2009+00

MATCH LINE STA 2021+00

Lot 2

Lot 5

NE 1/4
SEC.33

Lot 3

Lot 2

Interlocken Flg. No. 3

REC. #1425201
05/09/1994

Lot 1
Interlocken Flg. No. 11

REC. #1767347
01/30/1998

Interlocken Flg. No. 14

REC. #1939918
05/18/1999

JACOBS™



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

Region 6

SLK

Sheet Revisions

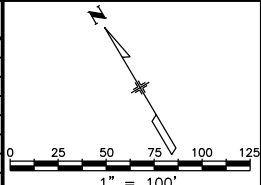
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



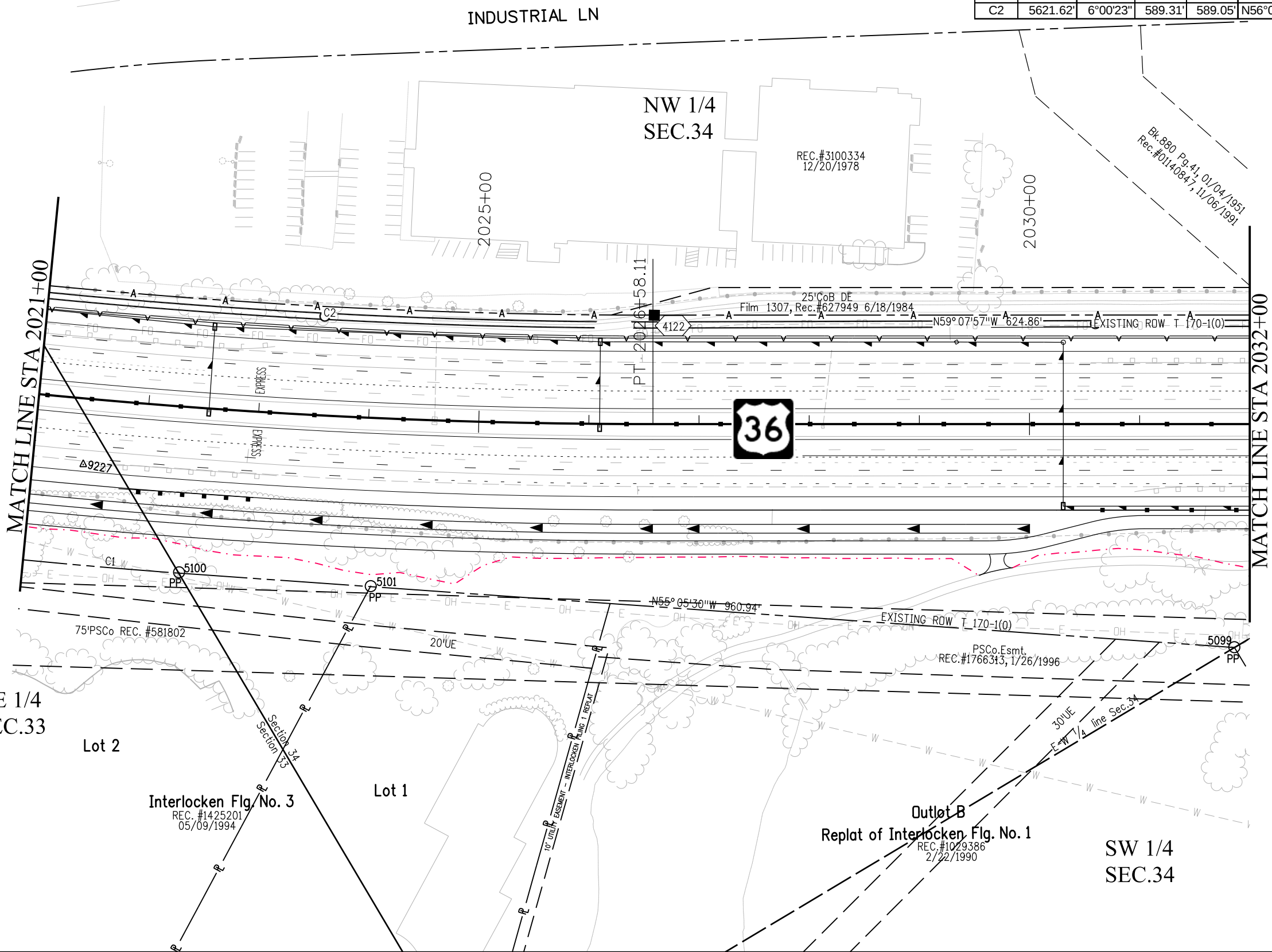
Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code: 17516	Last Mod. Date: 04-02-12	Subset: 7.12 of 7.15	Sheet No.: 7.12

T.1S.,R.69W.,6th P.M.

NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	5871.62'	10°37'44"	1089.23'	1087.67'	N49°36'10"W
C2	5621.62'	6°00'23"	589.31'	589.05'	N56°07'46"W



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
04/02/12	add PE-38, PE-21, del 21D	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

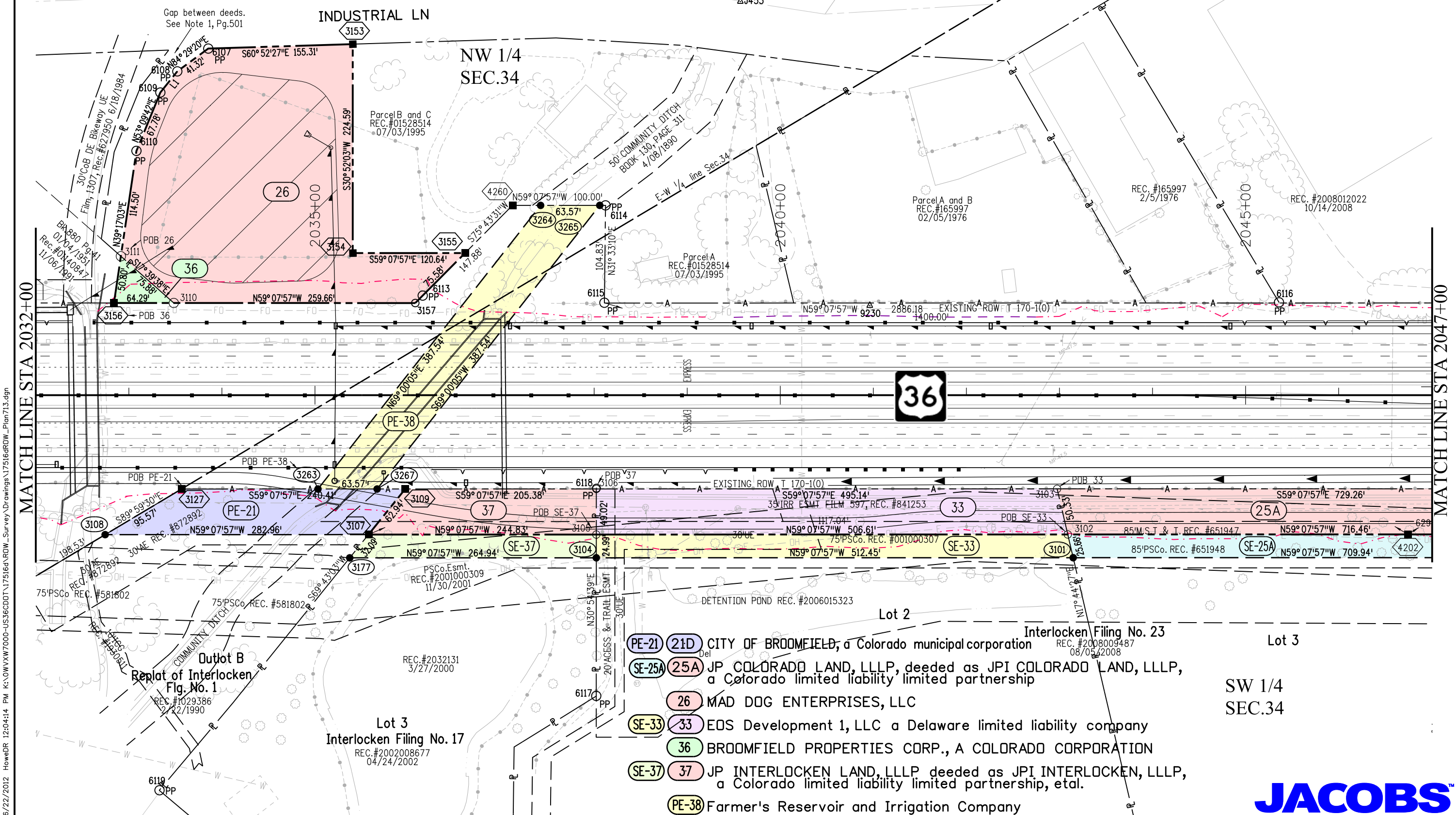
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D
Project Location: 88th St to Wadsworth Pkwy
Secs. 20, 28, 29, 33, 34 T1S, R69W/6th PM
Project Code: 17516
Last Mod. Date: 04-02-12
Subset: 7.13 of 7.15
Sheet No.: 7.13

T.1S., R.69W, 6th P.M.



- (PE-21) (21D) CITY OF BROOMFIELD, a Colorado municipal corporation
- (SE-25A) (25A) JP COLORADO LAND, LLLP, deeded as JPI COLORADO LAND, LLLP, a Colorado limited liability limited partnership
- (26) MAD DOG ENTERPRISES, LLC
- (SE-33) (33) EOS Development 1, LLC a Delaware limited liability company
- (36) BROOMFIELD PROPERTIES CORP., A COLORADO CORPORATION
- (SE-37) (37) JP INTERLOCKEN LAND, LLLP deeded as JPI INTERLOCKEN, LLLP, a Colorado limited liability limited partnership, etal.
- (PE-38) Farmer's Reservoir and Irrigation Company

SW 1/4
SEC.34

JACOBS

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
04/02/12	Name Change SE-23	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

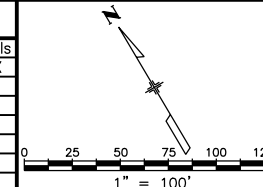
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

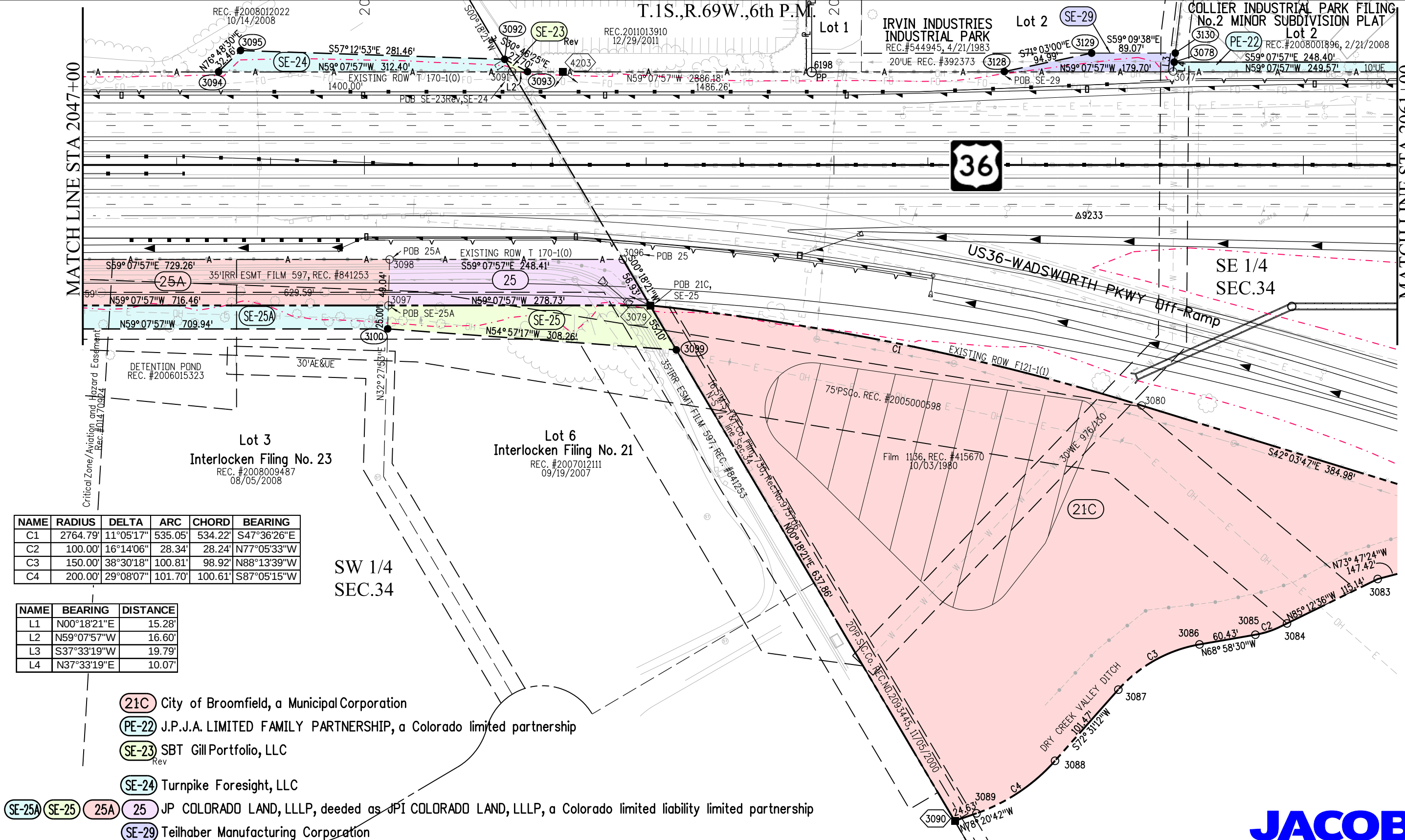
Project Number: NH 0361-093, Segment D
Project Location: 88th St to Wadsworth Pkwy
Secs.20,28,29,33,34 T1S,R69W/6th PM
Project Code: 17516
Last Mod. Date: 04-02-12
Subset: 7.14 of 7.15
Sheet No.: 7.14



T.1S.,R.69W.,6th P.M.

MATCHLINE STA 2047+00

MATCHLINE STA 2061+00



NAME	RADIUS	DELTA	ARC	CHORD	BEARING
C1	2764.79'	11°05'17"	535.05'	534.22'	S47°36'26"E
C2	100.00'	16°14'06"	28.34'	28.24'	N77°05'33"W
C3	150.00'	38°30'18"	100.81'	98.92'	N88°13'39"W
C4	200.00'	29°08'07"	101.70'	100.61'	S87°05'15"W

NAME	BEARING	DISTANCE
L1	N00°18'21"E	15.28'
L2	N59°07'57"W	16.60'
L3	S37°33'19"W	19.79'
L4	N37°33'19"E	10.07'

- (21C) City of Broomfield, a Municipal Corporation
- (PE-22) J.P.J.A. LIMITED FAMILY PARTNERSHIP, a Colorado limited partnership
- (SE-23) SBT Gill Portfolio, LLC
- (SE-24) Turnpike Foresight, LLC
- (SE-25A) (SE-25) (25A) (25) JP COLORADO LAND, LLLP, deeded as JPI COLORADO LAND, LLLP, a Colorado limited liability limited partnership
- (SE-29) Teilhaber Manufacturing Corporation

JACOBS™

Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

Date mm/dd/yy	Description XXXXXXXX	Initials XXX

Sheet Revisions

Date mm/dd/yy	Description XXXXXXXX	Initials XXX

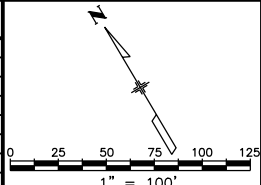
Sheet Revisions

Date mm/dd/yy	Description XXXXXXXX	Initials XXX

Right of Way Plans

Plan Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
17516	04-02-12	7.15 of 7.15	7.15



T.1S.,R.69W.,6th P.M.

Lot 4

NAME	BEARING	DISTANCE
L1	S30°53'26"W	10.00'

FOSTER INDUSTRIAL
PARK REPLAT

REC. #01471441
10/18/1994

Lot 2

FOSTER INDUSTRIAL PARK FILING No.2

REC. #1944303
5/28/1999

2065+00

2070+00

2075+00

PE-22

3075

3074

POB PE-22

EXISTING ROW

170-1(0)

1486.26'

6196

PP

189

ROW

301

PP

REC. #1944303
5/28/1999

6195

PP

189

ROW

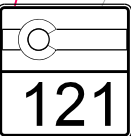
301

PP



SE 1/4
SEC.34

WADSWORTH PKWY



21C

Film 1136

REC. #415670

10/03/1980

N73°47'24"W

147.42'

S42°03'47"E

384.98'

3081

43.31'

3082

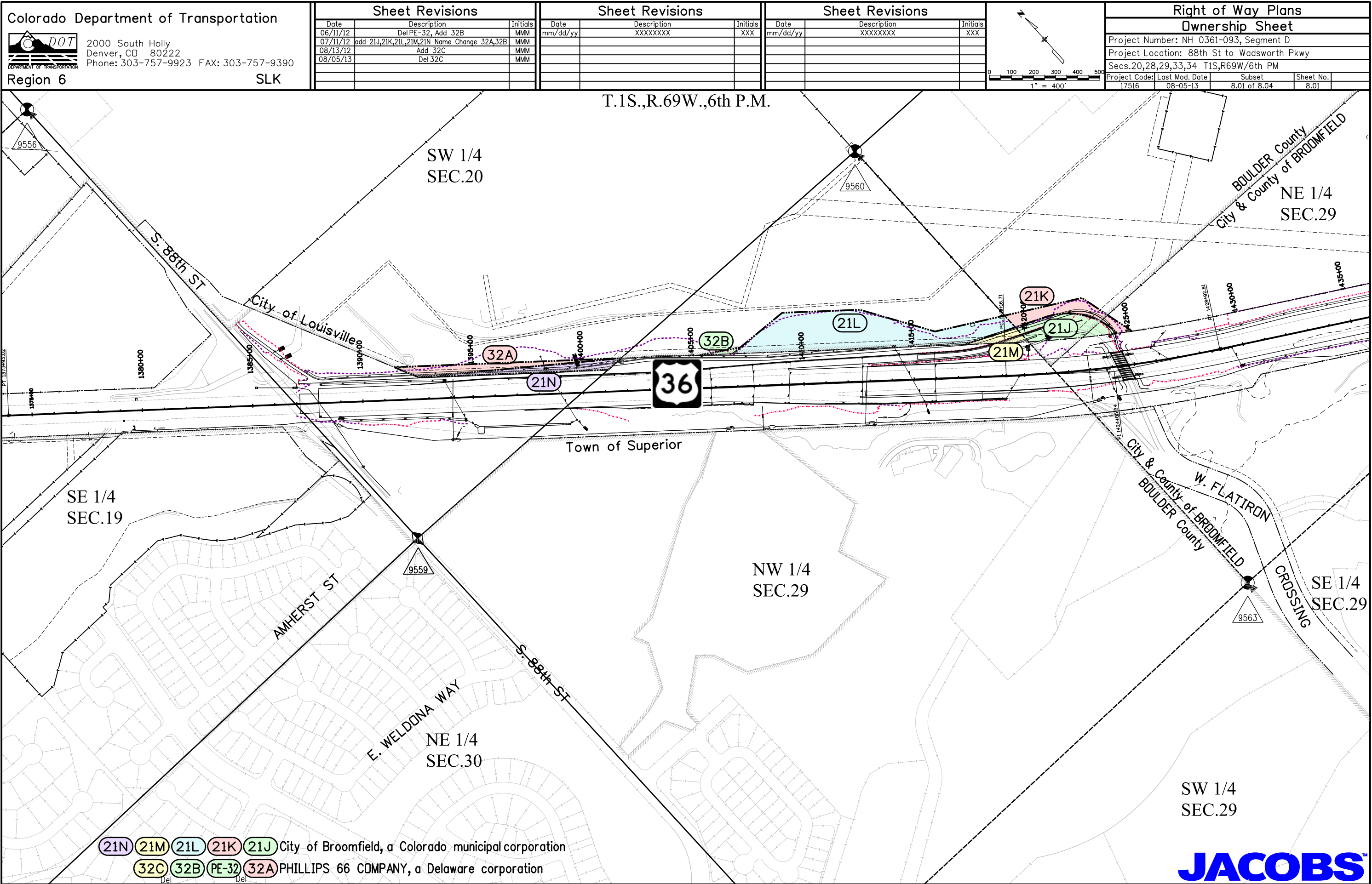
S06°08'04"E

EXISTING ROW

21C City of Broomfield, a Municipal Corporation

PE-22 J.P.J.A. LIMITED FAMILY PARTNERSHIP, a Colorado limited partnership

JACOBS™



Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

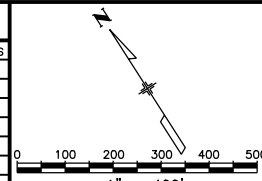
Date	Description	Initials
06/11/12	Del PE-32, Add 32B	MMM
07/11/12	add 21E, 21F, 21G, 21H, 21J, 21L, 21M, 21N, Name Change 32, 32A, 32B, SE-32	MMM
08/13/12	Add 32C	MMM
08/23/12	rev 21E, 21F, 21G	MMM
12/20/12	rev 32	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

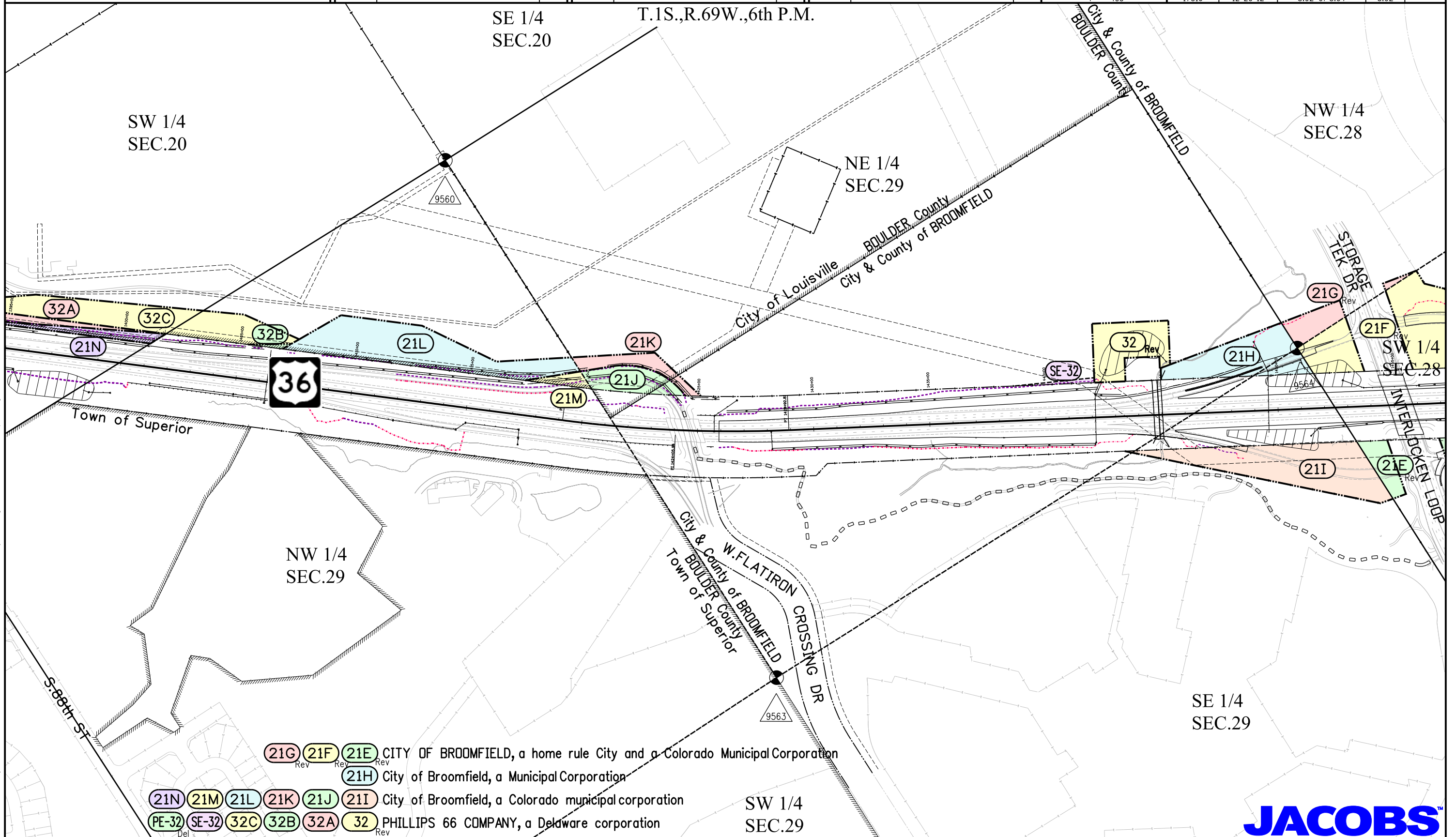
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Right of Way Plans

Ownership Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs. 20, 28, 29, 33, 34 T1S, R69W/6th PM			
Project Code:	Last Mod. Date:	Subset	Sheet No.
17516	12-20-12	8.02 of 8.04	8.02



- 21G, 21F, 21E CITY OF BROOMFIELD, a home rule City and a Colorado Municipal Corporation
- 21H City of Broomfield, a Municipal Corporation
- 21N, 21M, 21L, 21K, 21J, 21I City of Broomfield, a Colorado municipal corporation
- PE-32, SE-32, 32C, 32B, 32A, 32 PHILLIPS 66 COMPANY, a Delaware corporation



12/20/2012 malek ja 7:42:10 AM K:\0WV\X\7000-US36\CDOT\17516\RDW_Survey Drawings\17516\RDW_Ownership802.dgn

Colorado Department of Transportation



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

Region 6

SLK

Sheet Revisions

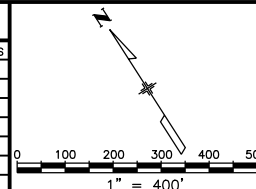
Date	Description	Initials
06/11/12	Del 30, Add PE-30	MMM
07/11/12	add 21A,21B,21E,21F,21G,21I,21O	MMM
08/23/12	rev 21A, 21B, 21E 21F, 21G	MMM
08/05/13	add PE-40	MMM

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Right of Way Plans

Ownership Sheet

Project Number: NH 0361-093, Segment D			
Project Location: 88th St to Wadsworth Pkwy			
Secs.20,28,29,33,34 T1S,R69W/6th PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
17516	08-05-13	8.03 of 8.04	8.03

T.1S.,R.69W.,6th P.M.

NW 1/4
SEC.28

SE 1/4
SEC.28

NE 1/4
SEC.33

NW 1/4
SEC.33

- (21B) (21A) City of Broomfield, a municipal corporation
- (21G) (21F) (21E) CITY OF BROOMFIELD, a home rule City and a Colorado Municipal Corporation
- (21I) City of Broomfield, a Colorado municipal corporation
- (21O) CITY OF BROOMFIELD, A COLORADO HOME RULE MUNICIPAL CORPORATION
- (SE-21) CITY OF BROOMFIELD, a Colorado municipal corporation
- (27A) (27) CAREY TECHNOLOGY PROPERTIES II, LLC, A DELAWARE LIMITED LIABILITY COMPANY
- (SE-28) TANA OIL AND GAS, L.L.C., a Delaware limited liability company
- (PE-30) (30) AUTO-OWNERS INSURANCE COMPANY a Michigan Corporation
- (31A) (31) DDR FLATIRON LLC
- (PE-40) FLATIRON MARKETPLACE 2013, LP, a Texas limited partnership

JACOBS™

