



Sheet Revisions

Date	Description	Initials
11/22/10	Sheets 4.01 & 4.02	ddh
04/15/11	Sheets 2.01 & 2.02	ddh

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



Right of Way Plans

Title Sheet				
Project Number: BR R600-297				
Project Location: I-25/Bronco Arch Bridge Replacement				
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver				
Project Code:	Last Mod. Date	Subset	Sheet No.	
16212	04-15-11		1.01	

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED
FEDERAL AID PROJECT NO. BR R600-297
STATE HIGHWAY NO. 25
CITY & COUNTY OF DENVER

SHEET NO.

1.01
2.01-2.02
3.01-3.03
4.01-4.02
5.01-5.03
6.01

INDEX OF SHEETS

(1) Title Sheet
(2) Tabulation of Properties
(3) Land Survey ControlDiagram
(2) Monumentation Sheets
(3) Plan Sheets
(1) Ownership Sheet

(12) Total Sheets

Scale of Original11x17 Drawings

Plan Sheets 1"=50'

Ownership Sheet 1"=200'

TITLE SHEET NOTES:

1. BASIS OF BEARINGS: Bearings are Grid bearings of the Colorado coordinate system of 1983, central zone. The line between the southeast corner of Section 32, Township 3 South, Range 68 West of the Sixth Principal Meridian, marked by a 3-1/4" aluminum cap "MERRICK & COMPANY", and the northeast corner of said Section 32, marked by a 2" brass disc "LS 28668", bears N00°17'43"W, a distance of 5278.67 feet.
- 2 For Surveyor's Statement and General Notes, see Sheet 4.01

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED:

DATE

DIVISION ADMINISTRATOR

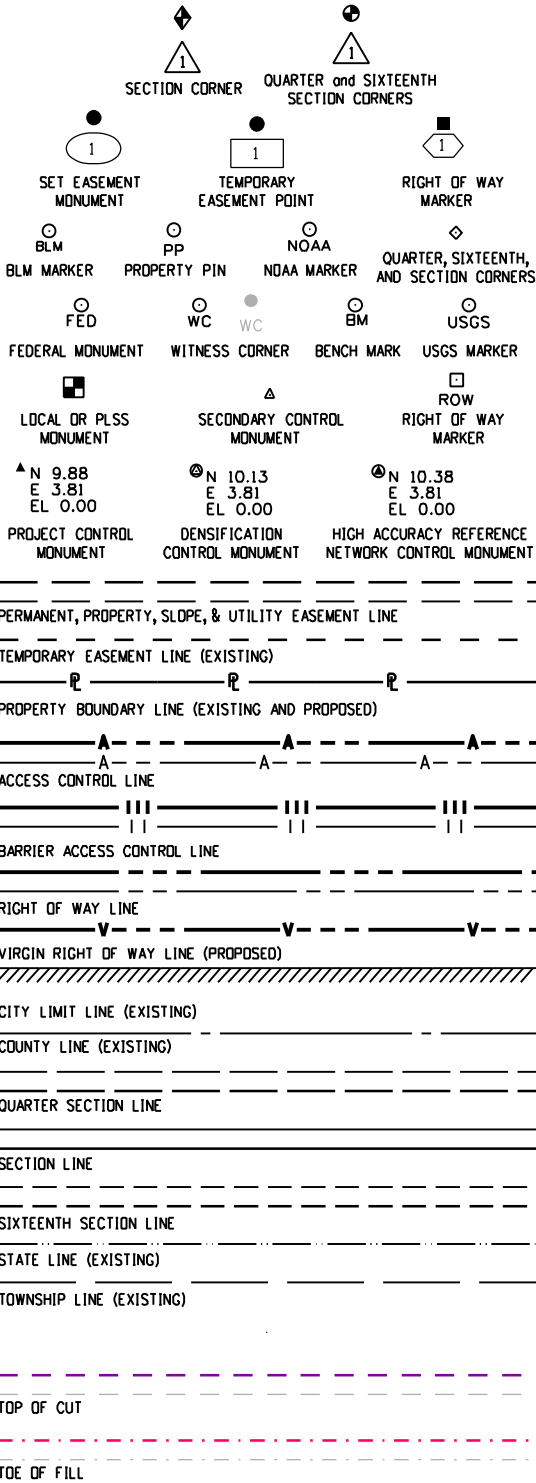
CITY AND COUNTY OF DENVER DEPOSITING CERTIFICATE:

Deposited this_____ day of _____ 201__ at _____

o'clock __.M. under Reception No. _____.

By: _____

Title: _____



Note: For a complete listing and symbololgy used within this set of plans. Please refer to the Colorado Department of Transportation M&S Standards Publication dated July 2006.
Existing features shown as screened weight (gray scale), except as noted with the word (existing). Proposed or new features shown as full weight without screening, except as noted with the word (proposed).

R.O.W. Length of Project = 0.26 Miles

Const. Length of Project = 0.81 Miles

End Const Project
Station: 141+75
M.P.: 211.03

Begin Const Project
Station: 99+11
M.P.: 210.22

End RDW Project
Station: 129+12
M.P.: 210.79

Begin RDW Project
Station: 115+10
M.P.: 210.53



PROJECT LOCATION MAP



[illegible]

[illegible]



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 FAX: 303-757-9390

Region 6

SLK

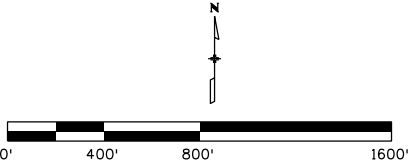
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXX	XXX

Land Survey Control Diagram

Title Sheet

Project Number: BR R600-297			
Project Location: I-25/Bronco Arch Bridge			
Sec. 32 & 33, T3S, R68W/6th PM, Denver, CO			
Project Code:	Last Mod. Date	Subset	Sheet No.
16212	08-16-10	1 of 3	3.01



GENERAL NOTES:

- This **Land Survey Control Diagram** is to document the recovery and/or establishment of survey control points that will be the basis of future surveys for design purposes, right-of-way acquisitions, monumentation, and/or roadway construction. This Land Survey Control Diagram is not a Monumented Land Survey or Boundary Survey and does not address matters of title. No analysis was made to determine the status or validity of recovered monuments.
- BASIS OF BEARINGS:** All bearings shown herein are Grid bearings of the Colorado coordinate system of 1983, central zone. The line between the southeast corner of Section 32, Township 3 South, Range 68 West of the Sixth Principal Meridian, marked by a 3-1/4" aluminum cap "MERRICK & COMPANY", and the northeast corner of said Section 32, marked by a 2-1/2" brass disc in driveway apron "LS 28668", bears N00°17'43"W, a distance of 5278.67 feet.
- Geodetic coordinates are NAD '83 (1992) datum based on a fast static GPS survey holding published values on the primary control points shown herein.
- Project specific** coordinates were obtained by multiplying the project's state plane coordinates by 1.0002472900 and then truncating the northing by 1,000,000 and the easting by 3,000,000. Published units are in US survey feet: 1 survey foot = (1200/3937) meters
- Horizontal Control Tolerances meet the precision requirements of CDOT type A control (+/- 0.07' with 95% certainty).
- Vertical Datum: Elevations are NAVD '88 Datum established by differential levels from NGS horizontal control point "ARGO" (PID AE5245), elevation = 5136.34' (based on **preliminary** data from US-36/I-70 EIS control survey), through CDOT control point 332, elevation = 5195.13'.
- Elevations on control points were established by electronic differential levels with an accuracy meeting or exceeding 0.035' times the square root of the distance leveled in miles.

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, Donald D. Hansen, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that 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.

Donald D. Hansen, PLS No. 14599 Date

CITY AND COUNTY OF DENVER DEPOSITING CERTIFICATE:

Deposited this _____ day of _____, 201__ at _____

o'clock ____M. under Reception No. _____.

By: _____

Title: _____

hansen dd 5:12:56 PM C:\Projects\16212\RDW_Survey\Drawings\16212SURV_Title\SC03-01.dgn



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 FAX: 303-757-9390

Region 6

SLK

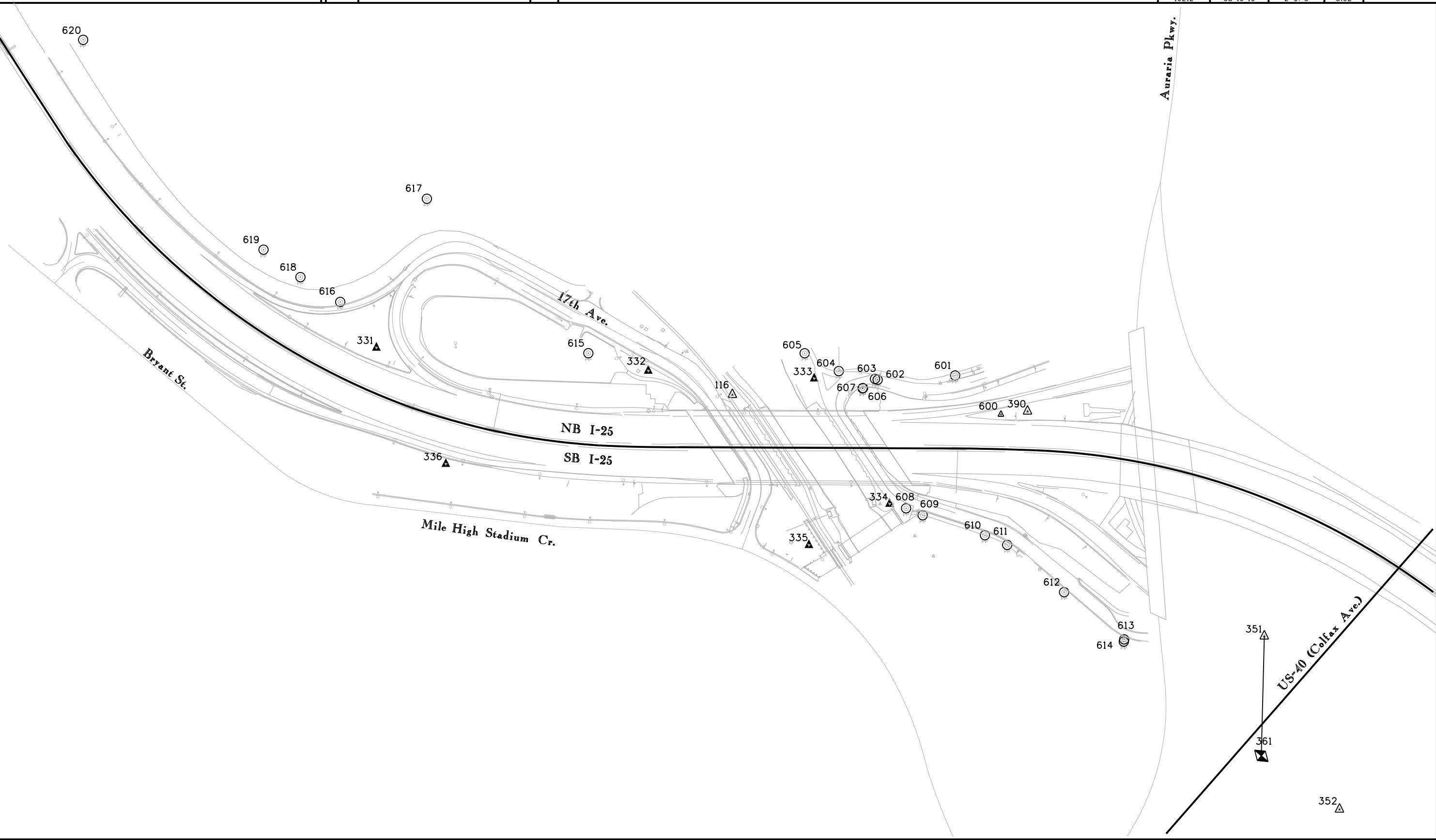
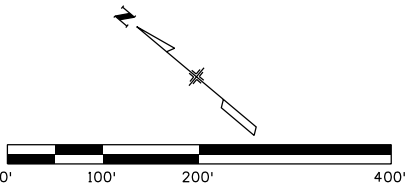
Sheet Revisions

Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Land Survey Control Diagram

Plan Sheet

Project Number: BR R600-297			
Project Location: I-25 / Bronco Arch Bridge Replacement			
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver			
Project Code:	Last Mod. Date:	Subset:	Sheet No.
16212	08-16-10	2 of 3	3.02



Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Land Survey Control Diagram

PLAN SHEET

Project Number: BR R600-297				
Project Location: I-25/Bronco Arch Bridge				
Sec. 32 & 33, T3S, R68W/6th PM, Denver, CO				
Project Code:	Last Mod. Date	Subset	Sheet No.	
16212	05-11-09	3 of 3	3.03	

Existant Control Points used in constraining Fast Static GPS Survey (Published elevations)

Name	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (SP-502)	Easting (SP-502)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Description
15	39°46'08.95345"N	104°59'46.67589"W	5124.95	0°19'03.6"	1705437.159	3141592.304	15	705858.897	142369.189	5181.00	3.25" CDOH Alum. cap in logo box "4.038007" (CDOT R6 Metro Network point)
70	39°44'34.68937"N	105°00'03.94511"W	5152.73	0°18'52.8"	1695891.615	3140296.243	70	696310.992	141072.807	5208.69	HARN point, 5/8" stainless steel rod in logo box "MCDONNELL 1991 " PID - KK2099
71	39°41'30.20295"N	104°56'17.89912"W	5391.46	0°21'15.3"	1677327.782	3158068.705	71	677742.568	158849.664	5448.05	HARN point, 5/8" stainless steel rod in logo box TRANSPORTATION PID - AE5253
354	39°45'17.24237"N	105°00'57.01764"W	5193.78	0°18'19.3"	1700174.898	3136127.651	354	700595.334	136903.184	5249.54	2" Brass disk "FHEC T3S R38W 28 27 32 33 1993 LS 28668", from Project Code 15790
DU	39°40'28.29695"N	104°57'47.69959"W	5351.20	0°20'18.7"	1671021.570	3151086.047	DU	671434.797	151865.279	5407.30	Compass Tools Inc. base station at Denver University
P041	39°56'58.15000"N	105°11'39.31684"W	5674.88	0°11'34.2"	1770881.432	3085725.360	P041	771319.353	86488.429	5727.96	P041 (MARSHALL FIELD CORS ARP) NAD'83 (CORS) 2002, PID - DG7429

Local site settings

Project latitude: 39°44'34.68938"N
Project longitude: 105°00'03.94511"W
Project height: 5152.795sft
Ground scale factor: 1.0002472900
False northing offset: 999580.623sft
False easting offset: 2999223.436sft

Project Control Points, coordinates established with Fast Static GPS Survey (Benched elevations)

Name	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (SP-502)	Easting (SP-502)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Description
116	39°44'38.63976"N	105°00'58.68120"W	5135.45	0°18'18.2"	1696268.210	3136018.524	116	696687.680	136794.031	5191.20	frnd 2" Alum. Cap "WESTERN STATES SURVEYING, INC. 116"
331	39°44'45.10215"N	105°01'03.94171"W	5147.76	0°18'14.9"	1696919.920	3135604.146	331	697339.551	136379.550	5203.48	set CDOT type 2 mon. w/3-1/4" Alum. Cap "CP 331"
332	39°44'40.34287"N	105°00'59.65005"W	5139.39	0°18'17.6"	1696440.136	3135941.929	332	696859.649	136717.416	5195.13	set CDOT type 2 mon. w/3-1/4" Alum. Cap "CP 332"
333	39°44'37.52431"N	105°00'56.89575"W	5134.76	0°18'19.4"	1696156.087	3136158.591	333	696575.529	136934.131	5190.51	set CDOT type 2 mon. w/3-1/4" Alum. Cap "CP 333"
334	39°44'34.58930"N	105°00'58.22603"W	5137.61	0°18'18.5"	1695858.555	3136056.261	334	696277.924	136831.777	5193.35	set CDOT type 2 mon. w/3-1/4" Alum. Cap "CP 334"
335	39°44'35.34900"N	105°01'00.51710"W	5138.78	0°18'17.1"	1695934.473	3135876.891	335	696353.860	136652.362	5194.50	set CDOT type 2 mon. w/3-1/4" Alum. Cap "CP 335"
336	39°44'42.38810"N	105°01'05.18422"W	5155.62	0°18'14.1"	1696644.784	3135508.551	336	697064.348	136283.931	5211.33	set CDOT type 2 mon. w/3-1/4" Alum. Cap "CP 336"

Project Control Points, coordinates established with Fast Static GPS Survey (GPS derived elevations)

Name	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (SP-502)	Easting (SP-502)	Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Description
351	39°44'26.66197"N	105°00'54.44491"W	5136.58	0°18'20.9"	1695058.007	3136355.897	351	695477.178	137131.486	5192.33	set CDOT type 6 mon. w/1-1/2" Alum. Cap "351"
352	39°44'23.07963"N	105°00'56.79118"W	5137.03	0°18'19.4"	1694694.553	3136174.549	352	695113.634	136950.094	5192.76	set CDOT type 6 mon. w/1-1/2" Alum. Cap "352"
390	39°44'33.58705"N	105°00'53.84268"W	5158.57	0°18'21.3"	1695758.969	3136399.199	390	696178.313	137174.799	5214.33	set CDOT type 6 mon. w/1-1/2" Alum. Cap "351"

Recovered control/property pin evidence (double base RTK, GPS derived elevation)

Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Description
600	696217.96	137132.87	5215.53	3-1/4" CDOT Alum. cap "4.016023"
601	696347.37	137133.87	5191.25	1-1/2" Alum. Cap "LS 13155"
602	696469.10	137019.72	5190.40	pk nail w/ washer "PLS 13155 MERRICK & CO."
603	696474.72	137017.52	5190.41	pk nail w/ washer "PLS 13155 MERRICK & CO."
604	696545.15	136980.34	5190.70	2" Alum. Cap "PLS 13155 MERRICK & CO."
605	696626.13	136962.54	5189.47	2" Alum. Cap "GEOSURV CONTROL POINT"
606	696481.65	136985.81	5197.23	2" Brass Cap
607	696482.32	136984.81	5196.94	nail w/ washer "LS 13155"
608	696244.50	136847.21	5195.18	1" Brass Cap "HCE LS 24669"
609	696207.50	136858.71	5194.14	1-1/2" Alum. Cap "LS 13155 MERRICK & CO"
610	696077.34	136911.84	5192.67	pk nail w/ washer "PLS 13155 MERRICK & COMPANY"
611	696027.25	136926.71	5192.49	pk nail w/ washer "PLS 13155 MERRICK & COMPANY"
612	695868.12	136927.44	5191.01	1-1/2" Alum. Cap "PLS 13155 MERRICK & CO"
613	695703.74	136932.73	5191.05	pk nail w/ washer "PLS 13155 MERRICK & COMPANY"
614	695701.18	136928.39	5191.06	1-1/2" Alum. Cap "PLS 13155 MERRICK & CO"
615	696982.62	136663.53	5194.05	1-1/2" Alum. Cap "DENVER CITY ENGINEER BM 577"
616	697462.39	136404.93	5200.16	1-1/4" Yellow cap "L.P.I. PLS 23521"
617	697462.27	136694.89	5197.76	1-1/4" Yellow cap illegible
618	697562.26	136390.82	5208.26	1-1/4" Yellow cap "L.P.I. PLS 23521"
619	697661.04	136385.02	5209.87	1-1/4" Yellow cap "L.P.I. PLS 23521"
620	698248.56	136481.55	5204.89	1-1/4" Yellow cap "L.P.I. PLS 23521"

Aliquot control, conventional survey methods from Fast Static GPS control, GPS derived elevations

Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Description
361	695316.737	136930.378	5193.35	3-1/4" Aluminum Cap "Merrick & Company"

Aliquot evidence, reference points, double based RTK, or conventional survey methods from double based RTK established control, GPS derived elevations

Name	Northing (Project)	Easting (Project)	Elevation NAVD'88	Description
621	695340.350	134318.140	5253.59	1" Brass Tag "LS 11434" in median curb under Federal Blvd. Bridge
622	695292.365	134313.525	5253.11	1" Brass Tag "LS 11434" in sidewalk under Federal Blvd. Bridge
623	695289.045	134270.810	5254.30	1" Brass Tag "LS 11434" in sidewalk under Federal Blvd. Bridge
624	695336.705	134266.790	5255.00	1" Brass Tag "LS 11434" in median curb under Federal Blvd. Bridge
625	697986.070	134321.960	5286.66	1" hole in conc. sidewalk at NE quadrant 20th Ave. & Federal Blvd.
626	700656.620	136874.430	5249.92	2" Brass Cap "104" in curb at NW quadrant 26th Ave. & Zuni St.
627	700552.705	136867.520	5252.02	"x" in conc. base of sign "Diamond Hill"

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 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

Monumentation Sheet

Project Number: BR R600-297				
Project Location: I-25/Bronco Arch Bridge Replacement				
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver				
Project Code:	Last Mod. Date	Subset	Sheet No.	Authorized
16212	08-16-10	1 of 2	4.01	MM-DD-YY

EXISTING RIGHT-OF-WAY POINTS, to be marked with CDOT Type 1 monument (unless noted otherwise) stamped with point no., project code, and PLS No. of Field Surveyor (circle centers (cc) not to be staked)

Name	Northing	Easting	(Location) Description
1892	696203.9319	136870.7075	I-25 8756-374
2163	696521.6408	136953.2586	ELITCH-CDOT A
cc2340	696939.1152	135939.8577	West Side Line-10 cc
2341	696748.3738	136795.8127	I-25 EROW
2342	696835.7412	136796.7521	I-25 EROW
2370	696244.0711	136847.3917	301A REV BRMU 0033
cc2371	696274.5862	137009.5454	301A REV BRMU 0033 cc
2372	696212.3036	136856.7518	301A REV BRMU 0033
2379	696255.6140	136850.7949	301A REV BRMU 0033

RIGHT-OF-WAY POINTS, to be marked with CDOT Type 1 monument (unless noted otherwise) stamped with point no., project code, and PLS No. of Field Surveyor

Name	Northing	Easting	(Location) Description
2133	697513.7671	136397.7486	Parcel 4
2134	697462.2276	136470.9630	Parcel 4

PERMANENT EASEMENT POINTS, to be marked with CDOT Type 1 monument (unless noted otherwise) stamped with point no., project code, and PLS No. of Field Surveyor

Name	Northing	Easting	(Location) Description
1897	696410.5342	136683.5435	I-25-C&SRY-PE TE-2
3001	696268.5114	136870.3749	PE-2A
3003	696264.1931	136868.9609	PE-2A
3005	696467.2697	136700.0930	PE-2
3013	696511.0626	136949.7950	PE-2B
3017	696708.2055	136785.8612	PE-3
3043	696826.3149	136864.8991	PE-2E
3044	696796.5978	136860.7889	PE-2E
3047	696805.4998	136796.4269	PE-2D

QUANTITY OF MONUMENTS TO BE SET

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

LAND SURVEYOR NOTES:

- A. **Methodology:** The criteria used and the procedures in re-establishing the existing (2009) right-of-way lines for Interstate Highway No. 25 (SH-25) and adjoining ownership lines for CDOT Project BR R600-297, are as follows:
- The section line between Section 32 and 33, Township 3 South, Range 68 West of the Sixth Principal Meridan, monumented at the south end by a 3-1/4” aluminum cap “MERRICK & CO 1988” and at the north end by a 2” brass disc “FHEC 1993 LS 28668” was held as the primary control line.
 - The south sixteenth corner between sections 32 and 33 was established per Map of Official City Survey of PLATTE PARK filed under Reception No. 654940 on May 24, 1949 in Book E28 at page 19, while the center-south sixteenth corner of Section 32 was established at the midpoint of the line between the south quarter corner determined from reference ties and the center quarter corner calculated from coordinates shown on Land Survey Plat by Frasier & Halbe Engineering Company deposited in Land Survey Plats under Reception No. L001407 (Book 16, page 57).
 - The Official Channel of the South Platte River was calculated from Denver Ordinance 117 of 1910.
 - The right-of-way lines of the West Bank Railroad (formerly the Colorado and Southern Railway), Parcels 9 and 10 were calculated from the Right-of-Way Survey for The Regional Transportation District by Lund Partnership Inc., RTD Contract No. 19-RY-003. The sidelines of those parcels were lengthened or shortened to begin/terminate on the line between sixteenth corners described in note 2 above. Where the description for I-25 excepted the what was obviously the West Bank Railroad through Block 16 of RIVER FRONT IN THE TOWN OF HIGHLANDS using alignment and curve data from the Colorado and Southern Station Map No. 4, the Lund Partnership survey data (with a much shorter curve radius) was held for these Plans.
 - In determining the original I-25 right-of-way lines through West Denver (southwest quarter of Section 33), the surveyor relied on block information shown a City and County of Denver Control Diagram by Merrick & Company deposited in Book 6 at page 55 of Land Surveys under Reception No. L000538. Coordinates were rotated/translated to Project values of the southwest corner of Section 33 and bearing of the west line of the section. No proration was applied although Merrick’s west line is 0.22’ shorter than CDOT’s measurement.
 - Ambiguities exist in the purpose and location and underlying ownership of ER-306 Rev. shown herein and on the Plans for F.A.P. project BRMU 0033(3), Section 2. Approximately 370 square feet of the easement lie easterly of the easterly line of the Official Channel of the South Platte River, Ord. 117, Series 1910, and in the 1st Street roadway and therefore were not included in the lands described in the “Rule, Order, Judgment and Decree” in favor of the Board of Directors of the Urban Drainage and Flood Control District recorded under Reception No. 2003090418. Four (4) square feet of the 370 square feet lie northerly of the easterly extension of the southerly line of proposed easement PE-2. The surveyor in responsible charge was instructed to treat the 4 square feet affected by this project as being permitted by ER-306 Rev. No recording information was discovered for ER-306 Rev. although ER-306 was recorded under Reception No. 00072113.

GENERAL NOTES:

- This **Right-of-Way Plan** is to document right-of-way acquisitions and monumentation of lands required to construct and operate the proposed roadway. This Plan is a survey of land whose title is vested in, or is to be acquired by, or under the jurisdiction of, The Colorado Department of Transportation. Title lines of lands adjoining the Right of Way or proposed Right of Way, are based on positions determined from evidence adjoining the Right of Way and from record documents, not from field surveys of the entire adjoining properties. Title investigations on parcels adjoining the proposed Right-of-Way were limited to informational title commitments.
- BASIS OF BEARINGS: All bearings shown herein are Grid bearings of the Colorado coordinate system of 1983, central zone. The line between the southeast corner of Section 32, Township 3 South, Range 68 West of the Sixth Principal Meridian, marked by a 3-1/4” aluminum cap “MERRICK & COMPANY”, and the northeast corner of said Section 32, marked by a 2” brass disc in driveway apron “LS 28668”, bears N00°17'43"W, a distance of 5278.67 feet.
- All coordinates shown on this Monumentation Sheet are **project specific** coordinates. Published units are in US survey feet: 1 survey foot = (1200/3937) meters.
- For title information, the surveyor in responsible charge relied on informational title commitments Issued for Stewart Title by Front Range Title of DOWNTOWN DENVER.

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.

NOTE: This Right of Way Plan should be considered PRELIMINARY AND SUBJECT TO CHANGE, unless it bears the signiture and seal of the Professional Land Surveyor in responsible charge.

SURVEYOR STATEMENT (ROW PLAN)

I, Donald D. Hansen, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge and based upon my knowledge, information and belief, 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. 14599

Date

SURVEYOR STATEMENT (ROW 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. xxxx

Date

hansen.d 8:22:40 AM C:\Projects\16212\ROW_Survey\Drawings\16212ROW_Mon-4_01.dgn



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 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

Monumentation Sheet

Project Number: BR R600-297				
Project Location: I-25/Bronco Arch Bridge Replacement				
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver				
Project Code:	Last Mod. Date	Subset	Sheet No.	Authorized
16212	09-29-10	2 of 2	4.02	MM-DD-YY

RIGHT-OF-WAY POINTS, FOR INFORMATION PURPOSES ONLY,
no permanent monuments to be set

1884	696635.5805	136733.5634	I-25/WSL-09/17th Ave
1893	696293.9307	136870.2439	I-25 8756-374
1898	696424.4442	136671.9767	I-25-TE-2
2117	697462.2700	136404.9630	I-25/4 Exist (PP-616)
2332	696494.0227	136944.2155	I-25 8756-374
2333	696479.0515	136924.3911	I-25 8756-374
2335	696635.7343	136794.6017	I-25 EROW
2337	696675.7355	136795.0317	I-25 EROW
2338	696675.6889	136776.5141	I-25 EROW
2339	696693.5498	136781.7240	I-25/WSL-10 PC

Calculated Aliquot corner locations determined from published data

Name	Northing	Easting	Location
362	695312.4056	134292.3678	1/4 corner Sec. 32/5 from references to be 3.25" CDOH Alum. Cap in range box (under asphalt in traffic lane)
2013	696636.0594	136923.5823	S1/16 corner Sec. 32 33 per City Survey of Platte Park
2014	696629.4278	134285.5239	CS1/16 corner Sec. 32 per City Survey of Platte Park
4302	697946.8386	134278.6779	C4X32_3_68 reported to be Denver Water Department Brass Cap

PERMANENT EASEMENT POINTS, FOR INFORMATION PURPOSES ONLY,
no permanent monuments to be set

Name	Northing	Easting	(Location)
1895	696453.3318	136737.6944	I-25_C&SRV-PE_PE-2_2A
1896	696490.4270	136706.8479	I-25_C&SRV-PE_PE-2
2334	696635.1409	136794.5953	I-25_CB&Q-C&SRV-PE_PE-2A
2336	696648.9048	136794.7433	PE-2C_3
3004	696430.1744	136730.9395	PE-2_2A
3014	696542.0027	136924.0668	PE-2B
3015	696635.8644	136846.0163	PE-2B_2C
3016	696684.8983	136805.2423	PE-2C_3
3041	696833.8436	136810.4662	PE-2D-3A
3042	696830.4179	136835.2339	PE-2E-3A
3045	696800.7008	136831.1238	PE-2E-3A
3046	696804.1265	136806.3560	PE-2D-3A

Calculated points used in determining I-25 right of way based on calls to the plat of
RIVER FRONT in the TOWN of HIGHLANDS

Name	Northing	Easting	Location
2015	697955.3819	136916.7861	4X32 33 from City Survey of Platte Park
2016	697951.1103	135597.7320	CE16X32 20th-Clay
2017	695314.5712	135611.3731	E16X32/5
2018	696632.7436	135604.5531	SE16X S32 17th-Clay
2019	697072.1991	135602.2794	CL-CL 18th-Clay
2020	697511.6547	135600.0057	CL-CL 19th-Clay
2021	697515.6077	136919.0515	CL-CL 19th-Sec Ln 32 33
2022	697075.8336	136921.3169	CL-CL 18th-Sec Ln 32 33
2023	696634.9541	136483.9059	CL-CL 17th-Alcott
2024	696633.8489	136044.2295	CL-CL 17th-Bryant
2025	697952.5341	136037.4167	CL-CL 20th-Bryant
2026	697953.9580	136477.1014	CL-CL 20th-Alcott

TEMPORARY EASEMENT POINTS, no permanent monument to be set

Name	Northing	Easting	(Location)
1876	696686.5493	136805.7238	TE-2D_3
2164	696544.9828	136980.4025	CDOT ROW_TE-2B_2C (PP-604)
cc2513	696256.2533	135968.3991	TE-2/cc Stadium Cir.
3021	696543.9330	136960.5579	TE-2B_2C
3022	696266.9757	136683.3352	TE-2_2A
3023	696216.9159	136854.9520	TE-2A
3024	696234.0748	136859.0991	TE-2A
3025	696285.8209	136618.7292	TE-2
3026	696434.1675	136594.6179	TE-2
3027	696448.5735	136594.5437	TE-2
cc3028	696426.4040	136627.8380	TE-2 cc
3029	696464.2247	136614.8153	TE-2
3030	696470.4756	136632.9691	TE-2
3031	696744.6403	136820.5922	TE-2D_3
3032	696636.0276	136910.9089	TE-2C_2D
3033	696620.6916	136923.6614	TE-2C
3034	696683.4745	136871.4545	TE-2D
3035	696832.9966	136903.8544	TE-2D
3038	696855.9001	136798.1569	TE-2D

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 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

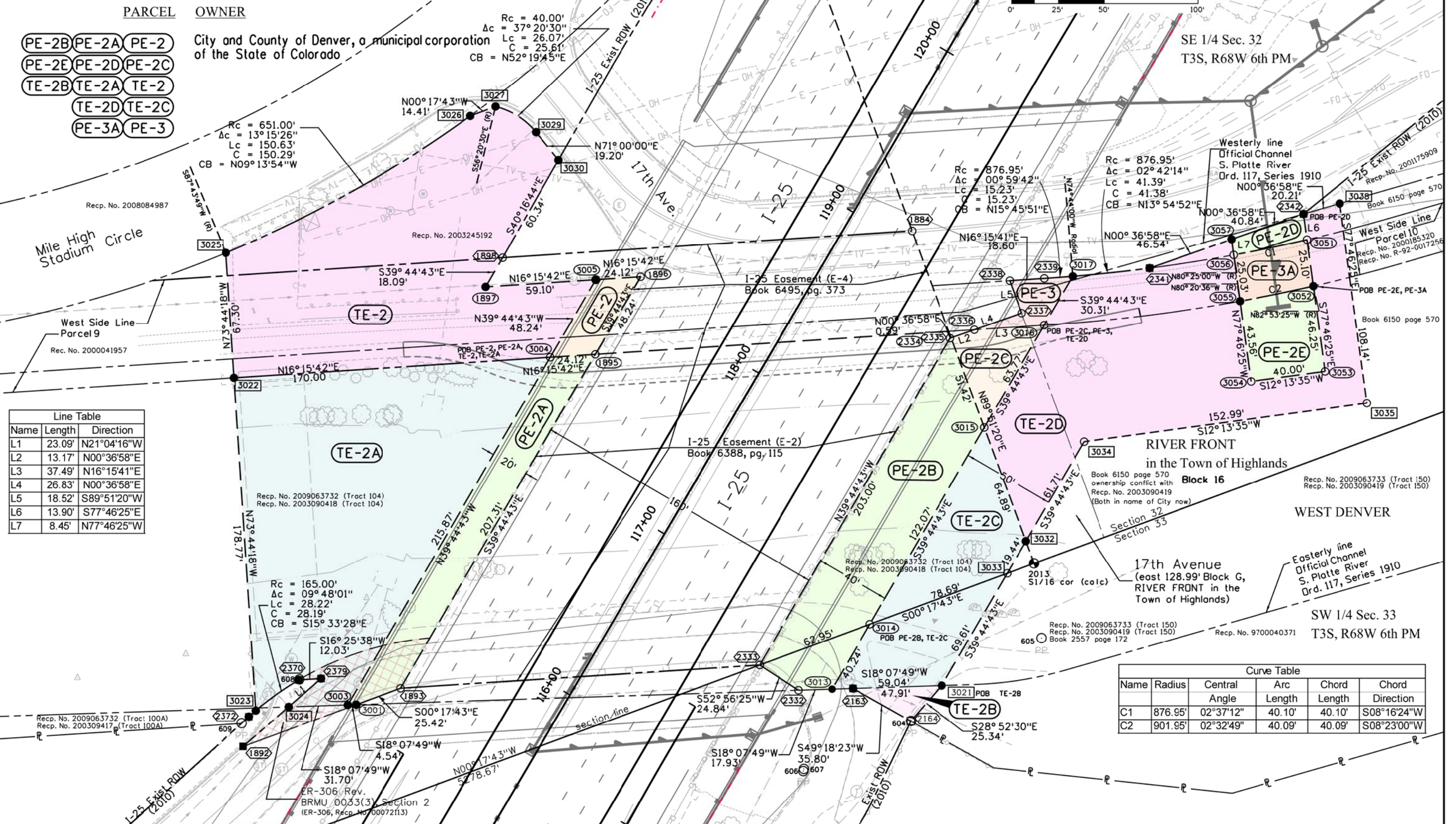
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: BR R600-297
Project Location: I-25 / Bronco Arch Bridge Replacement
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver
Project Code: Last Mod. Date Subst. Sheet No.
16212 11-04-10 1 of 3 5.01



- PARCEL OWNER
- City and County of Denver, a municipal corporation
of the State of Colorado
- PE-2B PE-2A PE-2
PE-2E PE-2D PE-2C
TE-2B TE-2A TE-2
TE-2D TE-2C
PE-3A PE-3

Line Table

Name	Length	Direction
L1	23.09'	N21°04'16"W
L2	13.17'	N00°36'58"E
L3	37.49'	N16°15'41"E
L4	26.83'	N00°36'58"E
L5	18.52'	S89°51'20"W
L6	13.90'	S77°46'25"E
L7	8.45'	N77°46'25"W

Curve Table

Name	Radius	Central Angle	Arc Length	Chord Length	Chord Direction
C1	876.95'	02°37'12"	40.10'	40.10'	S08°16'24"W
C2	901.95'	02°32'49"	40.09'	40.09'	S08°23'00"W

Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 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

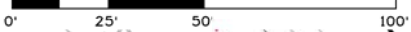
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: BR R600-297			
Project Location: I-25 / Bronco Arch Bridge Replacement			
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver			
Project Code:	Last Mod. Date	Subset	Sheet No.
16212	09-30-10	2 of 3	5.02



PARCEL OWNER

PE-2E PE-2D
PE-3A

City and County of Denver, a municipal corporation
of the State of Colorado

SE 1/4 Sec. 32
T3S, R68W 6th PM

17th Ave.

I-25 Exist ROW (2010)

Gates - Crescent Park
Rec. No. 2001175909

Line Table		
Name	Length	Direction
L6	13.90'	S 77°46'25" E
L7	8.45'	S 77°46'25" E

Curve Table					
Name	Radius	Central Angle	Arc Length	Chord Length	Chord Direction
C1	876.95'	02°37'12"	40.10'	40.10'	S08°16'24"W
C2	901.95'	02°32'49"	40.09'	40.09'	S08°23'00"W

RIVER FRONT
in the Town of Highlands
Block 16

Westerly line
Official Channel
S. Platte River
Ord. 117, Series 1910

West Side Line
Parcel 10
Recp. No. 2000185320
Recp. No. R-92-0017256

Recp. No. 2009063733 (Tract 150)
Recp. No. 2003090419 (Tract 150)
Book 6150 page 570

9/30/2010 honsendd 5:12:28 PM C:\Projects\16212 ROW_Survey Drawings\16212ROW_Plan-5.02.dgn



Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

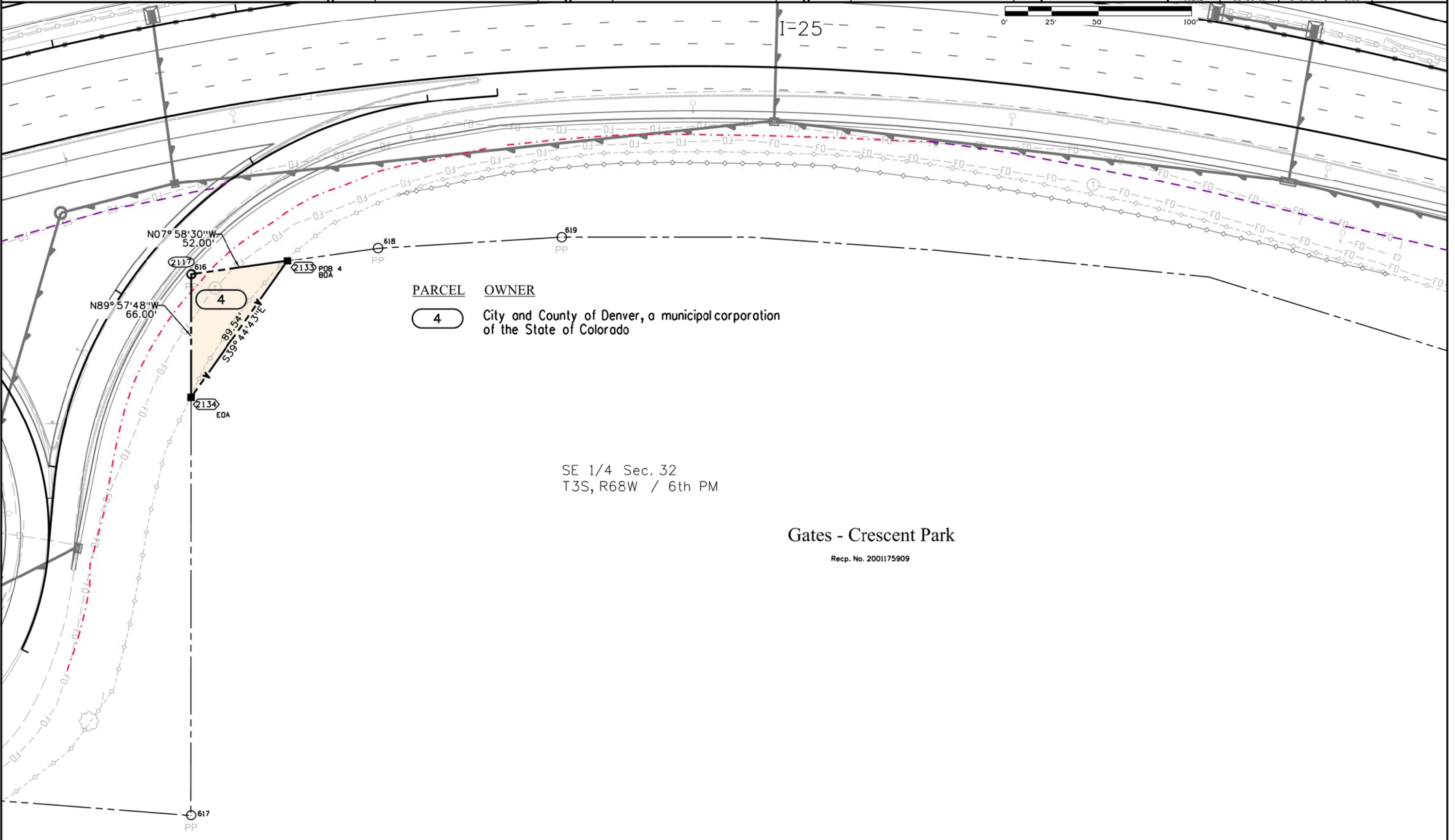
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Plan Sheet

Project Number: BR R600-297			
Project Location: I-25 / Bronco Arch Bridge Replacement			
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver			
Project Code:	Last Mod. Date	Subset	Sheet No.
16212	09-30-10	3 of 3	5.03



Colorado Department of Transportation



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 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

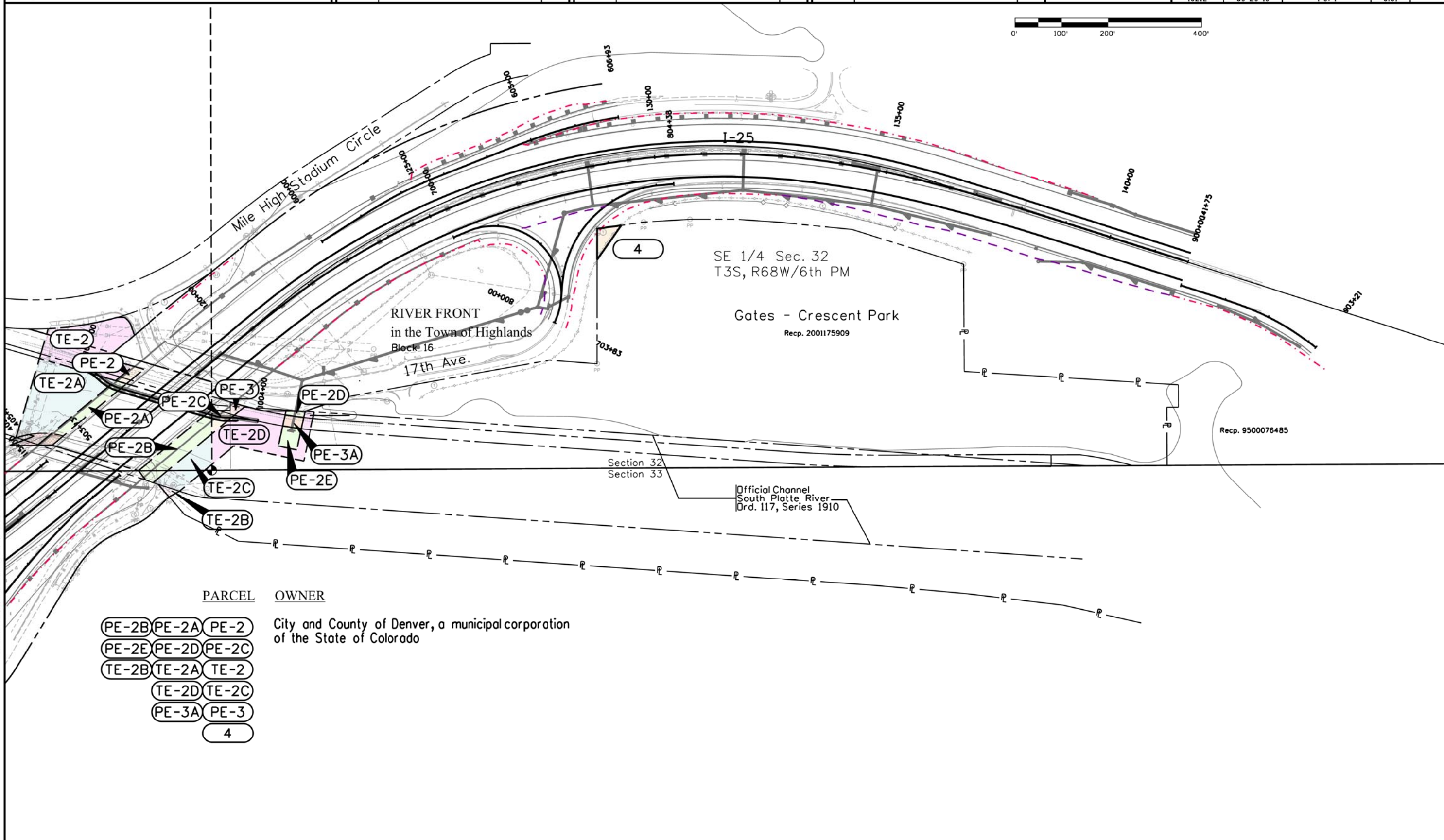
Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans

Ownership Sheet

Project Number: BR R600-297			
Project Location: I-25 / Bronco Arch Bridge Replacement			
Sec. 32 & 33, T3S, R68W/6th PM, City & County of Denver			
Project Code:	Last Mod. Date	Subset	Sheet No.
16212	09-29-10	1 of 1	6.01



hansendd 11:29:25 AM C:\Projects\16212\RDW_Survey Drawings\16212RDW_Ownership6.01.dgn