Right of Way Plans **Sheet Revisions** Colorado Department of Transportation **Sheet Revisions Sheet Revisions** Description Title Sheet LUND Region 6 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757-9390 roject Number: FBR 006A-049 12265 W. Bayaud Avenue, Suite 130 Project Location: US 6 AND SH 95 (6th and Sheridan) Lakewood, Colorado 80228 P:303.989.1461 F: 303.989.4094 CITY OF LAKEWOOD, COLORADO CIVIL ENGINEERING roject Code: Last Mod. Date Region 6 SLK **DEPARTMENT OF TRANSPORTATION** SHEET NO. **INDEX OF SHEETS** Λ 1.01 Title Sheet QUARTER AND SIXTEENTH SECTION CORNERS SECTION CORNER 2.01 **Tabulation of Properties** STATE OF COLORADO Project Control Diagram 3.01 4.01-4.03 Land Survey Control Diagram 1 5.01 Monumentation Sheets SET EASMENT MONUMENT TEMPORARY EASMENT POINT **JEFFERSON COUNTY** RIGHT OF WAY **Tabulation of Road Approach Sheets** NA 7.01 Plan Sheets 8.01 Ownership Map BLM MARKER PROPERTY PIN NOAA MARKER RIGHT OF WAY PLANS OF PROPOSED **Total Sheets** PROJECT NO. FBR 006A-049 FED Scales of Original 11x17 Drawings FEDERAL MONUMENT WITNESS CORNER BENCH MARK USGS MARKER STATE HIGHWAY NO. 95 Plan Sheets 1"=60" Ownership Map 1"=60" SECONDARY CONTROL MONUMENT RIGHT OF WAY R.O.W. Length of Project = 0.02 Miles Basis of Bearings: All bearings are grid bearings of the Colorado State Plane Coordinate System, Central Zone (502), NAD 1983 (1992) as obtained from a global positioning system (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN). The line between points "Alameda" and "Moe" bears N. 24°42'20" E. "Alameda" (PID KK1393) is a National Geodetic Survey (NGS) First Order Horizontal Mark monumented with a 3.5" diameter brass cap set flush in concrete and "Moe" (PID AA7132) is a National Geodetic Survey (NGS) First Order Horizontal Mark monumented with a 3.5" diameter brass cap set flush in concrete. Const. Length of Project = 0.03 Miles ©N 10.13 E 3.81 EL 0.00 E 3.81 EL 0.00 E 3.81 EL 0.00 DENSIFICATION CONTROL MONUMENT HIGH ACCURACY REFERENCE NETWORK CONTROL MONUMENT 295 PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE T. 3 S. TEMPORARY EASEMENT LINE (EXISTING) T. 4 S. BEGIN CONSTRUCTION PROJECT FBR 006A-049 BEGIN R.O.W. PROJECT FBR 006A-049 PROJECT CODE 18154 1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado CITY OF LAKEWOOD PROPERTY BOUNDARY LINE (EXISTING AND PROPOSED) CITY AND COUNTY JEFFERSON COUNTY PROJECT CODE 18154 Department of Transportation purposes only. 95 OF DENVER SOUTH BOUND SHERIDAN SOUTH BOUND SHERIDAN DESIGN ALIGNMENT -A- -╆╒╪╘╪╘╪╒╪╒ 2. For title information, The Colorado Department of Transportation relied on Title Commitment number 04668B2011, prepared by H.C. Peck and Assocates Inc. DESIGN ALIGNMENT ACCESS CONTROL LINE STATION = 0+56.06 RIGHT STATION = 1+40.46 RIGHT MILE POST= 5.16 MILE POST = 5.15 BARRIER ACCESS CONTROL LINE 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 RIGHT OF WAY LINE contained on the attached drawing is not valid unless this VIRGIN RIGHT OF WAY LINE (PROPOSED) copy bears an original signature of the Professional Land Surveyor hereon named. END CONSTRUCTION PROJECT FBR 006A-049 NOTICE: According to Colorado law you must commence CITY LIMIT LINE (EXISTING) 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 END R.O.W. PROJECT SITE PROJECT FBR 006A-049 COUNTY LINE (EXISTING) PROJECT CODE 18154 SOUTH BOUND SHERIDAN QUARTER SECTION LINE SIGN ALIGNMENT the date of the certification shown hereon. STATION = 2+31.01 RIGHT 283 US 6 DEPARTMENT OF TRANSPORTATION MILEPOST = 5.13SECTION LINE US 6 STATE OF COLORADO 6-16- (1 SIXTEENTH SECTION LINE AUTHORIZED: **R69W** R68W DATE STATE LINE (EXISTING) TOWNSHIP LINE (EXISTING) RIGHT OF WAY MANAGER SURVEY/ROW 95 SURVEYOR STATEMENT (ROW PLAN) TOP OF CUT I, Geoffrey F. Stephenson, 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 PROJECT LOCATION MAP TOE OF FILL belief, research, calculations and evaluation of the survey evidence **TERRAIN** were performed and this Right-of-Way Plan was prepared under my **COUNTY SURVEYOR'S CERTIFICATION** responsible charge in accordance with applicable standards of Deposited this ___day of __2011, at __.M., in Book ___of the County Surveyor's Land Survey Plats / Right- of- Way Surveys Note: For a complete listing of symbology 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), practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either 4000' 1000' 2000' expressed or implied. at Page_ Reception No. except as noted with the word (existing). Proposed or new features are shown as full weight without screening, except as noted with the PLS No. 23521

word (proposed).

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\sim DOT	Region 6 2000 South Holly Street	
1001	2000 South Holly Street	
	Denver, CO 80222	
	Phone: 303-757-9923	FAX: 303-757-9390

Sheet Revisions				Sheet Revisions	Sheet Revisions			
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials

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PARTNERSHIP	Pro
12265 W. Bayaud Avenue, Suite 130 Lakewood, Colorado 80228	Pro
P:303.989.1461 F: 303.989.4094	Pro
CIVIL ENGINEERING & SURVEYING	Pro
GO DOTEVENITARY	

Right of Way Plans Tabulation of Properties oject Number: FBR 006A-049

<u>D0</u>	T Region 6							PARTNERSHIP	Project Number: FBR 006A-049	
	7 Region 6 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757							12265 W. Bayaud Avenue, Suite 130	roject Location: US 6 AND SH 95 (6TH AND SHERIDAN)	
DEPARTMENT OF TRANSPORT	Phone: 303-757-9923 FAX: 303-75	7-9390						P:303.989.1461 F: 303.989.4094 P	roject Location: US 6 AND SH 95 (6TH AND SHERIDAN) roject Location: CITY OF LAKEWOOD, COLORADO	
Region 6		SLK -						CIVIL ENGINEERING P & SURVEYING	rolect Code: Last Mod. Date Subset Sheets Sheet No. 18154 6-7-11 1 of 1 2.01	
	DOW TA		PROPERTIES IN JEFFERSO	NI COLINI	TV C II NO OF				10134 0-7-11 1011 2.01	
	R.O.W. IA	ABULATION OF		_ , , , , _ , , , ,						
					Area In Square Feet	t (Acres)		Book and Page Title Commitmen No. And/Or No. and Effective		
Parcel No.	Ownership Name and Mailing Address	Site Address	Location					Reception No. Date	Nemarks	
				l	Net Area		Remainder			
				Area Of Parcel	Existing ROW	Remainder Left	Right			
			TOWNSHIP 4 SOUTH, RANGE 69 WEST							
1	YOUNG, MICHAEL J	703 SHERIDAN BLVD	SOUTHEAST 1/4 OF SECTION 1	11,644 SQ. FT.	11,644 SQ. FT.	64	4,047 SQ. FT.	04668B2011		
	3924 S PINEHURST CIR	LAKEWOOD CO 80201		(0.267 AC. +/-)	(0.267 AC. +/-)) (1	1.470 AC. +/-)	5/23/2011		
	DENVER CO 80235									
PE-1	SAME AS ABOVE	SAME AS ABOVE	SAME AS ABOVE	3,271 SQ. FT.	3,271 SQ. FT.			SAME AS ABOVE	FOR INGRESS AND EGRESS FOR CONSTRUCTION AND	
	S. WILL AD A DOVE	S/ WIL / IO / IDOV	O, WILL TO ABOVE	(0.075 AC. +/-)	(0.075 AC. +/-)			CAVIL AG ABOVE	MAINTENANCE OF HYDRAULIC FACILITIES AND OTHER	
				(0.075 AC. +/-)	(0.075 AC. +/-)	/				
				1					APPURTENANCES LOCATED ON PARCEL NO. 1 OF	
									CDOT PROJECT NO. FBR 006A-049	
						+				
				1		+				
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				+		+				

Sheet Revisions Sheet Revisions Sheet Revisions Project Control Diagram Colorado Department of Transportation Title Sheet Project Number: XXXXX DOT2000 South Holly Denver, CD 80222 Project Location: XXXXX Phone: 303-757-9922 FAX: 303-757-9390 XXXXX roject Code: Last Mod. Date Region 6 BASIS OF GPS SURVEY IN U.S. SURVEY FEET **GENERAL NOTES ELLIPSOID** CONVERGENCE NORTHING EASTING 1. This control survey is for the use of the Colorado Department of Transportation personnel. The survey is not a Land Survey Plat, Boudary Survey or Right of Way LATITUDE LONGITUDE HEIGHT ANGLE (SP 502) (SP 502) DESCRIPTION Plat and does not address matters of title. ALAMEDA 39°42'39.39630"N 105°03'57.01077"W 1684132.283 3122146.556 NGS Standard Triangulation Station disk in concrete 5403.05 0°16'25.8" 2. NOTICE: According to Colorado law you **must** commence any legal action based 39°43'31.88067"N 105°02'21.67616"W 1689479.540 3129569.901 NGS Standard Bench Mark disk in concrete Ret. Wall 5293.36 0°17'25.9" upon any defect in this survey within three years after you first discover such 1689464.738 3115066.968 3" A.C. on #12 rebar in RB 39°43'32.42048"N 105°05'27.29277"W 5412.19 0°15'28.8" defect. In no event, may any action based upon any defect in this survey be 1689250.442 3124418.193 CDOT Type 2 in RB DEPEW 39°43'29.86958"N 105°03'27.62445"W 5329.39 0°16'44.3" commenced more than ten years from the date of the certification shown hereon FEDERAL 39°43'30.26884"N 105°01'24.50061"W 0°18'01.9" 1689339.491 3134038.017 CDOT Type 2 in RB 5196.88 3. No guarantee as to the accuracy of the information contained on the attached 39°43'30.80204"N 105°03'53.85087"W 1689334.897 3122368.589 NGS deep rod in logo box 5319.37 0°16'27.8" drawing is either stated or implied unless this copy bears an original signature of MOE 39°44'25.77651"N 105°02'52.81293"W 5285.42 0°17'06.2" 1694920.734 3127109.978 NGS Standard horizontal control disk in concrete the professional land surveyor hereon named. PRIMARY SURVEY CONTROL POINT TABULATION U.S. SURVEY FEET ${\bf 4.} \ \ {\bf BASIS} \ {\bf OF} \ {\bf BEARINGS:} \ {\bf All} \ {\bf bearings} \ {\bf are} \ {\bf grid} \ {\bf bearings} \ {\bf of} \ {\bf the} \ {\bf Colorado} \ {\bf State} \ {\bf Plane}$ Coordinate System, Central Zone, NAD 1983 (1992) as determined by a fast static GPS survey. The line between points "Alameda" and "Moe" bears ELLIPSOID CONVERGENCE NORTHING EASTING NORTHING EASTING **ELEVATION** N.24°42'20"E, as shown hereon. PNT LATITUDE LONGITUDE HEIGHT **ANGLE** (SP 502) (SP 502) (Project) (Project) NAVD88 DESCRIPTION 5. BASIS OF ELEVATION: Elevations are based on NGS published benchmark 39°43'29.75322"N | 105°03'10.83685"W | 0°16'54.9" 1689245.088 3125729.917 689680.693 126535.948 5376.46 Set CDOT Type 5S designation D406 (PID KK1394). NAVD 88 vertical datum is 5357.26ft/ 39°43'31.16854"N | 105°03'11.75759"W 0°16'54.3" 1689387.942 3125657.273 689823.584 126463.285 5358.05 Set CDOT Type 5S 1632.897m; Vertical Order-First Class II. Project elevations were established by 39°43'33.39731"N 105°03'12.31983"W 5295.70 0°16'53.9" 1689613.243 3125612.235 690048.943 126418.235 5350.64 Set CDOT Type 5S differential leveling. 39°43'34.51694"N | 105°03'11.75832"W 1689726.746 3125655.550 690162.476 126461.561 Set CDOT Type 5S 0°16'54.3" 5349.48 6. Elevations were run to an accuracy of \pm 0.035 ft. times the square root of the 39°43'31.60920"N | 105°03'05.05436"W | 0°16'58.5" 1689435.111 3126180.794 689870.765 126986.941 Set CDOT Type 5S 5374.06 distance traversed in miles. 39°43'31.92641"N 105°02'58.00928"W 1689469.932 3126731.084 Recovered CDOT Type 2 0°17'03.0" 689905.595 127537.373 5374.44 7. Primary Horizontal Control Tolerance meets C.D.O.T. Class A (+/- 0.07" with 39°43'33.87423"N 105°03'01.11088"W 5311.24 0°17'01.0" 1689665.819 3126487.774 690101.533 127294.000 5366.25 Recovered CDOT Type 2 95% certainty) 39°43'32.06536"N 105°03'09.25873"W 1689479.647 3125852.069 689915.313 126658.131 Recovered CDOT Type 2 0°16'55.9" 651 5373.68 39°43'33.17633"N 105°03'10.26678"W 5318.95 0°16'55.2" 1689591.672 3125772.754 690027.366 126578.796 5373.91 Recovered CDOT Type 2 8. Secondary Horizontal Control Tolerance meets C.D.O.T. Class B (+/- 0.13" with 39°43'31.27194"N 105°03'21.34083"W 5317.32 0°16'48.3" 1689394.734 3124908.457 689830.378 125714.276 5372.21 Recovered CDOT Type 2 95% certainty). 39°43'31.24597"N 105°03'31.04158"W 5321.11 0°16'42.1" 1689388.412 3124150.525 689824.054 124956.149 5375.93 Recovered CDOT Type 5 656 9. To convert State Plane Coordinates to Project Coordinates: (State Plane Northing in USFT x 1.0002578697) - 1,000,000 = Project Northing 39°43'31.41092"N 105°03'39.46645"W 5313.38 1689401.912 3123492.187 689837.558 124297.640 Recovered CDOT Type 5 0°16'36.8" 658 5368.17 (State Plane Easting in USFT x 1.0002578697) – 3,000,000 = Project Easting CATHY 39°43'32.08794"N 105°03'12.86268"W 5318.28 Recovered City of Lakewood pipe monument "CATHY" 0°16'53.6" 1689480.546 3125570.472 CATHY 689916.212 126376.462 5373.23 DEPEW 39°43'29.86958"N 105°03'27.62445"W 5329.39 1689250.442 3124418.193 DEPEW 689686.049 125223.885 Recovered CDOT Type 2 in RB 0°16'44.3" 5384.25 10. Survey information in orange field book indexed: 1119 & 1120 (vert.&topo.) SECONDARY SURVEY CONTROL POINT TABULATION PROJECT SPECIFIC - U.S. SURVEY FEET 岡 NORTHING EASTING ELEVATION SE 1/4 Sec. 1 SW 1/4 Sec. 6 (Project) NAVD88 DESCRIPTION (Project) T.4S., R.69W. ida: S.H. 690028.346 | 126512.850 | 5351.01 Set Type 5S T.4S., R.68W. 6th Ave 6th Ave ▲ DEPEW NW 1/4 Sec. 7 NE 1/4 Sec. 12 1.4S., R.68W. T.4S., R.69W. SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM) I, , a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, 5th Ave. 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 quaranty or warranty, either expressed or implied. PLS No. xxxxx Date

DOT

Region 6 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757-9390

Region 6 SLI

Sheet Revisions				Sheet Revisions	Sheet Revisions			
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Land Survey Control Diagram										
		Titl	le Sheet							
	Project Number	r: FBR 006A	-049							
8	Project Location	n: US 6 ANI	D SH 95 (6th and 9	Sheridan)						
4		CITY OF	LAKEWOOD, CO	LORADO						
	Project Code: La	ast Mod. Date	Subset	Sheet No.						
	1015/	6711	4 01 to 4 03	4.01						

Λ Λ QUARTER AND SIXTEENTH SECTION CORNER SECTION CORNERS \bigcirc TEMPORARY SET EASMENT QUARTER, SIXTEENTH, NDAA MARKER AND SECTION CORNERS RIM MARKER PROPERTY PIN FEDERAL MONUMENT WITNESS CORNER BENCH MARK USGS MARKER LOCAL OR PLSS SECONDARY CONTROL RIGHT OF WAY DENSIFICATION HIGH ACCURACY REFERENCE PROJECT CONTROL CONTROL MONUMENT

Note: For a complete listing of symbololyg 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.

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.

Basis of Bearings: All bearings are grid bearings of the Colorado State Plane Coordinate System, Central Zone (502), NAD 1983 (1992) as obtained from a global positioning system (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN). The line between points "Alameda" and "Moe" bears N. 24°42′20" E. "Alameda" (PID KK1393) is a National Geodetic Survey (NGS) First Order Horizontal Mark monumented with a 3.5" diameter brass cap set flush in concrete and "Moe" (PID AA7132) is a National Geodetic Survey (NGS) First Order Horizontal Mark monumented with a 3.5" diameter brass cap set flush in concrete

Basis of Elevations: Project elevations are based on NGS published benchmark designation D406 (PID KK1394). Published Elevation = 5357.26ft (NAVD 88). Project elevations were established by differential leveling performed by CDOT (See CDOT orange field book indexed 1119 & 1120).

The elevations on the secondary control points 1 through 4 set by the Lund Partnership were established by differential leveling from the CDOT primary control points.

The horizontal positional accuracy tolerance for this land survey control diagram meets the CDOT Class "B" secondary tolerance as defined in the CDOT survey manual chapther 5, paragraph 5.2.2 and 5.5.3.

The vertical accuracy tolerance for this land survey control diagram meets the minimum vertical accuracy tolerance as defined in the CDOT survey manual chapter 5, paragraph 5.8.6.

The CDOT survey manual can be viewed at HTTP://WWW.COLORADODOT.INFO/BUSINESS/MANUALS/SURVEY

COORDINATE DATUM: Project coordinates are modified Colorado State Plane Central Zone NAD '83/(92) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.0002578697. The resulting project coordinates are truncated by 1,000,000 in the Northing and 3,000,000 in the Easting after converting from state plane coordinates to project coordinates. The CHARN is based on the NAD '83(92) datum.

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

LAND SURVEY CONTROL DIAGRAM

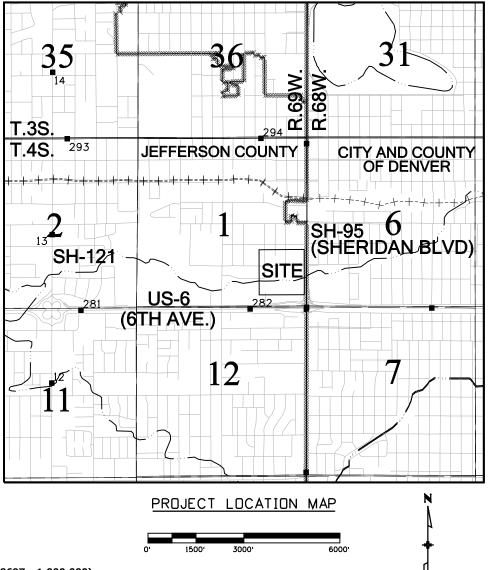
US Highway 6 (6th Ave.) and State Highway 95 (Sheridan Blvd.)

Southeast Quarter, Section 1

Township 4 South, Range 69 West

of the 6th Principle Meridian

County of Jefferson



SHEET NO.

4.03

INDEX OF SHEETS

4.01 (1) Title Sheet

4.02 (1) Monument Coordinate Tables

(1) Plan Sheet

(3) Total Sheets

General Notes:

- 1. This Land Survey Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only. No determination has been made to determine if the found monuments as shown are in their proper position or if they are at the corners they are intended to monument.
- 2. Title policy, title commitment, and title research are not part of this survey, therefore easements, rights, and restrictions of record were not researched and are not shown on this diagram. The verification of the physical evidence with relation to easements, rights of ways, property boundaries, and restrictions, as described in the instruments of record, were not included in this control survey.
- 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.
- 4. 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 typical survey monument descriptions.
- 5. The lineal units of this Land Survey Control Diagram is in U.S. survey feet.

SURVEYOR STATEMENT (LAND SURVEY CONTROL DIAGRAM)

I, Geoffrey F. Stephenson, 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. 23521



Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing* 1.0002578697 - 1,000,000). Project Coordinates Easting US Survey Feet = (State Plane Coordinate Easting* 1.0002578697 - 3,000,000).

DOT

Region 6

Region 6 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757-9390

	Sheet Revisions			Sheet Revisions	Sheet Revisions		
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12265 W. Bayaud Avenue, Suite 130
Lakewood, Colorado 80228
P:303.989.1481 F: 303.989.4094
CIVIL ENGINEERING
& SURVEYING

Land Survey Control Diagram

Monument Coordinate Tables

Project Number: FBR 006A-049

Project Location: US 6 AND SH 95 (6TH AND SHERIDAN)

CITY OF LAKEWOOD, COLORADO

Project Code: Last Mod. Date Subset Sheet No. 18154 6-7-11 4.02 to 4.03 4.02

GEODETIC COORDINATES SUMMARY TABLE OF FOUND AND VERIFIED EXISTING CONTROL (ADJUSTED FIELD DATA U.S. FEET)

	GEODETIC COORDINATES - NAD 83 (1992)		ELLIPSOID		NAD 83 (199	NAD 83 (1992) ZONE 502		PROJECT COORDINATES		NAVD 88	
POINT NO.	LATITUDE	LONGITUDE	HEIGHT (FT)	MAPPING ANGLE	NORTHING (FT)	EASTING (FT)	POINT NO.	NORTHING (FT) EASTING (FT)		ELEVATION (FT)	DESCRIPTION
*ALAMEDA	39° 42' 39.39630" N	105° 03' 57.01077" W	5403.01	0°16'25.8"	1684132.28	3122146.56	ALAMEDA	684566.57	122951.66	5457.68	FOUND NGS STANDARD DISK IN CONCRETE (PID KK1393)
*CATHY	39° 43' 32.08794" N	105° 03' 12.86268" W	5318.28	0°16'53.6"	1689480.55	3125570.47	CATHY	689916.21	126376.46	5373.23	FOUND CITY OF LAKEWOOD PIPE MONUMENT "CATHY"
*MOE	39° 44' 25.77651" N	105° 02' 52.81292" W	5285.32	0°17'06.2"	1694920.73	3127109.98	MOE	695357.80	127916.37	5341.00	FOUND NGS STANDARD DISK IN CONCRETE (PID 7132)
*600	39° 43′ 31.16854″ N	105° 03' 11.75759" W	5303.12	0°16'54.3"	1689387.94	3125657.27	600	689823.58	126463.29	5358.05	FOUND CDOT TYPE 5S
*601	39° 43' 33.39731" N	105° 03' 12.31983" W	5295.70	0°16'53.9"	1689613.24	3125612.23	601	690048.94	126418.24	5350.64	FOUND CDOT TYPE 5S
*602	39° 43′ 34.51694″ N	105° 03' 11.75832" W	5294.54	0°16'54.3"	1689726.75	3125655.55	602	690162.48	126461.56	5349.48	FOUND CDOT TYPE 5S
*604	39° 43′ 31.60920″ N	105° 03' 05.05436" W	5319.05	0°16'58.5"	1689435.11	3126180.79	604	689870.77	126986.94	5374.06	FOUND CDOT TYPE 5S
*648	39° 43′ 31.92641″ N	105° 02' 58.00928" W	5319.41	0°17'03.0"	1689469.93	3126731.08	648	689905.60	127537.37	5374.44	FOUND CDOT TYPE 2
*650	39° 43' 33.87423" N	105° 03' 01.11088" W	5311.24	0°17'01.0"	1689665.82	3126487.77	650	690101.53	127294.00	5366.25	FOUND CDOT TYPE 2
*651	39° 43' 32.06536" N	105° 03' 09.25873" W	5318.71	0°16'55.9"	1689479.65	3125852.07	651	689915.31	126658.13	5373.68	FOUND CDOT TYPE 2
*652	39° 43' 33.17633" N	105° 03' 10.26678" W	5318.95	0°16'55.2"	1689591.67	3125772.75	652	690027.37	126578.80	5373.91	FOUND CDOT TYPE 2
*654	39° 43' 31.27194" N	105° 03' 21.34083" W	5317.32	0°16'48.3"	1689394.73	3124908.46	654	689830.38	125714.28	5372.21	FOUND CDOT TYPE 2
*656	39° 43' 31.24597" N	105° 03' 31.04158" W	5321.10	0°16'42.1"	1689388.41	3124150.53	656	689824.05	124956.15	5375.93	FOUND CDOT TYPE 5

*DENOTES CONTROL POINTS NOT SHOWN ON DIAGRAM

SECONDARY SURVEY CONTROL POINT TABULATION PROJECT SPECIFIC (U.S. FEET):

	PROJECT COORDINATES		NAVD 88	
POINT NO.	NORTHING (FT) EASTING (FT)		ELEVATION (FT)	DESCRIPTION
1	690841.62	126390.32	5317.64	SET #5 REBAR WITH 2 1/2" ALUMINUM CAP STAMPED "L.P.I. SURVEY CONTROL POINT 1"
2	690902.43	126345.04	5313.66	SET #5 REBAR WITH 2 1/2" ALUMINUM CAP STAMPED "L.P.I. SURVEY CONTROL POINT 2"
3	690995.35	126402.71	5312.90	SET #5 REBAR WITH 2 1/2" ALUMINUM CAP STAMPED "L.P.I. SURVEY CONTROL POINT 3"
4	690868.37	126201.88	5307.47	SET #5 REBAR WITH 2 1/2" ALUMINUM CAP STAMPED "L.P.I. SURVEY CONTROL POINT 4"

TYPICAL L.P.I. CONTROL POINT CAP



TABULATION OF FOUND ALIQUOT CORNERS (U.S. FEET):

	PROJECT COO	RDINATES			
POINT NO.	NORTHING EASTING		LOCATION	DESCRIPTION	
812	692659.35	126456.01	E 1/4 CORNER SECTION 1, T4S, R69W	FOUND 3 1/4" ALUMINUM CAP IN MONUMENT BOX, STAMPED IN PART "LS 28286 1996	
949	690024.97 126465.80		W.C. SE CORNER SECTION 1, T4S, R69W	FOUND 2 1/2" BRASS CAP IN CONCRETE WALL, STAMPED IN PART "W.C. LS 28286 1996"	

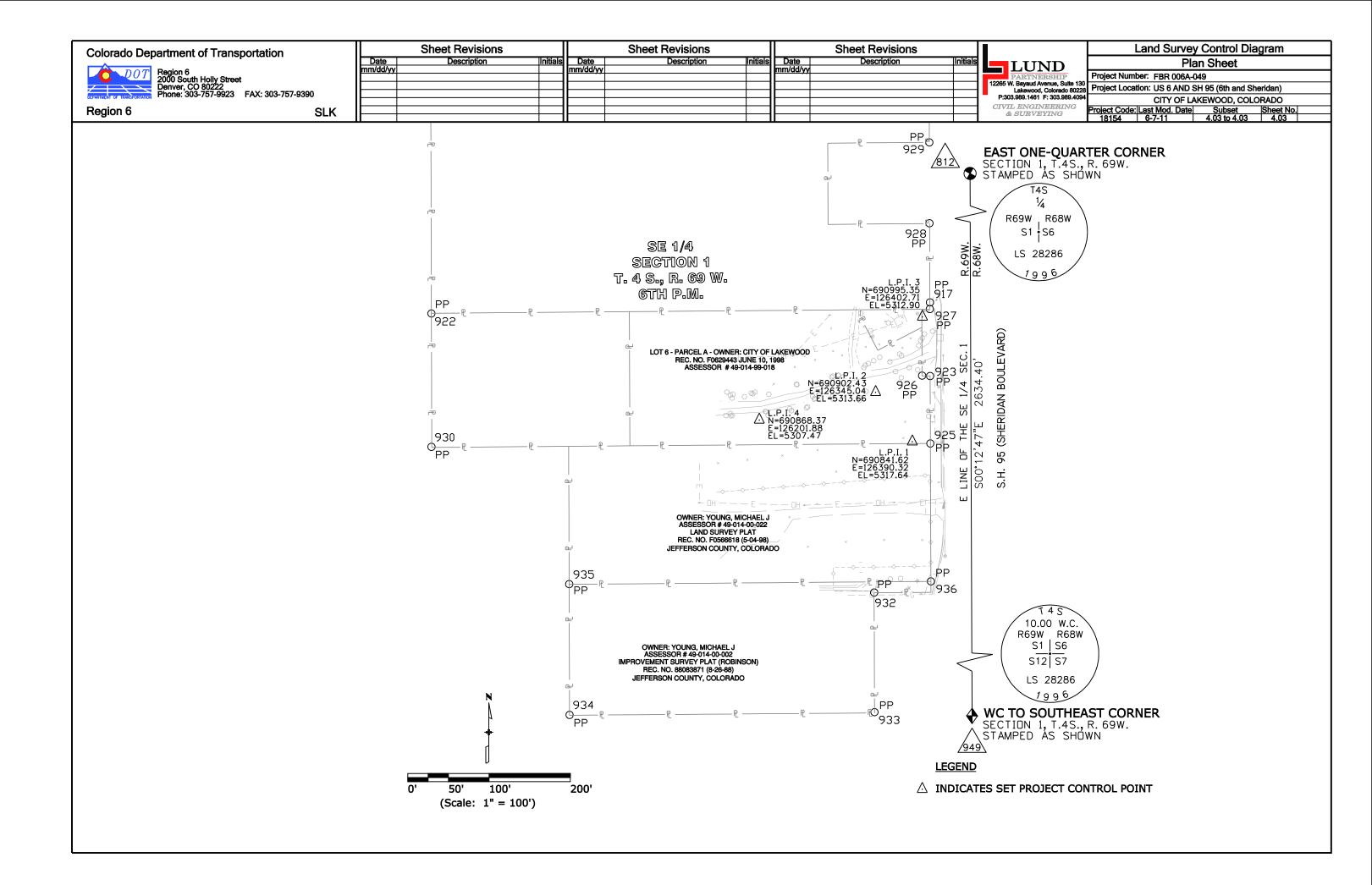
TABULATION OF FOUND PROPERTY EVIDENCE (U.S. FEET):

			··· _ · _ · _ · _ · _ · _ · _ · _ · _ ·
POINT	NORTHING	EASTING	DESCRIPTION
917	691014.65	126412.20	FOUND 1 1/4" ORANGE PLASTIC CAP ILLEGIBLE
922	691000.98	125798.51	FOUND 1 1/4" YELLOW PLASTIC CAP STAMPED "LINN PLS 14112"
923	690923.95	126412.33	FOUND 1 1/4" YELLOW PLASTIC CAP ILLEGIBLE
925	690840.87	126412.63	FOUND 1 1/4" YELLOW PLASTIC CAP STAMPED "LINN PLS 14112"
926	690924.45	126402.53	FOUND 2" ALUMINUM CAP ILLEGIBLE
927	691006.41	126412.00	FOUND 1 1/4" ORANGE PLASTIC CAP PARTIALLY ILLEGIBLE "PE/LS 9499?"
928	691112.07	126411.52	FOUND 1" BRASS TAG STAMPED "PE/PLS 9489"
929	691211.67	126411.45	FOUND #5 REBAR NO CAP
930	690836.71	125798.61	FOUND 1 1/4" YELLOW PLASTIC CAP STAMPED "LINN PLS 14112"
932	690657.37	126343.51	FOUND 1 1/4" YELLOW PLASTIC CAP STAMPED "ROBINSON 2132"
933	690510.05	126343.94	FOUND 1" PIPE NO CAP
934	690506.67	125968.61	FOUND 1 1/4" YELLOW PLASTIC CAP STAMPED "ROBINSON 2132"
935	690667.73	125968.16	FOUND 1 1/4" YELLOW PLASTIC CAP ILLEGIBLE
936	690671.10	126413.32	FOUND 1 1/4" YELLOW PLASTIC CAP ILLEGIBLE

CONVERSION EXAMPLE OF STATE PLANE COORDINATES TO PROJECT COORDINATES

(STATE PLANE NORTHING IN USFT x 1.0002578697) - 1,000,000=PROJECT NORTHING

(STATE PLANE EASTING IN USFT x 1.0002578697) - 3,000,000=PROJECT EASTING



DOT

Region 6 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9923 FAX: 303-757-9390 Sheet Revisions

Sheet Revisions

Sheet Revisions

Sheet Revisions

Sheet Revisions

Description Initials Date Description

PARTNERSHIP
2265 W. Bayaud Avenue, Suite 130
Lakewood, Colorado 80228
P.303.989.1461 F. 303.989.4094
CIVIL ENGINEERING
& SURVEYING

Right of Way Plans

Monumentation Sheet

Project Number: FBR 006A-049

Project Location: US 6 AND SH 95 (6TH AND SHERIDAN)

Project Location: CITY OF LAKEWOOD, COLORADO

Project Code: Llast Mod. Date Subset Sheets Sheet No. 18154 6-7-11 1 of 1

Region 6 GENERAL NOTES

- This Right of Way Plan and associated field surveys was prepared in accordance with the Colorado Department of Transportation Special Instructions and the memorandum of understanding between the Colorado State Board of Registration for Professional Engineers and Professional Land Surveyors and the Colorado Department of Transportation, Dated July 1, 1985
- 2. This Survey was performed without the benefit of a professional title company researcher to determine current ownership, easements or restrictions of record as requested by the client. It should be noted that the right of way line determinations could change upon the completion of adjoining boundary surveys and additional research supplied by a title company.

SLK

- 3. 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 such defect in this survey be commenced more then ten years from the date of certification shown hereon.
- All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field.
- 5. All coordinates listed are project coordinates only.
- The Accuracy Estimate for the right of way survey is +/- 0.13 feet at a 95% confidence level. (CDOT Class B Secondary Survey)
- 7. Basis of Bearings: All bearings are grid bearings of the Colorado State Plane Coordinate System, Central Zone (502), NAD 1983 (1992) as obtained from a global positioning system (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

 The line between points "Alameda" and "Moe" bears N. 24°42'20" E. "Alameda" (PID KK1393) is a National Geodetic Survey (NGS) First Order Horizontal Mark monumented with a 3.5" diameter brass cap set flush in concrete and "Moe" (PID AA7132) is a National Geodetic Survey (NGS) First Order Horizontal Mark monumented with a 3.5" diameter brass cap set flush in concrete
- 8. Ownership is based on Jefferson County Clerk and recorder records as of 2-2-2011 provided by H.C. Peck and Associates, Title Commitment number 04668A2011.
- 9. The floodplain is at an elevation of 5313 based on the NAVD 88 datum. Based on information provided by Muller Engineering Company, Inc.



	TABULATION OF R.O.W. MARKERS TO BE SET									
Point No.	Northing	Easting	Description	Station	Offset					
703	690839.66	126249.96	SET CDOT TYPE 1 ROW MARKER	1+40.16	Rt.198.01					
704	690767.08	126249.63	SET CDOT TYPE 1 ROW MARKER	2+14.70	Rt. 198.80					
705	690770.78	126413.03	SET CDOT TYPE 1 ROW MARKER	2+11.00	Rt. 35.40					



TABULATION OF PERMANENT EASEMENT MARKERS TO BE SET												
Point No.	Northing	Easting	Description	Station	Offset							
700	690747.07	126249.53	SET CDOT TYPE 6 MONUMENT	2+34.71	Rt.198.90'							
701	690750.77	126413.11	SET CDOT TYPE 6 MONUMENT	2+31.01	Rt.35.32'							

NOTE: ALL STATIONING IS BASED ON THE SOUTH BOUND SHERIDAN DESIGN ALIGNMENT SHOWN HEREON, SHEET 7.01

QUANTITY OF MONUMENTS TO BE SET

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

General Notes:

- 1. All centerline and offset stationing may not represent the centerline as constructed in the field.
- 2. 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.
- 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.

COORDINATE DATUM: Project coordinates are modified Colorado State Plane Central Zone NAD '83/(1992) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.0002578697. The resulting project coordinates are truncated by 1,000,000 sft in the Northing and 3,000,000 sft in the Easting after converting from state plane coordinates to project coordinates. The CHARN is based on the NAD '83(1992) datum. Project Coordinates Northing US Survey Feet= (State Plane Coordinate Northing * 1.0002578697 - 1,000,000). Project Coordinates Easting US Survey Feet= (State Plane Coordinate Easting * 1.0002578697 - 3,000,000).

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, Geoffery F. Stephenson, 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. 23521

