

The background image shows a train station platform. A train is visible in the distance, with the word "Northbound" written on its side. The platform is lined with utility poles and streetlights. The overall scene is overlaid with a semi-transparent blue and yellow gradient.

SECTION F

UTILITIES

Section F: Utilities

This section tabulates the utility data collected for the North Metro, Gold Line and the I-225 corridors. Publicly owned utility information was collected by contacting all of the municipalities along each of the transit corridors. These contacts in turn led to contacts with the special districts within their jurisdiction. Information was also collected from the major private utilities. Utilities investigated included cable television, fiber optic, electric, telephone, gas, sanitary sewer, storm sewer and ditches, and water lines. All existing information available was collected, regardless of the size of the utility. Contacts for the major irrigation ditches were identified. Tables include in this section are as follows:

Table A – Three Corridor Utility Contact List

Table B –Utility Crossings - North Metro

Table C –Utility Crossings - Gold Line

Table D –Utility Crossings - I-225

Table E – Irrigation Ditches

In all cases, except the Xcel overhead transmission and distribution lines, there was insufficient information to locate the utility line with reference to an actual physical feature such as a manhole. The utilities were placed on the plans by copying the information received from the utility company and placing it relative to the associated street or railroad right-of-way lines. A more detailed survey will be necessary to more accurately locate the utilities during the preliminary engineering phase of design.

TABLE A

Three Corridors Utility Contact List

Utility Company	Telephone	Fax	Email	Utility within Project area?	Request Letter Sent	Material Received	Last Action Taken
City of Arvada Bob Manwaring Jim Sullivan	720-898-7740 720-898-7761					See other notes for Arvada	
City of Wheatridge Public Works	303-235-2861			No		None Needed	
Adams County Engineering Melissa van der Poel 12200 N. Pecos Western Service Center 3rd Floor, Engineering	303-453-8787			Yes	9/20/2004 Office Visit	Picked up plans with drainage system overlaid on 2003 aerials. Red = Storm drain pipes Blue = Open Ditch drainage	
Fruitdale Sanitation District for Wheatridge Robert Cox 11460 West 44th Ave Wheatridge, CO 80033	303-424-5476			Yes	9/14/2004	Received drawing from Robb to Ward	
Clear Creek Valley Sanitation District for Wheatridge Reuben Rodriguez PO Box 156 Arvada, CO 80001	303-424-4194			Yes	9/14/2004	Verbal. Crossing only at Miller St.	
Valley Water District for Wheatridge Ardie Dunlap 12101 West 52nd Wheatridge, CO 80033 Bob Arnold	303-424-9661 303-424-9003			Yes	9/14/2004	Received drawing	
Denver Waste Water 2000 W. 3rd Ave Denver, CO 80223 Lee Row	303-446-3400			Yes	9/21/2004	Received 1/4 section plans for storm and sanitary sewer lines	
Metro Waste Water District 6450 York St. Denver, CO 80229-3039 Sue Allegrezza	303-286-3000 303-286-3250	303-286-3039	sallegrezza@mwr.dst.co.us	Yes	9/15/2004 Office Visit	Received 1:1000 scale drawings Can get 1:100 scale P&P at individual crossing if we need them.	
Denver Water 1600 W 12th Ave Denver, CO Liu Vullo	303-628-6000 303-628-6671			Yes	9/14/2004 Office Visit	1/4 Section prints of network along corridors. Overview map of Denver Water network keyed to 1/4 sections	

Utility Company	Telephone	Fax	Email	Utility within Project area?	Request Letter Sent	Material Received	Last Action Taken
Arvada Engineering Division Georgia Simpson Bill Honer Cliff Deeds - left message for me. Not 8101 Ralston Road Arvada, CO 80001	720-898-7760 720-898-7781			Yes	9/14/2004	Received drawings for water, sewer, storm, and ditches	
Xcel Energy (PSCO) Bill Lucatuorto Mapping Department 1123 W. 3rd Ave. Denver, CO 80223 Rob Robinson Jim McQuiston	(303) 571-3908 303-571-3907 303-571-3744	303-571-3826	bill.lucatuorto@xcelenergy.com jim.mcquiston@xcelenergy.com	Yes	9/16/2004	Picked up strip maps keyed to the corridors for all of alignments	
Commerce City Engineering Gary Comstock	303-289-8170 303-289-8170			Unknown	9/17/2004	Received drainage plans Rcvd 2nd call. Commerce City has only 1 line west of Colo Blvd along 70th to the South Platte	
South Adams Water and Sewer 6595 E. 70th Commerce City, CO 80022 office at 10390 Sable Mike Thompson	720-206-0590	720-206-0598		Yes	9/14/2004	Received Autocad Drawings for Water and Sewer	
Thornton Infrastructure Chelsey Lopez Water Resources Matt Pacheco	303-538-7385 720-977-6511			Yes	9/14/2004 9/16/2004	Received location maps for water, sewer, storm along corridor in pdf format Emailed ditch layout shape file Received GIS database with everything included	
Northglenn Design and Engineering Bill McAllen	303-450-4035			Unknown		Recieved shape file for one area	
Aurora Utilities - Engineering Cliff Stevens or Carmen 15151 E. Alameda Pkwy 3rd Floor, Suite 3600 Shanika Harpool - Public Works Records Charlie Cooper - Public Works	303-739-7376 303-739-7318			Yes	9/14/2004 Visited Office	Received 1/4 sections along alignment for water, sewer, and storm drains. Also received elec. .tif files with the same info.	
Qwest Lisa Hauswirth 12121 Grant, Room 301 Thornton, CO 80241 Brandon Lundeen	303-451-2329 303-451-2582		Brandon.Lundeen@qwest.com	Yes	9/14/2004	Received prints for all corridors	4-19-05 Emailed Brandon for more information at Sand Creek

Utility Company	Telephone	Fax	Email	Utility within Project area?	Request Letter Sent	Material Received	Last Action Taken
Comcast Dave Sprout 1617 S. Acoma St. Denver, CO 80223	303-603-5046	303-603-5955	david_sprout@cable.comcast.com	Yes	9/14/2004 1/27/2005	Rcv plans along Gold Line prints and CADD Rcv plans along North Metro prints and CADD	Sent request Follow up on 10-7 11-10 - in email Dave said he plans to have a drafter working on 225 and NM next week Left message 1-24-05 - returned call on 1-25-05 - Still busy, will try to send shortly 1-27-05 Emailed questions about Gold Line 4-19-05 Emailed request for more info at Sand Creek and asked about I-225
Aurora Mall Expansion Engineers Martin and Martin Dwayne Jameson Dan Dalange	303-431-6100			Unkown		not needed with new alignment off ring road	
Aurora Mall Admin	303-344-4120 #6			Unknown		not needed with new alignment off ring road	
Berkeley Sanitation	303-477-1914			No		Called 9-22 because of note on Arvada sanitary sewer map. Have facility west of Sheridan and south of RR. Do not have any lines parallel to or crossing the RR	
Xcel Elec Transmission 550 15th St., Suite 200 Denver, CO 80202 Bill Braasch Andy Schaller	303-571-7082 303-571-7602		andrew.schaller@xcelenergy.com			Received 11x17 large scale GIS printouts of network along cooridors. Have detailed data if needed (GIS coordinates and pictures of each tower)	

**Table B
Utility Crossings - North Metro**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	112th and York	Cable TV	Comcast 1-888-847-4757	Buried			
		North Metro	38th St	CATV	Comcast		Cross		
		North Metro	Colorado Blvd	CATV	Comcast		Cross		2 Lines
		North Metro	84th to 88th Ave	CATV	Comcast		Parallel		
		North Metro	85th Ave	CATV	Comcast		Cross		Multiple
		North Metro	88th Ave	CATV	Comcast		Cross		
		North Metro	North of 88th Ave	CATV	Comcast		Term		2 lines
		North Metro	opposite of Barnhart Street	CATV	Comcast		Term		2 lines
		North Metro	Welby Cir to 94th Ave	CATV	Comcast		Parallel		
		North Metro	Along Colo Blvd north of 100th Ave	CATV	Comcast		Parallel		
		North Metro	104th Ave to Milwaukee St.	CATV	Comcast		Parallel		
		North Metro	Filmore Wy to 107th	CATV	Comcast		Parallel		
		North Metro	128th	CATV	Comcast		Cross		
		North Metro	132nd (Right) to 135th	CATV	Comcast		Parallel		
		North Metro	136th to 139th Pl	CATV	Comcast		Parallel		
		North Metro	137th to 139th Pl	CATV	Comcast		Parallel		
		North Metro	137th	CATV	Comcast		Cross		
		North Metro	145th to 147th	CATV	Comcast		Parallel		
		North Metro	38th St	CATV FO	Comcast		Cross		
		North Metro	85th Ave	CATV FO	Comcast		Cross		
		North Metro	Along Colo Blvd north of 100th Ave	CATV FO	Comcast		Parallel		
		North Metro	104th Ave	CATV FO	Comcast		Cross		4 lines
		North Metro	112th Ave	CATV FO	Comcast		Cross		2 lines
		North Metro	124th Ave	CATV FO	Comcast		Cross		
		North Metro	128th Ave	CATV FO	Comcast		Cross		
		North Metro	85th Ave	CATV FO	Comcast		Cross		
		North Metro	Along Brighton Blvd at Race Ct	Elec	Xcel	transmission 115KV	Cross		Towers
		North Metro	Along Brighton Blvd York to York	Elec	Xcel	transmission 115KV	Both		Towers
		North Metro	Along Brighton Blvd south of 56th	Elec	Xcel	transmission 115KV	Cross		Towers
		North Metro	Along Brighton Blvd south of 56th	Elec	Xcel	transmission 115KV	Cross		Towers
		North Metro	64th Ave	Elec	Xcel	transmission 115KV	Cross		Towers
		North Metro	south of 78th	Elec	Xcel	transmission 115KV	Cross		Towers
		North Metro	south of 78th	Elec	Xcel	Transmission 230KV	Cross		Towers
		North Metro	145th Ct to 146th Pl	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	144th Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		North Metro	139th Pl to 138th Ave	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	139th Pl to 137th Ave	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	136th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	136th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	York at 136th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	York at 136th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	135th Pl to 132nd??	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	135th (Right)	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	134th Ave (Right)	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	132nd (Right)	Elec	Xcel	Primary, 13K	Parallel		Transformer

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Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	131st Cr (Northern piece)	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	131st Cr (Southern piece)	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	128th Ave to 129th Ave	Elec	Xcel	Primary, 13K	Parallel		Multiple Lines
		North Metro	128th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	125th Pl	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Lake Ave (126th)	Elec	Xcel	Primary, 13K	Cross		Poles
		North Metro	Lake Ave (126th) to 124th	Elec	Xcel	Primary, 13K	Parallel		Poles
		North Metro	124th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	124th Ave south to 122nd??	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	120th Ave north to 121st Pl	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	120th Ave north side	Elec	Xcel	Primary, 13K	Cross		
		North Metro	120th Ave south side	Elec	Xcel	Primary, 13K	Cross		
		North Metro	120th Ave south to 116th Wy	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	120th Ave to 108th??	Elec	Xcel	Primary, 13K	Parallel		Poles
		North Metro	112th Ave (north side)	Elec	Xcel	Primary, 13K	Cross		Poles
		North Metro	112th Ave (south side)	Elec	Xcel	Primary, 13K	Cross		Poles
		North Metro	112th Ave to 108th Ave	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	107th to Fillmore Wy	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	Milwaukee (near 106th)	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	106th Ave	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	Adams Ct (near 105th)	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	105th Pl to 104th Ave	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	north of 104th Ave on left	Elec	Xcel	Primary, 13K	Parallel		Transformer
		North Metro	104th Ave (in median)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	104th Ave (South side)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	104th Ave to 103rd Dr	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	104th Ave south to 102??	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Along Colo Blvd north of 100th Ave	Elec	Xcel	Primary, 13K	Parallel		Multiple
		North Metro	100th Ave	Elec	Xcel	Primary, 13K	Cross		Multiple
		North Metro	100th Ave to 96th Ave	Elec	Xcel	Primary, 13K	Parallel		Multiple
		North Metro	94th Dr to Welby Cr	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Eppinger Blvd to Bradley Pl (90th)	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Barnhart St to Bradley Pl (90th) (Right side)	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Roosevelt Ave (~90th)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	88th Ave to McElwain Blvd	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	86th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	83rd Pl	Elec	Xcel	Primary, 13K	Cross		
		North Metro	Steele (north of 79th)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	72nd	Elec	Xcel	Primary, 13K	Cross		
		North Metro	I-76 to 72nd	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Colorado Blvd at 68th	Elec	Xcel	Primary, 13K	Cross		
		North Metro	67th Pl then south along Hansen	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	68th Ave then south beyon Ash Ct	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	64th Ave	Elec	Xcel	Primary, 13K	Cross		

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	Brighton Rd south of 64th (North side)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	Brighton Rd south of 64th (South side)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	along Brighton Rd to York	Elec	Xcel	Primary, 13K	Parallel		Multiple
		North Metro	60th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	south of 60th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	between 56th and 60th	Elec	Xcel	Primary, 13K	Cross		
		North Metro	between 56th and 60th	Elec	Xcel	Primary, 13K	Cross		
		North Metro	56th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	between York and 56th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	between York and 56th Ave	Elec	Xcel	Primary, 13K	Cross		
		North Metro	Race Ct.	Elec	Xcel	Primary, 13K	Cross		
		North Metro	north of Race Ct.	Elec	Xcel	Primary, 13K	Cross		
		North Metro	between Race Ct and York	Elec	Xcel	Primary, 13K	Cross		
		North Metro	48th Ave to I-70	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	North of I-70	Elec	Xcel	Primary, 13K	Cross		
		North Metro	North of I-70	Elec	Xcel	Primary, 13K	Cross		
		North Metro	Ringsby Ct south of Washington	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	Washington St. (38th)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	31st St.	Elec	Xcel	Primary, 13K	Parallel		
		North Metro	North of South Platte River (29th Ave)	Elec	Xcel	Primary, 13K	Cross		
		North Metro	Between Park Ave and 20th	Elec	Xcel	Primary, 13K	Cross		Multiple
		North Metro	Between Park Ave and 20th	Elec	Xcel	Primary, 13K	Parallel		Multiple
		North Metro	19th St	Elec	Xcel	Primary, 13K	Cross		Multiple
318+20	318+20	North Metro	North of York / Brighton	Elec	Xcel	Transmission 115KV	Cross		
327+80	327+80	North Metro	-56th Ave	Elec	Xcel	Transmission 115KV	Cross		
377+50	377+50	North Metro	South fo 64th Ave	Elec	Xcel	Transmission 115KV	Cross		
		North Metro	88th Ave and Devonshire Blvd.	Fiber Optic	Touch America 1-800-922-1987	Buried			
		North Metro	112th and York	Fiber Optic	Warning Fiber Optic Cable 1-80	Buried			
		North Metro	120th Avenue	Fiber Optic	City of Thornton 301-538-7836	Buried			
		North Metro	120th Avenue	Fiber Optic	Warning Fiber Optic Cable 1-80	Buried			
		North Metro	120th Avenue	Fiber Optic	Metro Media 1-888-MFN ASST	Buried			
		North Metro	128th Avenue	Fiber Optic	AT&T 1-800-922-19871	Buried			
		North Metro	York St Underpass BNSF main	ber Optic/Cat	AT&T 1-800-344-3355 or 303-5	Buried			
		North Metro	144th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		Valves
		North Metro	128th Ave (northern side)	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	128th Ave (median)	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	Birch Ave (125th)	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	124th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	120th Ave then north	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		North Metro	along York at 116th	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		North Metro	100th Ave	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	100th Ave then north along Colo Blvd	Gas	Xcel	Gas Main, HP	Parallel		
		North Metro	100th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	100th Ave then north along Colo Blvd	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		North Metro	100th Ave to 88th Ave	Gas	Xcel	Gas Main, HP	Parallel		

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	Barnhart St. (91st)	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	Barnhart St to Bradley Pl (90th)	Gas	Xcel	Gas Main, Low Pressures	Parallel		Services
		North Metro	88th Ave	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	88th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	67th Pl then south along Hansen	Gas	Xcel	Gas Main, HP	Parallel		Services
		North Metro	64th Ave	Gas	Xcel	Gas Main, HP	Cross		Services
		North Metro	Brighton Blvd north of I-270	Gas	Xcel	Gas Main, HP	Cross		Services
		North Metro	North of I-270	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	South of I-270	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	along Brighton south of I-270 into refinery	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	56th Ave	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	56th Ave	Gas	Xcel	Gas Main, HP	Parallel		
		North Metro	between York and Race Ct	Gas	Xcel	Service	Cross		
		North Metro	Race Ct.	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	47th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	North of I-70	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	Washington St. (38th)	Gas	Xcel	Gas Main, Low Pressures	Cross		
		North Metro	31st St.	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	19th St	Gas	Xcel	Gas Main, HP	Cross		
		North Metro	north of 128th	Irr Ditch	Signal Ditch	Open Ditch	Cross		
		North Metro	south of 156th	Irr Ditch	German Ditch	Open Ditch	Cross	2 Times	Culverts
		North Metro	between 156th and 160th	Irr Ditch	German Ditch	Open Ditch	Cross	3 Times	Culverts
		North Metro	South of 88th	Irr Ditch	by Thornton	Open Ditch	Cross		Culverts
		North Metro	South of 88th	Irr Ditch	by Thornton	Open Ditch	Cross		Culverts
		North Metro	160th Ave	Phone	Qwest	Buried	Cross		
		North Metro	156th Ave	Phone	Qwest	Buried	Cross		
		North Metro	148th	Phone	Qwest	Buried	Cross		
		North Metro	144th	Phone	Qwest	Buried	Cross		
		North Metro	139th Dr	Phone	Qwest	Buried	Cross		
		North Metro	139th Ave to 136 Ave	Phone	Qwest	Buried	Parallel		Multiple Lines
		North Metro	139th Dr to 138th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	137th Pl to 137th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	136th Ave	Phone	Qwest	Buried	Cross		
		North Metro	York at 136th Ave	Phone	Qwest	Buried	Cross		
		North Metro	Gaylord Pl to 135th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	135th Ave to Vine Ct (132nd)	Phone	Qwest	Buried	Parallel		
		North Metro	York Wy (135th) to 134th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	near 133 Wy	Phone	Qwest	Buried	Parallel		
		North Metro	Vine Ct to 131 Ct	Phone	Qwest	Buried	Parallel		
		North Metro	131 Ct to end of 131 Cr	Phone	Qwest	Buried	Parallel		
		North Metro	129th Ave to 128th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	128th Ave	Phone	Qwest	Buried	Cross		Multiple Lines
		North Metro	128th Ave to Birch Ave	Phone	Qwest	Buried	Parallel		
		North Metro	Lake Ave (126th)	Phone	Qwest	Buried	Cross		
		North Metro	south of 124th to 120th Ave	Phone	Qwest	Overhead	Parallel		

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	120th Ave	Phone	Qwest	Buried	Cross		Multiple Lines
		North Metro	119th Pl to W. Lavina Ln	Phone	Qwest	Buried	Parallel		Multiple Lines
		North Metro	116th Pl to 112th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	112th Ave	Phone	Qwest	Buried	Cross		Multiple
		North Metro	112th Ave to 108th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	111th Dr to 109th Dr	Phone	Qwest	Buried	Parallel		
		North Metro	107th to Fillmore Wy	Phone	Qwest	Buried	Parallel		
		North Metro	Milwaukee (near 106th) to 104th Pl	Phone	Qwest	Buried	Parallel		
		North Metro	104th Pl	Phone	Qwest	Buried	Parallel		
		North Metro	north of 104th Ave on left	Phone	Qwest	Buried	Parallel		
		North Metro	104th Ave (North side)	Phone	Qwest	Buried	Cross		Maybe
		North Metro	104th Ave (South side)	Phone	Qwest	Buried	Cross		
		North Metro	104th Ave to 103rd Dr	Phone	Qwest	Buried	Parallel		Multiple
		North Metro	103rd Cr to 103rd Dr (right side)	Phone	Qwest	Buried	Parallel		
		North Metro	From 100th Ave north along Colo blvd	Phone	Qwest	Buried	Parallel		Multiple
		North Metro	100th Ave (North side)	Phone	Qwest	Buried	Cross		
		North Metro	100th Ave (South side)	Phone	Qwest	Buried	Cross		
		North Metro	99th Cr (northern)	Phone	Qwest	Buried	Cross		
		North Metro	99th Pl to 99th Wy	Phone	Qwest	Buried	Parallel		
		North Metro	99th Cr (southern) to 98th Dr	Phone	Qwest	Buried	Parallel		
		North Metro	97th Pl to 96th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	94th Dr to Welby Cr	Phone	Qwest	Buried	Parallel		
		North Metro	Eppinger Blvd to Bradley Pl	Phone	Qwest	Overhead	Parallel		
		North Metro	Along Welby Rd north of 88th Ave	Phone	Qwest	Buried	Parallel		
		North Metro	88th Ave to McElwain Blvd	Phone	Qwest	Buried	Parallel		
		North Metro	88th Ave to Steele (north of 74th)	Phone	Qwest	Buried	Parallel		
		North Metro	86th Ave	Phone	Qwest	Buried	Cross		
		North Metro	McElwain Blvd (85th)	Phone	Qwest	Buried	Cross		
		North Metro	Steele (north of 79th)	Phone	Qwest	Buried	Cross		Multiple
		North Metro	78th Ave to 72nd Ave	Phone	Qwest	Buried	Parallel		
		North Metro	North of 74th	Phone	Qwest	Buried	Cross		
		North Metro	South of 74th	Phone	Qwest	Buried	Cross		
		North Metro	68th Ave	Phone	Qwest	Buried	Cross		
		North Metro	from 68th south to Ash Ct	Phone	Qwest	Overhead	Parallel		
		North Metro	Colorado Blvd at 68th	Phone	Qwest	Overhead	Cross		
		North Metro	64th Ave	Phone	Qwest	Buried	Cross		Multiple
		North Metro	Brighton Rd south of 64th	Phone	Qwest	Overhead	Cross		Multiple
		North Metro	South of I-270	Phone	Qwest	Buried	Cross		
		North Metro	I-270 to York	Phone	Qwest	Overhead	Parallel		
		North Metro	I-270 to York (multiple locations)	Phone	Qwest	Buried	Cross		Multiple
		North Metro	Columbine	Phone	Qwest	Overhead	Cross		
		North Metro	Race Ct.	Phone	Qwest	Buried	Cross		
		North Metro	47th Ave (ped underpass)	Phone	Qwest	Buried	Cross		
		North Metro	47th Ave (ped underpass) towards I-70	Phone	Qwest	Overhead	Parallel		
		North Metro	Washington St. (38th)	Phone	Qwest	Buried	Cross		Multiple

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	south of Washington (38th)	Phone	Qwest	Buried	Parallel		
		North Metro	31st	Phone	Qwest	Buried	Parallel		
		North Metro	Park Ave West	Phone	Qwest	Buried	Cross		Multiple
		North Metro	Between Park Ave and 20th	Phone	Qwest	Buried	Cross		
		North Metro	20th Ave	Phone	Qwest	Buried	Cross		
		North Metro	19th	Phone	Qwest	Buried	Cross		
		North Metro	Park Ave West to 19th	Phone	Qwest	Buried	Parallel		Multiple
		North Metro	east 67th place	Phone	Qwest	Buried	Cross		
		North Metro	64th ave	Phone	Qwest	Buried	Cross		
		North Metro	near 79th and Steel	San Swr	Metro WW		Cross		MH
		North Metro	88th Ave	San Swr	Thornton	18"	Cross		MH
		North Metro	North of 88th Ave	San Swr	Thornton	8"	Cross		MH
		North Metro	Barnhart St. (91st)	San Swr	Thornton	8"	Cross		MH
		North Metro	~92nd	San Swr	Thornton	8"	Cross		MH
		North Metro	~94th	San Swr	Thornton	21"	Cross		MH
		North Metro	~103rd	San Swr	Thornton	12"	Cross		MH
		North Metro	south of 104th	San Swr	Thornton	8"	Parallel		MH
		North Metro	~107th	San Swr	Thornton	27"	Cross		MH
		North Metro	128th Ave	San Swr	Thornton	18"	Cross		MH
		North Metro	133rd	San Swr	Thornton	8"	Cross		MH
		North Metro	135th	San Swr	Thornton	8"	Cross		MH
		North Metro	139TH	San Swr	Thornton	15"	Cross		MH
		North Metro	north of 160th	San Swr	Thornton		Parallel		MH
		North Metro	southwest of I-270	San Swr	Metro WW		Cross		
		North Metro	southwest of I-270	San Swr	Metro WW		Cross		
		North Metro	at South Platte River	San Swr	Metro WW		Cross		
		North Metro	Denargo St.	San Swr	Metro WW		Cross		
		North Metro	North of 160th	San Swr	Thornton		Cross		
		North Metro	Brighton Rd	San Swr	South Adams	8" VCP	Cross		
		North Metro	64th Ave	San Swr	South Adams	8" VCP	Cross		
		North Metro	Colorado Blvd south of 68th	San Swr	South Adams	10" VCP	Cross		MH
		North Metro	68th Ave	San Swr	South Adams	10" PVC	Cross		
		North Metro	112th Ave	San Swr	Northglenn	Force Main	Cross		
		North Metro	18th St.	San Swr	Denver	1'9" x 2'7.5" Brick	Cross		
		North Metro	19th St.	San Swr	Denver	30" PVC in Stl Casing	Cross		
		North Metro	22nd St.	San Swr	Denver	18" PVC in 30" Stl Casing	Cross		
		North Metro	31st St.	San Swr	Denver	24" Tile	Cross		
		North Metro	I-70	San Swr	Metro WW / Denver	77" Brick	Parallel		
		North Metro	North of I-70	San Swr	Metro WW / Denver	77" Brick	Cross		
		North Metro	North of I-70	San Swr	Metro WW / Denver	78" RCP	Cross		
		North Metro	North of I-70	San Swr	Denver	12" in concrete	Cross		
		North Metro	47th Ave	San Swr	Denver	15"	Parallel		
		North Metro	Washington St.	San Swr	Denver	8"	Cross		
		North Metro	North of Race St along Brighton Blvd	San Swr	Denver	48" RCP	Cross		
366+60	366+60	North Metro	61st	San Swr	Metro WW		Cross		MH

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
366+80	366+80	North Metro	61st	San Swr	Metro WW		Cross		MH
380+90	380+90	North Metro	64th Ave	San Swr	South Adams	8" VCP	Cross		MH
381+10	381+10	North Metro	64th Ave	San Swr	South Adams	6" PVC Force	Cross		
		North Metro	121st Pl	Storm Ditch	Thornton	Open Ditch	Term		
		North Metro	139th Pl to 140th Ave	Storm Ditch	Thornton	Open Ditch	Parallel		
		North Metro	116th Pl to 112th Ave	Storm Ditch		Open Ditch	Parallel		
		North Metro	North of 88th Ave	Storm Swr	Thornton	unknown	Cross		FES
		North Metro	North of 88th Ave	Storm Swr	Thornton	unknown	Cross		FES
		North Metro	Roosevelt Ave (~90th)	Storm Swr	Thornton	36" CMP	Cross		FES
		North Metro	Eppinger Blvd	Storm Swr	Thornton	unknown	Cross		FES
		North Metro	~94th	Storm Swr	Thornton	36" Iron (x 2 each??)	Cross		FES
		North Metro	98th Ave	Storm Swr	Thornton	18"	Cross		FES
		North Metro	99th Way	Storm Swr	Thornton	18"	Term		FES
		North Metro	99th Pl	Storm Swr	Thornton	24"	Cross		FES
		North Metro	100th Ave	Storm Swr	Thornton	Multiple	Both		FES
		North Metro	103rd Cr	Storm Swr	Thornton	36" Steel	Cross		FES
		North Metro	103rd Road (east side of tracks)	Storm Swr	Thornton	18"	Parallel		FES
		North Metro	103rd Road	Storm Swr	Thornton	48" RCP	Parallel		FES
		North Metro	104th Ave (north of intersection)	Storm Swr	Thornton	?	Cross		FES
		North Metro	104th Ave (south of intersection)	Storm Swr	Thornton	?	Cross		FES
		North Metro	104 Ave (west of intersection)	Storm Swr	Thornton	24" RCP	Parallel		FES
		North Metro	104 Ave (east of intersection)	Storm Swr	Thornton	18" Steel	Term		FES
		North Metro	~106th	Storm Swr	Thornton	?	Cross		FES
		North Metro	~107th	Storm Swr	Thornton	24"	Cross		FES
		North Metro	~107th	Storm Swr	Thornton	24"	Cross		FES
		North Metro	~108th	Storm Swr	Thornton	99" ?? CMP	Cross		FES
		North Metro	120th Ave (west side)	Storm Swr	Thornton	24" RCP	Parallel		FES
		North Metro	120th Ave (east side)	Storm Swr	Thornton	18" RCP	Parallel		FES
		North Metro	120th Ave (west side)	Storm Swr	Thornton	42" ?? RCP	Term		FES
		North Metro	124th Ave	Storm Swr	Thornton	24"	Parallel		FES
		North Metro	124th Ave	Storm Swr	Thornton	18" RCP	Parallel		FES
		North Metro	128th Ave	Storm Swr	Thornton	Multiple - Thornton plans not clear	All		FES
		North Metro	132nd	Storm Swr	Thornton	18"	Term		FES
		North Metro	south of 136th Ave next to Gaylord Dr	Storm Swr	Thornton	24" RCP	Cross		FES
		North Metro	136th Ave (east side)	Storm Swr	Thornton	21" RCP	Parallel		FES
		North Metro	136th Ave (west side)	Storm Swr	Thornton	24" RCP	Parallel		FES
		North Metro	north of 136th Ave	Storm Swr	Thornton		Cross		FES
		North Metro	139th Pl	Storm Swr	Thornton	48"	Term		FES
		North Metro	140th Ave	Storm Swr	Thornton	27" RCP	Term		FES
		North Metro	from 140th Ave to the north	Storm Swr	Thornton	42" RCP	Parallel		FES
		North Metro	20th St.	Storm Swr	Denver	72" RCP	Cross		Inlets
		North Metro	20th St. (Northern pipe)	Storm Swr	Denver	24" RCP	Cross		Inlets
		North Metro	North of South Platte River (29th Ave)	Storm Swr	Denver	42"	Cross		
		North Metro	South of I-70	Storm Swr	Denver	30" RCP	Cross		
		North Metro	I-70 (Need revised plans)	Storm Swr	Denver	24"	Cross		

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	47th Ave	Storm Swr	Denver	21"	Cross		
		North Metro	North of 47th Ave (along NWSS Stable)	Storm Swr	Denver	18"	Parallel		
		North Metro	Race Ct.	Storm Swr	Denver	72" RCP	Cross		
		North Metro	York St Underpass BNSF main	Storm Swr	Denver	2'8" x 4' BP	Cross		
		North Metro	113th Ave	Storm Swr		Pipe and open ditch	Cross		Multiple
		North Metro	122nd	Storm Swr		Pipe and open ditch	Cross		Multiple
		North Metro	south of 100th ave	Storm Swr		Pipe and open ditch	Cross		
		North Metro	South of 88th	Storm Swr		Bridge and open ditch	Cross		
		North Metro	88th Ave	Water	Thornton	10"	Cross		
		North Metro	88th Ave	Water	Thornton	10"	Cross		
		North Metro	88th Ave	Water	Thornton	16"	Cross		
		North Metro	Barnhart St. (91st)	Water	Thornton	8"	Cross		
		North Metro	Thornton Parkway	Water	Thornton	24"	Cross		
		North Metro	Thornton Parkway	Water	Thornton	36"	Cross		
		North Metro	100th Ave	Water	Thornton	12"	Cross		
		North Metro	north of 100th on Colorado Blvd	Water	Thornton	24"	Parallel		
		North Metro	~103rd	Water	Thornton	12"	Cross		
		North Metro	104th Ave	Water	Thornton	12"	Cross		
		North Metro	from 103rd to 104th	Water	Thornton	12"	Parallel		
		North Metro	near 106th	Water	Thornton	8"	Parallel		
		North Metro	112th	Water	Thornton	24"	Cross		
		North Metro	115th to 124th	Water	Thornton	24"	Parallel		
		North Metro	116th Pl to Elizabeth	Water	Thornton	12"	Parallel		
		North Metro	118th to 124th	Water	Thornton	16"	Parallel		
		North Metro	south of 120th Ave	Water	Thornton	6"	Cross	2 times	
		North Metro	Lake and First St.	Water	Thornton	8"	Term		FH
		North Metro	128th Ave	Water	Thornton	24"	Cross		MH
		North Metro	~129th	Water	Thornton	8"	Parallel		
		North Metro	136th	Water	Thornton	24"	Cross		
		North Metro	south of 136th	Water	Thornton	24"	Parallel		
		North Metro	south of 136th	Water	Thornton	12"	Term		Plug
		North Metro	North of I-270	Water	South Adams	6"	Cross		
		North Metro	Brighton Rd	Water	South Adams	6"	Cross		
		North Metro	64th Ave	Water	South Adams	12" (partially in steel casing)	Cross		
		North Metro	Colorado Blvd south of 68th	Water	South Adams	12" (partially in 24" steel casing)	Cross		
		North Metro	Colorado Blvd south of 68th into private drive	Water	South Adams	8"	Cross		
		North Metro	68th Ave	Water	South Adams	10"	Cross		
		North Metro	19th	Water	Denver Water	16" Main	Cross		
		North Metro	North of 20th half way to Park Ave West	Water	Denver Water	12" Main	Cross		
		North Metro	31st (behind RR/RTD building)	Water	Denver Water	8" Main PVC	Parallel		Valves / FH
		North Metro	38th St	Water	Denver Water	8" Main	Cross		
		North Metro	38th St	Water	Denver Water	16" Main	Cross		
		North Metro	North of I-70	Water	Denver Water	12" Main	Cross		
		North Metro	North of I-70 to 47th Ave	Water	Denver Water	8" Main	Parallel		

Table B
Utility Crossings - North Metro

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		North Metro	North of 47th Ave	Water	Denver Water	8" Main and hydrants	Term		Valves / FH
		North Metro	Race Ct.	Water	Denver Water	>20" Main	Cross		
		North Metro	Race Ct.	Water	Denver Water	12" Main	Cross		
		North Metro	York St Underpass BNSF main	Water	Denver Water	12" Main	Cross		
		North Metro	York St Underpass BNSF main	Water	Denver Water	>20" Main	Cross		
		North Metro	80th Ave at Steele	Water	Denver Water	8" Main	Cross		
		North Metro	McElwain Blvd (85th)	Water	Denver Water	8" Main w/ liner	Cross		
381+00	381+00	North Metro	64th Ave	Water	South Adams	6"	Cross		

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Ward Road	CATV	Comcast		Cross		
		Gold	Ward Road to Tabor	CATV	Comcast		Parallel		
		Gold	Ward Road to Tabor	CATV	Comcast		Parallel		
		Gold	Van Gordon	CATV	Comcast		Term		
		Gold	Tabor St.	CATV	Comcast		Cross		
		Gold	Tabor St then east	CATV	Comcast		Parallel		
		Gold	Quail St. to Miller St.	CATV	Comcast		Parallel		
		Gold	1500 ft east of Quail St.	CATV	Comcast		Cross		
		Gold	Parfet St.	CATV	Comcast		Cross		
		Gold	Miller St to Garrison	CATV	Comcast		Parallel		
		Gold	Garrison St. to Dudley Ct.	CATV	Comcast		Parallel		
		Gold	Garrison to Estes St.	CATV	Comcast		Parallel		
		Gold	Estes St. to Carr St.	CATV	Comcast		Parallel		
		Gold	Dudley Ct. to Brentwood Dr.	CATV	Comcast		Parallel		
		Gold	Carr St. to beyond Yarrow	CATV	Comcast		Parallel		
		Gold	Allison St. to beyond Yarrow	CATV	Comcast		Parallel		
		Gold	Yarrow St.	CATV	Comcast		Cross		
		Gold	Allison St.	CATV	Comcast		Cross		
		Gold	Allison St. to Olde Wadsworth	CATV	Comcast		Parallel		
		Gold	Olde Wadsworth	CATV	Comcast		Cross		
		Gold	Wadsworth to Nolan St.	CATV	Comcast		Parallel		
		Gold	Wadsworth to Lamar	CATV	Comcast		Parallel		
		Gold	Lamar St.	CATV	Comcast		Cross		
		Gold	Lamar then east 500 ft	CATV	Comcast		Parallel		
		Gold	Tennyson St.	CATV	Comcast		Cross		
		Gold	Tennyson St.	CATV	Comcast		Cross		
		Gold	Lowell Blvd	CATV	Comcast		Cross		
		Gold	Pecos	CATV	Comcast		Cross		
		Gold	43rd Ave	CATV	Comcast		Cross		
		Gold	43rd Ave	CATV	Comcast		Cross		
		Gold	20th St to DUS	CATV	Comcast		Multi		
		Gold	Ward Road to Tabor	CATV FO	Comcast		Parallel		
		Gold	Carr St.	CATV FO	Comcast		Cross		
		Gold	Lowell Blvd	CATV FO	Comcast		Cross		
		Gold	Lowell Blvd	CATV FO	Comcast		Cross		
		Gold	18th and Wewatta	CATV FO	Comcast		Cross		
		Gold	End of Line to 3150' W. of Ward	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	From pt 200 ft west of Ward to Tabor St.	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Ward Road	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Tabor St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Tabor St. to Yarrow St (W of Wadsworth)	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	between Robb St. and Parfet St	Elec	Xcel	Transmission 230KV and 115KV	Cross		Towers
		Gold	Parfet St.	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Parfet St.	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Oak St	Elec	Xcel	Primary, 13K	Cross		Poles

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Nelson St	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Nelson St	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Nelson St	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Nelson St to Independence St	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	west of Miller St	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Miller St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	West of Kipling	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Kipling	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Kipling	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Kipling	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	East of Kipling	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	between Johnson and Jellison St	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	between Jellison and Iris St	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	from Johnson to Garland	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	from east of Garrison to Estes St	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	from east of Estes St. to Carr St	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Carr St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Balsam St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Brentwood St to Balsam St.	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Allison St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	near Yarrow St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	near Yarrow St. to Old Wadsworth	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Old Wadsworth	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Vance St	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Upham St	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Saulsbury St. to Lamar St	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Marshall St.	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	near Newland	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	Lamar St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	from Lamar to the East	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	East of Ralston Rd	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Sheridan Frontage Road	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	from Sheridan back to west	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	from Sheridan back to west	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	East of Sheridan	Elec	Xcel	Primary, 13K (Underground??)	Parallel		Poles
		Gold	Tennyson St.	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Tennyson St.	Elec	Xcel	Primary, 13K	Term		Poles
		Gold	west of Tennyson St.	Elec	Xcel	Primary, 13K (Underground??)	Parallel		Poles
		Gold	Lowell Blvd	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Lowell Blvd	Elec	Xcel	Primary, 13K	Tem		Poles
		Gold	Federal Blvd	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Federal Blvd west for ~450'	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Federal Blvd east for ~1000'	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	Along 60th Ave North of I-76	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	North of 60th Ave	Elec	Xcel	Primary, 13K	Cross		Poles

**Table C
Utility Crossings - Gold Line**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Pecos	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	Pecos to I-76	Elec	Xcel	Transmission 230KV and 115KV	Parallel		Towers
		Gold	56th Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	56th Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	52nd ??	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	48th Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	43rd Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	43rd Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	43rd Ave to 41st	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	41st Ave	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	South of I-25	Elec	Xcel	Primary, 13K	Parallel		Poles
		Gold	South of I-25	Elec	Xcel	Primary, 13K	Cross		Poles
		Gold	20TH ST	Elec	Xcel	Transmission 230KV	Cross		Towers
		Gold	20th St to I-70	Elec	Xcel	Transmission 230KV and 115KV	Parallel		Towers
		Gold	I-70	Elec	Xcel	Transmission 230KV and 115KV	Cross		Towers
		Gold	I-76	Elec	Xcel	Transmission 230KV and 115KV	Cross		Towers
		Gold	Along Wewatta at 18th St.	Elec	Xcel	Primary, 13K	Cross		Multiple
		Gold	Chestnut at 18th St.	Elec	Xcel	Primary, 13K	Cross		Multiple
		Gold	20th St	Elec	Xcel	Primary, 13K	Cross		Multiple
		Gold	20th St north to South Platte River	Elec	Xcel	Primary, 13K	Cross		???
		Gold	Pecos St.	Fiber Optic	ICG 1-800-738-4835	Buried			
		Gold		Fiber Optic	Level 3 1-877-8344	Buried			
		Gold	Pecos St.	Fiber Optic	Metro Media 1-888-MFN ASST	Buried			
		Gold	W. 48th Avenue	Fiber Optic	Level 3 1-877-8344	Buried			
		Gold	Lowell Blvd.	Fiber Optic	MCI 1-800-MCI WORK	Buried			
		Gold	Tennyson St.	Fiber Optic	MCI 1-800-MCI WORK	Buried			
		Gold	Tennyson St.	Fiber Optic	Qwest 1-800-AT FIBER	Buried			
		Gold	End of Line to ~150' west of Ward Road	Gas	Xcel	Gas Main - High Pressure	Parallel		
		Gold	~150' west of Ward Road	Gas	Xcel	Gas Main - High Pressure	Cross		
		Gold	from ~150 west of Ward Road to east of Parfet St.	Gas	Xcel	Gas Main - High Pressure	Parallel		
		Gold	900' west of Ward Road	Gas	Xcel	Gas Service - Low Pressure	Cross		
		Gold	575' west of Ward Road	Gas	Xcel	Gas Service - Low Pressure	Cross		
		Gold	Ward Road	Gas	Xcel	Gas Main - Low Pressure	Cross		Valves
		Gold	Tabor St.	Gas	Xcel	Gas Main - Low Pressure	Cross		
		Gold	East of Parfet St.	Gas	Xcel	Gas Main - High Pressure	Cross		
		Gold	East of Parfet St. to west of Miller St	Gas	Xcel	Gas Main - High Pressure	Parallel		
		Gold	west of Miller St	Gas	Xcel	Gas Main - High Pressure	Cross		
		Gold	Quail St. to Millet St.	Gas	Xcel	Gas Main - IP	Parallel		Out of ROW
		Gold	Parfet St.	Gas	Xcel	Gas Main - IP	Cross		Valves
		Gold	Millet St.	Gas	Xcel	Gas Main - IP	Cross		
		Gold	west of Millet St.	Gas	Xcel	Gas Main - IP	Cross		
		Gold	west of Millet St to Kipling	Gas	Xcel	Gas Main - IP	Parallel		Out of ROW
		Gold	Miller St.	Gas	Xcel	Gas Main - Low Pressure	Cross		
		Gold	Miller St. to Independence	Gas	Xcel	Gas Main - Low Pressure	Parallel		Out of ROW

**Table C
Utility Crossings - Gold Line**

Stations		Corridor	Location	Utility	Owner	Existing Information				
Begin	End					Type/Size	Direction	Length	Structures	
		Gold	west of Kipling	Gas	Xcel	Gas Service - Low Pressure	Cross			
		Gold	west of Kipling	Gas	Xcel	Gas Service - Low Pressure	Cross			
		Gold	Kipling	Gas	Xcel	Gas Main - IP	Term			
		Gold	Kipling to Independence	Gas	Xcel	Gas Main - IP	Parallel			
		Gold	Independence	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Garrison St.	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Estes Street	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Carr St.	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Carr St.	Gas	Xcel	Gas Main - IP	Cross			
		Gold	Carr St. then east along track for ~175'	Gas	Xcel	Gas Main - Low Pressure	Parallel			
		Gold	Balsam St.	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Balsam St. then east along track for ~300'	Gas	Xcel	Gas Main - Low Pressure	Parallel			
		Gold	East of Balsam St	Gas	Xcel	Gas Service - Low Pressure	Term			
		Gold	Along West Reno Dr from Allison to Old Wadsworth	Gas	Xcel	Gas Main - Low Pressure	Parallel			Multiple Services
		Gold	Allison St.	Gas	Xcel	Gas Main - Low Pressure	Term			
		Gold	Old Wadsworth	Gas	Xcel	Gas Main - Low Pressure	Term			2 Services
		Gold	Upham St. to Lamar St.	Gas	Xcel	Gas Main - IP	Parallel			
		Gold	Lamar St.	Gas	Xcel	Gas Main - IP	Cross			
		Gold	Vance St	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Saulsbury	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	along RR Frontage Road from Wadsworth to point 1100' West of Lamar	Gas	Xcel	Gas Main - Low Pressure	Parallel			Multiple Services
		Gold	Lamar St.	Gas	Xcel	Gas Main - Low Pressure	Cross			Valves
		Gold	Lamar St. to point 750' east of Lamar	Gas	Xcel	Gas Main - Low Pressure	Parallel			Services
		Gold	Sheridan Frontage Road	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Sheridan Frontage Road to the west	Gas	Xcel	Gas Service - Low Pressure	Parallel			Outside ROW
		Gold	Sheridan Frontage Road to the west	Gas	Xcel	Gas Service - Low Pressure	Parallel			Outside ROW
		Gold	Sheridan Frontage Road to the east	Gas	Xcel	Gas Service - Low Pressure	Parallel			Outside ROW
		Gold	Tennyson St.	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	near Vrain St.	Gas	Xcel	Gas Service - Low Pressure	Parallel			Outside ROW
		Gold	Federal Blvd.	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Federal Blvd.	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Along 60th Ave North of I-76	Gas	Xcel	Gas Main - Low Pressure	Cross			
		Gold	Pecos	Gas	Xcel	Gas Main - IP	Cross			Multiple Services
		Gold	43rd Ave	Gas	Xcel	Gas Main - IP	Cross			
		Gold	43rd to 45th	Gas	Xcel	Gas Main - IP	Parallel			
		Gold	South of I-25	Gas	Xcel	Gas Main - IP	Cross			
		Gold	South of I-25	Gas	Xcel	Gas Main - IP	Parallel			Services
		Gold	North of South Platte River	Gas	Xcel	Gas Main - IP	Cross			Services
		Gold	Along Wewatta at 18th St.	Gas	Xcel	Gas Main, HP	Cross			
		Gold	Chestnut at 18th St.	Gas	Xcel	Gas Main, HP	Cross			
		Gold	19th St	Gas	Xcel	Gas Main, HP	Cross			
		Gold	19th St	Gas	Xcel	Gas Main, IP	Cross			

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	20th St north to South Platte River	Gas	Xcel	Gas Main	Cross		???
		Gold	I-25	Irr Ditch	Farmers and Gardeners Ditch	36" Conc	Cross		
		Gold	Independence to ~9250 Highland Pl	Irr Ditch	Swadley Ditch	36" RCP off ROW	Parallel		MH
		Gold	~9250 Highland Pl	Irr Ditch	Swadley Ditch	36" RCP	Cross		Diversion Box
		Gold	9305 53rd Pl	Irr Ditch	Swadley Ditch	6" PVC	Parallel		EOP
		Gold	~9250 Highland Pl to Garrison St.	Irr Ditch	Allen-Reno Ditch	18" RCP	Parallel		MH, EOP
		Gold	Garrison St. to Carr St.	Irr Ditch	Allen-Reno Ditch	Open Ditch	Parallel		
		Gold	Carr St	Irr Ditch	Allen-Reno Ditch	24" RCP	Cross		Irr Box, MH
		Gold	Carr St to Wadsworth Ditch	Irr Ditch	Allen-Reno Ditch	Piped, outside of ROW	Parallel		MH
		Gold	Carr St to Wadsworth Ditch	Irr Ditch	Allen-Reno Ditch	Lateral, partial in ROW	Parallel		MH
		Gold	East of Balsam St	Irr Ditch	Wadsworth Ditch	Piped	Cross		MH
		Gold	from east of Balsam St to Allison St	Irr Ditch	Wadsworth Ditch	Piped	Parallel		MH
		Gold	Allison St.	Irr Ditch	Wadsworth Ditch	Piped - Abandoned	Cross		Head gate
		Gold	Allison St.	Irr Ditch	Wadsworth Ditch	Piped - Abandoned	Cross		Head gate
		Gold	Allison St. to Yukon	Irr Ditch	Wadsworth Ditch	Pipe	Parallel		
		Gold	Lamar St.	Irr Ditch	Wadsworth Ditch	Pipe	Cross		MH
		Gold	Lamar St.	Irr Ditch	Wadsworth Ditch	Pipe (maybe)	Cross		MH
		Gold	6601&6555 Grandview	Irr Ditch	Wadsworth Ditch	Lateral, piped	Cross		
		Gold	1275' West of Sheridan	Irr Ditch	Pachello Lateral	Unknown	Cross		
		Gold	east of Robb St	Irr Ditch		Open Ditch	Cross		
		Gold	East of Pecos	Irr Ditch	Fisher Ditch	Open Ditch	Cross		New siphon
		Gold	Ward Road	Phone	Qwest	Overhead	Cross		
		Gold	Ward Road	Phone	Qwest	Buried	Cross		Multiple Lines
		Gold	Ward Road to Tabor	Phone	Qwest	Overhead	Parallel		
		Gold	Tabor	Phone	Qwest	Buried	Cross		Multiple Lines
		Gold	Tabor to Kipling	Phone	Qwest	Buried	Parallel		Multiple Lines
		Gold	Tabor to Kipling	Phone	Qwest	Overhead	Parallel		Multiple Lines
		Gold	Parfet St.	Phone	Qwest	Buried	Cross		
		Gold	Nelson St.	Phone	Qwest	Buried	Cross		
		Gold	Miller St.	Phone	Qwest	Buried	Cross		Multiple Lines
		Gold	Miller St.	Phone	Qwest	Buried	Cross		
		Gold	No Name Road between Kipling and Miller	Phone	Qwest	Buried	Cross		Multiple Lines
		Gold	Kipling to Jellison	Phone	Qwest	Buried	Parallel		Multiple Lines
		Gold	Kipling to Independence	Phone	Qwest	Overhead	Parallel		
		Gold	from Johnson to Garrison	Phone	Qwest	Overhead	Parallel		
		Gold	from Johnson to Garland	Phone	Qwest	Overhead	Parallel		
		Gold	from Field to Estes	Phone	Qwest	Overhead	Parallel		
		Gold	from Garrison to Dudley	Phone	Qwest	Overhead	Parallel		
		Gold	from Dudley to Carr	Phone	Qwest	Overhead	Parallel		
		Gold	from Dudley to Cody Ct.	Phone	Qwest	Overhead	Parallel		
		Gold	Intersection of Reno and Balsam	Phone	Qwest	Buried	???		Qwest ID, not conn
		Gold	Allison to Yukon	Phone	Qwest	Overhead	Parallel		
		Gold	Old Wadsworth	Phone	Qwest	Buried	Cross		Multiple
		Gold	Zephyr to Old Wadsworth	Phone	Qwest	Overhead	Parallel		
		Gold	Vance St	Phone	Qwest	Buried	Cross		Multiple

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Wadsworth Bypass	Phone	Qwest	Buried	Cross		
		Gold	Saulsbury	Phone	Qwest	Buried	Cross		Multiple
		Gold	Saulsbury to the east	Phone	Qwest	Overhead	Parallel		
		Gold	Saulsbury to Lamar	Phone	Qwest	Buried	Parallel		Multiple
		Gold	Lamar St.	Phone	Qwest	Buried	Cross		Multiple
		Gold	Lamar St. back to the west	Phone	Qwest	Buried	Parallel		
		Gold	Ralston Road	Phone	Qwest	Buried	Parallel		
		Gold	Sheridan Frontage Road	Phone	Qwest	Overhead	Cross		Multiple
		Gold	Sheridan Frontage Road	Phone	Qwest	Overhead	Parallel		Multiple
		Gold	Tennyson St.	Phone	Qwest	Buried	Cross		Multiple
		Gold	Lowell Blvd	Phone	Qwest	Buried	Cross		Multiple
		Gold	Federal	Phone	Qwest	Buried	Cross		
		Gold	Federal	Phone	Qwest	Overhead	Parallel		
		Gold	from Federal to the east for 1000'	Phone	Qwest	Overhead	Parallel		
		Gold	Along 60th Ave North of I-76	Phone	Qwest	Overhead	Cross		
		Gold	Pecos	Phone	Qwest	Buried	Cross		
		Gold	48th Ave	Phone	Qwest	Buried	Cross		
		Gold	48th Ave	Phone	Qwest	Overhead	Cross		
		Gold	41st Ave	Phone	Qwest	Overhead	Cross		
		Gold	46th to 39th	Phone	Qwest	Buried	Parallel		
		Gold	38th Ave	Phone	Qwest	Buried	Cross		
		Gold	South of I-25	Phone	Qwest	Buried	Cross		Multiple
		Gold	near Globeview Rd	Phone	Qwest	Buried	Parallel		
		Gold	near Basset and 20th	Phone	Qwest	Buried	Cross		Multiple
		Gold	19th	Phone	Qwest	Buried	Cross		Multiple
		Gold	18th	Phone	Qwest	Buried	Cross		
		Gold	along existing approach to Union Station	Phone	Qwest	Buried	Parallel		
		Gold	West of Kipling	San Swr	Private in Arvada		Cross		MH
		Gold	West of Balsam Ct	San Swr	Arvada	10" PVC	Cross		MH
		Gold	Old Wadsworth	San Swr	Arvada	8" VCP	Cross		MH
		Gold	Wadsworth	San Swr	Arvada	10" PVC	Cross		MH
		Gold	Lamar St.	San Swr	Arvada	10" CI - Abandoned	Cross		MH
		Gold	~285' East along Railroad of Intersection between Ralston Road and RR	San Swr	Arvada	30" RCP	Cross		MH
		Gold	~285' East along Railroad of Intersection between Ralston Road and RR	San Swr	Arvada	36" RCP	Cross		MH
		Gold	Tennyson St.	San Swr	Arvada	30" VCP	Cross		MH
		Gold	at South Platte River	San Swr	Metro WW		Cross		
		Gold	at Union Station	San Swr	Metro WW		Parallel		
		Gold	South of I-25	San Swr	Metro WW		Cross		
		Gold	under I-25	San Swr	Metro WW		Cross		
		Gold	48th Ave	San Swr	Metro WW		Cross		
		Gold	51st Ave	San Swr	Metro WW		Cross		
		Gold	west of Federal Blvd	San Swr	Metro WW		Cross		
		Gold	west of Federal Blvd	San Swr	Metro WW		Cross		

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Miller St.	San Swr	Clear Creek Valley San		Cross		
		Gold	Ward Road	San Swr	Fruitdale San	8"	Cross		
		Gold	W. 49th Ave at Ward Road	San Swr	Fruitdale San	8"	Parallel		MH
		Gold	along W. 49th PI from almost Ward Road to Van Gordon	San Swr	Fruitdale San	8"	Parallel		MH
		Gold	north side of RR ROW from Urban St. to Tabor St.	San Swr	Fruitdale San	8"	Parallel		MH
		Gold	Tabor St.	San Swr	Fruitdale San	8"	Cross		MH
		Gold	east of Tabor St.	San Swr	Fruitdale San	8"	Cross		MH
		Gold	from east of Tabor St. to alley, half way to Robb	San Swr	Fruitdale San	10"	Parallel		MH
		Gold	19th St	San Swr	Denver	42" RCP	Cross		MH
		Gold	18th St.	San Swr	Denver	15" PVC	Cross		MH
		Gold	South of South Platte River (at Santa Fe)	San Swr	Denver	8" PVC	Cross		MH
		Gold	39th	San Swr	Denver	18" PVC (partially in stl casing)	Cross		MH
		Gold	Independence	Storm Ditch	Arvada	Open Ditch	Parallel		
		Gold	9306 Highland PI to 9250 Highland PI	Storm Ditch	Arvada	Open Ditch	Parallel		
		Gold	West of Garrison St to 9245 53rd PI	Storm Ditch	Arvada	Open Ditch	Parallel		
		Gold	Old Wadsworth to Vance	Storm Ditch	Arvada	Open Ditch	Parallel		
		Gold	Wadsworth to Lamar	Storm Ditch	Arvada	Open Ditch	Parallel		
		Gold	Between Oak and Miller	Storm Swr	Arvada	12" ?? - Old	Cross		
		Gold	Miller St.	Storm Swr	Arvada	42" Proposed	Cross		MH
		Gold	East of Miller	Storm Swr	Arvada	48"	Cross		MH
		Gold	Miller to point East of Miller	Storm Swr	Arvada	36" Proposed	Parallel		MH
		Gold	Kipling	Storm Swr	Arvada	24" RCP	Cross		MH
		Gold	Independence	Storm Swr	Arvada	12" RCP	Term		EOP
		Gold	Independence	Storm Swr	Arvada	12" RCP	Cross		EOP
		Gold	West of Garrison St.	Storm Swr	Arvada	15" RCP in 24"	Cross		EOP
		Gold	West of Garrison St	Storm Swr	Arvada	15" RCP into inlet	Parallel		Inlet
		Gold	Estes Street	Storm Swr	Arvada	24" in 42"	Cross		
		Gold	Old Wadsworth	Storm Swr	Arvada	24" RCP	Cross		MH, Inlet
		Gold	Wadsworth	Storm Swr	Arvada	36"	Cross		Inlet, MH
		Gold	Wadsworth	Storm Swr	Arvada	24" CMP	Cross		Inlet
		Gold	Saulsbury St.	Storm Swr	Arvada	Abandoned	Term		
		Gold	Saulsbury St.	Storm Swr	Arvada	15"	Term		Inlet, MH, EOP
		Gold	Reed St	Storm Swr	Arvada	12" RCP	Term		EOP
		Gold	6805 Grandview	Storm Swr	Arvada	10" CMP	Term		EOP
		Gold	6405 Grandview	Storm Swr	Arvada	18" RCP	Term		EOP
		Gold	Lamar St.	Storm Swr	Arvada	18" PVC	Cross		Inlets
		Gold	1275' West of Sheridan	Storm Swr	Arvada	Unknown	Cross		MH
		Gold	Sheridan Frontage Road	Storm Swr	Arvada	36" RCP	Cross		
		Gold	Sheridan Frontage Road	Storm Swr	Arvada	18" RCP	Term		EOP
		Gold	Tennyson St.	Storm Swr	Arvada	54" RCP and 54" STL	Cross		MH
		Gold	Tennyson St.	Storm Swr	Arvada	24" CMP	Term		EOP
		Gold	Tennyson St.	Storm Swr	Arvada	24" CMP	Term		EOP

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Tennyson St.	Storm Swr	Arvada	24" CMP Abandoned	Cross		
		Gold	53rd Ave	Storm Swr	Adams	42" CMP -> 44" CMP -> 36" RCP	Cross		
		Gold	North of I-76 and 61st intersection	Storm Swr	Adams	36" RCP	Cross		
		Gold	Federal	Storm Swr	Adams	48" RCP	Cross		
		Gold	20TH	Storm Swr	Denver	66" RCP	Cross		MH/Inlets
		Gold	20TH	Storm Swr	Denver	30" RCP	Cross		MH/Inlets
		Gold	Inca St (south of South Platte)	Storm Swr	Denver	58" x 91" RCP	Cross		MH
		Gold	38th	Storm Swr	Denver	24"	Cross		MH
		Gold	39th	Storm Swr	Denver	66"	Cross		Inlets
		Gold	48th Ave	Storm Swr	Denver	42" RCP	Cross		MH
		Gold	48th Ave (North of street)	Storm Swr	Denver	54" in partially in steel liner	Cross		MH
99972		Gold	East of Ward Road	Storm Swr	BNSF	24" CMP	Cross	20	
104091		Gold	east of Robb St	Storm Swr	BNSF	18" CMP	Cross	20	
106467		Gold	West of Miller St.	Storm Swr	BNSF	18" CIP SIPHON	Cross		
113542		Gold	West of Carr St.	Storm Swr	BNSF	15" CMP	Cross	10	
114756		Gold	West of Allison St.	Storm Swr	BNSF	30" CMP	Cross	49	
117766		Gold	West of Wadsworth Blvd	Storm Swr	BNSF	24" CMP	Cross	55	
117977		Gold	East of Wadsworth Blvd	Storm Swr	BNSF	8" CIP	Cross	16	
118347		Gold	East of Wadsworth Blvd	Storm Swr	BNSF	8" VP	Cross	20	
120490		Gold	Lamar St.	Storm Swr	BNSF	18" CIP	Cross	30	
121884		Gold	West of Ralston Creek	Storm Swr	BNSF	10" CIP	Cross	50	
123416		Gold	West of Sheridan	Storm Swr	BNSF	18" CMP	Cross	27	
127164		Gold	west of Tennyson St.	Storm Swr	BNSF	30" CMP	Cross	27	
127217		Gold	East of Tennyson St.	Storm Swr	BNSF	30" CMP	Cross	36	
129540		Gold	West of Lowell	Storm Swr	BNSF	30" CMP AND VP	Cross	112	
129804		Gold	West of Lowell	Storm Swr	BNSF	24" CMP	Cross	116	
130491		Gold	East of Lowell	Storm Swr	BNSF	24" CMP	Cross	96	
		Gold	E. of Youngfield St.	Water	Valley Water District	12" w/ 24" Liner	Cross	62'	Valves
		Gold	W. of Ward Road	Water	Valley Water District	12" w/ 34" STL Liner	Cross	50'	Valves
		Gold	W. of Van Gordon	Water	Valley Water District	16" w/ 30" STL Liner	Cross		Valves
		Gold	Tabor St.	Water	Valley Water District	12"	Cross		
		Gold	Parfet St.	Water	Valley Water District	16"	Cross		Valves
		Gold	Miller St.	Water	Valley Water District	12" w/ 24" STL Casing	Cross	52'	Valves
		Gold	Sandra Way	Water	Arvada	12" PVC	Cross		
		Gold	Independence	Water	Arvada	PVC w/ Steel Casing	Cross	100'	
		Gold	Garrison St	Water	Arvada	8" Cast Iron	Term		Valve, FH
		Gold	Estes Street	Water	Arvada	8" Cast Iron	Cross		
		Gold	Carr St	Water	Arvada	10" PVC	Cross		Valve, FH
		Gold	Reno Dr. Carr to Balsam St	Water	Arvada	12" PVC	Parallel		Valve
		Gold	Balsam Court	Water	Arvada	8" PVC	Term		Valve
		Gold	between Balsam CT and ST	Water	Arvada		Term		FH
		Gold	Balsam St	Water	Arvada	6" Asbestos Cement	Cross		Valve
		Gold	Allison St.	Water	Arvada	8" Cast Iron	Term		Valve, FH
		Gold	Allison St.	Water	Arvada	8" Cast Iron	Cross		Valve
		Gold	Reno Dr. - Allison to Old Wadsworth	Water	Arvada	6" Cast Iron (To be replaced w/ 8")	Parallel		Valve

Table C
Utility Crossings - Gold Line

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		Gold	Yarrow St	Water	Arvada	10" Cast Iron	Cross		Valve
		Gold	Along Reno ~375' West of Old Wadsworth	Water	Arvada	Stub to FH	Term		Valve, FH
		Gold	Along Reno ~65' West of Old Wadsworth	Water	Arvada	Stub to FH	Term		Valve, FH
		Gold	Old Wadsworth	Water	Arvada	12" Cast Iron	Cross		Valve
		Gold	Vance St	Water	Arvada	10" PVC w/ 60' Encased	Cross		Valve
		Gold	Vance St	Water	Arvada	.62" Irrigation Meter	Term		
		Gold	Saulsbury St.	Water	Arvada	8" PVC	Cross		
		Gold	along RR Frontage Road from Saulsbury St. to point 1100' West of Lamar	Water	Arvada	8" PVC	Parallel	~1300'	Valves and 3 FH
		Gold	between Lamar and Reed, 1100' West of Lamar	Water	Arvada	8" PVC	Cross		
		Gold	West of Lamar	Water	Arvada	Meter Vault for Irr	Term		Vault
		Gold	Lamar St.	Water	Arvada	8" Asbestos Cement	Cross		
		Gold	~285' East along Railroad of Intersection between Ralston Road and RR	Water	Arvada	8" Asbestos Cement	Cross		
		Gold	Sheridan Frontage Road	Water	Arvada	8" Asbestos Cement	Cross		
		Gold	Tennyson St.	Water	Arvada	8" PVC (encased??)	Cross		Valve
		Gold	Federal Blvd	Water	Denver Water	12" Main	Cross		
		Gold	Federal Blvd	Water	Denver Water	10" Main	Cross		
		Gold	along BNSF from north of I-76 to Pecos	Water	Denver Water	20" Main	Parallel		Valve
		Gold	Pecos	Water	Denver Water	18" Main	Cross		
		Gold	Pecos	Water	Denver Water	20" Main	Cross		
		Gold	56th Ave	Water	Denver Water	>20" Main w/ sleeves	Cross		
		Gold	48th Ave	Water	Denver Water	8" Main	Cross		Features
		Gold	48th Ave	Water	Denver Water	>20" Main w/ sleeves	Cross		Valves
		Gold	43rd Ave	Water	Denver Water	12" Main	Cross		
		Gold	38th Ave	Water	Denver Water	12" Main	Cross		
		Gold	South of I-76 2900 FT east of Federal	Water	Denver Water	12" Main in 20" Stl Casing	Cross		
		Gold	South of South Platte River	Water	Denver Water	12" Main in 22" Stl Casing	Cross		
		Gold	19th St	Water	Denver Water	16" Main	Cross		
		Gold	19th St	Water	Denver Water	>20" Main in 30" Stl Cond	Cross		
		Gold	18th and Wewatta	Water	Denver Water	>20" Main in 30" Stl Cond	Cross		

**Table D
Utility Crossings - I-225**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	Jewell	Elec	Xcel	Transmission 230KV	Cross		Towers
		I-225	Exposition	Elec	Xcel	Transmission 115KV	Cross		Towers
		I-225	Colfax	Elec	Xcel	Transmission 115KV	Cross		Towers
		I-225	Colfax to Montview	Elec	Xcel	Transmission 115KV	Parallel		Towers
		I-225	Smith Road	Elec	Xcel	Primary, 13K	Cross		Poles
		I-225	Smith Road	Elec	Xcel	Primary, 13K	Cross		Poles
		I-225	Between Smith and 33rd Ave	Elec	Xcel	Primary, 13K	Cross		Transformers
		I-225	north of Baranmoor	Elec	Xcel	Primary, 13K	Cross		
		I-225	south of Baranmoor	Elec	Xcel	Primary, 13K	Cross		
		I-225	south of Baranmoor	Elec	Xcel	Primary, 13K	Cross		
		I-225	Park Lane (29th)	Elec	Xcel	Primary, 13K	Cross		
		I-225	Montview from Peoria to before Scranton St	Elec	Xcel	Primary, 13K	Cross		
		I-225	Victor St.	Elec	Xcel	Primary, 13K	Cross		
		I-225	Victor St.	Elec	Xcel	Primary, 13K	Cross		
		I-225	Montview east of Wheeling	Elec	Xcel	Primary, 13K	Cross		
		I-225	Colfax Ave (Northern side)	Elec	Xcel	Primary, 13K	Cross		
		I-225	Colfax Ave (Southern side)	Elec	Xcel	Primary, 13K	Cross		
		I-225	south of Colfax	Elec	Xcel	Primary, 13K	Cross		
		I-225	south of Colfax	Elec	Xcel	Primary, 13K	Cross		
		I-225	south of Colfax along RTD property	Elec	Xcel	Primary, 13K	Parallel		
		I-225	13th Ave	Elec	Xcel	Primary, 13K	Cross		Multiple
		I-225	13th Ave south to Tolgate Creek	Elec	Xcel	Primary, 13K	Parallel		Multiple
		I-225	6th Ave	Elec	Xcel	Primary, 13K	Cross		Multiple
		I-225	end of Blackhawk St north of 4th Ave	Elec	Xcel	Primary, 13K	Parallel		
		I-225	Ellsworth Ave	Elec	Xcel	Primary, 13K	Cross		Multiple
		I-225	North of Ellsworth	Elec	Xcel	Primary, 13K	Cross		
		I-225	Sable from Ellsworth to Exposition	Elec	Xcel	Primary, 13K	Parallel		
		I-225	Along Sable from Ellsworth to Cedar Ave	Elec	Xcel	Primary, 13K	Cross		5 Times
		I-225	Along Sable from Cedar to Alameda	Elec	Xcel	Primary, 13K	Cross		3 Times
		I-225	Alameda	Elec	Xcel	Primary, 13K	Cross		
		I-225	Centerpoint Dr	Elec	Xcel	Primary, 13K	Cross		
		I-225	Between Centerpoint Dr. and Exposition	Elec	Xcel	Primary, 13K	Cross		
		I-225	North of Exposition	Elec	Xcel	Primary, 13K	Cross		
		I-225	north sid of Exposition at Abilene	Elec	Xcel	Primary, 13K	Cross		
		I-225	Exposition at Abilene	Elec	Xcel	Primary, 13K	Cross		
		I-225	Abilene at Exposition	Elec	Xcel	Primary, 13K	Cross		
		I-225	Mississippi Ave	Elec	Xcel	Primary, 13K	Cross		
		I-225	north of Jewell Ave.	Elec	Xcel	Primary, 13K	Cross		
		I-225	north of Jewell Ave.	Elec	Xcel	Primary, 13K	Cross		
		I-225	liff Ave	Elec	Xcel	Primary, 13K	Cross		
		I-225	South of Parker	Elec	Xcel	Primary, 13K	Cross		Multiple
		I-225	along Ellsworth to Sable	Elec	Xcel	Primary, 13K	Parallel		Multiple
		I-225	Along S Xanadu Way	Gas	Xcel	Gas Main, Low Pressures	Parallel		Services

**Table D
Utility Crossings - I-225**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	Along S Abilene St North of Iliff to South of Florida	Gas	Xcel	Gas Main, Low Pressures	Parallel		Services
		I-225	South of Florida	Gas	Xcel	Gas Main, HP	Cross		Services
		I-225	South of Florida	Gas	Xcel	Gas Main, HP	Cross		Services
		I-225	Along S Abilene St North of Miss Ave to South of Exposition Ave	Gas	Xcel	Gas Main, Low Pressures	Parallel		Services
		I-225	Along I-225 south of 6th Ave to north of Potomac Cr	Gas	Xcel	Gas Main, HP	Parallel		Services
		I-225	6Th Ave	Gas	Xcel	Gas Main, HP	Cross		Services
		I-225	6Th Ave	Gas	Xcel	Gas Main, HP	Cross		Services
		I-225	Peoria at Smith Road	Gas	Xcel	Gas Main, IP	Cross		
		I-225	Smith Road	Gas	Xcel	Gas Main, IP	Cross		Services
		I-225	Peoria from Smith Road to Montview	Gas	Xcel	Gas Main, IP	Parallel		
		I-225	Between Smith and 33rd Ave	Gas	Xcel	Gas Main, IP	Cross		
		I-225	33rd Ave	Gas	Xcel	Gas Main, IP	Cross		
		I-225	33rd Ave	Gas	Xcel	Gas Main, IP	Cross		
		I-225	Peoria from 30th to 23rd	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		I-225	30th Ave	Gas	Xcel	Gas Main, IP	Cross		
		I-225	30th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	NE Corner of Montview and Peoria	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	On Montview west of Scranton St	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	Victor St.	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	along Montview from Victor to beyond Wheeling	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		I-225	between Wheeling and Potomac at Montview	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	Colfax	Gas	Xcel	Gas Main, Low Pressures	Cross		Services
		I-225	Colfax to 13th Ave along east side of I-225	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		I-225	13th Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	14th Ave into RTD	Gas	Xcel	Service	Cross		
		I-225	Ellsworth east of Abilene	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	Ellsworth east of Abilene	Gas	Xcel	Gas Main, Low Pressures	Parallel		Services
		I-225	Sable from Ellsworth to Exposition	Gas	Xcel	Gas Main, Low Pressures	Parallel		
		I-225	Along Sable from Ellsworth to Cedar Ave	Gas	Xcel	Gas Main, Low Pressures	Cross		6 times
		I-225	Along Sable from Cedar to Alameda	Gas	Xcel	Gas Main, Low Pressures	Cross		3 times
		I-225	South of Alameda	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	North of Exposition	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	Mall entrance off Exposition	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	Exposition	Gas	Xcel	Gas Main, Low Pressures	Parallel		Services
		I-225	Parker Road	Gas	Xcel	Gas Main, Low Pressures	Cross		
		I-225	I-225 and 1st Ave	Irr Ditch	Highline	Canal	Cross		
		I-225	Sable and 2nd Ave	Irr Ditch	Highline	Canal	Cross		
		I-225	Smith Road	Phone	Qwest	Buried	Cross		
		I-225	Smith Road to Montview	Phone	Qwest	Buried	Parallel		Multiple Lines
		I-225	30th Ave	Phone	Qwest	Buried	Cross		

**Table D
Utility Crossings - I-225**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	south of Smith Road	Phone	Qwest	Buried	Cross		
		I-225	Between Smith and 33rd Ave	Phone	Qwest	Buried	Cross		
		I-225	33rd Ave	Phone	Qwest	Buried	Cross		Multiple
		I-225	Baranmor Pkwy	Phone	Qwest	Buried	Cross		Multiple
		I-225	Montview from Peoria to Wheeling St.	Phone	Qwest	Buried	Parallel		Multiple
		I-225	Hunter Ave at Montview	Phone	Qwest	Buried	Cross		
		I-225	Hunter Ave at Montview	Phone	Qwest	Buried	Cross		
		I-225	Scranton	Phone	Qwest	Buried	Cross		Multiple
		I-225	Victor St.	Phone	Qwest	Buried	Cross		
		I-225	between Victor and Wheeling St	Phone	Qwest	Buried	Cross		Multiple
		I-225	17th Pl at Potomac	Phone	Qwest	Buried	Cross		Multiple
		I-225	Potomac 17th Pl to Colfax	Phone	Qwest	Buried	Parallel		Multiple
		I-225	Colfax	Phone	Qwest	Buried	Cross		Multiple
		I-225	Colfax	Phone	Qwest	Overhead	Cross		Multiple
		I-225	east edge of 225 from 6th Ave north to end of ramp	Phone	Qwest	Buried	Parallel		
		I-225	6th Ave	Phone	Qwest	Buried	Cross		Multiple
		I-225	east edge of 225 from 6th Ave south along off ramp	Phone	Qwest	Buried	Cross		
		I-225	5th Ave	Phone	Qwest	Buried	Cross		
		I-225	Ellsworth at Abilene	Phone	Qwest	Buried	Cross		
		I-225	Ellsworth Ave	Phone	Qwest	Buried	Parallel		Multiple
		I-225	E 1st Dr	Phone	Qwest	Buried	Cross		
		I-225	between E 1st Dr and Sable	Phone	Qwest	Buried	Cross		
		I-225	along Sable from Bayaud Ave north	Phone	Qwest	Buried	Cross		
		I-225	Cedar Ave	Phone	Qwest	Buried	Cross		
		I-225	along Sable from Alameda to Exposition	Phone	Qwest	Buried	Parallel		
		I-225	Alameda (north side)	Phone	Qwest	Buried	Cross		
		I-225	Alameda (south side)	Phone	Qwest	Buried	Cross		Multiple
		I-225	North of Exposition	Phone	Qwest	Buried	Cross		Multiple
		I-225	on Sable north of Exposition	Phone	Qwest	Buried	Cross		Multiple
		I-225	Exposition Ave at Abilene (north side)	Phone	Qwest	Buried	Cross		
		I-225	Exposition Ave at Abilene (south side)	Phone	Qwest	Buried	Cross		
		I-225	on I-225 south of Exposition	Phone	Qwest	Buried	Cross		
		I-225	Mississippi Ave (north side)	Phone	Qwest	Buried	Cross		
		I-225	Mississippi Ave (south side)	Phone	Qwest	Buried	Cross		
		I-225	south of Mississippi	Phone	Qwest	Buried	Cross		
		I-225	between Jewell and Florida on right between Abilene and 225	Phone	Qwest	Buried	Parallel		
		I-225	Jewell	Phone	Qwest	Buried	Cross		
		I-225	Jewell on right side at Abilene	Phone	Qwest	Buried	Parallel		Multiple
		I-225	Iliff Ave	Phone	Qwest	Buried	Cross		
		I-225	South of Yale, comes into median and ends	Phone	Qwest	Buried	Cross		
		I-225	along Peoria St. from Smith to 33rd	San Swr	Aurora	8" VCP -> 15" VCP	Parallel		MH

**Table D
Utility Crossings - I-225**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	33rd Ave	San Swr	Aurora	8" VCP	Cross		MH
		I-225	33rd Ave	San Swr	Aurora	15" VCP	Cross		MH
		I-225	along Peoria St. from Baranmor Pkwy to Park Lane Drive	San Swr	Aurora	8" VCP	Parallel		MH
		I-225	31st Ave	San Swr	Aurora	15" VCP	Cross		MH
		I-225	near 28th St and Peoria	San Swr	Aurora	42" Conc	Cross		MH
		I-225	near 28th St and Peoria	San Swr	Aurora	42" HDPE	Cross		MH
		I-225	along Montview from Peoria to Wheeling	San Swr	Aurora	multiple VCP lines	Both		MH
		I-225	along Colfax from Potomac to I-225	San Swr	Aurora	multiple VCP, DIP, and RCP lines	Both		MH
		I-225	along Potomac from 14th Ave to Colfax	San Swr	Aurora	8" VCP	Parallel		MH
		I-225	Along 13th at Potomac	San Swr	Aurora	12" VCP (x2 Lines)	Cross		MH
		I-225	Along 13th at I-225	San Swr	Aurora	16" DIP -> 15" VCP	Cross		MH
		I-225	Along Potomac from Potomac Cir to 13th	San Swr	Aurora	12" VCP	Parallel		MH
		I-225	Along I-225 from Colfax to 6th Ave	San Swr	Aurora	42" Conc	Parallel		MH
		I-225	6th Ave	San Swr	Aurora	21" -> 18" RCP	Cross		MH
		I-225	SW of Blackhawk and 4th	San Swr	Aurora	8" PVC	Cross		MH
		I-225	Sable and 2nd Ave	San Swr	Aurora	8" PVC -> 10" DIPPOLY -> 10" VCP	Cross		MH
		I-225	Along Abilene from 4th Ave to Alameda	San Swr	Aurora	8" VCP -> 10" PVC	Parallel		MH
		I-225	Along Elsworth to Sable	San Swr	Aurora	8" PVC	Both		MH
		I-225	Along Sable from 2nd to Cedar	San Swr	Aurora	10" PVC	Both		MH
		I-225	Along Alameda Ave from I-225 to Alameda Dr.	San Swr	Aurora	8" VCP -> 12" VCP	Both		MH
		I-225	Southeast of Sable and Alameda Ave	San Swr	Aurora	15" VCP	Cross		MH
		I-225	Centerpoint Dr	San Swr	Aurora	10" PVC	Cross		MH
		I-225	Sable near Centerpoint Dr.	San Swr	Aurora	15" VCP	Cross		MH
		I-225	along Exposition from I-225 to Sable	San Swr	Aurora	multiple lines	Both		MH
		I-225	north of Jewell Ave.	San Swr	Aurora	10" PVC	Cross		MH
		I-225	Along I-225 from north of Jewell Ave. to Illiff Ave.	San Swr	Aurora	15" PVC	Parallel		MH
		I-225	Along Abilene then I-225 from Yale to south of Illiff Ave.	San Swr	Aurora	12" and 10" VCP	Parallel		MH
		I-225	Along I-225 from Parker to Yale	San Swr	Aurora	12" VCP	Parallel		MH
		I-225	Along I-225 from Parker to north of Bates Ave	San Swr	Aurora	8" VCP	Parallel		MH
		I-225	Along I-225 from Parker to Heather Gardens Way	San Swr	Aurora	8" VCP	Parallel		MH
		I-225	Along I-225 on east side, 4 segments	San Swr	Aurora	Varies	Parallel		MH
		I-225	Parker Road	San Swr	Aurora	8" VCP	Cross		MH
		I-225	Parker Road	San Swr	Metro WW	30" RCP	Cross		MH
		I-225	Smith Road	Storm Swr	Aurora	24" RCP	Cross		Inlets
		I-225	south of Smith Road	Storm Swr	Aurora	48" RCP	Cross		Inlets
		I-225	south of Smith Road	Storm Swr	Aurora	48" RCP	Parallel		Inlets
		I-225	south of Smith Road	Storm Swr	Aurora	42" RCP	Term		Inlets
		I-225	Baranmoor	Storm Swr	Aurora - Private	72" RCP	Cross		Inlets
		I-225	30th Ave	Storm Swr	Aurora	54" RCP	Cross		Inlets

Table D
Utility Crossings - I-225

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	along Peori from Montevue to Sand Creek	Storm Swr	Aurora	54" and 60" RCP	Parallel		Inlets
		I-225	25th Ave	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	23rd Ave	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	beside Montview from Quentin going east	Storm Swr	Aurora	24" RCP	Parallel		MH, Inlets
		I-225	Quentin at Montview	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	Quentin at Montview	Storm Swr	Aurora	10" RCP	Cross		Inlets
		I-225	Quentin at Montview	Storm Swr	Aurora	12" RCP	Cross		Inlets
		I-225	19th Pl at Montview	Storm Swr	Aurora	18" PVC	Cross		Inlets
		I-225	19th Pl at Montview	Storm Swr	Aurora	18" PVC	Cross		Inlets
		I-225	21st Ave at Montview	Storm Swr	Aurora	12" RCP	Cross		Inlets
		I-225	21st Ave at Montview	Storm Swr	Aurora	12" RCP	Cross		Inlets
		I-225	east of 21st Ave at Montview	Storm Swr	Aurora	8" RCP	Cross		Inlets
		I-225	Montview and Scranton	Storm Swr	Aurora	30" RCP	Cross		Inlets
		I-225	Montview between Ursula CT and Tuscon Wy	Storm Swr	Aurora	RCP various sizes	Cross		Inlets
		I-225	Montview east of Ursula Ct	Storm Swr	Aurora	VCP various sizes	Cross		Inlets
		I-225	Montview east of Ursula Ct	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	Montview east of Ursula Ct	Storm Swr	Aurora	12" RCP	Parallel		Inlets
		I-225	Montview east of Ursula Ct to Worchester St.	Storm Swr	Aurora	RCP various sizes	Both		Inlets
		I-225	19th Ave	Storm Swr	Aurora	12" RCP	Term		FES
		I-225	along Potomac St between 17th Pl and ~16th	Storm Swr	Aurora	21" RCP	Parallel		Inlets
		I-225	17th Pl at Potomac	Storm Swr	Aurora	60" RCP	Cross		FES
		I-225	at Colfax near Potomac	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	at Colfax near I-225 (North)	Storm Swr	Aurora	18" RCP	Term		FES
		I-225	at Colfax near I-225 (South)	Storm Swr	Aurora	24" RCP	Term		FES
		I-225	along 14th at Potomac	Storm Swr	Aurora	42" RCP	Cross		Inlets
		I-225	13th Ave at Potomac	Storm Swr	Aurora	54" RCP	Cross		Inlets
		I-225	along Potomac from 13th to Potomac Cr	Storm Swr	Aurora	48" RCP	Parallel		Inlets
		I-225	along Potomac from 13th south 1 block	Storm Swr	Aurora	24" CSP	Parallel		Inlets
		I-225	13th Ave at I-225	Storm Swr	Aurora	36" RCP	Cross		MH
		I-225	6th Ave nearest I-225	Storm Swr	Aurora	60" RCP	Cross		MH, Inlets
		I-225	6th Ave east of I-225 (north side)	Storm Swr	Aurora	72" RCP	Cross		MH, Inlets
		I-225	6th Ave east of I-225 (south side) #1	Storm Swr	Aurora	18" RCP	Cross		MH, Inlets
		I-225	6th Ave east of I-225 (south side) #2	Storm Swr	Aurora	18" RCP	Cross		MH, Inlets
		I-225	along I-225 from Arkansas to 6th Ave	Storm Swr	CDOT from Aurora	18" RCP	Both		MH, Inlets
		I-225	I-225 median at ~4th Ave	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	I-225 median at ~3rd Ave	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	~3rd Ave	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	along Abilene from Highline Canal to 4th Ave	Storm Swr	Aurora	48" RCP	Both		Inlets
		I-225	Ellsworth at Abilene	Storm Swr	Aurora	RCP various sizes	Both		Inlets
		I-225	along Ellsworth	Storm Swr	Aurora	RCP various sizes	Parallel		Inlets
		I-225	Sable at Highline Canal	Storm Swr	Aurora	27" RCP	Cross		Inlets

**Table D
Utility Crossings - I-225**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	Sable at 1st	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	Sable and Ellsworth	Storm Swr	Aurora	24" RCP	Cross		Inlets
		I-225	along Sable south of Ellsworth	Storm Swr	Aurora	21" RCP	Parallel		Inlets
		I-225	near Bayaud Ave	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	along Abilene from Ellsworth to Cedar Ave	Storm Swr	Aurora	30" RCP	Parallel		Inlets
		I-225	along I-225 north of Alameda	Storm Swr	CDOT from Aurora	18" RCP	Parallel		Inlets
		I-225	at Abilene and Alameda	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	Sable and Alameda	Storm Swr	Aurora	18" RCP	Cross		Inlets
		I-225	Sable at Bayaud Ave	Storm Swr	Aurora	30" RCP	Cross		Inlets
		I-225	along Sable from Cedar to Bayaud	Storm Swr	Aurora	30" RCP	Parallel		Inlets
		I-225	NE Quad of Alameda and Sable	Storm Swr	Aurora	multiple segments various types	Cross		Inlets
		I-225	South of Alameda at RTD Parcel	Storm Swr	Aurora	96" CSP	Cross		Inlets
		I-225	at Sable between Alameda and Centerpoint	Storm Swr	Aurora	96" CSP	Cross		Inlets
		I-225	from Exposition north onto Mall property	Storm Swr	Aurora	multiple segments various types	Both		Inlets
		I-225	I-225 south of Exposition	Storm Swr	CDOT from Aurora	18" RCP	Term		Inlets
		I-225	North of Kentucky Ave	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	South of Kentucky Ave	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	North of Mississippi	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	Arkansas	Storm Swr	CDOT from Aurora	24" RCP	Cross		Inlets
		I-225	along I-225 from south of Florida to Illiff	Storm Swr	CDOT from Aurora	18" RCP -> 36" RCP	Parallel		Inlets
		I-225	south of Florida	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	Jewell Ave	Storm Swr	Aurora	Conc	Cross		Inlets
		I-225	between Jewell and Evans	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	Illiff Ave	Storm Swr	CDOT from Aurora	unknown	Cross		Inlets
		I-225	south of Harvard	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	from south of Harvard to south of Yale near cruve in Heather Gardens Wy	Storm Swr	CDOT from Aurora	18" RCP	Parallel		Inlets
		I-225	north of Yale	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	south of Yale	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	south of Yale near cruve in Heather Gardens Wy	Storm Swr	CDOT from Aurora	18" RCP	Cross		Inlets
		I-225	Parker Road	Storm Swr	Aurora	42" RCP	Cross		Inlets
		I-225	Smith Rd	Water	Denver Water	24" w/ 36" Conc Cond	Cross		Valves
		I-225	37th Ave	Water	Denver Water	12"	Cross		Valves
		I-225	Peoria	Water	Denver Water	>20" w/ Cond	Parallel		Valves
		I-225	38th Ave	Water	Denver Water	8"	Cross		Valves
		I-225	Smith Rd	Water	Aurora	6" CIP	Cross		
		I-225	Smith Rd	Water	Aurora	16" DIP	Parallel		
		I-225	33rd Ave	Water	Aurora	12" CIP	Cross		
		I-225	35th Ave	Water	Aurora	6" CIP	Term		
		I-225	Smith Rd to Baranmor Pkwy	Water	Aurora	6" CIP	Parallel		
		I-225	Smith Rd to Baranmor Pkwy	Water	Aurora	16" DIP	Parallel		
		I-225	32nd	Water	Aurora	8" PVC	Term		
		I-225	Baranmor Pkwy	Water	Aurora	12" CIP	Term		

**Table D
Utility Crossings - I-225**

Stations		Corridor	Location	Utility	Owner	Existing Information			
Begin	End					Type/Size	Direction	Length	Structures
		I-225	Baranmor Pkwy to 30th Ave	Water	Aurora	6" CIP	Parallel		
		I-225	Baranmor Pkwy to Montevue	Water	Aurora	24" Steel	Parallel		
		I-225	~32nd Ave	Water	Aurora	6" DIP	Cross		
		I-225	30th Ave	Water	Aurora	16" Steel and 12" CIP	Cross		
		I-225	26th Ave	Water	Aurora		Cross		
		I-225	25th Ave	Water	Aurora	8" PVC	Cross		
		I-225	25th Ave to 23rd Ave	Water	Aurora	6" CIP	Parallel		
		I-225	along Montview from Peoria to Wheeling	Water	Aurora	Multiple lines of all sizes	Both		
		I-225	16th and I-225	Water	Aurora	6" CIP	Cross		
		I-225	Colfax	Water	Aurora	6" DIP	Cross		
		I-225	along Potomac from 16th to Potomac Cr	Water	Aurora	Multiple lines of all sizes	Parallel		
		I-225	off Potomac Cr (western line)	Water	Aurora	8" DIP	Cross		
		I-225	off Potomac Cr (eastern line)	Water	Aurora	6" DIP	Cross		
		I-225	13th Ave and Potomac	Water	Aurora	8" DIP	Cross		
		I-225	~12th Ave and Potomac	Water	Aurora	8" DIP	Cross		
		I-225	Colfax	Water	Aurora	6" DIP	Cross		
		I-225	along Abilene 4th Ave to Ellesworth Ave	Water	Aurora	12" DIP	Parallel		
		I-225	along Abilene Ellesworth Ave to Alameda Ave	Water	Aurora	12" PVC	Parallel		
		I-225	North of Ellesworth	Water	Aurora	12" DIP	Cross		
		I-225	Alameda	Water	Aurora	16" DIP	Both		
		I-225	along Sable from 3rd to Alameda	Water	Aurora	12" DIP	Both		
		I-225	along Sable	Water	Aurora	Multiple lines of all sizes	Both		
		I-225	along Ellesworth	Water	Aurora	8" DIP and PVC	Parallel		
		I-225	along Ellesworth	Water	Aurora	Multiple lines of all sizes	Cross		
		I-225	along Sable from Alameda to point north of Centerpoint Dr	Water	Aurora	16" DIP	Cross		
		I-225	along Sable from point north of Centerpoint Dr to Exposition	Water	Aurora	36" DIP	Cross		
		I-225	near Alameda east of Sable	Water	Aurora	36" DIP	Cross		
		I-225	E. Centerpoint Dr	Water	Aurora	12" DIP	Cross		
		I-225	around Aurora mall	Water	Aurora	Multiple lines of all sizes	Both		
		I-225	along Exposition from Abilene to Sable	Water	Aurora	36" DIP	Parallel		
		I-225	Abilene at Exposition	Water	Aurora	36" DIP	Cross		
		I-225	Mississippi Ave	Water	Aurora	16" DIP	Cross		
		I-225	between Florida and Mississippi	Water	Aurora	48" Conc	Cross		
		I-225	Jewell Ave	Water	Aurora	24" DIP	Cross		
		I-225	Iliff Ave	Water	Aurora	24" DIP	Cross		
		I-225	Parker Road	Water	Aurora	42" Steel	Cross		

TABLE E

Three Corridors Irrigation Ditch Contact List

Utility Company	Telephone	Fax	Email	Utility within Project area?	Request Letter Sent	Material Received	Last Action Taken
Reno Ditch Tom Fletcher Clinton Dattele	303-424-5867 303-403-4268						Left Message
Bayou/Slough/Swadly Ditch Don Fealand	303-421-2277					Swadly crosses RR west of Garrison Mentioned the Wadsworth ditch crossing in Olde Towne near Alison and the Yokeham at Oak/Miller	Left Message
Kershaw Ditch Bob Krugmire David Pehr - Legal Counsel	303-430-2400 303-427-1516					Crosses Goldline at Lowell. Ditch parrallels Lowel	Need to call David with any legal matters. Bob can meet in the field
Fisher Ditch Don Halfield xcel	720-497-2125						
Colorado Agri Canal Linda Lower	303-451-7604						Will call me back
Grange Ditch							
Niver Canal Lee Lateral							
Signal Ditch Steve Hagggar	303-489-8051				Called 9-15	Discussed ditch alignment. Does not have any plans North of 128th, North Metro will cross the ditch. Currently, the ditch goes through a siphon under the RR	Call if we need more info or to set a meet with the ditch board. Tetrtech does their engineering
German Ditch Kasper Sack Paul Jacob	303-452-8122 303-659-1219					Paul called back. UP crosses the German ditch 3 times between 156th and 160th and 2 times south of 156th	Left message with Paul

Utility Company	Telephone	Fax	Email	Utility within Project area?	Request Letter Sent	Material Received	Last Action Taken
Thompson Ditch John Howard	303-659-0798					Not going to cross it	
Highline Canal Linda Lower	303-451-7604						Will call me back
Burlington Ditch Harlan Wall Manual Montoya Farmers Reservoir and Irrigation	303-659-2248 303-659-7373						Called Harlan. Had me call Manual Montoya
Wadsworth Ditch Greg Rogers							