

Appendix 4

Utilities

UTILITY TABLE 1 – SUMMARY OF EXISTING SW GAS FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	Abandoned 24" steel gas line	West of Stephanie St to east of Stephanie St on the north side of the I-215	"P"	118+78 to 91+28			2,750	None	None, but more of the abandoned gas line is under new roadway than in existing.
2	24" HP steel gas line	West of Stephanie St to west of the I-215/I-515 Interchange on the north side of the I-215	"P"	118+76 to 24+69	x	x	9,540	New WB on-ramp at Gibson Rd closer to gas line than in existing at approx. station "P" 66+37. Gas line crosses under new WB off-ramp at Gibson Rd at approx. station "P" 40+06. Gas line under WB I-215 from approx. station "P" 37+44 to "P" 28+60. Portions of gas line may need to be relocated.	New WB on-ramp at Gibson Rd closer to gas line than in existing at approx. station "P" 66+37. Gas line crosses under new WB off-ramp at Gibson Rd at approx. station "P" 40+06. Gas line under WB I-215 from approx. station "P" 37+44 to "P" 26+56. Portions of gas line may need to be relocated.
3	Abandoned gas line, size unknown	West of Gibson Rd to Gibson Rd on the north side of the I-215	"P"	79+90 to 53+84			2,600	None	None
4	Abandoned gas line, size unknown	West of Gibson Rd, east to the I-215/I-515 interchange then south	"P"	79+89 to 15+58 to 11+45		x	7,150	None	New ramps constructed on top of the abandoned gas line at approx. stations "P" 14+62 LT to 13+26 LT. May need to remove or fill abandoned gas line to avoid future collapse.

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
5	Dual gas lines, size unknown	Crossing I-215 at Stephanie St	"P"	109+80 to 107+89			1,120	None	None
6	24" HP gas line	Crossing I-215 at Gibson Rd	"P"	56+22 to 53+48			1,340	None	None
7	Abandoned gas line, size unknown	I-215/I-515 interchange to Eastgate Rd	"P" to "LMP"	14+66 to 1086+15			3,025	None	None
8	SW Gas facility	North of I-215 at the I-215/I-515 interchange	"P"	16+78				None	None
9	16" HP steel gas line	West side of I-515, south of the I-215/I-515 interchange, then north, then east to Eastgate Rd	"P" to "LMP"	11+70 to 1086+12		x	2,840	None	New ramps constructed on top of the abandoned gas line at approx. stations "P" 12+74 LT to 11+70 LT. May need to remove or fill abandoned gas line to avoid future collapse.
10	4" PE7 AA gas line (??)	South side of Lake Mead Parkway, east of the I-215/I-515 interchange to Eastgate Rd	"LMP"	1100+18 to 1085+88		x	1,430	None, note gas line under sidewalk and landscape in existing condition. The gas line will be under the roadway with this alternative.	None, note gas line under sidewalk and landscape in existing condition. The gas line will be under the roadway in some locations with this alternative.

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ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-515: Horizon Drive to I-215/I-151 Interchange									
11	16" HP steel gas line abandoned in place	West side of I-515, Horizon Dr to south of the I-215/I515 interchange	"L"	265+05 to 371+40	x	x	10,500	Remove to accommodate re-alignment of drainage channel between stations "L" 327+55 to "L" 335+78.	Remove to accommodate re-alignment of drainage channel between stations "L" 327+55 to "L" 342+32. Remove between stations "L" 363+13 to "L" 371+40 to accommodate re-alignment of drainage channel and proposed ramps.
12	24" HP steel gas line	West side of I-515, at Horizon Dr	"L"	264+98 to 269+13			415	None	None
13	24" HP steel gas line	West side of I-515, Horizon Dr to the north side of the I-215/I-515 interchange then west along the north side of the I-215	"L" to "P"	264+90 to 382+41 to 28+82	x	x	12,900	Relocate to accommodate re-alignment of drainage channel between stations "L" 325+74 to "L" 335+78. No impact to portion of gas line that runs west on the north side of I-215, "L" 382+41 to "P" 28+82.	Relocate to accommodate re-alignment of drainage channel between stations "L" 325+74 to "L" 342+32. Relocate between stations "L" 363+13 to "L" 375+24 to accommodate re-alignment of drainage channel and proposed ramps. No impact to portion of gas line that runs west on the north side of I-215, "L" 382+41 to "P" 28+82.

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
14	16" HP steel gas line	West side of I-515, Horizon Dr to the north side of the I-215/I-515 interchange then west along the north side of the I-215	"L" to "P"	264+84 to 382+50 to 28+89	x	x	12,900	Relocate to accommodate re-alignment of drainage channel between stations "L" 288+88 to "L" 303+58, "L" 312+15 to "L" 316+15 and "L" 325+74 to "L" 335+78. No impact to portion of gas line that runs west on the north side of I-215, "L" 382+50 to "P" 28+89.	Relocate to accommodate re-alignment of drainage channel between stations "L" 288+88 to "L" 303+58, "L" 312+15 to "L" 316+15 and "L" 325+74 to "L" 342+31. Relocate between stations "L" 363+13 to "L" 375+24 to accommodate re-alignment of drainage channel and proposed ramps. No impact to portion of gas line that runs west on the north side of I-215, "L" 382+50 to "P" 28+89.
15	24" HP steel gas line	West side of I-515, north of Horizon Dr to the north side of the I-215/I-515 interchange then west along the north side of the I-215	"L" to "P"	271+95 to 382+49 to 28+74	x	x	12,200	Relocate to accommodate re-alignment of drainage channel between stations "L" 325+74 to "L" 335+78. No impact to portion of gas line that runs west on the north side of I-215, "L" 382+49 to "P" 28+74.	Relocate to accommodate re-alignment of drainage channel between stations "L" 325+74 to "L" 342+31. Relocate between stations "L" 363+13 to "L" 375+24 to accommodate re-alignment of drainage channel and proposed ramps. No impact to portion of gas line that runs west on the north side of I-215, "L" 382+49 to "P" 28+74.
16	3: 2" CVT VLV gate valves	West side of I-515, north of Horizon Dr	"L"	308+89				None	None

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
17	SW Gas facility - 16" valve #1100929	West side of I-515, south of the I-215/I-515 interchange	"L"	371+81		x		None	Relocate to accommodate re-alignment of drainage channel and proposed ramps.
18	SW Gas facility - 16" valve #1100928	West side of I-515, south of the I-215/I-515 interchange	"L"	371+70		x		None	Relocate to accommodate re-alignment of drainage channel and proposed ramps.
19	SW Gas facility - 16" valve #1104631	West side of I-515, south of the I-215/I-515 interchange	"L"	371+47		x		None	Relocate to accommodate re-alignment of drainage channel and proposed ramps.
20	SW Gas facility - vault and 24" valve #1101195	West side of I-515, south of the I-215/I-515 interchange	"L"	370+94		x		None	Relocate to accommodate re-alignment of drainage channel and proposed ramps.
21	SW Gas facility - vault and 8" valve #1103693, 16" valve #1103694, 16" valve 1103695, 16" valve 1103696, and 24" valve 1103692	West side of I-515, south of the I-215/I-515 interchange	"L"	370+92		x		None	Relocate to accommodate re-alignment of drainage channel and proposed ramps.

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ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-515: I-215/I-151 Interchange to Galleria Drive									
22	8" HP steel gas line	West side of I-515, north of the I-215/I-515 interchange; traveling north then crossing I-515 south of the UPRR Henderson Spur; traveling north then crossing the Pioneer Detention Basin	"L"	383+28 to 397+25	x		2,165	Relocate gas line from "L" 386+28 to "L" 392+28 to accommodate new ramp.	None

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
23	Abandoned 8" HP steel gas line	West side of I-515, north of the I-215/I-515 interchange; traveling northeast crossing I-515 south of the UPRR Henderson Spur; then traveling north	"L"	383+80 to 391+44			950	None, but remove abandoned gas line or leave in place	None, but remove abandoned gas line or leave in place
24	Gas line, size unknown	West side of I-515 in Auto Mall Dr	"L"	399+76 to 409+13			1,025	None	None
25	Gas line, size unknown	West side of I-515 in Auto Mall Dr	"L"	413+04 to 432+57			1,950	None	None
26	4" Steel gas line	Crossing I-515 at Warm Springs Rd	"L"	468+03 to 463+78			1,050	None	None
27	6" Steel gas line	Crossing I-515 at Warm Springs Rd	"L"	468+08 to 463+83			1,050	None	None

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
28	6" Steel gas line	Crossing I-515 at Gibson Rd	"L"	471+63 to 479+20			840	None	None
29	24" HP steel gas line	Crossing I-515 at Gibson Rd	"L"	471+85 to 479+38			840	None	None
30	4" PE gas line	Crossing I-515 at Sunset Rd	"L"	501+31 to 493+74			1,737	None	None

UTILITY TABLE 2 – SUMMARY OF EXISTING SEWER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	Abandoned 27" SS and SSMHs	South side of I-215, west of Stephanie St	"P"	121+14 to 115+75			540	None	None
2	27" SS and SSMHs	South side of I-215, west of Stephanie St to Gibson Rd	"P"	116+40 to 55+58			6,100	None	None
3	12" SS and SSMHs	Crossing I-215 at Stephanie St	"P"	108+97 to 108+34			340	None	None
4	8" SS and SSMHs	Crossing I-215 at Gibson Rd	"P"	55+58 to 54+66			360	None	None
5	18" SS and SSMHs	Crossing Lake Mead Parkway at Eastgate Rd	"LMP"	1086+07 to 1086+08	x	x	420	Vertically adjust SSMH	Vertically adjust SSMH
I-515: Horizon Drive to I-215/I-151 Interchange									
6	18" SS	Crossing I-515 at UPRR, south of the I-215/I-515 interchange	"L"	344+66 to 345+64			410	None	None
I-515: I-215/I-151 Interchange to Galleria Drive									

UTILITY TABLE 2 – SUMMARY OF EXISTING SEWER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
7	18" SS	Crossing I-515 at UPRR Henderson Spur, north of the I-215/I-515 interchange and continuing south on the east side of the I-515	"L"	396+28 to 385+67			1,330	None	None
8	18" SS to 27" SS and SSMHs	West side of I-515 within Auto Mall Dr	"L"	398+45 to 468+17			7,000	None	None
9	27" SS and SSMHs	Crossing I-515 at Gibson Rd, connects to #8	"L"	468+17 to 480+47			1,400	None	None
10	10" SS and SSMHs	Crossing I-515 at Sunset Rd	"L"	497+97 to 495+26			620	None	None
11	SS, size unknown	Crossing I-515 south of Galleria Dr	"L"	526+94 to 524+34			500	None	None

UTILITY TABLE 3 – SUMMARY OF EXISTING WATER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	12" waterline, MH and water valves	Crossing I-215 at Stephanie St	"P"	109+12 to 106+93			1,240	None	None
2	16" waterline	Crossing I-215 at Gibson Rd	"P"	56+33 to 55+47			510	None	None
3	16" waterline, MH and water valves	North side of I-215 in Gibson Rd	"P"	55+74 to 54+34			600	None	None
4	36" waterline, MH and water valves	Crossing I-215 at Gibson Rd	"P"	56+29 to 54+07			1,100	None	None
5	2-6" PVC 40 Cond	Crossing SB I-515 off-ramp to EB Lake Mead Parkway	"P"	17+51			45		
6	2-6" PVC 40 Cond	Crossing WB Lake Mead Parkway to SB I-515 loop ramp	"P"	15+19			25		
7	2-6" PVC 40 Cond	Crossing Lake Mead Parkway west of I-515 then traveling west to east on the north side of Lake Mead Parkway	"P" to "LMP"	12+10 to 1104+62			440	It doesn't appear that this system needs to be relocated - unless the improvements are deep enough to impact it.	It doesn't appear that this system needs to be relocated - unless the improvements are deep enough to impact it.

UTILITY TABLE 3 – SUMMARY OF EXISTING WATER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
8	2-6" PVC 40 Cond	South side of Lake Mead Parkway at the I-215/I-515 interchange	"P" to "LMP"	10+73 to 1103+54			260	It doesn't appear that this system needs to be relocated - unless the improvements are deep enough to impact it.	It doesn't appear that this system needs to be relocated - unless the improvements are deep enough to impact it.
9	1-6" PVC 40 Sleeves (300') to 2-6" PVC 40 Sleeves (100') to irrigation controller and CCU with waterline laterals (80' and 70') and brass gate valves	North side of Lake Mead Parkway, just east of the I-215/I-515 interchange, then in the median of Lake Mead Parkway, crossing EB Lake Mead Parkway with irrigation controller, CCU, waterline laterals and brass gate valves on the south side of Lake Mead Parkway	"LMP"	1103+88 to 1101+68 to 1101+89			550	It doesn't appear that this system needs to be relocated - unless the improvements are deep enough to impact it.	It doesn't appear that this system needs to be relocated - unless the improvements are deep enough to impact it.

UTILITY TABLE 3 – SUMMARY OF EXISTING WATER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
10	2-6" PVC 40 Sleeves	Crossing WB Lake Mead Parkway on-ramp to NB I-515	"LMP"	1101+12			45	None	None
11	12" ACP waterline	South side of Lake Mead Parkway east of the I-215/I-515 interchange to Eastgate Rd	"LMP"	1100+05 to 1185+79			1,425	None, note waterline under sidewalk and landscape in existing condition. The waterline will be under the roadway in some sections with this alternative.	None, note waterline under sidewalk and landscape in existing condition. The waterline will be under the roadway in some sections with this alternative.
12	2-6" PVC 40 Cond and vault (?)	Crossing WB Lake Mead Parkway west of Eastgate Rd. Vault appears to be in median	"LMP"	1088+89	x	x	40	Relocate vault to new median.	Relocate vault to new median.
13	2-6" PVC 40 Cond and vault (?)	Crossing EB Lake Mead Parkway west of Eastgate Rd. Vault appears to be in median	"LMP"	1088+59	x	x	70	Relocate vault to new median.	Relocate vault to new median.

I-515: Horizon Drive to I-215/I-151 Interchange

UTILITY TABLE 3 – SUMMARY OF EXISTING WATER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
14	109" water lateral and tunnel (261') for water lateral	Crossing I-515 at the UPRR south of the I-215/I-515 interchange	"L"	346+88 to 346+38		x	740	None, it does not appear that the tunnel needs to be extended.	Verify that tunnel does not need to be extended on west side of the I-515
15	2-6" PVC 40 Cond connected to vault (??)	Crossing I-515 NB off-ramp to EB Lake Mead Parkway	"L"	366+28		x	45	None	Existing off-ramp is being removed, protect existing PVC in place. Vault close to new ramp, may need to be relocated.
I-515: I-215/I-151 Interchange to Galleria Drive									
16	109" mortar lined pipe	Crossing I-515 at the UPRR Henderson Spur north of the I-215/I-515 interchange	"L"	397+10 to 396+33			700	None, note the freeway is widened in this area and more freeway is over the pipe than before - not sure if there is a loading issue on the top of the pipe.	None, note the freeway is widened in this area and more freeway is over the pipe than before - not sure if there is a loading issue on the top of the pipe.
17	12" PVC (1700') to 8" PVC (4025') waterline, MH and water valves	West side of I-515 in Auto Mall Dr on the west side of the street - from the UPRR Henderson Spur to Kelso Dunes Ave	"L"	398+77 to 455+25			5,725	None	None

UTILITY TABLE 3 – SUMMARY OF EXISTING WATER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
18	Waterline, unknown size, MH and water valves	West side of I-515 in Auto Mall Dr on the east side of the street - from south of Auto Show Dr to Auto Show Dr. Appears to connect to #19	"L"	414+52 to 427+34			1,290	None	None
19	8" HDPE DR11	West side of I-515 from Auto Show Dr to Warm Springs Rd, crossing I-515 at Warm Springs Rd and continuing east in Warm Springs Dr.	"L"	427+43 to 464+11			4,900	None	Relocate waterline between "L" 437+29 to "L" 440+71, approximately 340'.
20	Abandoned 8" PVC waterline	West side of I-515 in Auto Mall Dr on the west side of the street - south and north of Auto Show Dr	"L"	421+65 to 431+50			1,000	None	None

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
21	24" waterline	Crossing I-515 at Warm Springs Rd	"L"	468+09 to 463+80			1,050	None	None
22	42" SNWS waterline	Crossing I-515 at Gibson Rd	"L"	468+24 to 481+23			1,440	None	None
23	24" abandoned (380') to 12" to 6" waterline	In Sunset Rd then Gibson Rd, crossing I-515 at Gibson Rd	"L"	470+52 to 480+09			1,630	None	None
24	Abandoned 12" waterline	Crossing I-515 at Sunset Rd on the south side of Sunset Rd	"L"	500+52 to 492+89			1,740	None	None
25	Waterline, unknown size	Crossing I-515 at Sunset Rd on the north side of Sunset Rd	"L"	501+35 to 493+81			1,760	None	None
26	96" SNWA waterline	Crossing Galleria Dr on the west side of I-515, connects to #27	"L"	534+71 to 527+29			800	None	None

UTILITY TABLE 3 – SUMMARY OF EXISTING WATER FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
27	102" SNWA waterline	Crossing I-515 south of Galleria Dr	"L"	527+29 to 521+54			1,320	None	None
28	Waterline, unknown size	Crossing I-515 south of Galleria Dr	"L"	526+89 to 523+66			700	None	None
29	Test Station (??)	East side of I-515, south of Galleria Dr	"L"	524+46				None	None
30	Blow off	West side of I-515, south of Galleria Dr	"L"	527+87				None	None
31	Air Valve	West side of I-515, south of Galleria Dr	"L"	527+79				None	None
32	Air Valve	East side of I-515, south of Galleria Dr	"L"	525+07				None	None
33	Air Valve MH	East side of I-515, south of Galleria Dr	"L"	524+95				None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	Poles and 230 KV overhead	Crossing I-215 west of Stephanie St	"P"	125+13 to 124+23			420	None	None
2	MH 9457, 6-1000MCM in 2 of 2-6"C (900') and 3-1000MCM in 1 of 1-6"C (900')	Crossing I-215 at Stephanie St	"P"	108+27 to 106+71			1,800	None	None
3	3-1000MCM in 1 of 3-6"C and MH	north side of I-215 from Stephanie St then east	"P"	106+73 to 78+66			2,900	None	None
4	1/0 1-4"C B and pullboxes (UGM 6139, 3120 and 7791)	north side of I-215 from Stephanie St then east	"P"	101+69 to 80+58	x	x	2,100	Relocate pullbox (UGM 6139), relocate line from "P" 97+52 to "P" 80+58, relocate pullboxes UGM 3120 and 7791.	Relocate pullbox (UGM 6139), relocate line from "P" 97+52 to "P" 80+58, relocate pullboxes UGM 3120 and 7791.
5	MH 3393, 1/0 1-4"C B, and MH (3392, 2742), 6-1000MCM in 2 of 2-6"C and MH 2741	South side of I-215 west of Stephanie St, crossing I-215, then traveling east	"P"	95+48 to 78+61			2,000	None	None
6	Electric facility	North side of I-215, midway between Stephanie St and Gibson Rd	"P"	80+64	x	x		Relocate	Relocate

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ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
7	Electric facility - transformer HHH 28186 10 B	North side of I-215, midway between Stephanie St and Gibson Rd	"p"	80+23				None	None
8	Electric facility	North side of I-215, midway between Stephanie St and Gibson Rd	"p"	80+10				None	None
9	Abandoned 3-6"C	North side of I-215, west of Gibson Rd to east of Gibson Rd	"p"	80+70 to 30+36	x	x	5,040	Remove, unless it is acceptable to let the abandoned pipe remain.	Remove, unless it is acceptable to let the abandoned pipe remain.
10	Abandoned 1-4"C	North side of I-215, west of Gibson Rd to east of Gibson Rd	"p"	80+35 to 30+41	x	x	4,990	Remove, unless it is acceptable to let the abandoned pipe remain.	Remove, unless it is acceptable to let the abandoned pipe remain.
11	6-1000MCM in 2 of 2-6"C	Crossing I-215 at Gibson Rd, west side of Gibson Rd	"p"	56+61 to 55+77			440	None	None
12	Electric facility	Crossing I-215 at Gibson Rd, west side of Gibson Rd	"p"	56+61 to 55+77			440	None	None

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					1	2			
13	3-1000MCM in 1 of 2-6"C	Crossing I-215 at Gibson Rd, east side to west side of Gibson Rd	"P"	55+91 to 55+77			910	None	None
14	Electric facility - overhead and poles	Crossing I-215 at Gibson Rd, center of Gibson Rd	"P"	56+08 to 54+71			530	None	None
15	Electric facility	Crossing I-215 at Gibson Rd, east side of Gibson Rd	"P"	55+65 to 54+57			600	None	None
16	Electric facility	Crossing I-215 at Gibson Rd, east side of Gibson Rd	"P"	55+59 to 54+54			600	None	None
17	Electric facility - transformer pad HHH 19839 100 C	South side of I-215, east side of Gibson Rd	"P"	55+45				None	None
18	MH 1465	North side of I-215, east side of Gibson Rd	"P"	54+66				None	None

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					1	2			
19	1-4" UGP to 3-1/0 1-4"C to pullbox UGM 13514	North side of I-215 near the I-215/I-515 interchange to north of the I-215 EB to I-515 NB flyover ramp	"P"	27+81 to 17+86			1,060	None, a portion of the line is close to the barrier rail along the north side of the SB I-515 to WB I-215 on-ramp. But relocation does not appear necessary.	None
20	3-1/0 1-4"C, pullbox UGM 14995, NNNO 3619 50 A, meter cabinet, 1/0 1-4"C A, 3-1/0 1-4"C to pullbox UGM 13514	South side of I-215 near the I-215/I-515 interchange to north of the I-215 EB to I-515 NB flyover ramp	"P"	22+02 to 17+86	x	x	670	Relocate 3-1/0 1-4"C line from "P" 22+01 to "P" 19+46	Relocate 3-1/0 1-4"C line from "P" 22+01 to "P" 20+09

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
21	3-1/0 1-4"C to pullbox UGM 13514	West side of SB I-515 off-ramp to EB Lake Mead Parkway, to south side of I-215 near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"L" to "P"	384+87 to 17+86				None	None
22	Electric facility - transformer pad PMNNN 00957 100 A to UGM 13514	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"P"	17+91				None	None
23	Electric facility - meter cabinet connected to PMNNN 00957	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"P"	18+02				None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
24	Electric facility - meter cabinet connected to PMNNN 00957	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"P"	18+01				None	None
25	Electric facility - meter cabinet connected to PMNNN 00957	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"P"	17+53				None	None
26	Electric facility - meter cabinet, line to PMNNN 00957	East side of Lake Mead Parkway NB on-ramp to NB I-515, southwest through the I-215/I-515 interchange, to the north of the I-215 EB to I-515 NB flyover ramp	"L" to "P"	379+87 to 17+91			700	None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
27	Electric facility - meter cabinet, line to PMNNN 00957	North side of Lake Mead Parkway WB on-ramp to SB I-515, southwest to the north of the I-215 EB to I-515 NB flyover ramp	"L" to "P"	381+04 to 17+91			460	None	None
28	Electric facility - line	North side of Lake Mead Parkway WB to I-515 on-ramp, east of the I-215/I-515 interchange	"LMP"	1095+84 to 1098+94		x	320	None	Relocate
29	Electric facility - line, box, line	Crossing the Lake Mead Parkway WB to NB I-515 on-ramp, east of the I-215/I-515 interchange	"LMP"	1101+54 to 1101+38		x	290	None	Relocate box, adjust lines to tie into new box
30	Electric facility	South side of I-215 near the I-215/I-515 interchange	"P"	14+29	x			Relocate	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
31	Electric facility	South side of I-215 near the I-215/I-515 interchange	"P"	14+26	x			Relocate	None
32	1-3" PVC	South side of I-215 through the I-215/I-515 interchange, connecting to #31 and #33	"P" to "LMP"	14+26 to 1101+91	x		780	Extend line to relocated facility #31	None
33	Electric facility	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1101+91				None	None
34	MH 20Q10, 3-1000MCM, MH 21Q8	South side of Lake Mead Parkway, east of the I-215/I-515 interchange to Eastgate Rd	"LMP"	1097+10 to 1087+90	x	x	920	Relocate MH 20Q10 and portion of 3-1000MCM line	Relocate MH 21Q8 out of sidewalk, adjust lines that connect to MH 21Q8.
35	3-1000MCM in 1 of 2-6"C connected to MH 21Q8 (#25)	South side of Lake Mead Parkway crossing Eastgate Rd	"LMP"	1087+90 to 1084+21		x	390	None	Minimal, adjustment of line needed to connect to relocated MH 21Q8.

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
36	2-6"	In Lake Mead Parkway crossing Eastgate Rd	"LMP"	1086+93 to 1085+33			160	None	None
37	MH 4027	East side of Eastgate Rd north of Lake Mead Parkway	"LMP"	1085+68				None	None
38	3-1000MCM in 1 of 3-6"C	Crossing Lake Mead Parkway east of Eastgate Road, then running east in Lake Mead Parkway	"LMP"	1085+68 to 1084+21			341	None	None
39	3-1000MCM in 1 of 3-6"C	Crossing Lake Mead Parkway east of Eastgate Road, then running east in Lake Mead Parkway	"LMP"	1085+68 to 1084+23			328	None	None
I-515: Horizon Drive to I-215/I-151 Interchange									

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
40	Electric facility - pole, overhead, pole	Crossing SB off-ramp at Horizon Dr, crossing I-515 north of Horizon Dr, crossing NB on-ramp at Horizon Dr	"L"	271+50 to 267+56			840	None	None
41	Electric facility - box, line	Gore area between I-515 and NB on-ramp at Horizon Dr	"L"	268+66 to 268+67			140	None	None
42	Electric facility - power cables	Gore area between I-515 and SB off-and on-ramp, north and south of Horizon Dr	"L"	264+93 to 278+38	x	x	1,300	Relocate cables between station "L" 278+16 to "L" 278+38.	Relocate cables between station "L" 278+16 to "L" 278+38.
43	Electric facility - power cables	East side of the Horizon Dr NB on-ramp to NB I-515	"L"	268+61 to 277+85	x	x	1,000	Relocate cables between station "L" 273+13 to "L" 277+85, cables are close to or under new barrier rail.	Relocate cables between station "L" 273+13 to "L" 277+85, cables are close to or under new barrier rail.
44	Electric facility - power cables	East side of I-515, north of Horizon Dr	"L"	277+47 to 295+80	x	x	1,870	Relocate from station "L" 286+27 to 295+80	Relocate from station "L" 286+27 to 295+80

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
45	Electric facility - power cables	East side of I-515, north of Horizon Dr, then crossing I-515	"L"	279+85 to 286+61	x	x	820	Extend line on the west side of I-515	Extend line on the west side of I-515
46	Electric facility - power cables	West side of I-515, north of Horizon Dr to north of the UPRR crossing	"L"	286+61 to 350+01	x	x	6,300	Relocate	Relocate
47	Electric facility - power cables	West side of I-515, north of Horizon Dr to north of the UPRR crossing	"L"	302+70 to 352+53	x	x	5,000	Relocate	Relocate
48	3-1000MCM in 2-6"C	Crossing I-515 south of the UPRR, south of the I-215/I-515 interchange	"L"	346+89 to 346+12			500	None	None
I-515: I-215/I-151 Interchange to Galleria Drive									

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
49	Line, MH 2675Q1, line, box, line, MH 2676, 3-1000MCM in 1 of 2-6"C, pullbox PB687852Y	West side of the I-515 SB off-ramp to WB Lake Mead Parkway, north crossing UPRR Henderson Spur into Auto Mall Dr	"L"	385+22 to 400+56	x		1,600	Relocate from station "L" 389+94 to "L" 397+02	None
50	Pole, 230 kV overhead, pole	Crossing I-515 north of the I-215/I-515 interchange, south of the UPRR Henderson Spur	"L"	395+06 to 389+70			800	None	None
51	Pole, 230 kV overhead, pole	Crossing I-515 north of the I-215/I-515 interchange, south of the UPRR Henderson Spur	"L"	395+21 to 391+05			700	None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
52	Pole, 230 kV overhead, pole	Crossing I-515 north of the I-215/I-515 interchange, south of the UPRR Henderson Spur	"L"	396+26 to 392+48			680	None	None
53	Electric facility - Two Poles, 3 overhead lines, Pole	Crossing I-515 north of the I-215/I-515 interchange, south of the UPRR Henderson Spur	"L"	393+93 & 394+09 to 389+70				None	None
54	3-1000MCM in 2-6"C	Crossing I-515 at the UPRR Henderson Spur	"L"	396+93 to 396+00			480	None	None
55	Electric facility - Meter cabinet	West side of I-515, north of the UPRR Henderson Spur	"L"	399+09				None	None
56	Transformer MMM 35287 50 A	West side of I-515, north of the UPRR Henderson Spur	"L"	399+19				None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
57	Electric facility - Meter cabinet	West side of I-515, north of the UPRR Henderson Spur	"L"	400+15				None	None
58	Transformer PM844016H 50 A	West side of I-515, north of the UPRR Henderson Spur	"L"	400+30				None	None
59	3000527841 Courtesy Leasing Billboard	West side of I-515, north of the UPRR Henderson Spur	"L"	400+74				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are
60	Note, there are numerous facilities in Auto Mall Dr and along the west side of Auto Mall Dr that are not listed in this table		"L"	404+46 to 455+93				None	None
61	4"	From the west side of I-515, crossing I-515 SB ramp near American Pacific Dr	"L"	415+13 to 415+14				None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
62	Pole, overhead line, pole, 230 kV OHP, pole	West side of I-515 from American Pacific Dr to north of Auto Show Dr	"L"	415+35 to 430+53			1,520	None	None
63	3 overhead lines (connected to #62) and poles continuing north. Labeled OHP 230 kV in some places	West side of I-515, north of Auto Show Dr to north of Warm Springs Rd	"L"	430+53 to 472+76			4,200	None	None
64	230 kV OHP and poles (connected to #63)	West side of I-515 north of Warm Springs Rd to north of Gibson Rd	"L"	472+76 to 479+80			700	None	None
65	2 overhead lines (connected to #64) and poles	West side of I-515 north of Gibson Rd to north of Galleria Dr	"L"	479+80 to 534+74			5,500	None	None
66	Electric facility - 4"	From the west side of I-515, crossing I-515 SB ramp and I-515 SB lanes south of Auto Show Dr	"L"	421+05 to 421+07			300	Impact is not clear	Impact is not clear

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
67	171983 Auto Mall Dr. relocate	West side of I-515 south of Auto Show Dr	"L"	425+67				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are
68	Transformer NNN 09658 50 A, 2 lines (200' and 180'), 2 meter cabinets	East side of I-515, south of Auto Show Dr	"L"	425+78 to 425+90			380	None	
69	187741 Fast Package "B" Services	East side of I-515, south of Auto Show Dr	"L"	426+11				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are
70	Electric facility - cabinet	East side of I-515, south of Auto Show Dr	"L"	425+84				None	
71	174171 Auto Show Dr Phase 4	East side of I-515, north of Auto Show Dr	"L"	427+55				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are
72	Transformer MMM 33899 167 B, and 5 meter cabinets	West side of I-515, north of Auto Show Dr	"L"	427+95				None	None
73	187741 Fast Package	West side of I-515, north of Auto Show Dr	"L"	427+66				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are
74	173595 Auto Mall Interchange	West side of I-515, north of Auto Show Dr	"L"	428+36				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
75	Meter switches and fuse cabinet - SW11631, FC6799 and SW11630	West side of I-515, north of Auto Show Dr	"L"	428+64				None	None
76	Capacitor Bank - CB2258 1200 ABC	West side of I-515, north of Auto Show Dr	"L"	428+79				None	None
77	3-1000MCM in 1 of 4-8"C (375'), MH2710, line (700')	West side of I-515, north of Auto Show Dr to south of Valley Auto Dr, connects to #78	"L"	428+64 to 439+55				None	None
78	Meter switches and fuse cabinet - SW3109, FC2619 and SW3110	West side of I-515, south of Valley Auto Dr	"L"	439+58				None	None
79	182331 Gibson Rd Improvements	West side of I-515, south of Warm Springs Rd	"L"	465+98				Not sure what this is and what the impacts are	Not sure what this is and what the impacts are
80	3-1000MCM 2-6"C	Crossing I-515, south side of Warm Springs Rd	"L"	466+56 to 465+52			260	None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
81	Electric facility - 1-6"	Crossing I-515, south side of Warm Springs Rd	"L"	466+56 to 465+52			260	None	None
82	3-1/0 1-4"C	Crossing I-515, north side of Warm Springs Rd	"L"	468+37 to 466+80			380	None	None
83	Electric facility	Crossing I-515, north side of Warm Springs Rd	"L"	468+37 to 466+80			380	None	None
84	Meter switches and fuse cabinet - SW3956, SW3954, FC2999, SW3955	West side of I-515, north of Warm Springs Rd	"L"	468+37				None	None
85	Electric facility	Crossing I-515, west side of Gibson Rd	"L"	472+98 to 479+67			750	None	None
86	MH 4946	West side of I-515, on the north side of Sunset Rd	"L"	498+56				None	None
87	Meter cabinet	West side of I-515, on the north side of Sunset Rd	"L"	498+46				None	None

UTILITY TABLE 4 – SUMMARY OF EXISTING ELECTRIC FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
88	1-6"C	Crossing I-515 on the north side of Sunset Rd	"L"	498+46 to 496+39			500	None	None
89	3-1000MCM 1-6"C	Crossing I-515 on the north side of Sunset Rd	"L"	498+46 to 496+39			500	None	None
90	1-6"C	Crossing I-515 on the north side of Sunset Rd	"L"	498+46 to 496+39			500	None	None
91	MH 4946	East side of I-515, on the north side of Sunset Rd	"L"	496+39				None	None
92	Poles and overhead power	Crossing I-515 south of Galleria Dr	"L"	528+84 to 513+90			1,700	None	None
93	Poles and overhead power	Crossing I-515 south of Galleria Dr	"L"	529+01 to 513+77			1,700	None	None
94	2-6"	Crossing I-515 on the south side of Galleria Dr	"L"	529+18 to 526+47			700	None	None

UTILITY TABLE 5 – SUMMARY OF EXISTING TELEPHONE FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	Telephone line - appears to connect to electric pullbox UGM 7791	North side of I-215, east of Stephanie St	"P"	80+49 to 78+47	x	x	270	Relocate pullbox, shorten telephone line to new pullbox location.	Relocate pullbox, shorten telephone line to new pullbox location.
2	Telephone line	Crossing I-215 at Gibson Rd	"P"	56+42 to 53+89			1,000	None	
3	Telephone facility (or Cable TV MH?, see #12 on Cable TV Table)	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"P"	17+89				None	None
4	Telephone line	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp to north side of Lake Mead Parkway east of the I-215/I-515 interchange	"P" to "LMP"	17+89 to 1103+09			1,000	None	None

UTILITY TABLE 5 – SUMMARY OF EXISTING TELEPHONE FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
5	Telephone facility	North side of Lake Mead Parkway east of the I-215/I-515 interchange	"LMP"	1103+09				None	None
6	Telephone line	North side of Lake Mead Parkway east of the I-215/I-515 interchange	"LMP"	1103+09 to 1102+83			30	None	None
7	Telephone facility	North side of Lake Mead Parkway east of the I-215/I-515 interchange	"LMP"	1102+83				None	None
8	Telephone line	North side of Lake Mead Parkway east of the I-215/I-515 interchange, east to crossing Lake Mead Parkway WB on-ramp to NB I-515	"LMP"	1102+83 to 1095+41		x	750	None	Adjust line to relocated facility (#9)

UTILITY TABLE 5 – SUMMARY OF EXISTING TELEPHONE FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
9	Telephone facility	North side of Lake Mead Parkway WB on-ramp to NB I-515	"LMP"	1095+41		x		None	Relocate facility
10	2-6" PVC, MH, Sprint 6-4", Sprint MH, line	North side of Lake Mead Parkway WB on-ramp to NB I-515 east to west of Eastgate Rd	"LMP"	1095+41 to 1085+95		x	1,050	None	Adjust portion of line to relocated facility (#9). Relocate Sprint MH at "LMP" 1087+54 and adjust line to relocated MH.
11	Telephone facility, line, facility, line, facility, line	North side of Lake Mead Parkway east of the I-215/I-515 interchange to crossing Lake Mead Parkway WB on-ramp to NB I-515	"LMP"	1103+04 to 1101+49		x	420	None	Relocate facility at "LMP" 1100+80 and adjust line to relocated facility.
12	2-4"	Crossing Eastgate Rd south of Lake Mead Parkway	"LMP"	1086+77 to 1084+77			270	None	None

UTILITY TABLE 5 – SUMMARY OF EXISTING TELEPHONE FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
13	Telephone facility	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1102+11				None	None
14	Telephone facility	South side of I-215 EB off-ramp to SB I-515	"P"	18+07				None	None
15	Telephone facility	North side of the SB I-515 off-ramp to WB I-215	"P"	20+97				None	None
I-515: I-215/I-151 Interchange to Galleria Drive									
16	line, facility, 2-4" PVC, telephone facility, line	Crossing I-515, north of the I-215/I-515 interchange	"L"	404+44 to 405+14	x	x	440	Looks like there is a facility on the west side of I-515 that the telephone line is connected to - need to identify the facility because it will need to be relocated	Looks like there is a facility on the west side of I-515 that the telephone line is connected to - need to identify the facility because it will need to be relocated

UTILITY TABLE 5 – SUMMARY OF EXISTING TELEPHONE FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
17		Note, there are numerous facilities along the west side of Auto Mall Dr from American Pacific Dr to Valley Auto Dr that are not listed in this table						None	None
18	Telephone facility and line	East side of I-515, north of Auto Show Dr	"L"	427+19 to 427+29			430	None	None
19	4-4" PVC	Crossing I-515 at Gibson Dr	"L"	471+40 to 480+42			1,000	None	None
20	1-1.25" ATT F/0	Crossing I-515 at Sunset Rd	"L"	498+52 to 493+17			1,200	None	None

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	2-3"	Crossing I-215 at Stephanie St	"P"	108+50 to 106+87			950	None	None
2	Cox	Crossing I-215 at Stephanie St	"P"	108+50 to 106+87			950	None	None
3	3-6" UGP/CATV	South of I-215 on the west side of Gibson Rd, then crossing Gibson Rd, then crossing I-215	"P"	55+29 to 55+97			550	None	None
4	Line	South of I-215 on the west side of Gibson Rd, then crossing Gibson Rd, then crossing I-215	"P"	55+29 to 55+97			550	None	None
5	Overhead, OTV	Crossing I-215 at Gibson Rd	"P"	56+63 to 53+95			1,300	None	None

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
6	Line	South of I-215 on the west side of Gibson Rd, then traveling east along the south side of the I-215, connects to #8	"P"	55+29 to 48+24	x	x	850	May need to relocate to accommodate relocation of #8	Relocate line from station "P" 54+89 to "P" 48+24
7	CATV Cox	South of I-215 on the west side of Gibson Rd, then traveling east along the south side of the I-215, connects to #8	"P"	55+29 to 48+24	x	x	850	May need to relocate to accommodate relocation of #8	Relocate line from station "P" 54+86 to "P" 48+24
8	Cable TV facility	South side of I-215 between EB I-215 and EB on-ramp at Gibson Rd	"P"	48+24	x	x		Relocate facility, may require relocation of lines connecting to this facility (#6 & #7)	Relocate facility

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
9	Line	Connects to #8, south side of I-215 between EB I-215 and EB on-ramp at Gibson Rd, crossing the on-ramp and traveling east along the south side of I-215 to just west of the I-215/I-515 interchange. Connects to Telephone facility (#14)	"P"	48+24 to 18+07	x	x	3,000	Relocate to accommodate relocation of #8 and to move line outside of new travel lanes	Relocate line from station "P" 48+24 to "P" 20+50
10	Line	South side of I-215, along the north side of the access road, connects to telephone facility (#14)	"P"	52+93 to 18+07	x	x	3,500	Relocate	Relocate

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
11	Line	Connects to telephone facility (#14) south side of I-215 just west of the I-215/I-515 interchange, crossing I-215, north of the I-215 EB to I-515 NB flyover ramp	"P"	18+07 to 17+89			300	None	None
12	Cable TV facility	Near the I-215/I-515 interchange, north of the I-215 EB to I-515 NB flyover ramp	"P"	17+89				None	None
13	1-2" PVC	North side of I-215, east of Gibson Rd to the north side of the SB I-515 off-ramp to WB I-215, connects to telephone facility #15	"P"	29+43 to 20+97	x		950	Relocate line from station "P" 20+67 to "P" 21+76	None

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
14	2-4" PVC	North side of the SB I-515 off-ramp to WB I-215, to north of the I-215 EB to I-515 NB flyover ramp	"P"	20+97 to 17+89			340	None	None
15	Line	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1102+10 to 1101+90			30	None	None
16	Cable TV facility	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1101+90				None	None
17	2-4" PVC	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1101+90 to 1097+74			400	None	None

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
18	Cable TV facility	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1097+74				None	None
19	Line	South side of Lake Mead Parkway, east of the I-215/I-515 interchange to Eastgate Rd	"LMP"	1097+74 to 1086+66	x	x	1,100	Relocate line from station "LMP" 1095+20 to "LMP" 1086+66.	Relocate line from station "LMP" 1094+22 to "LMP" 1086+66.
I-515: Horizon Drive to I-215/I-151 Interchange									
20	Note, there is a facility in Horizon Ridge Parkway from Horizon Dr to the UPRR that is not listed in this table								
21	Line	Crossing I-515 at the UPRR, south of the I-215/I-515 interchange	"L"	352+08 to 345+15			925	None	None
I-515: I-215/I-151 Interchange to Galleria Drive									

UTILITY TABLE 6 – SUMMARY OF EXISTING CABLE TV FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station		Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
					1	2			
22	Note, there is a facility along the west side of Auto Mall Dr from American Pacific Dr to Kelso Dunes Ave that are not listed in this table							None	None
23	Line	Crossing I-515 at Warm Springs Rd, on the south side of Warm Springs Rd	"L"	466+84 to 463+77			850	None	None
24	Line	Crossing I-515 at Warm Springs Rd, on the north side of Warm Springs Rd	"L"	467+66 to 466+05			425	None	None
25	4-4" PVC (CTL)	Crossing I-515 at Sunset Rd	"L"	499+33 to 493+46			1350	None	None

UTILITY TABLE 7 – SUMMARY OF EXISTING UNKNOWN FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2
				1	2			
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street								
1	Unknown facility	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1101+98			None	None
2	Unknown facility - MH	South side of Lake Mead Parkway, east of the I-215/I-515 interchange	"LMP"	1097+10	x		Relocate	None
3	Unknown facility	South side of Lake Mead Parkway, west of Eastgate Rd	"LMP"	1087+10	x		Relocate	Relocate
I-515: I-215/I-151 Interchange to Galleria Drive								
4	Unknown facility	West side of I-515, north of Sunset Rd	"L"	506+84			None	None

UTILITY TABLE 8 – SUMMARY OF EXISTING STEAM PIPE FACILITIES AND IMPACTS

ID #	Facility Name and Description	Location	Approximate Station	Impacted By Option		Approx. Length	Impact – Option 1	Impact – Option 2	
				1	2				
I-215 and Lake Mead Parkway: Stephanie Street to Van Wagenen Street									
1	10" Steam Pipe	Crossing I-215, west of the I-215/I-515 interchange	"P"	22+41 to 22+53	x	x	300	Not sure - does steam pipe need to be extended on the right?	Not sure - does steam pipe need to be extended on the left?