

UTILITY ANALYSIS
Appendix D

Umed Utility Conflicts

Table 1: Water Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
2	1+05 to 3+19	28' LT	12" Cast Iron Water Main	No Apparent Conflict	
	1+28	30' LT	Water Valve	Within Proposed Improvements	Adjust
3	5+64 to 8+01	13' RT	16" Cast Iron Water Main	No Apparent Conflict	
4	13+85 to 17+29	21' RT	16" Cast Iron Water Main	No Apparent Conflict	
	14+99	21' RT to LT	12" Water Line to UAA	No Apparent Conflict	
	14+89	49' RT	Fire Hydrant	Within Proposed Improvements	Relocate
5	20+33 to 23+23	RT	16" Cast Iron Water Main	No Apparent Conflict	
	20+89	25' RT to RT	10" Water Line	No Apparent Conflict	
6b	23+62 to 29+55	RT	16" Cast Iron Water Main	No Apparent Conflict	
	25+00	30' RT to LT	8" Water Line	No Apparent Conflict	
7	38+90 to 41+40	16' RT	16" Ductile Iron Water Main	No Apparent Conflict	
8	44+00 to 47+74	RT	16" Ductile Iron Water Main	No Apparent Conflict	
	45+16	23' RT to LT	10" Water Line	No Apparent Conflict	
9 & 10	47+74 to 60+58	RT	16" Ductile Iron Water Main	No Apparent Conflict	
10	57+27	45' LT	Valve	Within Proposed Improvements	Adjust
	57+28	42' LT to LT	8" Water Line	No Apparent Conflict	
	57+49	30' RT	Valve	Within Proposed Improvements	Adjust
	57+54 to 57+28	29' RT to 42' LT	16" Ductile Iron Water Main	No Apparent Conflict	
	57+54	27' RT	Valve	No Apparent Conflict	
	57+60	27' RT	Valve	No Apparent Conflict	

Umed Utility Conflicts

Table 2: Sewer Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
4	13+85 to 17+29	7' LT	12" Ductile Iron Sewer Main	No Apparent Conflict	
	14+42	46' RT	Abandoned Sewer Manhole	No Apparent Conflict	
	15+07	7' LT	Sewer Manhole	No Apparent Conflict	
5	20+33 to 23+33	8' LT	12" Ductile Iron Sewer Main	No Apparent Conflict	
	20+33 to 20+95	66' LT	18" Ductile Iron Sewer Main	No Apparent Conflict	
	20+95	66' LT	Sewer Manhole	No Apparent Conflict	
	20+95	66' LT to LT	18" Ductile Iron Sewer Main	No Apparent Conflict	
	21+11	88' RT	Sewer Manhole	No Apparent Conflict	
	21+30	8' LT	Sewer Manhole	No Apparent Conflict	
	21+30	8' LT to RT	Sewer Main	No Apparent Conflict	
6	23+62 to 29+55	LT to RT	Sewer Main	No Apparent Conflict	
	25+19	17' RT	Sewer Manhole	No Apparent Conflict	
7	38+90 to 41+40	31' RT	12" Asbestos Concrete Sewer Main	No Apparent Conflict	
8	44+00 to 47+75	RT	12" Asbestos Concrete Sewer Main	No Apparent Conflict	
	45+16	32' RT	Sewer Manhole	No Apparent Conflict	
	47+29	34' RT	Sewer Manhole	No Apparent Conflict	
	47+29	34' RT to LT	8" Ductile Iron Sewer Main	No Apparent Conflict	
10	57+64	RT to LT	48" Reinforced Concrete Sewer Main	No Apparent Conflict	
	57+64	3' LT	Sewer Manhole	No Apparent Conflict	
	59+28	3' LT	Abandoned Sewer Manhole	No Apparent Conflict	

Umed Utility Conflicts

Table 3: Natural Gas Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
2	1+05 to 3+19	LT	4" Plastic Main	No Apparent Conflict	
3	5+63 to 8+01	29' RT	6" Steel Main	No Apparent Conflict	
	5+89 to 7+02	57' RT	8" Plastic Main	No Apparent Conflict	
	7+02 to 7+33	59' RT	8" Plastic Main	Within Proposed Improvements	Move/Lower as Required
	7+33 to 8+01	58' RT	8" Plastic Main	No Apparent Conflict	
	6+01	29' RT to 57' RT	6" Steel Main	No Apparent Conflict	
	6+01	44' RT	Gas Manhole	No Apparent Conflict	
4	13+84 to 17+29	31' RT	6" Steel Main	No Apparent Conflict	
	13+84 to 17+29	55' RT	8" Plastic Main	No Apparent Conflict	
	14+04	57' RT to RT	2" Plastic Service	No Apparent Conflict	
	14+68	33' RT to LT	3" Steel Service	No Apparent Conflict	
5	20+33 to 23+29	30' RT	6" Steel Main	No Apparent Conflict	
	20+33 to 21+68	RT	8" Plastic Main	No Apparent Conflict	
	21+68 to 22+56	62' RT	8" Plastic Main	Within Proposed Improvements	Move/Lower as Required
	22+56 to 23+33	RT	8" Plastic Main	No Apparent Conflict	
6b	23+64 to 28+22	RT	6" Steel Main	No Apparent Conflict	
	23+64 to 28+22	RT	8" Plastic Main	No Apparent Conflict	
	28+28 to 29+42	RT	6" Plastic Main	No Apparent Conflict	
	28+49	86' RT	Gas Vault	No Apparent Conflict	
	28+77 to 29+59	RT	6" Transmission Pressure Main	No Apparent Conflict	
	29+31	95' RT to RT	4" Plastic Main	No Apparent Conflict	
6e	23+29 to 29+37	RT	6" Transmission Pressure Main	No Apparent Conflict	
7	38+90 to 41+40	LT	2" Plastic Main	No Apparent Conflict	
	38+90 to 41+41	38' RT	6" Transmission Pressure Main	No Apparent Conflict	
8	44+29 to 46+11	RT	6" Transmission Pressure Main	Within Proposed Improvements	Move/Lower as Required
	46+11 to 47+82	RT	6" Transmission Pressure Main	No Apparent Conflict	

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Table 3: Natural Gas Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
9	47+82 to 57+53	RT to LT	6" Transmission Pressure Main	No Apparent Conflict	
10	57+53 to 58+48	LT	6" Transmission Pressure Main	No Apparent Conflict	
	58+04	LT to RT	12" Transmission Pressure Main	No Apparent Conflict	
	702+66	42' LT to 65' RT	6" Plastic Main	No Apparent Conflict	

Umed Utility Conflicts

Table 4: Electrical Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
3	5+56	LT to RT	Three Phase Underground Distribution	No Apparent Conflict	
	5+63	41' RT	Traffic J-Box	No Apparent Conflict	
	5+64	43' RT	Traffic Controller Cabinet	No Apparent Conflict	
	5+65	41' RT	Traffic J-Box	No Apparent Conflict	
	5+89	47' RT	Transformer	No Apparent Conflict	
	5+89	47' RT to LT	Three Phase Underground Distribution	No Apparent Conflict	
	5+64 to 7+02	RT	Underground Traffic Line	No Apparent Conflict	
	6+89	48' RT	Electric J-Box	Within Proposed Improvements	Relocate as Necessary
	6+90	49' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	7+02 to 7+33	52' RT	Underground Traffic Line	Within Proposed Improvements	Move/Lower as Required
	7+33 to 8+01	52' RT	Underground Traffic Line	No Apparent Conflict	
4	13+85 to 17+29	51' RT	Underground Traffic Line	No Apparent Conflict	
	13+85 to 17+30	50' LT	Three Phase Underground Distribution	No Apparent Conflict	
	13+89	47' RT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	13+91	48' RT	Street Light Pole	No Apparent Conflict	
	14+00	53' RT	Traffic J-Box	No Apparent Conflict	
	15+20	58' LT to 43' RT	Three Phase Underground Distribution	No Apparent Conflict	
	15+25	49' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	15+33	64' RT	Pedestrian Light Pole	No Apparent Conflict	
	15+40	56' RT	Electric J-Box	No Apparent Conflict	
	15+41	47' RT	Electric J-Box	Within Proposed Improvements	Relocate as Necessary
	15+43	48' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	15+90	62' LT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	15+20 to 16+89	59' RT	Three Phase Underground Distribution	No Apparent Conflict	
	16+74	49' LT	Street Light Pole	No Apparent Conflict	
	16+89	46' RT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary

Umed Utility Conflicts

Table 4: Electrical Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
	16+90	48' RT	Street Light Pole	No Apparent Conflict	
5	20+33 to 20+68	64' RT	Underground Traffic Line	No Apparent Conflict	
	20+33 to 23+23	45' LT	Three Phase Underground Distribution	No Apparent Conflict	
	20+50	5' RT	Traffic J-Box	Within Proposed Improvements	Adjust as Necessary
	20+51	65' LT	Traffic Controller Cabinet	No Apparent Conflict	
	20+52	67' LT	Traffic J-Box	No Apparent Conflict	
	20+59	62' LT	Traffic Signal	No Apparent Conflict	
	20+60	65' RT	Traffic Signal	No Apparent Conflict	
	20+62	66' RT	Traffic J-Box	No Apparent Conflict	
	20+63	64' RT to 67' LT	Underground Traffic Line	No Apparent Conflict	
	21+46	56' LT	Traffic Signal	No Apparent Conflict	
	21+48	70' LT	Electric J-Box	No Apparent Conflict	
	21+52	69' LT	Electric J-Box	No Apparent Conflict	
	21+56	69' LT	Transformer	No Apparent Conflict	
	21+59	57' RT	Traffic Signal	No Apparent Conflict	
	21+60	48' LT	Street Light Pole	No Apparent Conflict	
	21+61	46' LT	Electric J-Box	No Apparent Conflict	
	21+70	46' LT	Transformer	No Apparent Conflict	
	21+76	57' RT	Electric Pedestal	No Apparent Conflict	
6b	23+62 to 29+02	55' LT	Three Phase Underground Distribution	No Apparent Conflict	
	28+88	34' RT	Electric J-Box	Within Proposed Improvements	Relocate as Necessary
	28+88	60' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	29+90	37' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	29+02	54' LT to 46' RT	Three Phase Underground Distribution	No Apparent Conflict	
	29+13 to 30+43	RT	Three Phase Underground Distribution	No Apparent Conflict	
	29+27	56' RT to RT	Underground Distribution Line	No Apparent Conflict	

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Table 4: Electrical Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
	30+35	63' LT	Street Light Pole	No Apparent Conflict	
	30+37	61' LT	Electric J-Box	No Apparent Conflict	
6e	21+90 to 28+32	LT	Three Phase Underground Distribution	No Apparent Conflict	
	23+05	48' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	24+54	52' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	24+59	45' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	25+74	54' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	25+84	42' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	27+36	39' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	27+40	58' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
7	38+90 to 41+40	LT	Underground Traffic Line	No Apparent Conflict	
	39+04	39' LT	Street Light Pole	No Apparent Conflict	
	39+80	53' LT	Electric J-Box	No Apparent Conflict	
	40+51	47' LT	Street Light Pole	No Apparent Conflict	
8	44+02 to 47+60	LT	Underground Traffic Line	No Apparent Conflict	
	44+20 to 47+53	RT	Three Phase Underground Distribution	Within Proposed Improvements	Move/Lower as Required
	44+40	70' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	45+31 to 46+98	RT	Overhead Electric Line	No Apparent Conflict	
	44+86	49' LT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	45+13	57' LT	Pedestrian Light Pole	Within Proposed Improvements	Relocate as Necessary
	45+18	59' LT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	45+31	38' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	45+82	40' RT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	45+89	62' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	46+52	38' RT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
46+62	38' RT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary	

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Table 4: Electrical Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
	46+63	4' LT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	46+83	40' RT	Traffic J-Box	Within Proposed Improvements	Adjust as Necessary
	46+85	43' RT	Traffic Controller Cabinet	No Apparent Conflict	
	46+87	40' RT	Traffic J-Box	Within Proposed Improvements	Adjust as Necessary
	46+98	45' RT	Traffic Signal	No Apparent Conflict	
	47+53 to 47+71	RT	Three Phase Underground Distribution	Within Proposed Improvements	Move/Lower as Required
	47+55	64' RT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	47+57	47' LT	Traffic J-Box	Within Proposed Improvements	Adjust as Necessary
	47+62	44' LT	Traffic Signal	No Apparent Conflict	
	47+62 to 47+74	RT	Underground Distribution Line	Within Proposed Improvements	Move/Lower as Required
	47+68	66' LT to 46' RT	Underground Distribution Line	No Apparent Conflict	
	47+69	43' RT	Traffic J-Box	Within Proposed Improvements	Adjust as Necessary
	47+71	34' LT	Electric J-Box	Within Proposed Improvements	Adjust as Necessary
	47+71	42' RT	Traffic Signal	No Apparent Conflict	
	47+77	48' RT	Electric Switch Cabinet	No Apparent Conflict	
	9	47+74 to 57+87	43' RT	Three Phase Underground Distribution	No Apparent Conflict
49+06		37' LT	Street Light Pole	No Apparent Conflict	
49+06		35' LT	Electric J-Box	No Apparent Conflict	
50+47		37' LT	Street Light Pole	No Apparent Conflict	
50+47		35' LT	Electric J-Box	No Apparent Conflict	
51+92		37' LT	Street Light Pole	No Apparent Conflict	
53+37		37' LT	Street Light Pole	No Apparent Conflict	
54+81		38' LT	Street Light Pole	No Apparent Conflict	
56+26		38' LT	Street Light Pole	No Apparent Conflict	
56+86		37' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
10	57+73	38' LT	Street Light Pole	No Apparent Conflict	

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Table 4: Electrical Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
	58+21	51' RT	Street Light Pole	No Apparent Conflict	
	58+34	26' RT	Street Light Pole	Within Proposed Improvements	Relocate as Necessary
	58+42 to 60+59	RT	Three Phase Underground Distribution	No Apparent Conflict	
	703+02 to 704+87	64' RT	Three Phase Underground Distribution	No Apparent Conflict	

Umed Utility Conflicts

Table 5: Telephone Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
4	13+85 to 17+29	60' RT	Underground Telephone Line	No Apparent Conflict	
	13+85 to 17+29	LT	Underground Telephone Line	No Apparent Conflict	
	15+11	50' LT	Telephone Pedestal	Within Proposed Improvements	Relocate as Necessary
	15+16	56' RT to 49' LT	Underground Telephone Line	No Apparent Conflict	
	15+16	59' RT	Telephone/Utility Vault	No Apparent Conflict	
	16+75	64' RT	Telephone Pedestal	No Apparent Conflict	
5	20+33 to 23+23	LT	Underground Telephone Line	No Apparent Conflict	
	20+59	68' RT	Telephone Pedestal	No Apparent Conflict	
6b	23+62 to 28+99	LT	Underground Telephone Line	No Apparent Conflict	
	29+01	54' LT to 43' RT	Underground Telephone Line	No Apparent Conflict	
	29+10 to 30+28	LT	Underground Telephone Line	No Apparent Conflict	
	29+10	43' LT	Telephone Manhole	No Apparent Conflict	
6e	21+90 to 28+32	LT	Underground Telephone Line	No Apparent Conflict	
8	44+28 to 47+53	RT	Underground Telephone Line	Within Proposed Improvements	Move/Lower as Required
	46+94	33' LT to LT	Underground Telephone Line	No Apparent Conflict	
	46+94 to 47+59	33' LT	Underground Telephone Line	No Apparent Conflict	
	47+53 to 47+69	RT	Underground Telephone Line	Within Proposed Improvements	Move/Lower as Required
	47+69 to 47+74	RT	Underground Telephone Line	No Apparent Conflict	
9	47+82	46' LT	Telephone Pedestal	No Apparent Conflict	
10	58+38 to 59+01	RT	Underground Telephone Line	No Apparent Conflict	
	59+01	26' RT to 45' LT	Underground Telephone Line	No Apparent Conflict	
	59+04 to 60+59	50' LT	Underground Telephone Line	No Apparent Conflict	
	703+02 to 704+57	69' RT	Underground Telephone Line	No Apparent Conflict	
	703+02 to 704+74	RT	Underground Telephone Line	No Apparent Conflict	

Umed Utility Conflicts

Table 6: TV Cable Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
7	38+90 to 41+40	LT	Underground Cable Line	No Apparent Conflict	
8	44+00 to 47+74	LT	Underground Cable Line	No Apparent Conflict	
	44+00 to 44+57	40' RT	Underground Cable Line	No Apparent Conflict	
	44+57	40' RT to 70' LT	Underground Cable Line	No Apparent Conflict	
9	47+74 to 57+58	37' LT	Underground Cable Line	No Apparent Conflict	
10	57+58 to 59+06	30' LT	Underground Cable Line	No Apparent Conflict	
	59+06 to 60+52	29' LT	Underground Cable Line	Within Proposed Improvements	Move/Lower as Required

Umed Utility Conflicts

Table 7: Fiber Optic Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
3	5+63 to 7+02	50' RT	ACS Fiber Optic Line	No Apparent Conflict	
	7+02 to 7+33	RT	ACS Fiber Optic Line	Within Proposed Improvements	Move/Lower as Required
	7+33 to 8+01	RT	GCI Fiber Optic Line	No Apparent Conflict	
4	13+85 to 17+29	51' RT	GCI Fiber Optic Line	No Apparent Conflict	
5	20+34 to 21+68	RT	GCI Fiber Optic Line	No Apparent Conflict	
	21+68 to 22+54	RT	GCI Fiber Optic Line	Within Proposed Improvements	Move/Lower as Required
	22+54 to 23+33	RT	GCI Fiber Optic Line	No Apparent Conflict	
	20+34 to 21+80	65' RT	ACS Fiber Optic Line	No Apparent Conflict	
	21+80 to 22+54	65' RT	ACS Fiber Optic Line	Within Proposed Improvements	Move/Lower as Required
	22+54 to 23+33	65' RT	ACS Fiber Optic Line	No Apparent Conflict	
6b	23+62 to 32+28	45' RT	ACS Fiber Optic Line	No Apparent Conflict	
	23+62 to 32+29	RT	GCI Fiber Optic Line	No Apparent Conflict	
6e	23+29 to 25+99	RT	ACS Fiber Optic Line	No Apparent Conflict	
	23+29 to 29+40	RT	GCI Fiber Optic Line	No Apparent Conflict	
8	44+30 to 46+00	RT	GCI Fiber Optic Line	Within Proposed Improvements	Move/Lower as Required
	44+30 to 47+66	45' RT	ACS Fiber Optic Line	Within Proposed Improvements	Move/Lower as Required
	46+19 to 47+44	LT	ACS Fiber Optic Line	No Apparent Conflict	
	46+19	54' LT	Fiber Optic Vault	No Apparent Conflict	
	46+00 to 47+51	RT	GCI Fiber Optic Line	No Apparent Conflict	
	47+51 to 47+66	RT	GCI Fiber Optic Line	Within Proposed Improvements	Move/Lower as Required
	47+66 to 47+44	RT	GCI Fiber Optic Line	No Apparent Conflict	
	47+66 to 47+44	45' RT	ACS Fiber Optic Line	No Apparent Conflict	
9	47+44 to 57+89	53' RT	ACS Fiber Optic Line	No Apparent Conflict	
	47+44 to 57+90	55' RT	GCI Fiber Optic Line	No Apparent Conflict	
	48+04	54' RT to 45' LT	ACS Fiber Optic Line	No Apparent Conflict	
	48+08	47' RT to 53' LT	GCI Fiber Optic Line	No Apparent Conflict	

Umed Utility Conflicts

Table 7: Fiber Optic Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
10	58+18	LT to RT	GCI Fiber Optic Line	No Apparent Conflict	
	58+08	40' LT	Fiber Optic Vault	No Apparent Conflict	
	58+10	RT to 36' LT	GCI Fiber Optic Line	No Apparent Conflict	
	58+10 to 60+61	38' LT	GCI Fiber Optic Line	No Apparent Conflict	

Umed Utility Conflicts

Table 8: Storm Drain Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
2	1+05	36' LT	Strom Drain Pipe	No Apparent Conflict	
	1+17	36' LT	Catch Basin Manhole	Within Proposed Improvements	Adjust as Necessary
	1+17	36' LT to RT	Strom Drain Pipe	No Apparent Conflict	
4	14+06 to 17+29	25' LT	Strom Drain Pipe	No Apparent Conflict	
	14+83	43' RT	Catch Basin	Within Proposed Improvements	Adjust as Necessary
5	20+34	LT	Strom Drain Pipe	No Apparent Conflict	
	20+79 to 21+36	81' RT	Strom Drain Pipe	No Apparent Conflict	
	20+79	80' RT	Catch Basin	Within Proposed Improvements	Adjust as Necessary
	20+97	80' RT to RT	Strom Drain Pipe	No Apparent Conflict	
	21+02	56' LT	Manhole	Within Proposed Improvements	Adjust as Necessary
	21+02	56' LT to LT	Strom Drain Pipe	No Apparent Conflict	
	21+36	81' RT	Catch Basin	No Apparent Conflict	
6	29+33	7' LT	Catch Basin	Within Proposed Improvements	Adjust as Necessary
	29+33	7' LT to 55' LT	Strom Drain Pipe	No Apparent Conflict	
	29+33	55' LT	Catch Basin	Within Proposed Improvements	Adjust as Necessary
	29+33 to 30+29	59' LT	Strom Drain Pipe	No Apparent Conflict	
7	38+90 to 41+40	RT to LT	Strom Drain Pipe	No Apparent Conflict	
	40+32	46' LT	Catch Basin	Within Proposed Improvements	Relocate as Necessary
	40+32	2' LT to 46' LT	Strom Drain Pipe	No Apparent Conflict	
8	44+01 to 44+74	LT to RT	Strom Drain Pipe	No Apparent Conflict	
	44+25	2' RT	Manhole	Within Proposed Improvements	Adjust as Necessary
	44+25	LT to RT	Strom Drain Pipe	No Apparent Conflict	
	44+25 to 45+00	LT to RT	Strom Drain Pipe	No Apparent Conflict	
	44+25 to 44+83	2' RT to RT	Strom Drain Pipe	No Apparent Conflict	
	44+84	30' RT	Catch Basin	Within Proposed Improvements	Relocate as Necessary
	47+27 to 47+86	2' LT to RT	Strom Drain Pipe	No Apparent Conflict	

Umed Utility Conflicts

Table 8: Storm Drain Conflicts

Figure	Station	Offset	Structures	Conflict	Resolution
	47+27 to 47+80	2' LT to LT	Strom Drain Pipe	No Apparent Conflict	
	47+80	32' LT	Catch Basin	No Apparent Conflict	
	47+86	31' RT	Catch Basin	No Apparent Conflict	
9	44+74 to 57+26	12' LT	Strom Drain Pipe	No Apparent Conflict	
	50+62	12' LT to 34' LT	Strom Drain Pipe	No Apparent Conflict	
	54+21	12' LT to 35' LT	Strom Drain Pipe	No Apparent Conflict	
	57+26	13' LT to 59' RT	Strom Drain Pipe	Within Proposed Improvements	Adjust as Necessary
	57+32	59' RT	Catch Basin	Within Proposed Improvements	Relocate as Necessary
10	57+32 to 58+11	RT	Strom Drain Pipe	Within Proposed Improvements	Adjust as Necessary
	58+11	68' RT	Catch Basin	Within Proposed Improvements	Adjust as Necessary
	703+02 to 704+68	43' RT	Strom Drain Pipe	No Apparent Conflict	