

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V		
	Priority	Work Order #	Division	Town Code	Street	From	To	Status	Actual Completion Date	Comments	Actual Install Footage	Service Relays/Inserts	Service Reconnects	Main Costs (Loaded Cost/ Excl. Degradation Fees)	Service Costs (Loaded)	Main & Service Costs (Total Loaded Cost/ Excl. Degradation Fees)	Main Costs to be Removed (Unrecoverable)	Service Costs to be Removed (Unrecoverable)	Recoverable Main Costs	Recoverable Service Costs	Degradation Fees	Total Recoverable Cost (Excl MNC Degradation Fees)		
1	1	864581	South	NAS	5-21 RIDGE ST, NAS	TOLLES ST	WHITNEY ST	COMP	11/15/2013	Main costs include 1 unposted invoice, applied 23% for loadings to unposted invoices.	350	7 RELAYS	2 TRANSFERS	\$73,805	\$20,791	\$94,596	\$8,049	\$8,310	\$65,756	\$12,481		\$78,237		
2	2	761504	Central	MNC	82-151 CLARKE ST, MNC, UNION ST & WALNUT ST	RAY ST	WALNUT ST	COMP	7/15/2013	Not invoiced for all costs. Costs for 1 relay was estimated based on the average cost for a relay for this job. applied 23% for loadings to unposted invoices.	2497	14 RELAYS, 1 ABANDON, 1 NEW SVS	16 TRANSFERS	\$495,368	\$133,883	\$629,251	\$9,789	\$62,884	\$485,579	\$70,999	\$70,745		\$556,578	
3	3	864770	Central	MNC	407-432 LINCOLN ST, MNC	CEDAR ST	SPRUCE ST	COMP	10/14/2013	MAIN ABANDONMENT ONLY / SERVICES TO H.P.	0	4 RELAYS		\$25,160	\$16,558	\$41,718	\$0	\$4,183	\$25,160	\$12,375	\$2,400		\$37,535	
4	4	864755	South	NAS	1-44 REVERE ST, NAS, & FERNWOOD ST	MAIN ST	EOM	COMP	10/9/2013	Possible duplicate invoice for service relay	1135	14 RELAYS	4 TRANSFERS	\$218,972	\$87,949	\$306,921	\$3,213	\$38,046	\$215,759	\$49,903			\$265,662	
5	5	864709	South	NAS	8-18 MAPLE ST, NAS	MULBERRY SY	W HOLLIS ST	COMP	11/27/2013	Main costs include 1 unposted invoice, applied 23% for loadings to unposted invoices.	330	1 INSERT, 4 RELAYS		\$61,253	\$15,905	\$77,158	\$0	\$3,482	\$61,253	\$12,423			\$73,676	
6	6	889826	Central	MNC	793-948 SOMERVILLE ST, MNC	TAYLOR ST	SPRINGVIEW AV	COMP	10/5/2013	Not fully invoiced for all costs. Cost for 1 Relay was estimated based on the average cost for a relay for this particular job. Accrual added to main costs	1055	12 RELAYS	9 TRANSFERS	\$122,297	\$41,670	\$163,967	\$0	\$24,887	\$122,297	\$16,783	\$28,500		\$139,080	
7	7	761494	Central	MNC	193-200 PEARL ST, MNC, ASH ST & MAPLE ST	UNION ST	ORANGE ST	COMP	6/21/2013	Service costs include 1 unposted invoice, applied 23% for loadings to unposted invoices.	1430	4 INSERTS, 4 RELAYS		\$206,433	\$40,992	\$247,425	\$0	\$27,569	\$206,433	\$13,423	\$13,015		\$219,856	
8	8	864763	Central	MNC	14-114 HUDSON ST, MNC	PORTER ST	MAMMOTH RD	COMP	9/26/2013	Not fully invoiced for all costs. Cost for 1 insert is estimated based on the average cost for an insert for this particular job. Accrual added to main costs	880	8 INSERTS, 6 RELAYS		\$89,551	\$33,163	\$122,714	\$0	\$28,051	\$89,551	\$5,112	\$29,820		\$94,663	
9	9	864739	South	NAS	20-36 SUMMER ST, NAS	NORTON ST	KENDRICK ST	COMP	12/2/2013	Not invoiced for all costs. Costs for 2 relays were estimated based on the average cost for a relay for this job. Applied 23% for loadings to unposted invoices.	506	8 RELAYS	4 TRANSFERS	\$107,280	\$39,472	\$146,752	\$2,571	\$14,708	\$104,709	\$24,764			\$129,473	
10	10	864759	North	BMT	17-28 SUNSET DR, BMT	WINNISQUAM WY	COURTESY AV	COMP	11/6/2013	No paving - carry over costs are estimated with an applied loading of 23%	460	2 INSERTS	2 TRANSFERS	\$67,573	\$6,748	\$74,321	\$2,861	\$5,445	\$64,712	\$1,303			\$66,015	
11	11	807276	South	NAS	3-25 PRATT ST, NAS, & ZELLWOOD ST	MAIN ST	LAWNDALE AV	COMP	10/11/2013	Service costs include 1 unposted invoice, applied 23% for loadings to unposted invoices. May be an additional Relay/ or dup invoice.	1116	12 RELAYS	9 TRANSFERS	\$206,053	\$57,302	\$263,355	\$0	\$20,239	\$206,053	\$37,063			\$243,116	
12	12	791801	Central	MNC	3-4 MASTER ST, MNC, & HILL ST	SECOND ST	HILL ST	COMP	10/17/2013	Not invoiced for all costs. Need additional information for 1 service. Service cost estimated, with 23% loading applied.	450	2 RELAYS	1 TRANSFER	\$96,044	\$5,516	\$101,560	\$0	\$1,937	\$96,044	\$3,579	\$17,020		\$99,623	
13	13	642282	Central	MNC	107-185 S WILSON ST, MNC	HOLLY AV	VINTON ST	COMP	8/29/2013	All main and service invoices received and posted.	1175	7 RELAYS	2 TRANSFERS	\$167,911	\$15,506	\$183,417	\$11,625	\$4,230	\$156,286	\$11,276	\$39,680		\$167,562	
14	14	865089	North	CCD	274-315 SOUTH ST, CCD	ANGELA WY	NEW MEADOW RD	COMP	9/25/2013	Need additional information for 2 services. Costs are included. Possible Duplicate charge on Relay.	2390	11 RELAYS	8 TRANSFERS	\$276,751	\$66,099	\$342,850	\$17,007	\$37,140	\$259,744	\$28,959	\$22,250		\$310,953	
15	15	705337	South	NAS	1-34 DICKERMAN ST, NAS	MAIN ST	FIELD ST	COMP	6/6/2013	All main and service invoices received and posted.	1013	12 INSERTS, 5 RELAYS		\$225,437	\$47,352	\$272,789	\$0	\$35,199	\$225,437	\$12,153			\$237,590	
16	16	807486	North	CCD	136-173 SOUTH ST, CCD	PILLSBURY ST	CONANT ST	COMP	8/2/2013	1 Service Insert was done by an in-house crew, labor is included in the service cost. Estimated Degradation fees.	1065	3 INSERTS, 2 RELAYS	1 TRANSFER	\$99,243	\$38,212	\$137,455	\$0	\$20,517	\$99,243	\$17,695	\$10,650		\$127,588	
17	17	915689	North	CCD	57-87 AUBURN ST, CCD	COLUMBUS AV	#93	COMP	11/22/2013	All main and service invoices received and posted.	1350	3 RELAYS	10 TRANSFERS	\$115,700	\$25,882	\$141,582	\$0	\$23,527	\$115,700	\$2,355	\$15,450		\$133,505	
18	18	915357	Central	MNC	65-138 MIDDLE ST, MNC & FRANKLIN ST	CANAL ST	MARKET ST	COMP	11/25/2013	Service costs include 1 unposted invoice, applied 23% for loadings to unposted invoices. Degradation fees are estimated.	460	12 RELAYS	1 TRANSFER	\$47,495	\$51,928	\$99,423	\$0	\$29,851	\$47,495	\$22,077	\$19,924		\$69,572	
19	19	915708	Central	MNC	497-566 SOMERVILLE ST, MNC	LINCOLN ST	WILSON ST	COMP	10/16/2013	All main and service invoices received and posted.	570	9 INSERTS, 4 RELAYS, 1 NEW		\$56,583	\$34,200	\$90,783	\$0	\$18,268	\$56,583	\$15,932	\$25,345		\$72,515	
20	20	931053	South	NAS	1-6 JEWELL LN, NAS	AMHERST ST	EOM	COMP	11/27/2013	All main and service invoices received and posted.	305	4 RELAYS		\$28,996	\$16,228	\$45,224	\$0	\$16,228	\$28,996	\$0			\$28,996	
21											Total Footage	18537	39 INSERTS, 135 RELAYS, 2 NEW, 1 ABANDON	69 TRANSFERS	\$2,787,905	\$795,356	\$3,583,261	\$55,115	\$424,701	\$2,732,790	\$370,655	\$294,799		\$3,151,795
22											Total Mileage	3.51			\$150		\$193							

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	A	B	C	D	E	F	G	H	I	J	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP		
	Priority	Work Order #	Division	Town Code	Street	From	To	Status	Actual Completion Date	Comments	Estimated Carry Over Costs	Exst Material	System Pressure (PSIG)	Exst Diameter (Inches)	YOI	Bare Steel Services	Coated Steel Services	Estimated Non PL Services	Estimated Install Footage	Estimated Aband Footage	Estimated Total Footage	Loaded Cost Estimate (Excl. MNC Degradation Fees)	Total Actual Loaded Project Cost (Excl MNC Degradation Fees)	Loaded Cost Variance	Loaded Cost Variance %	Estimated Direct Cost (Excl MNC Degradation Fees)	Actual Direct Costs (Incl. Estim. Carry Over Costs)	Direct Cost Variance	Direct Cost Variance %	Variance Comments (Loaded & Direct)		
1	1	864581	South	NAS	5-21 RIDGE ST, NAS	TOLLES ST	WHITNEY ST	COMP	11/15/2013	Main costs include 1 unposted invoice, applied 23% for loadings to uposted invoices.	\$46,260	BS	LP	2	Unknown	5	2	7	305	-	305	\$88,911.66	\$140,856	\$51,944.34	58%	\$68,835.86	\$121,924.21	\$53,088.35	77%	Loaded Var: Main Costs loaded at 28%, service costs at 9%. Estimate based on 35% overhead. Dir Var: extra depth, shoring, additional restoration for trench width.		
2	2	761504	Central	MNC	82-151 CLARKE ST, MNC, UNION ST & WALNUT ST	RAY ST	WALNUT ST	COMP	7/15/2013	Not invoiced for all costs. Costs for 1 relay was estimated based on the average cost for a relay for this job, applied 23% for loadings to unposted invoices.	\$0	CI	LP	4 & 6	1922/1902/1923/1927	18	1	19	2,160	-	2,160	\$418,926.00	\$629,251	\$210,324.56	50%	\$321,482.00	\$420,301.19	\$98,819.19	31%	Loaded Var: Estimated contractor loaded at 35% Actual main costs loaded at 37%, service costs at 131%. Direct Var: Additional footage installed (337'), additional services installed, ledge removal up the full extent of Ray St, traffic control underestimated.		
3	3	864770	Central	MNC	407-432 LINCOLN ST, MNC	CEDAR ST	SPRUCE ST	COMP	10/14/2013	MAIN ABANDONMENT ONLY / SERVICES TO H.P.	\$0	WI	LP to 60	2	1927	3	1	4	-	510	510	\$59,149.65	\$41,718	(\$17,431.65)	-29%	\$45,255.00	\$43,013.76	(\$2,241.24)	-5%	Overall, mains ans services loaded at -3%, but estimated at 35% explains the variance between direct and loaded variance %.		
4	4	864755	South	NAS	1-44 REVERE ST, NAS, & FERNWOOD ST	MAIN ST	EOM	COMP	10/9/2013	Possible duplicate invoice for service relay	\$0	BS/CI	LP	2 & 4	1922	9	2	11	1,095	-	1,095	\$241,707.52	\$306,921	\$65,213.48	27%	\$187,441.41	\$216,244.71	\$28,803.30	15%	Loaded Var: Contractor costs estimated at 35%, actuals overall loaded at 42%. Direct Var: Extra depth and shoring needed on nearby every service, not included in the original estimate.		
5	5	864709	South	NAS	8-18 MAPLE ST, NAS	MULBERRY SY	W HOLLIS ST	COMP	11/27/2013	Main costs include 1 unposted invoice, applied 23% for loadings to uposted invoices.	\$36,071	BS	LP	2	1957	4	3	7	305	-	305	\$83,276.75	\$113,229	\$29,952.23	36%	\$64,019.47	\$74,717.65	\$10,698.18	17%	Loaded Var: Contractor costs estimated 35% at Main costs actually loaded at 42%, services at 6% Dir Var: Catch basin issues, extra depth and shoring, not included in estimate.		
6	6	889826	Central	MNC	793-948 SOMERVILLE ST, MNC	TAYLOR ST	SPRINGVIEW AV	COMP	10/5/2013	Not fully invoiced for all costs. Cost for 1 Relay was estimated based on the average cost for a relay for this particular job. Accrual added to main costs	\$0	CI	LP	4	1906	12	-	12	950	-	950	\$186,990.30	\$163,967	(\$23,023.30)	-12%	\$144,085.97	\$167,204.77	\$23,118.80	16%	Loaded Var: Estimated contractor loadings at 35%, actuals overall loaded at -2% Asphalt restoration higher than estimate, ledge, S&L for Saturday OT, welder charges, removing risers off retired services, final bypass removal, and fence repair.		
7	7	761494	Central	MNC	193-200 PEARL ST, MNC, ASH ST & MAPLE ST	UNION ST	ORANGE ST	COMP	6/21/2013	Service costs include 1 unposted invoice, applied 23% for loadings to uposted invoices.	\$0	CI	LP to 60	4	1927/1907/1910/1926	1	3	4	1,400	620	2,020	\$252,048.22	\$247,425	(\$4,623.22)	-2%	\$192,826.22	\$177,594.24	(\$15,231.98)	-8%	Loaded Var: Estimated contractor costs loaded at 35%, actuals at 38%.		
8	8	864763	Central	MNC	14-114 HUDSON ST, MNC	PORTER ST	MAMMOTH RD	COMP	9/26/2013	Not fully invoiced for all costs. Cost for 1 insert is estimated based on the average cost for an insert for this particular job. Accrual added to main costs	\$0	CI	LP to 60	4	1968	3	5	8	835	-	835	\$141,538.98	\$122,714	(\$18,824.98)	-13%	\$109,303.55	\$120,099.96	\$10,796.41	10%	Loaded Var: Estimate contractor loading at 35%, actual at 2%. Dir Var: Estimate for 15 inserts, there were 6 relays and 8 inserts., Traffic control was \$10K overestimate.		
9	9	864739	South	NAS	20-36 SUMMER ST, NAS	NORTON ST	KENDRICK ST	COMP	12/2/2013	Not invoiced for all costs. Costs for 2 relays were estimated based on the average cost for a relay for this job. Applied 23% for loadings to unposted invoices.	\$58,805	CI/BS	LP	4	1929	6	-	6	460	-	460	\$103,619.28	\$205,557	\$101,937.79	98%	\$79,916.11	\$178,203.94	\$98,287.83	123%	Loaded Var: Estiamted contractor loading at 35%, actual, 5%. Direct Var: Ledge removal and shoring not included in estimate.		
10	10	864759	North	BMT	17-28 SUNSET DR, BMT	WINNISQUAM WY	COURTESY AV	COMP	11/6/2013	No paving - carry over costs are estimated with an applied loading of 23%	\$21,694	BS	60	2	1971	-	2	2	420	-	420	\$55,150.11	\$96,015	\$40,864.40	74%	\$41,795.42	\$41,165.86	(\$629.56)	-2%	Loaded Var: Estiamted contracotr loadings at 35%, actual at 216%		
11	11	807276	South	NAS	3-25 PRATT ST, NAS, & ZELLWOOD ST	MAIN ST	LAWNDALE AV	COMP	10/11/2013	Service costs include 1 unposted invoice, applied 23% for loadings to uposted invoices. May be an additional Relay/ or dup invoice.	\$0	BS	LP	2	1920/1922/1923	9	2	11	1,070	-	1,070	\$301,881.00	\$263,355	(\$38,525.62)	-13%	\$176,665.93	\$257,031.63	\$80,365.70	45%	Loaded Var: Estimated contractor loadings at 78%, actual at 1%. Direct Var: Asphalt restoration more than estimate, shoring and extra depth needed.		
12	12	791801	Central	MNC	3-4 MASTER ST, MNC, & HILL ST	SECOND ST	HILL ST	COMP	10/17/2013	Not invoiced for all costs. Need additional information for 1 service. Service cost estimated, with 23% loading applied.	\$0	CI/BS	LP	2 & 4	1956	1	3	4	325	-	325	\$63,648.26	\$101,560	\$37,911.74	60%	\$48,942.44	\$106,070.71	\$57,128.27	117%	Loaded Var: Estimated contractor loading at 35%, actual at -6%. Direct Var: Hand digging, and shoring. Restoration higher than estimate.		
13	13	642282	Central	MNC	107-185 S WILSON ST, MNC	HOLLY AV	VINTON ST	COMP	8/29/2013	All main and service invoices received and posted.	\$0	CI	LP	4	1949	5	2	7	1,060	-	1,060	\$175,401.96	\$183,417	\$8,015.04	5%	\$135,347.09	\$140,476.50	\$5,129.41	4%	Loaded Var: Estimated contractor loadings at 35%, actual at 31%		
14	14	865089	North	CCD	274-315 SOUTH ST, CCD	ANGELA WY	NEW MEADOW RD	COMP	9/25/2013	Need additional information for 2 services. Costs are included. Possible Duplicate charge on Relay.	\$0	CI	LP	6	1957	9	2	11	1,875	-	1,875	\$333,902.00	\$365,100	\$31,198.00	9%	\$257,645.86	\$307,501.62	\$49,855.76	19%	Loaded Var: Contractor loading estiamted at 35%, actuals loaded at 11%. Direct Var: Additional footage installed (440'). Shoring, and paving costs		
15	15	705337	South	NAS	1-34 DICKERMAN ST, NAS	MAIN ST	FIELD ST	COMP	6/6/2013	All main and service invoices received and posted.	\$0	BS/CI	LP to 60	2 & 4	1958	4	6	10	975	-	975	\$196,857.66	\$272,789	\$75,931.34	39%	\$149,724.04	\$186,016.02	\$36,291.98	24%	Loaded Var: Contractor loading estimated at 35% actual loaded at 46%. Direct Var: Trench width 8' wide in spots due to the ledge/boulders removed.		
16	16	807486	North	CCD	136-173 SOUTH ST, CCD	PILLSBURY ST	CONANT ST	COMP	8/2/2013	1 Service Insert was done by an in-house crew, labor is included in the service cost. Estimated Degradation fees.	\$0	CI	LP to 60	3 & 6	1931/1934	6	1	7	1,050	-	1,050	\$194,094.57	\$148,105	(\$45,989.57)	-24%	\$149,019.18	\$117,543.04	(\$31,476.14)	-21%	Loaded Var: Estimated contractor loading at 35%, actuals at 17%		
17	17	915689	North	CCD	57-87 AUBURN ST, CCD	COLUMBUS AV	#93	COMP	11/22/2013	All main and service invoices received and posted.	\$102,859	CI	LP	6	1963	-	1	1	1,335	-	1,335	\$184,295.19	\$259,891	\$75,595.56	41%	\$145,042.37	\$184,086.28	\$39,043.91	27%	Loaded Var: actuals at 41%, estimated at 35%. Dir Var:		
18	18	915357	Central	MNC	65-138 MIDDLE ST, MNC & FRANKLIN ST	CANAL ST	MARKET ST	COMP	11/25/2013	Service costs include 1 unposted invoice, applied 23% for loadings to uposted invoices. Degradation fees are estimated.	\$35,515	CI	LP	4	1926	5	4	9	435	580	1,015	\$133,452.33	\$134,938	\$1,485.69	1%	\$103,746.73	\$114,678.87	\$10,932.14	11%	Loaded Var: Estiamted contractor cost loaded at 35%, actuals at 41%.		
19	19	915708	Central	MNC	497-566 SOMERVILLE ST, MNC	LINCOLN ST	WILSON ST	COMP	10/16/2013	All main and service invoices received and posted.	\$0	CI/BS	LP to 60	4	1906	5	-	5	625	-	625	\$119,367.87	\$90,783	(\$28,584.87)	-24%	\$93,198.29	\$99,011.88	\$5,813.59	6%	Loaded Var: Estiamted contracotr cost loaded at 35%, actuals at -8%.		
20	20	931053	South	NAS	1-6 JEWELL LN, NAS	AMHERST ST	EOM	COMP	11/27/2013	All main and service invoices received and posted.	\$35,590	BS	LP	2	1960	-	4	4	365	-	365	\$91,030.66	\$80,814	(\$10,216.61)	-11%	\$72,318.81	\$73,492.77	\$1,173.96	2%	Loaded Var: Estiamted contracotr cost loaded at 35%, actuals at 1%.		
21																																
22										Total Footage	\$336,793					105	44	149	17,045	1,710	18,755	\$3,425,249.97	\$3,968,404	\$543,154.35	16%	\$2,586,611.75	\$3,146,379.61	\$559,767.86	22%			
23										Total Mileage								Total Mileage	3.23	0.32	3.55	\$183	\$214			\$138	\$170					