

**Network Disclosure Announcement No. 686**

Short Term Public Notice Under Rule 51.333(a)  
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**Copper Retirements in Arizona, Colorado, Iowa, Minnesota, North Dakota, Oregon, Utah and Wyoming**

**First Implementation Date:** *June 12, 2009*

Original Date Posted:

*April 7, 2009*

**Summary:**

Copper Retirements are necessary to respond to various factors in the Outside Plant, including road construction, maintenance problems, and growth accommodation. Replacement cables may be either copper or fiber. Specific information will be provided with each disclosure.

**Locations, Timing of Deployments & Interface Requirements:**

The following gives additional details on the copper retirement(s):

STATE	WIRE CENTER	PLANNED COMPLETION OR RETIREMENT DATE	DA (s)	Job #	FDI Address(es)	Replacing
AZ	Midrivers PHNXAZMR	07-14-2009	217731	9212VRM	NONE	Qwest is relocating 3,050' of 22 GA cable from the south side of Grand Ave to the north side of Grand Ave using a 26 GA cable. The before dB loss is 3.63 at 28KHz and the after dB loss is 5.21 at 28KHz. for a total change of +1.58.
CO	Boulder BLDRCOMA	12-15-2009	114531	8222KUW	1024 Linden Dr	REHAB job - 1850' of BHAP-50 cable placement will have a slight negative effect on service: Old aerial is a mixture of 22 (1190') & 24GA (660') being replaced by 1850' of 22GA Old: 1850' TOTAL LENGTH 3.72 db loss New: 1850' TOTAL LENGTH 4.46 db loss

STATE	WIRE CENTER	PLANNED COMPLETION OR RETIREMENT DATE	DA (s)	Job #	FDI Address(es)	Replacing
CO	Durango DURNCOMA	07-17-2009	330591	9222UYX	30503H160	This project will replace 2707' of ANAW-100 with 2835' of ANAW-100. The old way in this section was a total of 8.732KF with the resistance of 287.282 Ohms and a loss of 10.41 dB's. The new way is a total of 8.924 KF with a resistance of 293.599 Ohms and a loss of 10.64 dB's.
CO	Westminster WMNSCOMA	06-12-2009	213531	C92A036	N/A	Before: .899 kf of 22 ga. aerial cable with a loss of .350 db at 1004 Hz, Resistance = 30.169 Ohms After: .916 kf of 24 ga. buried cable with a loss of .450 db at 1004 Hz, Resistance = 47.017 Ohms
IA	Altoona ALNAIACO	07-07-2009	310306	82C1EHN	R 100 8 ST SW	This job will replace 245' 24 gauge 600pr with a section of 695' 24 gauge 600pr. Replacement of cable is necessary due to construction of a new civic plaza.
IA	Des Moines Dwtn DESMIADT	07-10-2009	332608	92C1HQL	1500 Evergreen Ave.	The City of Des Moines is widening and replacing the paving on Indianola Road south of the intersection of S.E. 14 <sup>th</sup> Street. Cable rearrangements are required to maintain service resulting increased loop loss. SAI 1500 EVERGREEN AV – COUNTS AFFECTED CABLE 1500EVGRN, PRS 1301-1500. EXISTING LOOP: 335' OF 22 GAUGE – 0.36 dB @ 28 KHz NEW LOOP: 350' OF 24 GAUGE – 0.58 dB @ 28 KHz
IA	Dubuque Dwtn DUBQIATC	07-15-2009	130104	92C1J3E	N/A	Replacing 820 ft of 24 gauge aerial cable with 900 ft of 24 gauge aerial cable due to existing cable going wet. Change in + .12 dB loss.
MN	Kinckley HNCKMNHI	08-14-2009	210204	92M1ZTQ	777 Lady Luck Rd	This job will replace cable (408' of 22GA with a dB loss of 0.440) with new cable (382' of 25 GA with a dB loss of 0.630)
MN	Rochester ROCHMNRO	07-17-2009	181301	92M1ZJU	9489 18 <sup>th</sup> Ave NW	Replacement of existing buried cable on rehab job. Before 11,262' of 19ga 880' of 22ga @ 28KHz = 8.85 @ 28KHz = 18.46 After 10,800' of 24ga

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ND	Bismarck BSMRNDBC	11-23-2009	350302	H9FA001	2000 University Dr	The db loss calculations for the copper cable sections are: Before: AFTER 533' 200PR CA @ 1004khz=0.31db 673' 200PR CA @ 1004khz=0.35db Change of +0.04db 1216' 200PR CA @ 1004KHZ=0.49db 1356' 200pr ca @ 1004khz=0.53db Change of +0.04db 370' 300PR CA @ 1004khz=0.29db 510' 300PR CA @ 1004khz=0.33db Change of +0.04db 18,401' F1 ca @ 1004khz=6.31db 18,541' F1 ca @ 1004khz=6.37db Change of 0.06db
OR	Winston WNTNOR57	12-31-2009	210761	92R1WWR	N/A	This job provides for replacing 225' AFTW-200, which was placed in 1990, with an ANMW-200. This is Phase II of a road widening project. The db loss calculations for the individual cable is: Before: After: 225' AFTW-200 @ 1004hz=3.800db 400' ANMW-200 @ 1004hz=3.830db Change of +0.30.
UT	Spanish Fork SPFKUTMA	07-31-2009	217601	H96A039	7676 South 5600 West	Replacing 918' of a AJbW-11 pair cable 19ga with 835' of a ANMW-50 pair cable 24ga db loss before was 16.30 after was 17.150 difference of .85db
WY	Powell POWLWYMA	12-01-2009	411901	82717K4	5240 Highway 14A	Before: 1255' - 3 gauges @ 28KHz = 1.160 After: 2738' - 24 gauge @ 28KHz = 4.280 - Change of +3.12. Before: 1734' - 3 gauges @ 28KHz = 1.920 After: 2259 - 24 gauge @ 28KHz = 3.520 - Change of +1.60. Before: 2968' - 24 gauge @ 28KHz = 4.650 After: 3448' - 24 gauge @ 28KHz = 5.450 - Change of +0.80. Before: 4490' - 24 gauge @ 28KHz = 7.260 After: 4995' - 24 gauge @ 28KHz = 8.160 - Change of +0.90.

**Additional Information:**

Any customer premises equipment vendor/manufacturer or enhanced services provider desiring additional technical information in conjunction with this Disclosure can contact:

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