ATTACHMENT INFORMATION SHEET - REVISION 6/14/2017  ATTACHMENT INFORMATION SHEET - REVISION 6/14/2017  Notes:  1) Enter all measurements in decimal format (ie 15 ft 6" = 15.5)  Decimal Conversion:																					
Licensee # Location		MCIMetro Horton Spoke 3 St Paul, MN	Pole Tol  # of Ne # of Overlas  Attachment Tol	lew 3	64 30 0	2) Lowest power at p 3) For Power Equipn	lle may be neutral, secondary, top of terminal riser, b ent, note transformers, capacitor banks, switches, etc pendix on "Communications Attachments to Xcel En	с.	0" = .00 4" = 1" = .08 5" = 2" = .17 6" = 3" = .25 7" =	.33 8" = .67 .42 9" = .75 .50 10" = .83											
PPA#			Attachment for		le & Equipment	Exis	requirements. A copy of the Appendix can be obtain	ned by calling (651) 229-2500.		posed Attachment Information	12"		ed Communications Pass / Fail Equipment Clearance    12"   1	Pass / Fail Vertical  15.5' at Mid-span Above Surface (Must meet Sht J-	1	Pole Loading Info	е	or Proposed Modifications / Make-Ready Necessary to Allow for Attachment	Approved / Denied / Approved with	For Xcel Energy Use Only	Approved Guy/ Post
	New (N) or Overlash (O)	Xcel Energy GIS Pole ID	Latitude Longitude	Pole Ht/ Class	Power Equipment on	owest Power at Pole Lowest Power Cable Mid-span	Street Light Bracket / Highest Existing Drip Loop (Lowest) Communic. At Pole (1)			Cable Height (Must posed Attachment meet Sht J-6 min. and	drin loon	power cable	drip loop clearance Communicati ons (1) clearance ons (1) clearance ons (3)	bove Surface 6 min. and local ord.)	Length Diameter	Weight (Tanger Dead-Ei Angle, e	c.) Current % Proposed % Guy / Anche Loading Loading Loading Required?		Conditions	Make Ready Required / Comments	Approved Attachment Anchor Required? Post Inspection Pass/Fai
25	N N	37742593 37740535		50-3 50-3		36.00 32.33 33.00 31.25	26.92 23.75	26.17		25.17     23.00       21.92     23.42	PASS         9         PASS           PASS         9.96         PASS		PASS PASS PASS  PASS PASS PASS	PASS PASS			24.4 25.7% Yes  nt 27.9 30.6% No				
26	N	37740529		50-3	XFMR	31.42 30.75	27.83	27.08		26.08 22.33	43.08 9 PASS	PASS	PASS PASS PASS	PASS PASS	115 1.03	0.37 Tange	nt 28.5 32.6% No				
28	N N	37740523 37740517		50-3 40-5		33.83 29.67 29.42 26.92	23.75	22.58		21.58 20.17 22.83 19.00	PASS PASS PASS PASS PASS			PASS PASS			nt 48.8 58.1% No				
29	N	37740511		40-5		30.42 21.92	24.17	23.25		22.25 16.00	PASS 11.04 PASS	PASS	PASS PASS PASS	PASS PASS	235 1.03	0.37 Tange	nt 62.4 73.8% No	A1 Re-sag span South. CTL Re-sag span South.			
31	N N	37740415 37740409		40-5		24.92 21.33 27.33 26.92	21.42	20.42		19.42 16.08	PASS PASS PASS PASS	PASS	PASS PASS PASS  PASS PASS PASS	19.42 PASS PASS PASS			nt 50.2 59.5% No on 80.2 80.3% Yes				
32	N	37740421	P-P Guy	40-5	XFMR, STL	24.92 25.75	22.08 19.00	17.42		12.50	PASS PASS PASS 19.00	PASS	PASS PASS	12.50	80 1.03	0.37 Tange	nt 48 51.1% Yes				
34	N N	37740400 37761638		45-4 45-4	XFMR, STL, Riser STL, Riser	27.58 28.17 30.08 27.67	23.75 22.08 29.50 20.17	20.67	1	19.67 17.25 18.67 17.33	PASS PASS PASS PASS PASS PASS PASS						nt 46.2 49.4% No	A1 Raise 12" to 21'2". This will require a splice in the COAX riser.  CTL Raise 18" to 20'2"			
35	N	37761626	CTL Pole	40-4	XFMR	28.00 26.25	22.33	20.33	1	19.33 19.33	PASS PASS PASS	PASS	PASS PASS PASS				nt 36.7 39.5% No	CTL Rotate terminal 90 degrees.			
36		37761620 37761632	CTL Pole	45-3	STL	26.67 26.50 27.42 28.08	23.00	21.75		20.75 19.58 19.08 16.50	PASS PASS PASS PASS						on 45 46.1% No nt 43 46.4% No	CTL Rotate terminal 90 degrees.			
38		37762661		45-5			19.17				PASS PASS 19.17						nt 41.3 43.9% No				
40		37762667 37756598		40-5		24.67 26.25 27.25 24.83	20.42	18.58	1	17.58 17.58 19.00 18.33			PASS PASS PASS  PASS PASS PASS				nt 51 54.3% No nt 42.7 44.8% No				
41		37756703			PTS, Riser		22.67			18.08 16.00							nt 29.5 31.4% No	A1 Lower 33" to 19'11" and re-sag. CTL Re-sag span west.  Re-Frame and raise cabled secondary to 24'10". Secondary is			
42	N	37756679	CTL Pole	45-3	STL	22.25 19.42	25.83 17.08	15.25		17.08 15.92	PASS PASS PASS 17.08	PASS	PASS PASS 0 PASS	17.08 PASS	74 1.03	0.37 Tange	nt 33.3 36.7% No	wrapped around the face of pole. A1 Raise 24" to 19'1"			
43		37756496					21.42 18.08						PASS PASS PASS PASS				nt 46.1 46.7% No				
45		37756481 37756487			XFMR, STL Riser		23.83 20.50	19.00				PASS	PASS PASS PASS PASS PASS	18.00 PASS PASS		Dead	nt 47.1 50.0% No - 18.8 19.7% Yes				
46	N	37770951	CTL Pole		XFMR, Riser		20.75				PASS PASS PASS		PASS PASS PASS				43.9 43.8% Yes				
48	N N	37770957 NT-1		40-4 35-5		28.58     25.33       24.00     23.58	20.17	18.25 18.08		21.17     20.33       20.58     20.50							nt 43.6 47.5% No nt 39.3 46.3% No				
49	N	37770963	CTL Pole		XFMR, STL					19.17 18.83	PASS PASS PASS 18.17	42	PASS 28.08 PASS PASS				nt 42.2 47.3% No				
51		37770969 37770975		40-5		25.33 27.25 29.67 25.92	19.50	18.17			PASS PASS PASS PASS PASS PASS						nt 34 37.8% No nt 29.4 32.2% No				
52		37770981		35-5		24.92 24.42	19.17			20.17 19.58							nt 32.3 36.7% No				
53		37770987		35-5 40-5	Riser	24.42 26.25 28.42 23.92	18.08			19.08 19.17 19.75 19.00							nt 42.4 46.7% No nt 36.5 40.8% No				
55		37771251 37770993				28.42 23.92 23.75 25.67											nt 31 34.2% No	STL Bond to ground, place split duct over STL drip loops.  A1 Lower 14" to 18'6"  CTL Lower 6" TO 17' 6"			
56			CTL Pole			29.00 23.50							PASS PASS PASS PASS					A1 Lower 14" to 19'2"			
58		37752188 37752194		40-4	XFMR	23.75 24.92 29.67 29.17	20.33	19.17	18.17	20.33     20.83       22.83     23.25							nt 22.1 24.6% No	CTL Lower top attachment to 18'2"			
59 60	N	37752200	CTL Pole	40-5	XFMR	28.83 26.75	20.92	19.00		23.00 20.83	PASS PASS PASS	PASS					nt 46.5 52.3% No				
61	N N	37752287 37752866		40-5	XFMR, STL, Riser	29.75 25.50 23.00 22.33	21.08	19.42	1	22.08 20.08 19.50 19.33							nt 45.2 51.1% No nt 53.1 57.1% No	A1 Lower 12" to 18'6" CTL Lower 12" to 17'6"			
62	N	37752293	CTL Pole	40-4	XFMR	28.17 28.33	20.67	18.75		21.67 21.17	PASS PASS PASS	PASS	PASS PASS PASS	PASS PASS	83 1.03	0.37 Tange	nt 45.7 49.8% No				
64	N N	37752299 37752305		45-3 40-5	Riser, STL  XFMR, Riser	30.42 27.83 21.67 24.75	26.83 20.75	18.75	1 2	21.75 20.25 19.67 18.42							nt 57.2 59.7% No nt 53 56.7% No	Place U-Guard extensions over both power riser- Extend to 23'0" A1 Lower 23" to 18'8" CTL Lower 12" to 17'8"			
65		37752311		40-4		29.42 26.50	27.00 21.33	19.50			PASS PASS PASS PASS						nt 38.3 41.2% No	A1 Lower 11" to 20'5"			
66	N N	37752317 37752335		40-4		23.33 26.75 28.83 25.67	21.33	19.00		21.33 22.67 23.00 21.08	PASS PASS PASS PASS						on 49.8 50.5% No not 45.9 51.0% No	Attach bottom secondary to existing 3 spool bracket.  A1 Lower 12" to 20'4"			
68		37752347		40-5	STL	27.33 24.25											nt 69.1 72.8% No	Remove abandoned secondary between poles.			
70		37752353 37752359		45-4 45-4	XFMR, Riser	27.67 28.00 33.42 25.33	21.83	19.75	1	22.83 22.08							nt 61.2 64.5% No nt 53.5 58.6% No				
71	N	37752839			XFMR, STL, Riser		22.67 19.00	17.50	1	20.00 19.67							nt 65.6 67.4% No				
72		37752365 37752563		50-3	XFMR	28.67 26.50 23.25 22.00	22.17	21.25	19.92 1	23.17 20.42 19.58 19.25							on 50.3 50.4% No nt 55 59.1% No	A1 Lower 24" to 18'7" and re-sag span West. CTL Lower 12" to 17'7"			
74		37752629	CTL Pole			28.25 24.75		22.33	2		PASS PASS PASS PASS						nt 80.2 83.3% No	A1 Lower 30" to 21'4" CTL Lower 24" to 20'4"			
75 76		37752635				24.33 23.25											nt 39.6 42.8% No	A1 Complete transfer to new pole. Extend power supply weather head.			
77		37752641	CTL Pole			23.50 20.67	22.00 16.75				PASS PASS 9 16.75 42.96 PASS 19.17		PASS PASS PASS PASS PASS PASS PASS 0 PASS				nt 58.8 62.8% No	A1 Lower 15" to 17'11"			
78 79		37752653		40-5		25.42 25.67	17.83				PASS PASS 17.83						nt 58.3 59.1% No				
80		337045108 37752665 CTL				23.92 24.58 24.67 20.92	18.83 24.75 21.83				PASS 10.92 18.83 34.08 PASS 9.96 PASS		PASS         PASS         PASS           PASS         9.96         0         3				nt 27.7 30.0% No nt 47.7 49.4% No	A1 Lower 22" to 20'0" CTL Lower to 19'0"			
81	N	37752680		45-4		23.33 25.25	17.83				PASS 10.92 17.83						nt 52.3 56.0% No				
83		33752713 33753274	CTL Pole	45-4 40-5		30.50 25.00 26.75 24.50	18.83				PASS         PASS         18.83           PASS         PASS         PASS						nt 54.1 57.7% No nt 72.6 75.3% No				
84	N	390933217		45-3	XFMR	23.17 21.33	19.17	18.50		19.50 18.83	PASS 8.04 19.17	44.04	PASS 3.96 PASS				nt 27.7 30.9% No	A1 Frame to pole at 18'6"  CTL Lower 12" to 17'6"  A1 Lower 11" to 18'3"			
86	N N	37753280 37753292		40-5 45-3		22.83 21.25 25.92 24.00	19.17	18.25	17.33	19.17 18.75 20.17 21.00							nt 50.1 54.1% No nt 35.6 38.0% No	CTL Lower top attachment to single point at 17'4"			
87	N	37753310		50-3	XFMR	25.67 22.67	19.83	18.83	2	21.00	PASS PASS PASS	PASS	PASS PASS	PASS	126 1.03	0.37 End	50.5 55.8% Yes				