Evaluation Only. (	FORMATION SHEET - REVISION 6/14				Notes: 1) Enter all measurem	nents in decimal format (ie	e 15 ft 6" = 15.5)		Decimal Conversion:											
Licensee # Location	MCIMetro Horton Spoke 3 St Paul, MN	Pole Tota # of New # of Overlast  Attachment Tota	30		2) Lowest power at pol 3) For Power Equipme	ent, note transformers, cap	lary, top of terminal riser, botto pacitor banks, switches, etc.		0" = .00	9" = .75 10" = .83										
1707		Attachment Total	Power Pole & Equipment		Existi	ing Attachment Height Ir	he Appendix can be obtained	by calling (651) 229-250	00.	Attachment Information	12" from 12"	19.5' at Pole 48" from 12" from str	12"	12"	12" 15.5' at Mid-spa arance 10.5' at Pole Above Surface	n	Loading Information  Structure  Type  Company (Company (C	Proposed Medifications (Make Deads Nessessate Allowifes Attachment	For Xcel Energy Use Only	Approved Guy/ Post
	New (N) or Overlash (O) Xcel Energy GIS Pole ID	Latitude Longitude	Power Equipme Pole Ht/ Class Pole	ent on Lowest Por	ower at Pole Lowest Power Cable a Mid-span	Street Light Bracket	/ Highest Existing Communic. At Pole (1)	Existing Communic. At Pole (2)	Existing Communic. At # of Existing Proposed Pole (3) Risers Height for	Attachment   meet Sht J-6 min. and	power cable bracket / drip loop from Communic ions (2)		et / power cable clearance Communications (1)	from f Communicati ons (2) or	Above Surface (Must meet Sht 6 min. and loca ord.)	Span Cable C Length Diameter W	Jable (Tangent, Dead-End, Angle, etc.) Current % Proposed % Guy / Anchor Required?	Proposed Modifications / Make-Ready Necessary to Allow for Attachment Approved / Denied / A Condition		Approved Attachment Anchor Inspection Pass/Fi
24	N 37742593		50-3		32.33		26.92					PASS PASS	PASS PASS		PASS PASS		Dead- End 24.4 25.7% Yes			
26	N 37740535 N 37740529		50-3 XFMR		3.00 31.25 1.42 30.75		23.75	22.92		1.92     23.42       6.08     22.33		PASS PASS	PASS PASS PASS PASS		PASS PASS PASS PASS		0.37 Tangent 27.9 30.6% No 0.37 Tangent 28.5 32.6% No			
27	N 37740523		50-3	33	3.83 29.67		23.75	22.58	2'	1.58 20.17	PASS PASS	PASS PASS	PASS PASS	PASS	PASS PASS		Junction 42.8 45.9% No			
28	N 37740517		40-5		9.42 26.92		24.92	23.83		2.83 19.00		PASS PASS	PASS PASS		PASS PASS		0.37 Tangent 48.8 58.1% No	A1 Re-sag span South.		
30	N 37740511 N 37740415		40-5 40-5		1.92 21.33		24.17	23.25		2.25 16.00 9.42 16.08	PASS 11.04  42 PASS	PASS PASS PASS PASS	PASS PASS PASS PASS		PASS PASS  19.42 PASS		0.37 Tangent 62.4 73.8% No 0.37 Tangent 50.2 59.5% No	CTL Re-sag span South.		
31	N 37740409		40-4		7.33 26.92		22.42	21.00		0.00 19.33	PASS PASS		PASS PASS		PASS PASS		0.37 Junction 80.2 80.3% Yes			
32	N 37740421 P-	-P Guy	40-5 XFMR, S	TL 24	4.92 25.75	22.08	19.00	17.42	12	2.50	PASS PASS PASS	19.00 PASS PASS	PASS	PASS	12.50	80 1.03	0.37 Tangent 48 51.1% Yes			
34	N 37740400 C	TL Pole	45-4 XFMR, STL, 45-4 STL, Rise		7.58 28.17	23.75	22.08	20.67		9.67 17.25 8.67 17.33		PASS PASS PASS PASS PASS PASS			PASS PASS  18.67 PASS		0.37 Tangent 46.2 49.4% No  0.37 Tangent 45 48.3% 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 C	TL Pole	40-4 XFMR		3.00 26.25	29.50	22.33	20.33		9.33 19.33		PASS PASS	PASS PASS		19.33 PASS		0.37 Tangent 36.7 39.5% No	CTL Rotate terminal 90 degrees.		
36	N 37761620		45-3	26	3.67 26.50		23.00	21.75	20	0.75 19.58	44.04 PASS	PASS PASS	PASS PASS	PASS	PASS PASS	109 1.03	0.37 Junction 45 46.1% No			
38	N 37761632 C	TL Pole	40-4 STL		7.42 28.08	26.33		20.08			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PASS PASS PASS					0.37 Tangent 43 46.4% No	CTL Rotate terminal 90 degrees.		
39	N 37762661  N 37762667	TL Pole	45-5 XFMR 40-5 Riser		1.83 29.42 4.67 26.25		19.17	17.58 18.58		7.58 17.58 7.58		19.17 PASS PASS PASS	PASS PASS PASS PASS				0.37 Tangent 41.3 43.9% No 0.37 Tangent 51 54.3% No			
40	N 37756598 C		40-5 STL, Rise		7.25 24.83	24.25	21.58	20.00				PASS PASS PASS	PASS PASS	PASS			0.37 Tangent 42.7 44.8% No			
41	N 37756703		45-3 PTS, Rise	er 23	3.25 22.50		22.67	19.08	1 18	8.08 16.00	6.96 PASS	PASS PASS	PASS PASS	PASS	18.08 PASS	136 1.03	0.37 Tangent 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 C	TL Pole	45-3 STL	22	2.25 19.42	25.83	17.08	15.25	17	7.08 15.92	PASS PASS PASS	17.08 PASS PASS	PASS 0	PASS	17.08 PASS	74 1.03	0.37 Tangent 33.3 36.7% No	wrapped around the face of pole. A1 Raise 24" to 19'1" CTL Raise 34" to 18'1"		
43		TL Pole	45-4 XFMR, S		3.08 23.75			16.67		5.67 15.75		18.08 PASS PASS					0.37 Tangent 46.1 46.7% No			
45	N 37756481 N 37756487		40-3 XFMR, S <sup>2</sup> 40-3 Riser		5.33 23.83	23.83	20.50	19.00		8.00 16.08 0.00	PASS PASS PASS	PASS PASS PASS	PASS PASS		18.00 PASS PASS		0.37 Tangent 47.1 50.0% No  Dead- 0.37 End 18.8 19.7% Yes	CTL Rotate terminal 90 degrees.  A1 Lower 12" to 21'0"		
46	N 37770951 C	TL Pole	45-3 XFMR, Ris		5.67 24.00		20.75	18.50		1.75 19.42		PASS 47.04	PASS PASS				Dead- End 43.9 43.8% Yes			
47	N 37770957 C	TL Pole	40-4	28	3.58 25.33		20.17	18.25	2'	1.17 20.33	PASS PASS	PASS PASS	PASS PASS	PASS	PASS PASS	76 1.03	0.37 Tangent 43.6 47.5% No			
48	N NT-1 C		35-5		4.00 23.58		19.58				PASS PASS PASS		PASS PASS				0.37 Tangent 39.3 46.3% No			
50	N 37770963 C		40-4 XFMR, S <sup>-</sup> 40-5 Riser		2.67     21.17       5.33     27.25	21.08	18.17	16.33				18.17 42 PASS PASS PASS	28.08 PASS PASS PASS				0.37 Tangent 42.2 47.3% No 0.37 Tangent 34 37.8% No			
51	N 37770975 C		40-5 XFMR		9.67 25.92		19.83			0.83 20.33		PASS PASS					0.37 Tangent 29.4 32.2% No			
52	N 37770981 C	TL Pole	35-5	24	1.92 24.42		19.17	17.83	20	0.17 19.58	PASS PASS	19.17 PASS	PASS PASS	PASS			0.37 Tangent 32.3 36.7% No			
53	N 37770987 C		35-5		1.42 26.25		18.08	16.00		9.08 19.17		18.08 PASS	PASS PASS				0.37 Tangent 42.4 46.7% No			
55	N 37771251 C  N 37770993 C		40-5 Riser 40-3 XFMR, S		3.42 23.92 3.75 25.67	20.33	18.75 19.67	16.83				18.75 PASS PASS 7.92	PASS PASS PASS 0				0.37 Tangent 36.5 40.8% No 0.37 Tangent 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	N 37770999 C	TL Pole	45-4 Riser	29	9.00 23.50		20.67	19.42	18.58 1 2	1.67 19.83	PASS PASS	PASS PASS	PASS PASS	PASS P	ASS PASS PASS	123 1.03	0.37 Tangent 39.1 43.4% No			
57	N 37752188 C	TL Pole	40-4 XFMR	23	3.75 24.92		20.33	19.17	18.17 20	0.33 20.83		PASS 41.04					0.37 Tangent 32.5 36.3% No	A1 Lower 14" to 19'2" CTL Lower top attachment to 18'2"		
59	N 37752194 C		40-5 XFMR		9.67 29.17 3.83 26.75		21.83	19.75		2.83 23.25 3.00 20.83		PASS PASS PASS PASS	PASS PASS				0.37 Tangent 22.1 24.6% No 0.37 Tangent 46.5 52.3% No			
60	N 37752287 C		40-5		9.75 25.50		21.08	19.42		2.08 20.08		PASS PASS	PASS PASS				0.37 Tangent 45.2 51.1% No			
61	N 37752866 C	TL Pole	40-5 XFMR, STL,	Riser 23	3.00 22.33	22.17	19.50	18.50	1 15	9.50 19.33	42 PASS PASS	PASS 42 PASS	PASS 0	PASS	PASS PASS	120 1.03	0.37 Tangent 53.1 57.1% No	A1 Lower 12" to 18'6" CTL Lower 12" to 17'6"		
62	N 37752293 C		40-4 XFMR		3.17 28.33		20.67	18.75		1.67 21.17		PASS PASS	PASS PASS				0.37 Tangent 45.7 49.8% No			
64	N 37752299 C  N 37752305 C		45-3 Riser, ST 40-5 XFMR, Ris		0.42 27.83 1.67 24.75	26.83	20.75	18.75 18.67				PASS PASS PASS PASS 24	PASS PASS PASS 10.92				0.37 Tangent 57.2 59.7% No 0.37 Tangent 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	N 37752311 C		40-4 XFMR, S		9.42 26.50	27.00		19.50				PASS PASS PASS					0.37 Tangent 38.3 41.2% No	A1 Lower 11" to 20'5"		
66	N 37752317		40-4	23	3.33 26.75		21.33	19.00	2:	1.33 22.67	24 PASS	PASS 24	PASS 0	PASS	PASS PASS	71 1.03	0.37 Junction 49.8 50.5% No	Attach bottom secondary to existing 3 spool bracket. A1 Lower 12" to 20'4"		
68	N 37752335		40-5		3.83 25.67		22.00	20.00		3.00 21.08		PASS PASS	PASS PASS				0.37 Tangent 45.9 51.0% No			
69	N 37752347 N 37752353		40-5 STL 45-4 XFMR, Ris		7.33 24.25 7.67 28.00	25.42	21.50	19.92 19.75		2.50     22.00       2.83     22.08		PASS PASS PASS	PASS PASS				0.37 Tangent 69.1 72.8% No 0.37 Tangent 61.2 64.5% No	Remove abandoned secondary between poles.		
70	N 37752359		45-4	33	3.42 25.33		22.42	20.58	23	3.42 20.33	PASS PASS	PASS PASS	PASS PASS	PASS	PASS PASS	141 1.03	0.37 Tangent 53.5 58.6% No			
71	N 37752839		45-3 XFMR, STL,		5.50 25.92	22.67		17.50				19.00 PASS PASS					0.37 Tangent 65.6 67.4% No			
73	N 37752365 N 37752563		50-3 45-3 XFMR		3.67 26.50 3.25 22.00		22.17	21.25		9.58 19.25		PASS PASS PASS 44.04	PASS PASS				0.37 Junction 50.3 50.4% No 0.37 Tangent 55 59.1% No	A1 Lower 24" to 18'7" and re-sag span West. CTL Lower 12" to 17'7"		
74	N 37752629 C	TL Pole	45-4 XFMR, S		3.25 24.75	25.75		22.33				PASS PASS PASS					0.37 Tangent 80.2 83.3% No	A1 Lower 30" to 21'4" CTL Lower 24" to 20'4"		
75	N 37752635		45-3 STL, Rise	er 24.	4.33 23.25	26.17	20.08	18.58	1 2	1.08 18.67	PASS PASS PASS	PASS 39 PASS	PASS PASS	PASS	PASS PASS	123 1.03	0.37 Tangent 39.6 42.8% No	A1 Complete transfer to new pole. Extend power supply weather head.		
77	N 37752641  N 37752647 C	TI Dala	40-5 XFMR,ST 40-5 XFMR		3.50 20.67 2.75 23.58	22.00	16.75	16.00				16.75 PASS PASS 19.17 42.96	PASS PASS PASS 0				0.37 Tangent 78.6 82.5% No 0.37 Tangent 58.8 62.8% No	A1 Lower 15" to 17'11" CTL Lower 12" to 16'11"		
78	N 37752653 C		40-5		5.42 25.67		17.83	16.50				17.83 PASS	PASS PASS				0.37 Tangent 58.3 59.1% No	CTE LOWER 12 TO TO TT		
79	N 337045108		45-3 Cap Bank, F	Riser 23	3.92 24.58		18.83	17.92	1 15	9.83 21.50	PASS 10.92	18.83 PASS	PASS PASS	PASS	PASS PASS	126 1.03	0.37 Tangent 27.7 30.0% No			
80	N 37752665 CTL		45-3 Riser, ST		4.67 20.92	24.75		21.00				PASS 44.04 PASS					0.37 Tangent 47.7 49.4% No	A1 Lower 22" to 20'0" CTL Lower to 19'0"		
82	N 37752680 N 33752713 C	TL Pole	45-4 XFMR 45-4		3.33     25.25       0.50     25.00		17.83	16.92 17.33		8.83     19.42       0.83     20.17		17.83 PASS  18.83 PASS	PASS PASS PASS PASS				0.37 Tangent 52.3 56.0% No 0.37 Tangent 54.1 57.7% No			
83	N 33753274 C		40-5		5.75 24.50		20.33	17.83		1.33 20.33		PASS PASS	PASS PASS	PASS			0.37 Tangent 72.6 75.3% No			
84	N 390933217		45-3 XFMR		3.17 21.33		19.17					19.17 44.04	PASS 3.96				0.37 Tangent 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 37753280 N 37753292		40-5 XFMR 45-3 Riser		2.83 21.25		19.17	18.25		9.17 18.75 0.17 21.00		19.17 43.92 19.17 PASS	PASS 0				0.37 Tangent 50.1 54.1% No 0.37 Tangent 35.6 38.0% No	CTL Lower top attachment to single point at 17'4"		
87	N 37753310		50-3 XFMR		5.67 22.67		19.17	18.83		1.00		PASS PASS	111111111111111111111111111111111111111	PASS	PASS		Dead- Dead- End 50.5 55.8% Yes			
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