CONSTRUCTION OF AERIAL CABLE PLANT

Purpose: This addendum is issued to correct errors now existing in the sag and tension tables for messenger strand wire.

Substitutions: Substitute the attached revised pages in REA TE & CM 635, Issue No. 1, Addendum No. 3, dated March 1979. Replace the eight pages in consecutive order starting with Table II, 5/16" (7-wire) Extra High Strength Galvanized Steel Messenger Strand Supporting (by lashing) Plastic-Sheath Telephone Cable, 4.60 pounds per foot with Diameter 2.70 inches.

TABLE II

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
5/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
4.60 Pounds per foot with Diameter 2.70 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals 2,000 pounds at 60°F

Span Length		100-ft.		125-ft.		150-ft.		175-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	20.2	3553	28.9	3882	38.5	4197	49.0	4502
No ice, no wind	20	20.8	3456	29.6	3792	39.4	4118	49.9	4427
No ice, no wind	40	21.4	3362	30.3	3705	40.2	4035	50.8	4348
No ice, no wind	60	22.0	3271	31.0	3619	40.9	3953	51.7	4271
No ice, no wind	80	22.6	3181	31.8	3532	41.7	3870	52.6	4194
No ice, no wind	100	23.2	3091	32.5	3448	42.6	3788	53.6	4116
Heavy-Final									
1/2" ice, no wind	32	26.0	—	36.5	—	47.9	—	60.2	—
No ice, no wind	60	22.5	3209	31.6	3550	41.8	3873	52.9	4180
No ice, no wind	100	23.8	3022	33.4	3374	43.6	3706	54.9	4025
Medium-Final									
1/4" ice, no wind	32	23.6	—	33.4	—	44.0	—	55.3	—
No ice, no wind	60	22.4	3237	31.4	3578	41.4	3908	52.4	4222
No ice, no wind	100	23.6	3047	33.1	3400	43.3	3737	54.5	4062
Light-Final									
No ice, no wind	60	22.2	3253	31.1	3596	41.2	3928	52.0	4246
No ice, no wind	100	23.5	3064	32.8	3418	43.0	3757	54.1	4086

Span Length		200-ft.		225-ft.		250-ft.		275-ft.	
Initial									
No ice, no wind	0	60.1	4797	71.8	5083	84.1	5363	97.1	5629
No ice, no wind	20	61.1	4725	72.9	5013	85.8	5294	98.3	5567
No ice, no wind	40	62.1	4650	74.0	4942	86.6	5226	99.6	5500
No ice, no wind	60	63.1	4575	75.0	4870	87.8	5159	100.9	5433
No ice, no wind	80	64.2	4498	76.1	4796	89.0	5088	102.2	5367
No ice, no wind	100	65.2	4424	77.3	4723	90.2	5017	103.5	5299
Heavy-Final									
1/2" ice, no wind	32	73.2	—	87.2	—	102.7	—		
No ice, no wind	60	64.6	4470	77.3	4739	90.8	4991		
No ice, no wind	100	67.0	4321	79.7	4596	93.4	4849		
Medium-Final									
1/4" ice, no wind	32	67.4	—	80.3	—	94.0	—	108.3	—
No ice, no wind	60	63.9	4523	76.1	4811	89.1	5084	102.7	5348
No ice, no wind	100	66.1	4368	78.6	4655	91.8	4933	105.6	5194
Light-Final									
No ice, no wind	60	63.4	4548	75.5	4840	88.3	5124	101.5	5394
No ice, no wind	100	65.8	4394	78.1	4681	91.1	4974	104.5	5246

TABLE II

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
5/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
4.60 Pounds per foot with Diameter 2.70 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals 2,000 pounds at 60°F

Span Length		300-ft.		325-ft.		350-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial							
No ice, no wind	0	110.7	5893	125.0	6133	139.8	6369
No ice, no wind	20	112.0	5832	126.4	6074	141.0	6312
No ice, no wind	40	113.4	5766	127.8	6010	142.5	6251
No ice, no wind	60	114.6	5701	129.2	5948	143.9	6191
No ice, no wind	80	116.0	5634	130.6	5882	145.4	6129
No ice, no wind	100	117.3	5568	132.0	5819	146.9	6068
Medium-Final							
1/4" ice, no wind	32	123.5	—				
No ice, no wind	60	117.0	5582				
No ice, no wind	100	120.1	5444				
Light-Final							
No ice, no wind	60	115.5	5654	130.5	5888	145.7	6119
No ice, no wind	100	118.7	5511	133.8	5749	149.1	5985

TABLE II

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
5/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
4.80 Pounds per foot with Diameter 2.80 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals 2,000 pounds at 60°F

Span Length		100-ft.		125-ft.		150-ft.		175-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	20.8	3609	29.6	3950	3950	39.4	50.2	4592
No ice, no wind	20	22.4	3514	30.3	3861	40.3	4198	51.0	4518
No ice, no wind	40	22.0	3421	31.0	3775	41.1	4116	51.9	4439
No ice, no wind	60	22.6	3331	31.7	31.7	3687	41.8	52.8	4364
No ice, no wind	80	23.2	3242	32.5	3603	42.6	3952	53.7	4287
No ice, no wind	100	23.8	3152	33.2	3519	43.5	3870	54.7	4210
Heavy-Final									
1/2" ice, no wind	32	26.5	—	37.3	—	48.8	—	61.3	—
No ice, no wind	60	23.1	3269	32.3	3621	42.7	3954	54.0	4271
No ice, no wind	100	24.4	3084	34.1	3447	44.5	3790	55.9	4119
Medium-Final									
1/4" ice, no wind	32	24.1	—	34.2	—	44.9	—	56.4	—
No ice, no wind	60	23.0	3297	32.1	3648	42.3	3990	53.5	4314
No ice, no wind	100	24.2	3109	33.8	3471	44.2	3819	55.6	4156
Light-Final									
No ice, no wind	60	22.8	3314	31.9	3667	42.1	4011	53.1	4338
No ice, no wind	100	24.0	3125	33.5	3489	43.9	3840	55.2	4181

Span Length		200-ft.		225-ft.		250-ft.		275-ft.	
Initial									
No ice, no wind	0	61.4	4897	73.3	5193	85.9	5481	99.1	5753
No ice, no wind	20	62.4	4825	74.4	5123	87.1	5413	100.3	5692
No ice, no wind	40	63.4	4750	75.5	5052	88.3	5345	101.6	5626
No ice, no wind	60	64.3	4676	76.5	4981	89.5	5279	102.8	5560
No ice, no wind	80	65.4	4600	77.6	4908	90.7	5209	104.1	5496
No ice, no wind	100	66.4	4526	78.7	4836	91.9	5140	105.4	5429
Heavy-Final									
1/2" ice, no wind	32	74.4	—	88.6	—	104.4	—		
No ice, no wind	60	66.0	4568	78.9	4843	92.7	5100		
No ice, no wind	100	68.3	4421	81.3	4702	95.3	4960		
Medium-Final									
1/4" ice, no wind	32	68.7	—	81.8	—	95.7	—	110.2	—
No ice, no wind	60	65.2	4624	77.6	4920	90.8	5200	104.7	5470
No ice, no wind	100	67.4	4470	80.1	4768	93.5	5053	107.6	5317
Light-Final									
No ice, no wind	60	64.7	4649	77.0	4951	90.1	5244	103.5	5520
No ice, no wind	100	67.0	4497	79.5	4793	92.8	5096	106.4	5373

TABLE II

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
5/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
5.00 Pounds per foot with Diameter 2.80 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals 2,000 pounds at 60°F

Span Length		100-ft.		125-ft.		150-ft.		175-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	21.4	3665	30.4	4019	40.4	4357	51.4	4683
No ice, no wind	20	22.0	3572	31.0	3930	41.2	4279	52.2	4609
No ice, no wind	40	22.6	3480	31.7	3845	42.0	4197	53.0	4531
No ice, no wind	60	23.2	3391	32.5	3760	42.7	4118	53.9	4457
No ice, no wind	80	23.8	3303	33.2	3674	43.5	4034	54.8	4380
No ice, no wind	100	24.4	3214	33.9	3590	44.4	3952	55.8	4304
Heavy-Final									
1/2" ice, no wind	32	27.0	—	38-1	—	49.8	—	62.4	—
No ice, no wind	60	23.7	3329	33.1	3692	43.6	4035	55.1	4363
No ice, no wind	100	25.0	3146	34.8	3520	45.4	3875	57.0	4213
Medium-Final									
1/4" ice, no wind	32	24.6	—	35.0	—	45.9	—	57.5	—
No ice, no wind	60	23.6	3358	32.9	3718	43.2	4072	54.6	4406
No ice, no wind	100	24.8	3171	34.5	3542	45.1	3901	56.7	4250
Light-Final									
No ice, no wind	60	23.4	3375	32.7	3738	43.0	4094	54.2	4430
No ice, no wind	100	24.6	3187	34.2	3560	44.8	3923	56.3	42.76
Span Length		200-ft.		225-ft.		250-ft.		275-ft.	
Initial									
No ice, no wind	0	62.7	4997	74.9	5303	87.7	5599	101.1	5877
No ice, no wind	20	63.7	4925	75.9	5233	88.9	5532	102.3	5817
No ice, no wind	40	64.7	4850	77.0	5163	90.0	5465	103.6	5752
No ice, no wind	60	65.6	4777	78.0	5092	91.2	5399	104.8	5687
No ice, no wind	80	66.6	4702	79.1	5020	92.4	5331	106.0	5625
No ice, no wind	100	67.6	4628	80.2	4949	93.6	5263	107.3	5559
Heavy-Final									
1/2" ice, no wind	32	75.6	—	90.0	—	106.1	—		
No ice, no wind	60	67.4	4666	80.6	4948	94.6	5209		
No ice, no wind	100	69.6	4521	82.9	4808	97.2	5071		
Medium-Final									
1/4" ice, no wind	32	70.0	—	83.3	—	97.4	—	112.1	—
No ice, no wind	60	66.5	4725	79.1	5029	92.6	5316	106.7	5591
No ice, no wind	100	68.7	4572	81.6	4881	95.2	5173	109.6	5441
Light-Final									
No ice, no wind	60	66.0	4750	78.5	5062	91.9	5364	105.5	5646
No ice, no wind	100	68.3	4600	81.0	4905	94.5	5218	108.3	5500

TABLE II

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
5/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
5.00 Pounds per foot with Diameter 2.80 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals 2,000 pounds at 60°F

Span Length		300-ft.		325-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial					
No ice, no wind	0	115.3	6153	130.6	6399
No ice, no wind	20	116.5	6094	131.8	6342
No ice, no wind	40	117.8	6030	133.1	6280
No ice, no wind	60	119.0	5967	134.4	6220
No ice, no wind	80	120.4	5902	135.9	6158
No ice, no wind	100	121.7	5838	137.2	6097
Light-Final					
No ice, no wind	60	120.1	5915	136.1	6153
No ice, no wind	100	123.1	5773	139.2	6016

TABLE III

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
7/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
1.00 Pounds per foot with Diameter 1.40 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals *3800* pounds at 60°F

Span Length		200-ft.		225-ft.		250-ft.		275-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	17.0	4973	19.8	5051	23.6	5129	28.2	5207
No ice, no wind	20	17.8	4728	20.9	4813	24.9	4898	29.7	4984
No ice, no wind	40	18.7	4479	22.0	4570	26.3	4660	31.3	4750
No ice, no wind	60	19.8	4231	23.3	4331	27.8	4431	33.1	4529
No ice, no wind	80	21.0	3985	24.8	4093	29.5	4200	34.9	4305
No ice, no wind	100	22.4	3751	26.4	3865	31.3	3979	36.9	4091
Heavy-Final									
1/2" ice, no wind	32	30.8	—	36.3	—	42.9	—	50.3	—
No ice, no wind	60	20.9	4040	24.6	4131	29.3	4221	34.8	4311
No ice, no wind	100	23.9	3525	28.2	3635	33.5	3745	39.3	3853
Medium-Final									
1/4" ice, no wind	32	24.4	—	28.9	—	34.4	—	40.6	—
No ice, no wind	60	20.5	4103	24.1	4197	28.6	4290	34.0	4383
No ice, no wind	100	23.4	3583	27.5	3697	32.5	3810	38.3	3921
Light-Final									
No ice, no wind	60	20.3	4127	23.8	4223	28.2	4318	33.5	4413
No ice, no wind	100	23.2	3609	27.1	3723	32.2	3837	37.8	3950

Span Length		300-ft.		325-ft.		350-ft.		375-ft.	
Initial									
No ice, no wind	0	33.5	5286	39.2	5365	45.5	5443	52.3	5521
No ice, no wind	20	35.2	5069	41.1	5154	47.6	5238	54.5	5322
No ice, no wind	40	36.9	4840	43.0	4930	49.7	5019	56.8	5108
No ice, no wind	60	38.9	4627	45.2	4724	52.1	4820	59.2	4915
No ice, no wind	80	40.9	4410	47.3	4513	54.4	4614	61.7	4714
No ice, no wind	100	43.0	4201	49.7	4310	56.9	4417	64.4	4523
Heavy-Final									
1/2" ice, no wind	32	58.3	—	67.0	—	76.2	—	85.7	—
No ice, no wind	60	40.9	4400	47.5	4490	54.7	4579	62.2	4668
No ice, no wind	100	45.8	3960	52.8	4065	60.3	4169	68.3	4271
Medium-Final									
1/4" ice, no wind	32	47.5	—	54.9	—	62.9	—	71.2	—
No ice, no wind	60	39.9	4476	46.4	4569	53.4	4660	60.9	4752
No ice, no wind	100	44.7	4031	51.5	4139	59.0	4246	66.8	4351
Light-Final									
No ice, no wind	60	39.4	4507	45.8	4600	52.7	4694	60.1	4787
No ice, no wind	100	44.2	4060	51.1	4170	58.4	4277	66.1	4383

TABLE III

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
7/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
1.00 Pounds per foot with Diameter 1.40 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals *3800* pounds at 60°F

Span Length		400-ft.		425-ft.		450-ft.		475-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	59.3	5600	66.6	5679	74.0	5757	81.4	5836
No ice, no wind	20	61.6	5406	69.0	5490	76.5	5573	84.1	5656
No ice, no wind	40	64.0	5196	71.6	5284	79.2	5372	87.0	5460
No ice, no wind	60	66.7	5010	74.4	5104	82.2	5197	90.1	5290
No ice, no wind	80	69.4	4813	77.1	4910	85.0	5007	93.2	5104
No ice, no wind	100	72.2	4627	80.0	4729	88.1	4831	96.3	4931
Heavy-Final									
1/2" ice, no wind	32	95.7	—	105.8	—	116.0	—	126.5	—
No ice, no wind	60	70.1	4757	78.1	4845	86.3	4938	94.6	5021
No ice, no wind	100	76.6	4372	84.8	4470	93.3	4569	101.9	4666
Medium-Final									
1/4" ice, no wind	32	79.8	—	88.5	—	97.5	—	106.6	—
No ice, no wind	60	68.6	4843	76.5	4935	84.6	5026	92.9	5116
No ice, no wind	100	74.8	4455	83.0	4557	91.4	4657	99.9	4757
Light-Final									
No ice, no wind	60	67.8	4879	75.7	4971	83.7	5063	92.0	5156
No ice, no wind	100	74.2	4488	82.3	4590	90.6	4691	99.1	4790
Span Length		500-ft.		525-ft.		550-ft.		575-ft.	
Initial									
No ice, no wind	0	89.2	5915	97.0	5993	105.0	6072	113.4	6151
No ice, no wind	20	91.9	5739	99.9	5823	108.2	5907	116.7	5990
No ice, no wind	40	95.0	5548	103.0	5635	111.4	5723	120.1	5810
No ice, no wind	60	98.2	5378	106.5	5470	115.1	5561	123.9	5650
No ice, no wind	80	101.4	5199	109.8	5295	118.6	5388	127.6	5481
No ice, no wind	100	104.8	5031	113.3	5128	122.1	5225	131.3	5320
Heavy-Final									
1/2" ice, no wind	32	137.2	—	148.0	—	159.4	—	170.9	—
No ice, no wind	60	103.2	5109	111.9	5197	121.1	5285	130.3	5372
No ice, no wind	100	110.8	4762	119.8	4856	129.0	4949	138.5	5042
Medium-Final									
1/4" ice, no wind	32	116.0	—	125.5	—	135.1	—	145.1	—
No ice, no wind	60	101.2	5207	109.8	5297	118.6	5388	127.7	5475
No ice, no wind	100	108.6	4855	117.4	4952	126.5	5049	135.8	5145
Light-Final									
No ice, no wind	60	100.4	5248	108.9	5339	117.7	5429	126.7	5517
No ice, no wind	100	107.8	4889	116.5	4986	125.5	5082	134.9	5177

TABLE III

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
7/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
1.00 Pounds per foot with Diameter 1.40 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals *3800* pounds at 60°F

Span Length		600-ft.		625-ft.		650-ft.		675-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	121.9	6229	130.8	6307	139.8	6385	149.0	6463
No ice, no wind	20	125.5	6073	134.4	6155	143.6	6236	152.9	6316
No ice, no wind	40	129.1	5897	138.1	5983	147.5	6068	157.0	6153
No ice, no wind	60	133.0	5738	142.2	5826	151.7	5913	161.3	5998
No ice, no wind	80	136.8	5574	146.2	5665	155.8	5755	165.5	5843
No ice, no wind	100	140.7	5413	150.1	5505	159.8	5597	169.7	5688
Heavy-Final									
1/2" ice, no wind	32	182.7	--	194.7	--	207.0	--	219.4	--
No ice, no wind	60	139.8	5457	149.7	5540	159.7	5622	170.0	5703
No ice, no wind	100	148.3	5134	158.4	5224	168.6	5313	1179.0	5401
Medium-Final									
1/4" ice, no wind	32	155.3	--	165.7	--	176.5	--	187.3	--
No ice, no wind	60	137.1	5563	146.8	5648	156.6	5732	166.6	5816
No ice, no wind	100	145.5	5238	155.3	5330	165.4	5420	175.5	5510
Light-Final									
No ice, no wind	60	136.1	5605	145.7	5691	155.5	5776	165.4	5858
No ice, no wind	100	144.5	5270	154.3	5363	164.2	5453	174.4	5543

Span Length		700-ft.		725-ft.		750-ft.		775-ft.	
Initial									
No ice, no wind	0	158.4	6541	168.0	6618	177.6	6695	187.3	6772
No ice, no wind	20	162.5	6395	172.1	6474	181.8	6552	191.7	6628
No ice, no wind	40	166.6	6235	176.4	6317	186.1	6399	196.2	6480
No ice, no wind	60	171.1	6083	181.0	6167	190.9	6250	200.9	6333
No ice, no wind	80	175.4	5931	185.4	6018	195.5	6105	205.7	6190
No ice, no wind	100	179.6	5778	189.7	5867	199.9	5955	210.2	6043
Heavy-Final									
1/2" ice, no wind	32	231.8	--	244.3	--	257.0	--	269.9	--
No ice, no wind	60	180.4	5782	191.0	5860	201.6	5936	212.2	6011
No ice, no wind	100	189.7	5487	200.4	5573	211.2	5657	222.3	5737
Medium-Final									
1/4" ice, no wind	32	198.5	--	209.7	--	221.0	--	232.5	--
No ice, no wind	60	176.8	5897	186.9	5977	197.3	6057	207.8	6136
No ice, no wind	100	185.9	5597	196.3	5684	206.9	5769	217.6	5853
Light-Final									
No ice, no wind	60	175.5	5940	185.7	6020	196.0	6099	206.5	6178
No ice, no wind	100	184.6	5630	194.9	5716	205.4	5801	216.0	5886

TABLE III

Initial Sags and Tensions with Cable in Place
and Final Sags for Ground Clearance Determination of
7/16" (7-wire) Extra High Strength Galvanized Steel Messenger
Strand Supporting (by Lashing) Plastic-Sheath Telephone Cable
1.00 Pounds per foot with Diameter 1.40 Inch.

Heavy, Medium, and Light Loading Districts

Initial or stringing tension of messenger strand only equals 3800 pounds at 60°F

Span Length		800-ft.		825-ft.		850-ft.		875-ft.	
	Temp. °F	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds	Sag in Inches	Tension in Pounds
Initial									
No ice, no wind	0	197.4	6849	207.7	6923	217.7	6997	228.3	7069
No ice, no wind	20	201.6	6704	211.8	6779	222.4	6854	233.2	6928
No ice, no wind	40	206.4	6560	216.7	6638	227.3	6715	238.1	6790
No ice, no wind	60	211.2	6415	221.5	6495	232.2	6573	243.2	6651
No ice, no wind	80	216.0	6274	226.5	6355	237.4	6435	248.5	6514
No ice, no wind	100	220.8	6129	231.4	6212	242.4	6295	253.6	6375
Heavy-Final									
1/2" ice, no wind	32	283.2	—	296.7	—	310.6	—	324.9	—
No ice, no wind	60	223.2	6086	234.4	6157	245.9	6226	257.8	6293
No ice, no wind	100	233.4	5817	245.0	5893	256.9	5969	269.0	6042
Medium-Final									
1/4" ice, no wind	32	244.2	—	256.2	—	268.5	—	281.1	—
No ice, no wind	60	218.4	6213	229.2	6289	240.3	6365	251.8	6439
No ice, no wind	100	228.6	5936	239.7	6016	251.2	6096	262.9	6175
Light-Final									
No ice, no wind	60	217.2	6256	227.9	6332	238.8	6408	250.1	6482
No ice, no wind	100	226.8	5970	237.8	6052	249.2	6133	260.7	6212
Span Length		900-ft.		925-ft.		950-ft.		975-ft.	
Initial									
No ice, no wind	0	239.3	7141	250.4	7211	261.8	7281	273.3	7349
No ice, no wind	20	244.2	7001	255.5	7074	267.0	7145	278.6	7214
No ice, no wind	40	249.4	6864	260.8	6937	272.5	7009	284.4	7079
No ice, no wind	60	254.5	6727	265.9	6801	277.6	6875	289.6	6947
No ice, no wind	80	260.0	6591	271.6	6667	283.5	6742	295.5	6816
No ice, no wind	100	265.3	6454	277.1	6532	289.1	6609	301.3	6685
Heavy-Final									
1/2" ice, no wind	32	339.5	—	354.3	—	369.3	—	384.3	—
No ice, no wind	60	270.0	6357	282.4	6419	295.0	6477	307.9	6536
No ice, no wind	100	281.7	6113	294.5	6179	307.5	6240	320.7	6295
Medium-Final									
1/4" ice, no wind	32	293.9	—	307.0	—	320.4	—	333.8	—
No ice, no wind	60	263.4	6513	275.3	6586	287.4	6658	299.6	6731
No ice, no wind	100	274.9	6252	287.0	6327	299.4	6401	311.9	6471
Light-Final									
No ice, no wind	60	261.7	6556	273.4	6629	285.4	6701	2297.4	6773
No ice, no wind	100	272.6	6290	284.6	6367	296.8	6440	309.1	6513