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Also admitted in Massachusetts

January 28, 2014

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification – Facility Modification
90 North Plains Industrial Road, Wallingford, Connecticut**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains twelve (12) wireless telecommunications antennas at the 138-foot level on the existing 180-foot tower at the above-referenced address. The tower is owned by American Tower Corporation. The Council approved Cellco’s shared use of this tower in 2001. On May 1, 2013, the Council approved Cellco’s request to modify the existing facility (EM-VER-148-130408). Cellco has recently decided that it will not move forward with those facility modifications. Cellco will, however, be adding six (6) new coax cables at this site. As described in the attached Structural Analysis Report, these new cables will be attached to the outside of the monopole.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to William W. Dickinson, Jr., Mayor for the Town of Wallingford. A copy of this letter is also being sent to RLR Investments, LLC, the owner of the property where the tower is located.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in an increase in the height of the existing tower.



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Melanie A. Bachman
January 28, 2014
Page 2

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

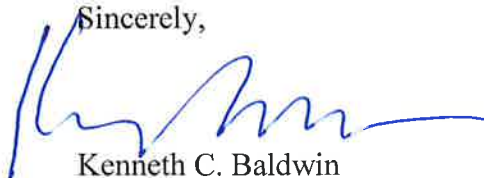
4. The installation of new antenna cables will not result in an increase of radio frequency (RF) emissions at the facility.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The tower and its foundation can support Cellco's new antenna cables. (See Structural Analysis Report attached).

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

William W. Dickinson, Jr., Wallingford Mayor
RLR Investments, LLC
Sandy M. Carter





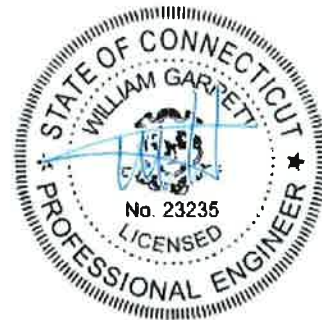
AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 178.5 ft Monopole
ATC Site Name : Bilkays Express, CT
ATC Site Number : 302467
Engineering Number : 56300021
Proposed Carrier : Verizon
Carrier Site Name : N/A
Carrier Site Number : N/A
Site Location : 90 North Plains Industrial Rd.
Wallingford, CT 06492-2334
41.480761, -72.817700
County : New Haven
Date : January 16, 2014
Max Usage : 74%
Result : Pass

Isaac P. Dodson
Structural Engineer I

Isaac P. Dodson



Jan 16 2014 2:39 PM



Table of Contents

Introduction	1
Supporting Documents	1
Analysis	1
Conclusion.....	1
Existing and Reserved Equipment.....	2
Proposed Equipment	2
Structure Usages	3
Foundations	3
Deflection, Twist, and Sway.....	3
Standard Conditions	4
Calculations	Attached



Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 178.5 ft monopole to reflect the change in loading by .

Supporting Documents

Tower Drawings	FWT Job #18357, dated March 19, 1999
Foundation Drawing	FWT Job #18357, dated March 19, 1999
Geotechnical Report	Tectonic Engineering Work Order #1170.C947C, dated March 11, 1999

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	110 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 3/4" radial ice concurrent
Code:	ANSI/TIA-222-G / 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment
Structure Class:	II
Exposure Category:	B
Topographic Category:	1

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.



Existing and Reserved Equipment

Mount Elev. ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
178.5	3	72" x 12" Panel	Low Profile Platform	(12) 1 5/8" Coax	Sprint Nextel
	9	48" x 12" Panel			
171.0	1	DragonWave A-ANT-18G-2-C	Collar	(6) 5/16" Coax (2) 2" Conduit (2) 1/2" Coax	Clearwire
	3	NextNet BTS-2500			
	3	Argus LLPX310R			
	2	DragonWave Horizon Compact			
	1	DragonWave A-ANT-11G-2-C			
160.0	3	Powerwave 7020	Platform w/ Handrails	(12) 1 5/8" Coax (6) 0.78" 8 AWG 6 (1) 0.39" Fiber Trunk	AT&T Mobility
	6	14" x 9" TTA			
	3	Raycap DC6-48-60-18-8F			
	3	CCI DTMAPB7819VG12A			
	6	Ericsson RRUS A2 Module			
	6	Ericsson RRUS 11			
	6	Ericsson RRUS-12 B2			
	3	Ericsson RRUS E2 B29			
	3	Ericsson RRUS-32			
	3	Powerwave 7770.00			
9	CCI HPA-65R-BUU-H6				
148.0	3	Ericsson KRY 112 144/1	T-Arm w/ Working Platforms	(12) 1 5/8" Coax (1) 1 1/4" Hybriflex	T-Mobile
	3	Ericsson AIR 21, 1.3 M, B2A B4			
	3	Ericsson AIR 21, 1.3M, B4A B2P			
135.0	3	Antel BXA-70063-6CF-EDIN-X	Low Profile Platform	(12) 1 5/8" Coax	Verizon Wireless
	6	RFS FD9R6004/2C-3L			
	3	Antel BXA-80063-6BF-EDIN-X			
	3	Antel BXA-171063-8BF-EDIN-X			
	3	Alcatel-Lucent RRH2x40-AWS			
	1	RFS DB-T1-6Z-8AB-OZ			
	3	Alcatel-Lucent RRH2x40 (700)			
3	Antel BXA-171063-12BF-EDIN				
128.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	Metro PCS
118.0	6	Andrew DB980H90R-KL	Low Profile Platform	(6) 1 1/4" Coax (3) 1 1/4" Hybriflex	Sprint Nextel
	3	RFS APXVSP18-C-A20			
116.0	3	Alcatel-Lucent 800 MHz RRH	Low Profile Platform	(6) 1 1/4" Coax (3) 1 1/4" Hybriflex	Sprint Nextel
	3	Alcatel-Lucent 1900 MHz 4x45 R			
20.0	1	PCTEL GPS-TMG-HR-26N	Standoff	(1) 1/2" Coax	

Proposed Equipment

Elevation ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
135.0	-	-	-	(6) 1 5/8" Coax	Verizon Wireless

¹Mount elevation is defined as height above bottom of steel structure to the bottom of mount, RAD elevation is defined as center of antenna above ground level (AGL).

Install proposed coax outside the pole shaft. Stacking coax is not allowed.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	74%	Pass
Shaft	67%	Pass
Base Plate	57%	Pass

Foundations

Reaction Component	Original Design Reactions	Factored Design Reactions*	Analysis Reactions	% of Design
Moment (Kips-Ft)	5,025.0	6,783.8	6,018.1	89%
Shear (Kips)	39.9	53.9	48.9	91%

* The design reactions are factored by 1.35 per ANSI/TIA-222-G, Sec. 15.5.1

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
135.0	0.835	0.057

*Deflection and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-G



Standard Conditions

All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

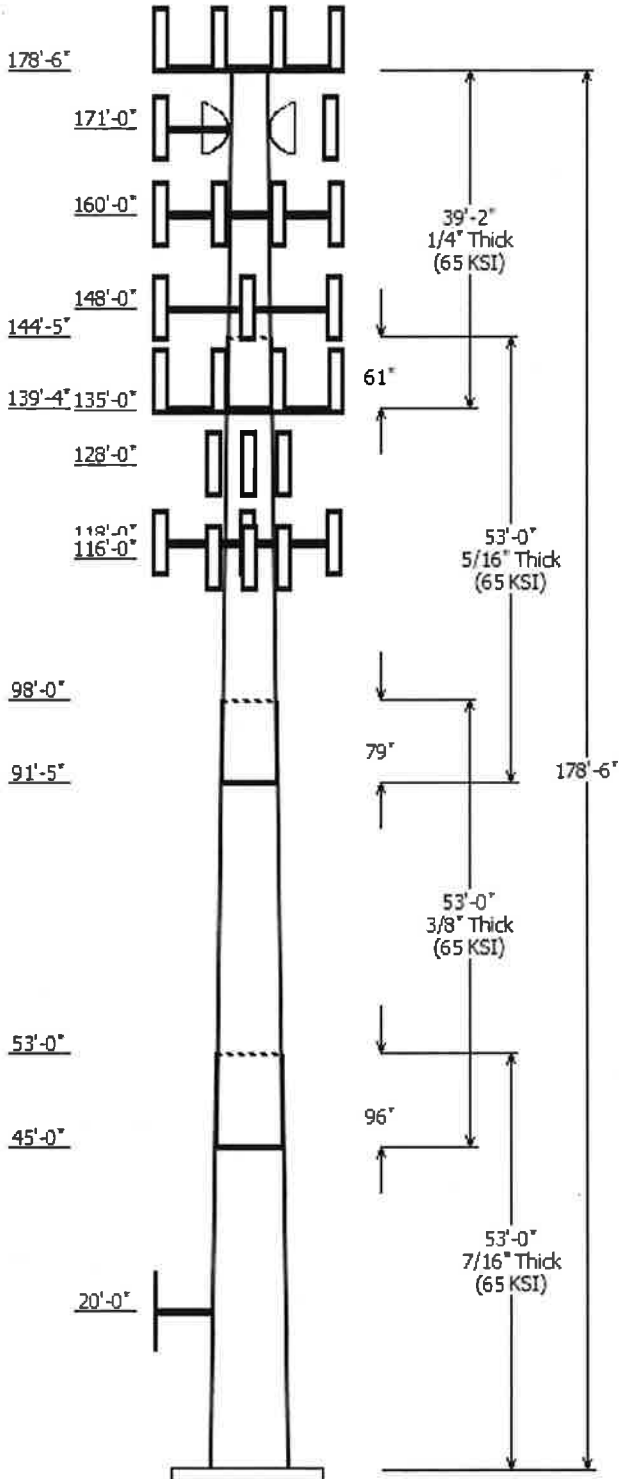
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

It is the responsibility of the client to ensure that the information provided to ATC Tower Services, Inc. and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and that their capacity has not significantly changed from the "as new" condition.

Unless explicitly agreed by both the client and American Tower Corporation, all services will be performed in accordance with the current revision of ANSI/TIA -222. The design basic wind speed will be determined based on the minimum basic wind speed as prescribed in ANSI/TIA-222. Although every effort is taken to ensure that the loading considered is adequate to meet the requirements of all applicable regulatory entities, we can provide no assurance to meet any other local and state codes or requirements. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. ATC Tower Services, Inc. is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.

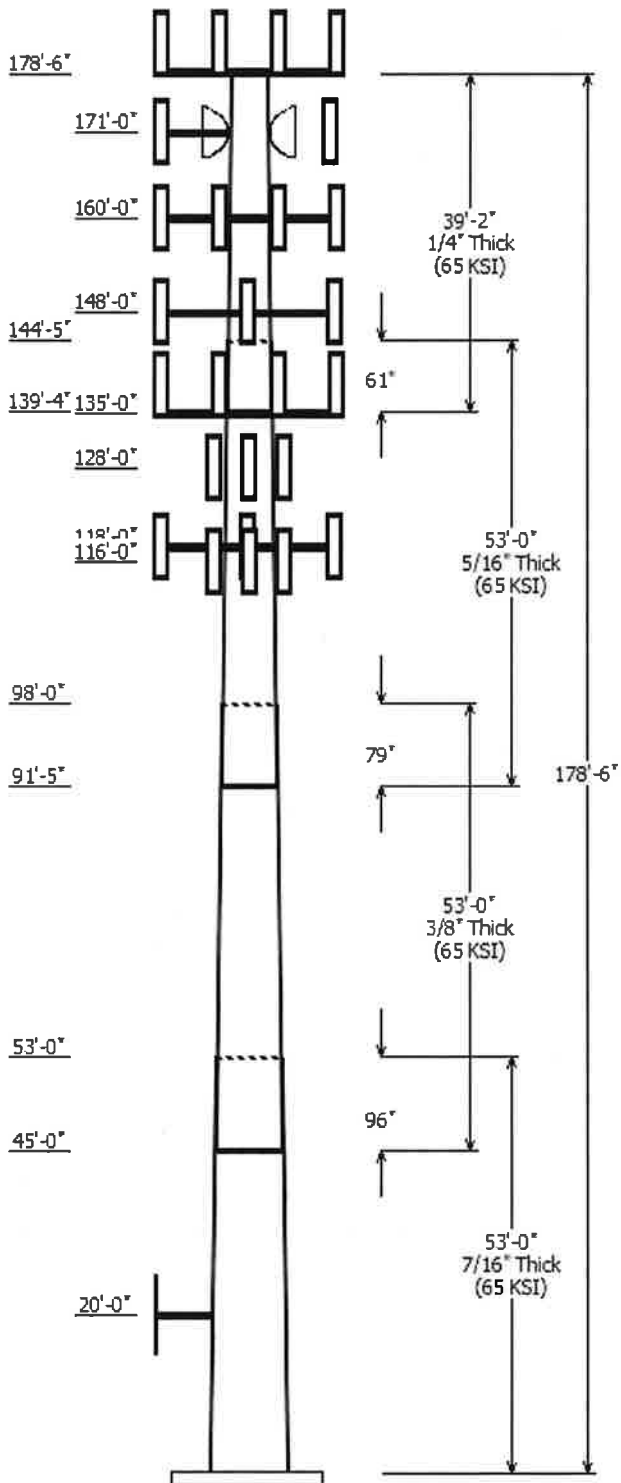
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Job Information	
Pole : 302467	Code: ANSI/TIA-222 Rev G
Description : 178.5' FWT Monopole	
Client : AT&T Mobility	Struct Class : II
Location : Bilkays Express, CT	
Shape : 18 Sides	Exposure : B
Height : 178.50 (ft)	Topo : 1
Base Elev (ft): 0.00	
Taper: 0.25140 (in/ft)	

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in)	Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
		Across Top	Flats Bottom					
1	53.000	58.67	72.00	0.438		0.000	0.251401	65
2	53.000	48.11	61.43	0.375	Slip Joint	96.000	0.251401	65
3	53.000	37.06	50.39	0.313	Slip Joint	79.000	0.251401	65
4	39.167	29.00	38.84	0.250	Slip Joint	61.000	0.251401	65

Discrete Appurtenance				
Attach Elev (ft)	Force Elev (ft)	Qty	Description	
178.500	178.500	1	Flat Low Profile Platform	
178.500	181.000	9	48" x 12" Panel	
178.500	181.000	3	72" x 12" Panel	
171.000	171.000	1	DragonWave A-ANT-11G-2-C	
171.000	171.000	2	DragonWave Horizon Compact	
171.000	171.000	3	Argus LLPX310R	
171.000	171.000	3	NextNet BTS-2500	
171.000	171.000	1	DragonWave A-ANT-18G-2-C	
171.000	171.000	1	Side Arms	
160.000	160.000	1	Round Platform w/ Handrails	
160.000	160.000	9	CCI HPA-65R-BUU-H6	
160.000	160.000	3	Powerwave 7770.00	
160.000	160.000	3	Ericsson RRUS-32	
160.000	160.000	3	Ericsson RRUS E2 B29	
160.000	160.000	6	Ericsson RRUS-12 B2	
160.000	160.000	6	Ericsson RRUS 11	
160.000	160.000	6	Ericsson RRUS A2 Module	
160.000	160.000	3	CCI DTMABP7819VG12A	
160.000	160.000	3	Raycap DC6-48-60-18-8F	
160.000	160.000	6	14" x 9" TTA	
160.000	160.000	3	Powerwave 7020	
148.000	148.000	3	Ericsson AIR 21, 1.3M, B4A B2P	
148.000	148.000	3	Ericsson AIR 21, 1.3 M, B2A B4	
148.000	148.000	3	Ericsson KRY 112 144/1	
148.000	148.000	3	T-Arm w/ Working Platform	
135.000	138.000	3	Alcatel-Lucent RRH2x40 (700)	
135.000	138.000	1	RFS DB-T1-6Z-8AB-OZ	
135.000	138.000	3	Alcatel-Lucent RRH2x40-AWS	
135.000	138.000	3	Antel BXA-171063-8BF-EDIN-X	
135.000	138.000	3	Antel BXA-80063-6BF-EDIN-X	
135.000	138.000	6	RFS FD9R6004/2C-3L	
135.000	138.000	3	Antel BXA-70063-6CF-EDIN-X	
135.000	138.000	3	Antel BXA-171063-12BF-EDIN	
135.000	135.000	1	Round Low Profile Platform	
128.000	128.000	3	RFS APXV18-206517S-C	
118.000	118.000	3	RFS APXV SPP18-C-A20	
118.000	118.000	1	Round Low Profile Platform	
118.000	118.000	6	Andrew DB980H90R-KL	
116.000	116.000	3	Alcatel-Lucent 1900 MHz 4x45	
116.000	116.000	3	Alcatel-Lucent 800 MHz RRH	
20.000	20.000	1	Standoff	
20.000	20.000	1	PCTEL GPS-TMG-HR-26N	

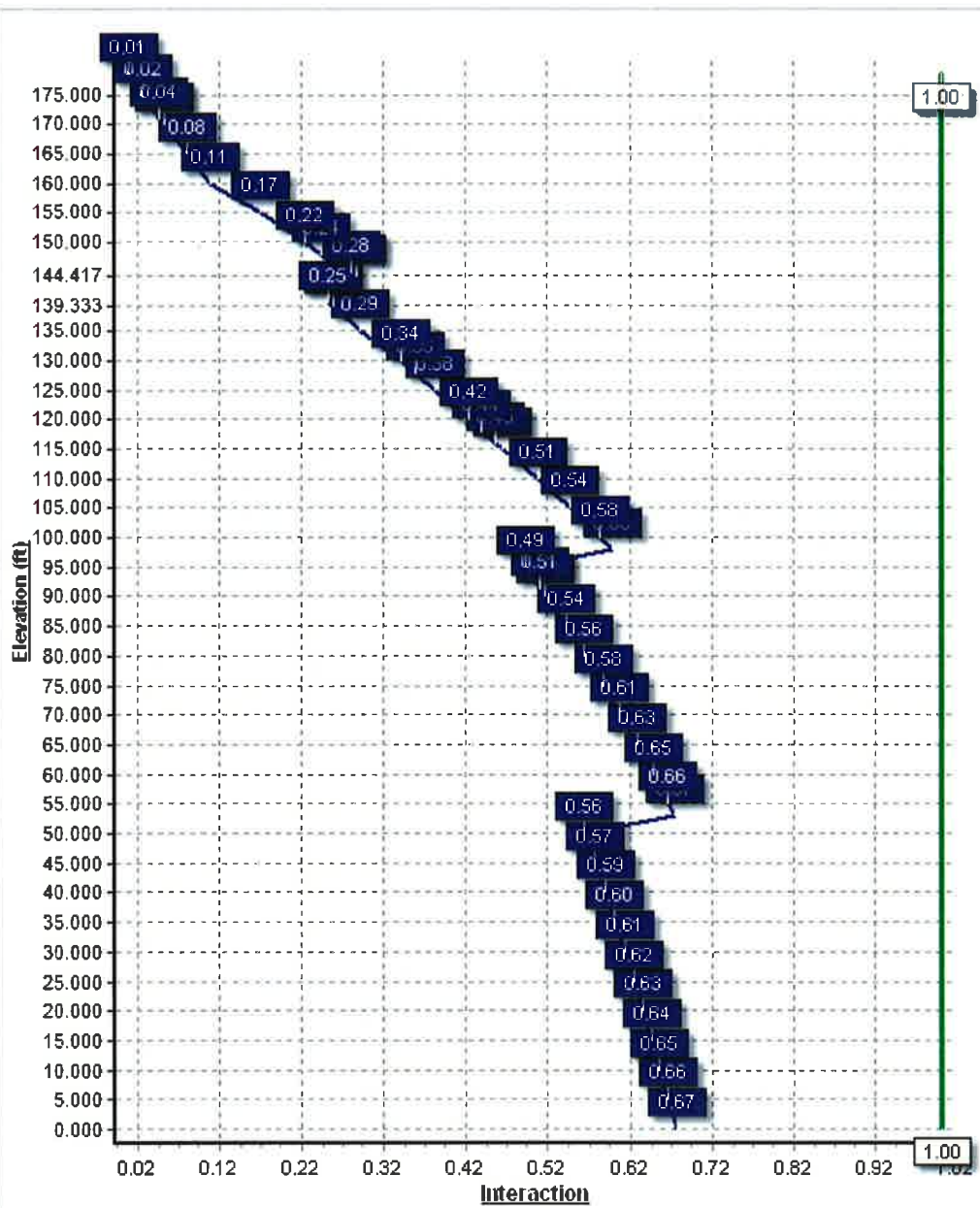


Linear Appurtenance			
Elev (ft)		Description	Exposed To Wind
From	To		
0.000	20.000	1/2" Coax	Yes
0.000	118.0	1 1/4" Coax	Yes
0.000	118.0	1 1/4" Hybriflex	Yes
0.000	128.0	1 5/8" Coax	Yes
0.000	135.0	1 5/8" Coax	No
0.000	135.0	1 5/8" Coax	No
0.000	135.0	1 5/8" Coax	Yes
0.000	148.0	1 1/4" Hybriflex	No
0.000	148.0	1 5/8" Coax	No
0.000	160.0	0.39" Fiber Trunk	No
0.000	160.0	0.78" 8 AWG 6	No
0.000	160.0	1 5/8" Coax	No
0.000	171.0	1/2" Coax	Yes
0.000	171.0	2" Conduit	Yes
0.000	171.0	5/16" Coax	No
0.000	178.5	1 5/8" Coax	No

Load Cases	
1.2D + 1.6W	110.00 mph with No Ice
0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	6018.08	48.93	73.98
0.9D + 1.6W	5847.49	47.46	55.47
1.2D + 1.0Di + 1.0Wi	1257.46	10.29	119.28
1.0D + 1.0W	1091.04	8.82	61.70

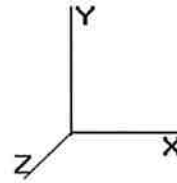
Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	171.00	15.913	0.817
1.0D + 1.0W	171.00	15.913	0.817



Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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 Page: 1



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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Slip		Weight (lb)	Bottom						Top							
				Joint Type	Joint Len (in)		Dia (in)	Elev (ft)	Area (sqin)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Taper (in/ft)	
1-18	53.000	0.4375	65		0.00	16,253	72.00	0.00	99.37	64295.3	27.61	164.57	58.67	53.00	80.87	34653.6	22.24	134.12	0.251401	
2-18	53.000	0.3750	65	Slip	96.00	11,677	61.43	45.00	72.68	34236.3	27.48	163.83	48.11	98.00	56.82	16359.1	21.21	128.30	0.251401	
3-18	53.000	0.3125	65	Slip	79.00	7,766	50.39	91.42	49.67	15739.6	27.02	161.26	37.06	144.42	36.46	6222.7	19.51	118.62	0.251401	
4-18	39.167	0.2500	65	Slip	61.00	3,561	38.84	139.33	30.63	5764.1	25.99	155.39	29.00	178.50	22.81	2382.3	19.04	116.00	0.251401	
Shaft Weight						39,257														

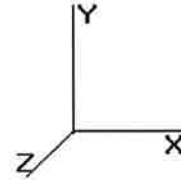
Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	No Ice			Ice			Distance From Face (ft)	Vert Ecc (ft)
			Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor		
178.50	48" x 12" Panel	9	30.00	5.070	0.78	166.17	6.070	0.78	0.000	2.500
178.50	72" x 12" Panel	3	45.00	8.130	0.79	240.70	9.454	0.79	0.000	2.500
178.50	Flat Low Profile Platform	1	1500.00	26.100	1.00	2,160.61	45.567	1.00	0.000	0.000
171.00	Argus LLPX310R	3	28.60	4.290	0.73	138.21	5.202	0.73	0.000	0.000
171.00	DragonWave A-ANT-11G-2-C	1	27.10	4.690	1.00	126.41	5.984	1.00	0.000	0.000
171.00	DragonWave A-ANT-18G-2-C	1	27.00	4.690	1.00	125.71	5.984	1.00	0.000	0.000
171.00	DragonWave Horizon	2	10.60	0.430	0.33	41.42	0.666	0.33	0.000	0.000
171.00	NextNet BTS-2500	3	35.00	1.820	0.50	93.10	2.371	0.50	0.000	0.000
171.00	Side Arms	1	560.00	8.500	1.00	1,035.30	15.714	1.00	0.000	0.000
160.00	14" x 9" TTA	6	10.00	1.050	0.33	47.02	1.503	0.33	0.000	0.000
160.00	CCI DTMABP7819VG12A	3	19.20	1.370	0.50	63.62	1.869	0.50	0.000	0.000
160.00	CCI HPA-65R-BUU-H6	9	51.00	9.660	0.83	300.98	11.036	0.83	0.000	0.000
160.00	Ericsson RRUS 11	6	50.70	2.790	0.67	137.81	3.474	0.67	0.000	0.000
160.00	Ericsson RRUS A2 Module	6	22.00	2.060	0.67	77.40	2.665	0.67	0.000	0.000
160.00	Ericsson RRUS E2 B29	3	60.00	3.150	0.67	156.14	3.869	0.67	0.000	0.000
160.00	Ericsson RRUS-12 B2	6	58.00	3.150	0.67	154.14	3.869	0.67	0.000	0.000
160.00	Ericsson RRUS-32	3	77.00	3.310	0.67	191.42	4.109	0.67	0.000	0.000
160.00	Powerwave 7020	3	2.20	0.400	0.33	18.07	0.624	0.33	0.000	0.000
160.00	Powerwave 7770.00	3	35.00	5.510	0.77	171.16	6.567	0.77	0.000	0.000
160.00	Raycap DC6-48-60-18-8F	3	20.00	1.110	1.00	101.17	2.526	1.00	0.000	0.000
160.00	Round Platform w/ Handrails	1	2000.00	27.200	1.00	3,306.85	51.853	1.00	0.000	0.000
148.00	Ericsson AIR 21, 1.3 M, B2A	3	83.00	6.050	0.86	251.77	7.147	0.86	0.000	0.000
148.00	Ericsson AIR 21, 1.3M, B4A	3	81.50	6.090	0.85	250.22	7.191	0.85	0.000	0.000
148.00	Ericsson KRY 112 144/1	3	11.00	0.410	0.50	27.36	0.634	0.50	0.000	0.000
148.00	T-Arm w/ Working Platform	3	250.00	12.900	0.67	459.14	21.084	0.67	0.000	0.000
135.00	Alcatel-Lucent RRH2x40 (700)	3	50.00	2.120	0.67	135.98	2.736	0.67	0.000	3.000
135.00	Alcatel-Lucent RRH2x40-AWS	3	44.00	2.160	0.67	116.56	2.797	0.67	0.000	3.000
135.00	Antel BXA-171063-12BF-EDIN	3	15.00	4.730	0.88	132.75	5.942	0.88	0.000	3.000
135.00	Antel BXA-171063-8BF-EDIN-X	3	10.50	2.940	0.87	92.67	3.797	0.87	0.000	3.000
135.00	Antel BXA-70063-6CF-EDIN-X	3	17.00	7.570	0.77	188.79	8.805	0.77	0.000	3.000
135.00	Antel BXA-80063-6BF-EDIN-X	3	19.20	7.260	0.78	162.17	9.898	0.78	0.000	3.000
135.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	4.800	1.00	185.96	5.664	1.00	0.000	3.000
135.00	RFS FD9R6004/2C-3L	6	2.60	0.370	0.50	15.50	0.576	0.50	0.000	3.000
135.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2,142.42	40.737	1.00	0.000	0.000
128.00	RFS APXV18-206517S-C	3	26.40	5.170	0.80	141.66	6.388	0.80	0.000	0.000
118.00	Andrew DB980H90R-KL	6	8.50	3.800	0.79	96.57	4.825	0.79	0.000	0.000
118.00	RFS APXVSP18-C-A20	3	57.00	8.020	0.83	251.06	9.282	0.83	0.000	0.000
118.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2,133.83	40.482	1.00	0.000	0.000
116.00	Alcatel-Lucent 1900 MHz	3	60.00	2.320	0.67	152.23	2.974	0.67	0.000	0.000
116.00	Alcatel-Lucent 800 MHz RRH	3	53.00	2.130	0.67	137.70	2.729	0.67	0.000	0.000
20.00	PCTEL GPS-TMG-HR-26N	1	0.60	0.090	1.00	8.27	0.231	1.00	0.000	0.000
20.00	Standoff	1	40.00	1.630	1.00	78.65	2.559	1.00	0.000	0.000

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:23 AM
 Page: 2



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Totals 135 12158.50

29,782.81

Number of Loadings : 42

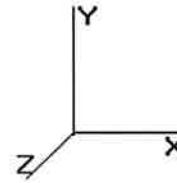
Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	178.50	(12) 1 5/8" Coax	0.00	N
0.00	171.00	(2) 1/2" Coax	0.00	Y
0.00	171.00	(2) 2" Conduit	2.38	Y
0.00	171.00	(6) 5/16" Coax	0.00	N
0.00	160.00	(1) 0.39" Fiber Trunk	0.00	N
0.00	160.00	(6) 0.78" 8 AWG 6	0.00	N
0.00	160.00	(12) 1 5/8" Coax	0.00	N
0.00	148.00	(1) 1 1/4" Hybriflex	0.00	N
0.00	148.00	(12) 1 5/8" Coax	0.00	N
0.00	135.00	(6) 1 5/8" Coax	0.00	N
0.00	135.00	(6) 1 5/8" Coax	0.00	N
0.00	135.00	(6) 1 5/8" Coax	0.00	Y
0.00	128.00	(6) 1 5/8" Coax	1.98	Y
0.00	118.00	(6) 1 1/4" Coax	1.55	Y
0.00	118.00	(3) 1 1/4" Hybriflex	1.54	Y
0.00	20.00	(1) 1/2" Coax	0.00	Y

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:24 AM
 Page : 3



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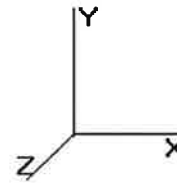
Segment Properties (Max Len : 5 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)
0.00		0.4375	72.000	99.370	64,295.3	27.61	164.57	68.9	1758.	0.0
5.00		0.4375	70.743	97.624	60,966.4	27.10	161.70	69.5	1697.	1,675.8
10.00		0.4375	69.486	95.879	57,754.4	26.59	158.83	70.1	1637.	1,646.1
15.00		0.4375	68.229	94.134	54,657.3	26.09	155.95	70.7	1577.	1,616.4
20.00		0.4375	66.972	92.388	51,672.9	25.58	153.08	71.3	1519.	1,586.7
25.00		0.4375	65.715	90.643	48,799.2	25.07	150.21	71.9	1462.	1,557.0
30.00		0.4375	64.458	88.897	46,034.0	24.57	147.33	72.5	1406.	1,527.3
35.00		0.4375	63.201	87.152	43,375.4	24.06	144.46	73.1	1351.	1,497.6
40.00		0.4375	61.944	85.406	40,821.1	23.55	141.59	73.7	1298.	1,467.9
45.00	Bot - Section 2	0.4375	60.687	83.661	38,369.1	23.05	138.71	74.3	1245.	1,438.2
50.00		0.4375	59.430	81.915	36,017.4	22.54	135.84	74.9	1193.	2,632.3
53.00	Top - Section 1	0.3750	59.426	70.283	30,963.7	26.53	158.47	70.2	1026.	1,552.9
55.00		0.3750	58.923	69.684	30,179.4	26.30	157.13	70.5	1008.	476.3
60.00		0.3750	57.666	68.188	28,277.0	25.70	153.78	71.2	965.8	1,172.9
65.00		0.3750	56.409	66.692	26,456.3	25.11	150.42	71.9	923.8	1,147.4
70.00		0.3750	55.152	65.196	24,715.5	24.52	147.07	72.6	882.7	1,122.0
75.00		0.3750	53.895	63.700	23,052.8	23.93	143.72	73.3	842.5	1,096.5
80.00		0.3750	52.638	62.204	21,466.3	23.34	140.37	73.9	803.2	1,071.1
85.00		0.3750	51.381	60.708	19,954.4	22.75	137.02	74.6	764.9	1,045.6
90.00		0.3750	50.124	59.212	18,515.1	22.16	133.66	75.3	727.6	1,020.1
91.42	Bot - Section 3	0.3750	49.768	58.788	18,120.3	21.99	132.71	75.5	717.1	284.4
95.00		0.3750	48.867	57.715	17,146.8	21.57	130.31	76.0	691.1	1,310.5
98.00	Top - Section 2	0.3125	48.738	48.030	14,230.2	26.09	155.96	70.7	575.1	1,078.7
100.0		0.3125	48.235	47.531	13,791.5	25.81	154.35	71.0	563.2	325.2
105.0		0.3125	46.978	46.285	12,734.5	25.10	150.33	71.9	533.9	798.1
110.0		0.3125	45.721	45.038	11,732.9	24.39	146.31	72.7	505.4	776.9
115.0		0.3125	44.464	43.791	10,785.2	23.68	142.28	73.6	477.8	755.7
116.0		0.3125	44.213	43.542	10,602.0	23.54	141.48	73.7	472.3	148.6
118.0		0.3125	43.710	43.043	10,241.9	23.25	139.87	74.1	461.5	294.6
120.0		0.3125	43.207	42.544	9,890.0	22.97	138.26	74.4	450.8	291.2
125.0		0.3125	41.950	41.298	9,045.8	22.26	134.24	75.2	424.7	713.2
128.0		0.3125	41.196	40.550	8,563.1	21.83	131.83	75.7	409.4	417.8
130.0		0.3125	40.693	40.051	8,251.0	21.55	130.22	76.1	399.4	274.3
135.0		0.3125	39.436	38.804	7,504.2	20.84	126.19	76.9	374.8	670.8
139.3	Bot - Section 4	0.3125	38.347	37.724	6,894.6	20.23	122.71	77.6	354.1	564.2
140.0		0.3125	38.179	37.557	6,803.9	20.13	122.17	77.7	351.0	154.7
144.4	Top - Section 3	0.2500	37.569	29.611	5,210.3	25.09	150.27	71.9	273.2	1,007.8
145.0		0.2500	37.422	29.495	5,149.1	24.98	149.69	72.0	271.0	58.7
148.0		0.2500	36.668	28.896	4,842.0	24.45	146.67	72.6	260.1	298.0
150.0		0.2500	36.165	28.497	4,644.2	24.10	144.66	73.1	252.9	195.3
155.0		0.2500	34.908	27.500	4,173.4	23.21	139.63	74.1	235.5	476.4
160.0		0.2500	33.651	26.503	3,735.6	22.32	134.60	75.1	218.6	459.4
165.0		0.2500	32.394	25.505	3,329.5	21.44	129.58	76.2	202.4	442.4
170.0		0.2500	31.137	24.508	2,954.0	20.55	124.55	77.2	186.9	425.5
171.0		0.2500	30.885	24.308	2,882.4	20.37	123.54	77.4	183.8	83.1
175.0		0.2500	29.880	23.510	2,607.8	19.66	119.52	78.3	171.9	325.4
178.5		0.2500	29.000	22.812	2,382.3	19.04	116.00	79.0	161.8	275.8
										39,257.1

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
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Code: ANSI/TIA-222 Rev G
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 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:24 AM
 Page : 4



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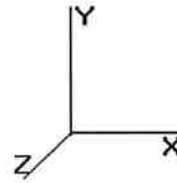
Load Case: 1.2D + 1.6W	110.00 mph with No Ice	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	20.599	22.65	560.71	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	20.599	22.65	550.92	0.655	* 0.000	5.00	30.197	19.79	717.6	0.0	2,011.0
10.00		1.00	0.70	20.599	22.65	541.13	0.659	* 0.000	5.00	29.665	19.55	708.8	0.0	1,975.3
15.00		1.00	0.70	20.599	22.65	531.34	0.663	* 0.000	5.00	29.133	19.31	700.0	0.0	1,939.7
20.00	Appertunance(s)	1.00	0.70	20.599	22.65	521.55	0.667	* 0.000	5.00	28.601	19.07	691.3	0.0	1,904.1
25.00		1.00	0.70	20.599	22.65	511.76	0.671	* 0.000	5.00	28.070	18.82	682.5	0.0	1,868.4
30.00		1.00	0.70	20.616	22.67	502.19	0.675	* 0.000	5.00	27.538	18.58	674.3	0.0	1,832.8
35.00		1.00	0.73	21.545	23.69	503.36	0.679	* 0.000	5.00	27.006	18.34	695.5	0.0	1,797.2
40.00		1.00	0.76	22.383	24.62	502.85	0.684	* 0.000	5.00	26.474	18.10	713.0	0.0	1,761.5
45.00	Bot - Section 2	1.00	0.78	23.149	25.46	501.00	0.688	* 0.000	5.00	25.942	17.86	727.5	0.0	1,725.9
50.00		1.00	0.81	23.856	26.24	498.07	0.693	* 0.000	5.00	25.728	17.83	748.8	0.0	3,158.8
53.00	Top - Section 1	1.00	0.82	24.257	26.68	495.86	0.697	* 0.000	3.00	15.181	10.59	451.9	0.0	1,863.5
55.00		1.00	0.83	24.515	26.96	500.59	0.697	* 0.000	2.00	10.015	6.98	301.1	0.0	571.5
60.00		1.00	0.85	25.132	27.64	496.03	0.700	* 0.000	5.00	24.664	17.28	764.1	0.0	1,407.4
65.00		1.00	0.87	25.713	28.28	490.80	0.706	* 0.000	5.00	24.132	17.03	770.8	0.0	1,376.9
70.00		1.00	0.89	26.263	28.89	484.97	0.711	* 0.000	5.00	23.600	16.79	776.2	0.0	1,346.4
75.00		1.00	0.91	26.786	29.46	478.61	0.717	* 0.000	5.00	23.069	16.55	780.2	0.0	1,315.8
80.00		1.00	0.92	27.285	30.01	471.78	0.724	* 0.000	5.00	22.537	16.31	783.1	0.0	1,285.3
85.00		1.00	0.94	27.761	30.53	464.52	0.730	* 0.000	5.00	22.005	16.07	785.0	0.0	1,254.7
90.00		1.00	0.95	28.219	31.04	456.87	0.737	* 0.000	5.00	21.473	15.82	785.9	0.0	1,224.2
91.42	Bot - Section 3	1.00	0.96	28.345	31.17	454.64	0.741	* 0.000	1.42	5.987	4.44	221.5	0.0	341.3
95.00		1.00	0.97	28.658	31.52	448.87	0.745	* 0.000	3.58	15.143	11.28	569.1	0.0	1,572.6
98.00	Top - Section 2	1.00	0.98	28.913	31.80	443.91	0.750	* 0.000	3.00	12.468	9.35	475.9	0.0	1,294.5
100.00		1.00	0.98	29.081	31.98	446.32	0.750	* 0.000	2.00	8.206	6.15	315.0	0.0	390.2
105.00		1.00	1.00	29.489	32.43	437.73	0.756	* 0.000	5.00	20.142	15.22	789.8	0.0	957.7
110.00		1.00	1.01	29.884	32.87	428.86	0.764	* 0.000	5.00	19.610	14.98	787.6	0.0	932.3
115.00		1.00	1.02	30.266	33.29	419.72	0.772	* 0.000	5.00	19.078	14.73	784.8	0.0	906.8
116.00	Appertunance(s)	1.00	1.03	30.341	33.37	417.87	0.778	* 0.000	1.00	3.752	2.92	155.8	0.0	178.3
118.00	Appertunance(s)	1.00	1.03	30.489	33.53	414.13	0.780	* 0.000	2.00	7.440	5.81	311.6	0.0	353.6
120.00		1.00	1.04	30.636	33.69	410.35	0.650	0.000	2.00	7.355	4.78	257.8	0.0	349.5
125.00		1.00	1.05	30.995	34.09	400.74	0.652	* 0.000	5.00	18.015	11.74	640.4	0.0	855.9
128.00	Appertunance(s)	1.00	1.06	31.206	34.32	394.87	0.656	* 0.000	3.00	10.554	6.93	380.5	0.0	501.3
130.00		1.00	1.06	31.345	34.47	390.91	0.650	0.000	2.00	6.929	4.50	248.5	0.0	329.1
135.00	Appertunance(s)	1.00	1.07	31.684	34.85	380.89	0.650	0.000	5.00	16.951	11.02	614.4	0.0	805.0
139.30	Bot - Section 4	1.00	1.08	31.972	35.16	372.04	0.650	0.000	4.33	14.261	9.27	521.6	0.0	677.1
140.00		1.00	1.08	32.015	35.21	370.67	0.650	0.000	0.67	2.187	1.42	80.1	0.0	185.7
144.40	Top - Section 3	1.00	1.09	32.301	35.53	361.49	0.650	0.000	4.42	14.248	9.26	526.5	0.0	1,209.4
145.00		1.00	1.09	32.338	35.57	365.14	0.650	0.000	0.58	1.851	1.20	68.5	0.0	70.4
148.00	Appertunance(s)	1.00	1.10	32.528	35.78	358.83	0.650	0.000	3.00	9.404	6.11	349.9	0.0	357.6
150.00		1.00	1.11	32.653	35.91	354.59	0.650	0.000	2.00	6.163	4.01	230.2	0.0	234.4
155.00		1.00	1.12	32.960	36.25	343.87	0.650	0.000	5.00	15.035	9.77	566.9	0.0	571.6
160.00	Appertunance(s)	1.00	1.13	33.260	36.58	333.00	0.650	0.000	5.00	14.503	9.43	551.9	0.0	551.3
165.00		1.00	1.14	33.554	36.91	321.97	0.650	0.000	5.00	13.972	9.08	536.3	0.0	530.9
170.00		1.00	1.15	33.842	37.22	310.80	0.650	0.000	5.00	13.440	8.74	520.3	0.0	510.6
171.00	Appertunance(s)	1.00	1.15	33.898	37.28	308.55	0.650	0.000	1.00	2.624	1.71	101.8	0.0	99.7
175.00		1.00	1.16	34.123	37.53	299.49	0.650	0.000	4.00	10.284	6.68	401.4	0.0	390.5
178.50	Appertunance(s)	1.00	1.16	34.317	37.74	291.49	0.650	0.000	3.50	8.719	5.67	342.3	0.0	331.0
* = Cf Adjusted By Linear Load Ra Effect								Totals:	178.50			24,607.8	0.0	47,108.5

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
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1/16/2014 11:31:24 AM
 Page : 5

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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 23 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

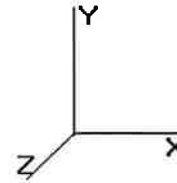
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
20.00	PCTEL GPS-TMG-HR-	1	20.599	22.659	1.00	1.00	0.09	0.000	0.000	3.26	0.00	0.00	0.72
20.00	Standoff	1	20.599	22.659	1.00	1.00	1.63	0.000	0.000	59.09	0.00	0.00	48.00
116.0	Alcatel-Lucent 800 M	3	30.341	33.375	0.67	0.80	3.43	0.000	0.000	182.90	0.00	0.00	190.80
116.0	Alcatel-Lucent 1900	3	30.341	33.375	0.67	0.80	3.73	0.000	0.000	199.21	0.00	0.00	216.00
118.0	Andrew DB980H90R-	6	30.489	33.538	0.79	0.80	14.41	0.000	0.000	773.23	0.00	0.00	61.20
118.0	Round Low Profile PI	1	30.489	33.538	1.00	1.00	21.70	0.000	0.000	1,164.44	0.00	0.00	1,800.00
118.0	RFS APXVSP18-C-	3	30.489	33.538	0.83	0.80	15.98	0.000	0.000	857.28	0.00	0.00	205.20
128.0	RFS APXV18-206517S-	3	31.206	34.327	0.80	1.00	12.41	0.000	0.000	681.48	0.00	0.00	95.04
135.0	Antel BXA-70063-6CF-	3	31.884	35.072	0.77	0.80	13.99	0.000	3.000	785.03	0.00	2,355.08	61.20
135.0	RFS FD9R6004/2C-3L	6	31.884	35.072	0.50	0.80	0.89	0.000	3.000	49.83	0.00	149.49	18.72
135.0	Antel BXA-80063-6BF-	3	31.884	35.072	0.78	0.80	13.59	0.000	3.000	762.66	0.00	2,287.97	69.12
135.0	Antel BXA-171063-8BF	3	31.884	35.072	0.87	0.80	6.14	0.000	3.000	344.48	0.00	1,033.44	37.80
135.0	Alcatel-Lucent RRH2x	3	31.884	35.072	0.67	0.80	3.49	0.000	3.000	196.07	0.00	588.21	158.40
135.0	RFS DB-T1-6Z-8AB-0Z	1	31.884	35.072	1.00	0.80	3.84	0.000	3.000	215.48	0.00	646.45	52.80
135.0	Alcatel-Lucent RRH2x	3	31.884	35.072	0.67	0.80	3.41	0.000	3.000	191.30	0.00	573.89	180.00
135.0	Round Low Profile PI	1	31.684	34.853	1.00	1.00	21.70	0.000	0.000	1,210.09	0.00	0.00	1,800.00
135.0	Antel BXA-171063-12B	3	31.884	35.072	0.88	0.80	9.99	0.000	3.000	560.58	0.00	1,681.75	54.00
148.0	Ericsson KRY 112 144	3	32.528	35.780	0.50	0.80	0.49	0.000	0.000	28.17	0.00	0.00	39.60
148.0	Ericsson AIR 21, 1.3	3	32.528	35.780	0.86	0.80	12.49	0.000	0.000	714.88	0.00	0.00	298.80
148.0	Ericsson AIR 21, 1.3	3	32.528	35.780	0.85	0.80	12.42	0.000	0.000	711.24	0.00	0.00	293.40
148.0	T-Arm w/ Working Pla	3	32.528	35.780	0.67	0.75	19.45	0.000	0.000	1,113.30	0.00	0.00	900.00
160.0	Powerwave 7020	3	33.260	36.586	0.33	0.75	0.30	0.000	0.000	17.39	0.00	0.00	7.92
160.0	14" x 9" TTA	6	33.260	36.586	0.33	0.75	1.56	0.000	0.000	91.28	0.00	0.00	72.00
160.0	Raycap DC6-48-60-18-	3	33.260	36.586	1.00	0.75	2.50	0.000	0.000	146.20	0.00	0.00	72.00
160.0	CCI	3	33.260	36.586	0.50	0.75	1.54	0.000	0.000	90.22	0.00	0.00	69.12
160.0	Ericsson RRUS A2	6	33.260	36.586	0.67	0.75	6.21	0.000	0.000	363.58	0.00	0.00	158.40
160.0	Ericsson RRUS 11	6	33.260	36.586	0.67	0.75	8.41	0.000	0.000	492.42	0.00	0.00	365.04
160.0	Ericsson RRUS-12 B2	6	33.260	36.586	0.67	0.75	9.50	0.000	0.000	555.95	0.00	0.00	417.60
160.0	Ericsson RRUS E2 B29	3	33.260	36.586	0.67	0.75	4.75	0.000	0.000	277.98	0.00	0.00	216.00
160.0	Ericsson RRUS-32	3	33.260	36.586	0.67	0.75	4.99	0.000	0.000	292.10	0.00	0.00	277.20
160.0	Powerwave 7770.00	3	33.260	36.586	0.77	0.75	9.55	0.000	0.000	558.81	0.00	0.00	126.00
160.0	CCI HPA-65R-BUU-H6	9	33.260	36.586	0.83	0.75	54.12	0.000	0.000	3,168.10	0.00	0.00	550.80
160.0	Round Platform w/ Ha	1	33.260	36.586	1.00	1.00	27.20	0.000	0.000	1,592.24	0.00	0.00	2,400.00
171.0	Side Arms	1	33.898	37.288	1.00	1.00	8.50	0.000	0.000	507.12	0.00	0.00	672.00
171.0	DragonWave A-ANT-	1	33.898	37.288	1.00	0.80	3.75	0.000	0.000	223.85	0.00	0.00	32.40
171.0	NextNet BTS-2500	3	33.898	37.288	0.50	0.80	2.18	0.000	0.000	130.30	0.00	0.00	126.00
171.0	Argus LLPX310R	3	33.898	37.288	0.73	0.80	7.52	0.000	0.000	448.42	0.00	0.00	102.96
171.0	DragonWave Horizon	2	33.898	37.288	0.33	0.80	0.23	0.000	0.000	13.55	0.00	0.00	25.44
171.0	DragonWave A-ANT-	1	33.898	37.288	1.00	0.80	3.75	0.000	0.000	223.85	0.00	0.00	32.52
178.5	72" x 12" Panel	3	34.453	37.899	0.79	0.80	15.41	0.000	2.500	934.70	0.00	2,336.75	162.00
178.5	48" x 12" Panel	9	34.453	37.899	0.78	0.80	28.47	0.000	2.500	1,726.54	0.00	4,316.36	324.00
178.5	Flat Low Profile Pla	1	34.317	37.748	1.00	1.00	26.10	0.000	0.000	1,576.37	0.00	0.00	1,800.00
										24,234.92			14,590.20

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:24 AM
 Page: 6



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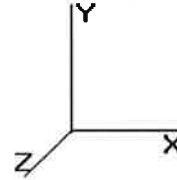
Load Case: 1.2D + 1.6W	110.00 mph with No Ice	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
5.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.103	1.008	0.00	1.80
5.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.103	1.008	0.00	43.80
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.103	1.008	0.00	29.52
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.103	1.008	0.00	29.52
5.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.103	1.008	0.00	22.68
5.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.103	1.008	0.00	18.00
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.103	1.008	0.00	0.90
10.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.105	1.014	0.00	1.80
10.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.105	1.014	0.00	43.80
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.105	1.014	0.00	29.52
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.105	1.014	0.00	29.52
10.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.105	1.014	0.00	22.68
10.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.105	1.014	0.00	18.00
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.105	1.014	0.00	0.90
15.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.107	1.020	0.00	1.80
15.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.107	1.020	0.00	43.80
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.107	1.020	0.00	29.52
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.107	1.020	0.00	29.52
15.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.107	1.020	0.00	22.68
15.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.107	1.020	0.00	18.00
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.107	1.020	0.00	0.90
20.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.109	1.026	0.00	1.80
20.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.109	1.026	0.00	43.80
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.109	1.026	0.00	29.52
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.109	1.026	0.00	29.52
20.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.109	1.026	0.00	22.68
20.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.109	1.026	0.00	18.00
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.109	1.026	0.00	0.90
25.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.111	1.032	0.00	1.80
25.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.111	1.032	0.00	43.80
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.111	1.032	0.00	29.52
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.111	1.032	0.00	29.52
25.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.111	1.032	0.00	22.68
25.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.111	1.032	0.00	18.00
30.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.616	0.113	1.038	0.00	1.80
30.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.616	0.113	1.038	0.00	43.80
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.616	0.113	1.038	0.00	29.52
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.616	0.113	1.038	0.00	29.52
30.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.616	0.113	1.038	0.00	22.68
30.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.616	0.113	1.038	0.00	18.00
35.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.545	0.115	1.045	0.00	1.80
35.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	21.545	0.115	1.045	0.00	43.80
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.545	0.115	1.045	0.00	29.52
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	21.545	0.115	1.045	0.00	29.52
35.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	21.545	0.115	1.045	0.00	22.68
35.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	21.545	0.115	1.045	0.00	18.00
40.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.383	0.117	1.052	0.00	1.80
40.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	22.383	0.117	1.052	0.00	43.80
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.383	0.117	1.052	0.00	29.52
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	22.383	0.117	1.052	0.00	29.52
40.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	22.383	0.117	1.052	0.00	22.68

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:24 AM
 Page: 7

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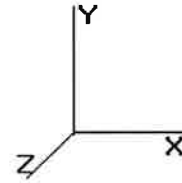
Load Case: 1.2D + 1.6W 110.00 mph with No Ice 23 Iterations
Gust Response Factor: 1.10 **Wind Importance Factor:** 1.00
Dead Load Factor: 1.20
Wind Load Factor: 1.60

40.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	22.383	0.117	1.052	0.00	18.00
45.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.149	0.120	1.059	0.00	1.80
45.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	23.149	0.120	1.059	0.00	43.80
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.149	0.120	1.059	0.00	29.52
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	23.149	0.120	1.059	0.00	29.52
45.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	23.149	0.120	1.059	0.00	22.68
45.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	23.149	0.120	1.059	0.00	18.00
50.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.856	0.122	1.066	0.00	1.80
50.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	23.856	0.122	1.066	0.00	43.80
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.856	0.122	1.066	0.00	29.52
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	23.856	0.122	1.066	0.00	29.52
50.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	23.856	0.122	1.066	0.00	22.68
50.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	23.856	0.122	1.066	0.00	18.00
53.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	24.257	0.124	1.073	0.00	1.08
53.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	24.257	0.124	1.073	0.00	26.28
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	24.257	0.124	1.073	0.00	17.71
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	24.257	0.124	1.073	0.00	17.71
53.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	0.39	0.00	24.257	0.124	1.073	0.00	13.61
53.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	0.38	0.00	24.257	0.124	1.073	0.00	10.80
55.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.515	0.124	1.072	0.00	0.72
55.00	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	24.515	0.124	1.072	0.00	17.52
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.515	0.124	1.072	0.00	11.81
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	24.515	0.124	1.072	0.00	11.81
55.00	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	24.515	0.124	1.072	0.00	9.07
55.00	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	24.515	0.124	1.072	0.00	7.20
60.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.132	0.126	1.078	0.00	1.80
60.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	25.132	0.126	1.078	0.00	43.80
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.132	0.126	1.078	0.00	29.52
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	25.132	0.126	1.078	0.00	29.52
60.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	25.132	0.126	1.078	0.00	22.68
60.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	25.132	0.126	1.078	0.00	18.00
65.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.713	0.129	1.086	0.00	1.80
65.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	25.713	0.129	1.086	0.00	43.80
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.713	0.129	1.086	0.00	29.52
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	25.713	0.129	1.086	0.00	29.52
65.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	25.713	0.129	1.086	0.00	22.68
65.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	25.713	0.129	1.086	0.00	18.00
70.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.263	0.132	1.095	0.00	1.80
70.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	26.263	0.132	1.095	0.00	43.80
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.263	0.132	1.095	0.00	29.52
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	26.263	0.132	1.095	0.00	29.52
70.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	26.263	0.132	1.095	0.00	22.68
70.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	26.263	0.132	1.095	0.00	18.00
75.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.786	0.135	1.104	0.00	1.80
75.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	26.786	0.135	1.104	0.00	43.80
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.786	0.135	1.104	0.00	29.52
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	26.786	0.135	1.104	0.00	29.52
75.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	26.786	0.135	1.104	0.00	22.68
75.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	26.786	0.135	1.104	0.00	18.00
80.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.285	0.138	1.113	0.00	1.80
80.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	27.285	0.138	1.113	0.00	43.80
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.285	0.138	1.113	0.00	29.52
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	27.285	0.138	1.113	0.00	29.52
80.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	27.285	0.138	1.113	0.00	22.68
80.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	27.285	0.138	1.113	0.00	18.00
85.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.761	0.141	1.123	0.00	1.80
85.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	27.761	0.141	1.123	0.00	43.80

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:24 AM
 Page: 8



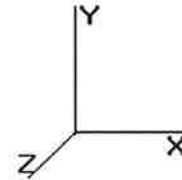
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Load Case: 1.2D + 1.6W	110.00 mph with No Ice	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.761	0.141	1.123	0.00	29.52
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	27.761	0.141	1.123	0.00	29.52
85.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	27.761	0.141	1.123	0.00	22.68
85.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	27.761	0.141	1.123	0.00	18.00
90.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.219	0.145	1.134	0.00	1.80
90.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	28.219	0.145	1.134	0.00	43.80
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.219	0.145	1.134	0.00	29.52
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	28.219	0.145	1.134	0.00	29.52
90.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	28.219	0.145	1.134	0.00	22.68
90.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	28.219	0.145	1.134	0.00	18.00
91.42	(2) 1/2" Coax	Yes	1.42	0.000	0.00	0.00	0.00	28.345	0.147	1.141	0.00	0.51
91.42	(2) 2" Conduit	Yes	1.42	0.000	2.38	0.28	0.00	28.345	0.147	1.141	0.00	12.41
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	0.00	0.00	0.00	28.345	0.147	1.141	0.00	8.36
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	1.98	0.23	0.00	28.345	0.147	1.141	0.00	8.36
91.42	(6) 1 1/4" Coax	Yes	1.42	0.000	1.55	0.18	0.00	28.345	0.147	1.141	0.00	6.43
91.42	(3) 1 1/4" Hybriflex	Yes	1.42	0.000	1.54	0.18	0.00	28.345	0.147	1.141	0.00	5.10
95.00	(2) 1/2" Coax	Yes	3.58	0.000	0.00	0.00	0.00	28.658	0.149	1.146	0.00	1.29
95.00	(2) 2" Conduit	Yes	3.58	0.000	2.38	0.71	0.00	28.658	0.149	1.146	0.00	31.39
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	0.00	0.00	0.00	28.658	0.149	1.146	0.00	21.15
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	1.98	0.59	0.00	28.658	0.149	1.146	0.00	21.15
95.00	(6) 1 1/4" Coax	Yes	3.58	0.000	1.55	0.46	0.00	28.658	0.149	1.146	0.00	16.25
95.00	(3) 1 1/4" Hybriflex	Yes	3.58	0.000	1.54	0.46	0.00	28.658	0.149	1.146	0.00	12.90
98.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	28.913	0.151	1.154	0.00	1.08
98.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	28.913	0.151	1.154	0.00	26.28
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	28.913	0.151	1.154	0.00	17.71
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	28.913	0.151	1.154	0.00	17.71
98.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	0.39	0.00	28.913	0.151	1.154	0.00	13.61
98.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	0.38	0.00	28.913	0.151	1.154	0.00	10.80
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.151	1.154	0.00	0.72
100.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	29.081	0.151	1.154	0.00	17.52
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.151	1.154	0.00	11.81
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	29.081	0.151	1.154	0.00	11.81
100.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	29.081	0.151	1.154	0.00	9.07
100.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	29.081	0.151	1.154	0.00	7.20
105.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.489	0.154	1.162	0.00	1.80
105.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	29.489	0.154	1.162	0.00	43.80
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.489	0.154	1.162	0.00	29.52
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	29.489	0.154	1.162	0.00	29.52
105.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	29.489	0.154	1.162	0.00	22.68
105.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	29.489	0.154	1.162	0.00	18.00
110.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.884	0.158	1.175	0.00	1.80
110.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	29.884	0.158	1.175	0.00	43.80
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.884	0.158	1.175	0.00	29.52
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	29.884	0.158	1.175	0.00	29.52
110.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	29.884	0.158	1.175	0.00	22.68
110.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	29.884	0.158	1.175	0.00	18.00
115.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.266	0.163	1.188	0.00	1.80
115.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	30.266	0.163	1.188	0.00	43.80
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.266	0.163	1.188	0.00	29.52
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	30.266	0.163	1.188	0.00	29.52
115.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	30.266	0.163	1.188	0.00	22.68
115.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	30.266	0.163	1.188	0.00	18.00
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.165	1.196	0.00	0.36
116.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	30.341	0.165	1.196	0.00	8.76
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.165	1.196	0.00	5.90
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.98	0.17	0.00	30.341	0.165	1.196	0.00	5.90
116.0	(6) 1 1/4" Coax	Yes	1.00	0.000	1.55	0.13	0.00	30.341	0.165	1.196	0.00	4.54

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:24 AM
 Page: 9

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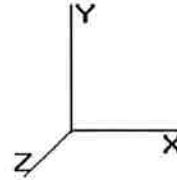
Load Case: 1.2D + 1.6W	110.00 mph with No Ice	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

116.0	(3) 1 1/4" Hybriflex	Yes	1.00	0.000	1.54	0.13	0.00	30.341	0.165	1.196	0.00	3.60
118.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.489	0.167	1.201	0.00	0.72
118.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.489	0.167	1.201	0.00	17.52
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.489	0.167	1.201	0.00	11.81
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	30.489	0.167	1.201	0.00	11.81
118.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	30.489	0.167	1.201	0.00	9.07
118.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	30.489	0.167	1.201	0.00	7.20
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.099	0.000	0.00	0.72
120.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.636	0.099	0.000	0.00	17.52
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.099	0.000	0.00	11.81
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	30.636	0.099	0.000	0.00	11.81
125.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.995	0.101	1.003	0.00	1.80
125.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	30.995	0.101	1.003	0.00	43.80
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.995	0.101	1.003	0.00	29.52
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	30.995	0.101	1.003	0.00	29.52
128.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	31.206	0.103	1.010	0.00	1.08
128.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	31.206	0.103	1.010	0.00	26.28
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	31.206	0.103	1.010	0.00	17.71
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	31.206	0.103	1.010	0.00	17.71
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.057	0.000	0.00	0.72
130.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	31.345	0.057	0.000	0.00	17.52
130.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.057	0.000	0.00	11.81
135.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	31.684	0.059	0.000	0.00	1.80
135.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	31.684	0.059	0.000	0.00	43.80
135.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	31.684	0.059	0.000	0.00	29.52
139.3	(2) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	31.972	0.060	0.000	0.00	1.56
139.3	(2) 2" Conduit	Yes	4.33	0.000	2.38	0.86	0.00	31.972	0.060	0.000	0.00	37.96
140.0	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	32.015	0.061	0.000	0.00	0.24
140.0	(2) 2" Conduit	Yes	0.67	0.000	2.38	0.13	0.00	32.015	0.061	0.000	0.00	5.84
144.4	(2) 1/2" Coax	Yes	4.42	0.000	0.00	0.00	0.00	32.301	0.062	0.000	0.00	1.59
144.4	(2) 2" Conduit	Yes	4.42	0.000	2.38	0.88	0.00	32.301	0.062	0.000	0.00	38.69
145.0	(2) 1/2" Coax	Yes	0.58	0.000	0.00	0.00	0.00	32.338	0.063	0.000	0.00	0.21
145.0	(2) 2" Conduit	Yes	0.58	0.000	2.38	0.12	0.00	32.338	0.063	0.000	0.00	5.11
148.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	32.528	0.063	0.000	0.00	1.08
148.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	32.528	0.063	0.000	0.00	26.28
150.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.653	0.064	0.000	0.00	0.72
150.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.653	0.064	0.000	0.00	17.52
155.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	32.960	0.066	0.000	0.00	1.80
155.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	32.960	0.066	0.000	0.00	43.80
160.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	33.260	0.068	0.000	0.00	1.80
160.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	33.260	0.068	0.000	0.00	43.80
165.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	33.554	0.071	0.000	0.00	1.80
165.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	33.554	0.071	0.000	0.00	43.80
170.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	33.842	0.074	0.000	0.00	1.80
170.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	33.842	0.074	0.000	0.00	43.80
171.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.898	0.076	0.000	0.00	0.36
171.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.898	0.076	0.000	0.00	8.76
Totals:											0.00	4,075.65

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:25 AM
 Page: 10



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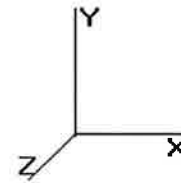
Load Case: 1.2D + 1.6W 110.00 mph with No Ice 23 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	717.57	2,422.62	0.00	0.00
10.00	708.80	2,386.99	0.00	0.00
15.00	700.02	2,351.35	0.00	0.00
20.00	753.61	2,364.43	0.00	0.00
25.00	682.48	2,279.18	0.00	0.00
30.00	674.28	2,243.54	0.00	0.00
35.00	695.46	2,207.91	0.00	0.00
40.00	712.97	2,172.27	0.00	0.00
45.00	727.52	2,136.63	0.00	0.00
50.00	748.83	3,569.53	0.00	0.00
53.00	451.91	2,109.95	0.00	0.00
55.00	301.07	735.83	0.00	0.00
60.00	764.12	1,818.19	0.00	0.00
65.00	770.84	1,787.64	0.00	0.00
70.00	776.15	1,757.09	0.00	0.00
75.00	780.20	1,726.55	0.00	0.00
80.00	783.10	1,696.00	0.00	0.00
85.00	784.95	1,665.46	0.00	0.00
90.00	785.86	1,634.91	0.00	0.00
91.42	221.46	457.67	0.00	0.00
95.00	569.10	1,866.95	0.00	0.00
98.00	475.89	1,540.91	0.00	0.00
100.0	315.02	554.50	0.00	0.00
105.0	789.81	1,368.44	0.00	0.00
110.0	787.65	1,342.99	0.00	0.00
115.0	784.83	1,317.53	0.00	0.00
116.0	537.91	667.25	0.00	0.00
118.0	3,106.52	2,584.25	0.00	0.00
120.0	257.77	497.51	0.00	0.00
125.0	640.39	1,225.95	0.00	0.00
128.0	1,061.95	818.39	0.00	0.00
130.0	248.47	465.34	0.00	0.00
135.0	4,929.94	3,577.56	0.00	9,316.28
139.3	521.60	895.45	0.00	0.00
140.0	80.09	219.25	0.00	0.00
144.4	526.50	1,431.98	0.00	0.00
145.0	68.47	99.79	0.00	0.00
148.0	2,917.52	2,040.64	0.00	0.00
150.0	230.22	309.14	0.00	0.00
155.0	566.92	758.60	0.00	0.00
160.0	8,198.10	5,470.32	0.00	0.00
165.0	536.31	637.17	0.00	0.00
170.0	520.32	616.81	0.00	0.00
171.0	1,648.84	1,112.24	0.00	0.00
175.0	401.45	437.75	0.00	0.00
178.5	4,579.91	2,658.34	0.00	6,653.11
Totals:	48,842.69	74,038.83	0.00	15,969.38

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:25 AM
 Page: 11

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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 23 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

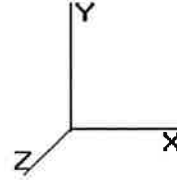
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-73.98	-48.93	0.00	-6,018.08	0.00	6,018.08	6,164.54	3,082.27	18,158.3	9,092.69	0.00	0.00	0.674
5.00	-71.45	-48.37	0.00	-5,773.44	0.00	5,773.44	6,108.61	3,054.31	17,675.6	8,850.97	0.07	-0.13	-0.664
10.00	-68.95	-47.82	0.00	-5,531.58	0.00	5,531.58	6,050.81	3,025.41	17,193.4	8,609.50	0.28	-0.26	0.654
15.00	-66.50	-47.26	0.00	-5,292.51	0.00	5,292.51	5,991.14	2,995.57	16,712.0	8,368.43	0.63	-0.40	0.644
20.00	-64.03	-46.64	0.00	-5,056.23	0.00	5,056.23	5,929.59	2,964.80	16,231.6	8,127.91	1.11	-0.53	0.633
25.00	-61.65	-46.08	0.00	-4,823.05	0.00	4,823.05	5,866.18	2,933.09	15,752.7	7,888.07	1.74	-0.67	0.622
30.00	-59.30	-45.52	0.00	-4,592.67	0.00	4,592.67	5,800.89	2,900.44	15,275.4	7,649.08	2.51	-0.80	0.611
35.00	-57.00	-44.93	0.00	-4,365.10	0.00	4,365.10	5,733.73	2,866.86	14,800.1	7,411.07	3.43	-0.94	0.599
40.00	-54.73	-44.31	0.00	-4,140.47	0.00	4,140.47	5,664.70	2,832.35	14,327.0	7,174.19	4.49	-1.08	0.587
45.00	-52.50	-43.67	0.00	-3,918.94	0.00	3,918.94	5,593.79	2,796.90	13,856.5	6,938.58	5.70	-1.22	0.574
50.00	-48.86	-42.93	0.00	-3,700.61	0.00	3,700.61	5,521.02	2,760.51	13,388.9	6,704.40	7.06	-1.36	0.561
53.00	-46.71	-42.49	0.00	-3,571.80	0.00	3,571.80	4,440.13	2,220.06	10,789.7	5,402.88	7.94	-1.45	0.672
55.00	-45.90	-42.26	0.00	-3,486.83	0.00	3,486.83	4,419.76	2,209.88	10,648.2	5,332.01	8.56	-1.51	0.665
60.00	-43.99	-41.57	0.00	-3,275.54	0.00	3,275.54	4,367.53	2,183.77	10,295.0	5,155.16	10.23	-1.67	0.646
65.00	-42.11	-40.86	0.00	-3,067.72	0.00	3,067.72	4,313.43	2,156.72	9,942.96	4,978.87	12.06	-1.83	0.626
70.00	-40.27	-40.14	0.00	-2,863.43	0.00	2,863.43	4,257.46	2,128.73	9,592.32	4,803.29	14.06	-1.99	0.606
75.00	-38.47	-39.40	0.00	-2,662.76	0.00	2,662.76	4,199.61	2,099.81	9,243.38	4,628.56	16.22	-2.14	0.585
80.00	-36.70	-38.65	0.00	-2,465.75	0.00	2,465.75	4,139.90	2,069.95	8,896.44	4,454.83	18.56	-2.30	0.563
85.00	-34.96	-37.90	0.00	-2,272.49	0.00	2,272.49	4,078.31	2,039.15	8,551.80	4,282.26	21.05	-2.46	0.540
90.00	-33.30	-37.10	0.00	-2,083.02	0.00	2,083.02	4,014.84	2,007.42	8,209.74	4,110.97	23.71	-2.62	0.515
91.42	-32.80	-36.90	0.00	-2,030.47	0.00	2,030.47	3,996.52	1,998.26	8,113.33	4,062.70	24.50	-2.66	0.508
95.00	-30.90	-36.30	0.00	-1,898.25	0.00	1,898.25	3,949.51	1,974.76	7,870.56	3,941.13	26.54	-2.77	0.490
98.00	-29.34	-35.78	0.00	-1,789.37	0.00	1,789.37	3,056.80	1,528.40	6,090.92	3,049.99	28.31	-2.86	0.597
100.00	-28.73	-35.50	0.00	-1,717.80	0.00	1,717.80	3,039.33	1,519.67	5,992.84	3,000.87	29.52	-2.92	0.582
105.00	-27.30	-34.72	0.00	-1,540.31	0.00	1,540.31	2,994.36	1,497.18	5,748.30	2,878.42	32.67	-3.09	0.545
110.00	-25.91	-33.93	0.00	-1,366.72	0.00	1,366.72	2,947.52	1,473.76	5,504.94	2,756.56	36.00	-3.25	0.505
115.00	-24.59	-33.11	0.00	-1,197.08	0.00	1,197.08	2,898.80	1,449.40	5,263.06	2,635.44	39.49	-3.41	0.463
116.00	-23.93	-32.55	0.00	-1,163.98	0.00	1,163.98	2,888.83	1,444.42	5,214.89	2,611.32	40.20	-3.44	0.455
118.00	-21.51	-29.32	0.00	-1,098.88	0.00	1,098.88	2,868.67	1,434.34	5,118.76	2,563.19	41.66	-3.50	0.437
120.00	-20.97	-29.06	0.00	-1,040.25	0.00	1,040.25	2,848.21	1,424.11	5,022.95	2,515.21	43.14	-3.56	0.421
125.00	-19.74	-28.39	0.00	-894.93	0.00	894.93	2,795.75	1,397.88	4,784.90	2,396.01	46.94	-3.70	0.381
128.00	-18.96	-27.29	0.00	-809.77	0.00	809.77	2,763.38	1,381.69	4,643.19	2,325.05	49.29	-3.78	0.356
130.00	-18.47	-27.04	0.00	-755.19	0.00	755.19	2,741.42	1,370.71	4,549.21	2,277.99	50.88	-3.83	0.339
135.00	-15.20	-21.91	0.00	-610.66	0.00	610.66	2,685.21	1,342.61	4,316.17	2,161.29	54.96	-3.95	0.288
139.33	-14.32	-21.34	0.00	-515.72	0.00	515.72	2,634.99	1,317.49	4,116.57	2,061.34	58.59	-4.04	0.256
140.00	-14.09	-21.26	0.00	-501.49	0.00	501.49	2,627.14	1,313.57	4,086.07	2,046.07	59.15	-4.06	0.251
144.42	-12.68	-20.64	0.00	-407.61	0.00	407.61	1,915.99	957.99	2,941.41	1,472.89	62.95	-4.14	0.284
145.00	-12.57	-20.57	0.00	-395.57	0.00	395.57	1,911.69	955.84	2,923.20	1,463.77	63.45	-4.15	0.277
148.00	-10.74	-17.52	0.00	-333.85	0.00	333.85	1,889.17	944.59	2,829.77	1,416.99	66.08	-4.21	0.242
150.00	-10.43	-17.28	0.00	-298.81	0.00	298.81	1,873.79	936.89	2,767.71	1,385.91	67.85	-4.25	0.222
155.00	-9.69	-16.67	0.00	-212.41	0.00	212.41	1,834.01	917.01	2,613.49	1,308.69	72.34	-4.33	0.168
160.00	-4.86	-8.08	0.00	-129.06	0.00	129.06	1,792.37	896.18	2,460.85	1,232.25	76.90	-4.39	0.108
165.00	-4.26	-7.50	0.00	-88.64	0.00	88.64	1,748.85	874.42	2,310.07	1,156.75	81.52	-4.43	0.079
170.00	-3.68	-6.94	0.00	-51.13	0.00	51.13	1,703.46	851.73	2,161.44	1,082.33	86.17	-4.46	0.049
171.00	-2.70	-5.21	0.00	-44.19	0.00	44.19	1,694.16	847.08	2,132.00	1,067.58	87.10	-4.46	0.043
175.00	-2.29	-4.77	0.00	-23.36	0.00	23.36	1,656.20	828.10	2,015.26	1,009.13	90.84	-4.47	0.025
178.50	0.00	-4.58	0.00	-6.65	0.00	6.65	1,622.00	811.00	1,914.55	958.70	94.12	-4.48	0.007

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:25 AM
 Page: 12



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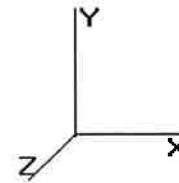
Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 23 Iterations
Gust Response Factor: 1.10 **Wind Importance Factor:** 1.00
Dead Load Factor: 0.90
Wind Load Factor: 1.60

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	20.599	22.65	560.71	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	20.599	22.65	550.92	0.650	* 0.000	5.00	30.197	19.63	711.6	0.0	1,508.2
10.00		1.00	0.70	20.599	22.65	541.13	0.650	* 0.000	5.00	29.665	19.28	699.1	0.0	1,481.5
15.00		1.00	0.70	20.599	22.65	531.34	0.650	* 0.000	5.00	29.133	18.94	686.5	0.0	1,454.8
20.00	Appertunance(s)	1.00	0.70	20.599	22.65	521.55	0.650	* 0.000	5.00	28.601	18.59	674.0	0.0	1,428.1
25.00		1.00	0.70	20.599	22.65	511.76	0.650	* 0.000	5.00	28.070	18.25	661.5	0.0	1,401.3
30.00		1.00	0.70	20.616	22.67	502.19	0.650	* 0.000	5.00	27.538	17.90	649.5	0.0	1,374.6
35.00		1.00	0.73	21.545	23.69	503.36	0.650	* 0.000	5.00	27.006	17.55	665.6	0.0	1,347.9
40.00		1.00	0.76	22.383	24.62	502.85	0.650	* 0.000	5.00	26.474	17.21	677.9	0.0	1,321.1
45.00	Bot - Section 2	1.00	0.78	23.149	25.46	501.00	0.650	* 0.000	5.00	25.942	16.86	687.0	0.0	1,294.4
50.00		1.00	0.81	23.856	26.24	498.07	0.650	* 0.000	5.00	25.728	16.72	702.1	0.0	1,269.1
53.00	Top - Section 1	1.00	0.82	24.257	26.68	495.86	0.650	* 0.000	3.00	15.181	9.87	421.3	0.0	1,397.6
55.00		1.00	0.83	24.515	26.96	500.59	0.650	* 0.000	2.00	10.015	6.51	280.9	0.0	428.6
60.00		1.00	0.85	25.132	27.64	496.03	0.650	* 0.000	5.00	24.664	16.03	709.1	0.0	1,055.6
65.00		1.00	0.87	25.713	28.28	490.80	0.650	* 0.000	5.00	24.132	15.69	709.9	0.0	1,032.7
70.00		1.00	0.89	26.263	28.89	484.97	0.650	* 0.000	5.00	23.600	15.34	709.1	0.0	1,009.8
75.00		1.00	0.91	26.786	29.46	478.61	0.650	* 0.000	5.00	23.069	14.99	706.9	0.0	986.9
80.00		1.00	0.92	27.285	30.01	471.78	0.650	* 0.000	5.00	22.537	14.65	703.5	0.0	963.9
85.00		1.00	0.94	27.761	30.53	464.52	0.650	* 0.000	5.00	22.005	14.30	698.9	0.0	941.0
90.00		1.00	0.95	28.219	31.04	456.87	0.650	* 0.000	5.00	21.473	13.96	693.2	0.0	918.1
91.42	Bot - Section 3	1.00	0.96	28.345	31.17	454.64	0.650	* 0.000	1.42	5.987	3.89	194.1	0.0	256.0
95.00		1.00	0.97	28.658	31.52	448.87	0.650	* 0.000	3.58	15.143	9.84	496.5	0.0	1,179.4
98.00	Top - Section 2	1.00	0.98	28.913	31.80	443.91	0.650	* 0.000	3.00	12.468	8.10	412.4	0.0	970.8
100.00		1.00	0.98	29.081	31.98	446.32	0.650	* 0.000	2.00	8.206	5.33	273.0	0.0	292.7
105.00		1.00	1.00	29.489	32.43	437.73	0.650	* 0.000	5.00	20.142	13.09	679.5	0.0	718.3
110.00		1.00	1.01	29.884	32.87	428.86	0.650	* 0.000	5.00	19.610	12.75	670.4	0.0	699.2
115.00		1.00	1.02	30.266	33.29	419.72	0.650	* 0.000	5.00	19.078	12.40	660.6	0.0	680.1
116.00	Appertunance(s)	1.00	1.03	30.341	33.37	417.87	0.650	* 0.000	1.00	3.752	2.44	130.2	0.0	133.7
118.00	Appertunance(s)	1.00	1.03	30.489	33.53	414.13	0.650	* 0.000	2.00	7.440	4.84	259.5	0.0	265.2
120.00		1.00	1.04	30.636	33.69	410.35	0.650	0.000	2.00	7.355	4.78	257.8	0.0	262.1
125.00		1.00	1.05	30.995	34.09	400.74	0.650	* 0.000	5.00	18.015	11.71	638.8	0.0	641.9
128.00	Appertunance(s)	1.00	1.06	31.206	34.32	394.87	0.650	* 0.000	3.00	10.554	6.86	376.8	0.0	376.0
130.00		1.00	1.06	31.345	34.47	390.91	0.650	0.000	2.00	6.929	4.50	248.5	0.0	246.8
135.00	Appertunance(s)	1.00	1.07	31.684	34.85	380.89	0.650	0.000	5.00	16.951	11.02	614.4	0.0	603.7
139.30	Bot - Section 4	1.00	1.08	31.972	35.16	372.04	0.650	0.000	4.33	14.261	9.27	521.6	0.0	507.8
140.00		1.00	1.08	32.015	35.21	370.67	0.650	0.000	0.67	2.187	1.42	80.1	0.0	139.2
144.40	Top - Section 3	1.00	1.09	32.301	35.53	361.49	0.650	0.000	4.42	14.248	9.26	526.5	0.0	907.0
145.00		1.00	1.09	32.338	35.57	365.14	0.650	0.000	0.58	1.851	1.20	68.5	0.0	52.8
148.00	Appertunance(s)	1.00	1.10	32.528	35.78	358.83	0.650	0.000	3.00	9.404	6.11	349.9	0.0	268.2
150.00		1.00	1.11	32.653	35.91	354.59	0.650	0.000	2.00	6.163	4.01	230.2	0.0	175.8
155.00		1.00	1.12	32.960	36.25	343.87	0.650	0.000	5.00	15.035	9.77	566.9	0.0	428.7
160.00	Appertunance(s)	1.00	1.13	33.260	36.58	333.00	0.650	0.000	5.00	14.503	9.43	551.9	0.0	413.5
165.00		1.00	1.14	33.554	36.91	321.97	0.650	0.000	5.00	13.972	9.08	536.3	0.0	398.2
170.00		1.00	1.15	33.842	37.22	310.80	0.650	0.000	5.00	13.440	8.74	520.3	0.0	382.9
171.00	Appertunance(s)	1.00	1.15	33.898	37.28	308.55	0.650	0.000	1.00	2.624	1.71	101.8	0.0	74.7
175.00		1.00	1.16	34.123	37.53	299.49	0.650	0.000	4.00	10.284	6.68	401.4	0.0	292.9
178.50	Appertunance(s)	1.00	1.16	34.317	37.74	291.49	0.650	0.000	3.50	8.719	5.67	342.3	0.0	248.3
* = Cf Adjusted By Linear Load Ra Effect								Totals:	178.50			23,157.5	0.0	35,331.4

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:25 AM
 Page: 13

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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

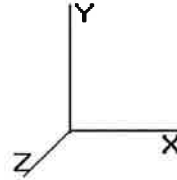
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
20.00	PCTEL GPS-TMG-HR-	1	20.599	22.659	1.00	1.00	0.09	0.000	0.000	3.26	0.00	0.00	0.54
20.00	Standoff	1	20.599	22.659	1.00	1.00	1.63	0.000	0.000	59.09	0.00	0.00	36.00
116.0	Alcatel-Lucent 800 M	3	30.341	33.375	0.67	0.80	3.43	0.000	0.000	182.90	0.00	0.00	143.10
116.0	Alcatel-Lucent 1900	3	30.341	33.375	0.67	0.80	3.73	0.000	0.000	199.21	0.00	0.00	162.00
118.0	Andrew DB980H90R-	6	30.489	33.538	0.79	0.80	14.41	0.000	0.000	773.23	0.00	0.00	45.90
118.0	Round Low Profile PI	1	30.489	33.538	1.00	1.00	21.70	0.000	0.000	1,164.44	0.00	0.00	1,350.00
118.0	RFS APXVSP18-C-	3	30.489	33.538	0.83	0.80	15.98	0.000	0.000	857.28	0.00	0.00	153.90
128.0	RFS APXV18-206517S-	3	31.206	34.327	0.80	1.00	12.41	0.000	0.000	681.48	0.00	0.00	71.28
135.0	Antel BXA-70063-6CF-	3	31.884	35.072	0.77	0.80	13.99	0.000	3.000	785.03	0.00	2,355.08	45.90
135.0	RFS FD9R6004/2C-3L	6	31.884	35.072	0.50	0.80	0.89	0.000	3.000	49.83	0.00	149.49	14.04
135.0	Antel BXA-80063-6BF-	3	31.884	35.072	0.78	0.80	13.59	0.000	3.000	762.66	0.00	2,287.97	51.84
135.0	Antel BXA-171063-8BF	3	31.884	35.072	0.87	0.80	6.14	0.000	3.000	344.48	0.00	1,033.44	28.35
135.0	Alcatel-Lucent RRH2x	3	31.884	35.072	0.67	0.80	3.49	0.000	3.000	196.07	0.00	588.21	118.80
135.0	RFS DB-T1-6Z-8AB-OZ	1	31.884	35.072	1.00	0.80	3.84	0.000	3.000	215.48	0.00	646.45	39.60
135.0	Alcatel-Lucent RRH2x	3	31.884	35.072	0.67	0.80	3.41	0.000	3.000	191.30	0.00	573.89	135.00
135.0	Round Low Profile PI	1	31.684	34.853	1.00	1.00	21.70	0.000	0.000	1,210.09	0.00	0.00	1,350.00
135.0	Antel BXA-171063-12B	3	31.884	35.072	0.88	0.80	9.99	0.000	3.000	560.58	0.00	1,681.75	40.50
148.0	Ericsson KRY 112 144	3	32.528	35.780	0.50	0.80	0.49	0.000	0.000	28.17	0.00	0.00	29.70
148.0	Ericsson AIR 21, 1.3	3	32.528	35.780	0.86	0.80	12.49	0.000	0.000	714.88	0.00	0.00	224.10
148.0	Ericsson AIR 21, 1.3	3	32.528	35.780	0.85	0.80	12.42	0.000	0.000	711.24	0.00	0.00	220.05
148.0	T-Arm w/ Working Pla	3	32.528	35.780	0.67	0.75	19.45	0.000	0.000	1,113.30	0.00	0.00	675.00
160.0	Powerwave 7020	3	33.260	36.586	0.33	0.75	0.30	0.000	0.000	17.39	0.00	0.00	5.94
160.0	14" x 9" TTA	6	33.260	36.586	0.33	0.75	1.56	0.000	0.000	91.28	0.00	0.00	54.00
160.0	Raycap DC6-48-60-18-	3	33.260	36.586	1.00	0.75	2.50	0.000	0.000	146.20	0.00	0.00	54.00
160.0	CCI	3	33.260	36.586	0.50	0.75	1.54	0.000	0.000	90.22	0.00	0.00	51.84
160.0	Ericsson RRUS A2	6	33.260	36.586	0.67	0.75	6.21	0.000	0.000	363.58	0.00	0.00	118.80
160.0	Ericsson RRUS 11	6	33.260	36.586	0.67	0.75	8.41	0.000	0.000	492.42	0.00	0.00	273.78
160.0	Ericsson RRUS-12 B2	6	33.260	36.586	0.67	0.75	9.50	0.000	0.000	555.95	0.00	0.00	313.20
160.0	Ericsson RRUS E2 B29	3	33.260	36.586	0.67	0.75	4.75	0.000	0.000	277.98	0.00	0.00	162.00
160.0	Ericsson RRUS-32	3	33.260	36.586	0.67	0.75	4.99	0.000	0.000	292.10	0.00	0.00	207.90
160.0	Powerwave 7770.00	3	33.260	36.586	0.77	0.75	9.55	0.000	0.000	558.81	0.00	0.00	94.50
160.0	CCI HPA-65R-BUU-H6	9	33.260	36.586	0.83	0.75	54.12	0.000	0.000	3,168.10	0.00	0.00	413.10
160.0	Round Platform w/ Ha	1	33.260	36.586	1.00	1.00	27.20	0.000	0.000	1,592.24	0.00	0.00	1,800.00
171.0	Side Arms	1	33.898	37.288	1.00	1.00	8.50	0.000	0.000	507.12	0.00	0.00	504.00
171.0	DragonWave A-ANT-	1	33.898	37.288	1.00	0.80	3.75	0.000	0.000	223.85	0.00	0.00	24.30
171.0	NextNet BTS-2500	3	33.898	37.288	0.50	0.80	2.18	0.000	0.000	130.30	0.00	0.00	94.50
171.0	Argus LLPX310R	3	33.898	37.288	0.73	0.80	7.52	0.000	0.000	448.42	0.00	0.00	77.22
171.0	DragonWave Horizon	2	33.898	37.288	0.33	0.80	0.23	0.000	0.000	13.55	0.00	0.00	19.08
171.0	DragonWave A-ANT-	1	33.898	37.288	1.00	0.80	3.75	0.000	0.000	223.85	0.00	0.00	24.39
178.5	72" x 12" Panel	3	34.453	37.899	0.79	0.80	15.41	0.000	2.500	934.70	0.00	2,336.75	121.50
178.5	48" x 12" Panel	9	34.453	37.899	0.78	0.80	28.47	0.000	2.500	1,726.54	0.00	4,316.36	243.00
178.5	Flat Low Profile Pla	1	34.317	37.748	1.00	1.00	26.10	0.000	0.000	1,576.37	0.00	0.00	1,350.00
										24,234.92			10,942.65

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:25 AM
 Page: 14



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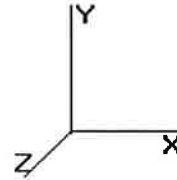
Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 23 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
5.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.103	1.008	0.00	1.35
5.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.103	1.008	0.00	32.85
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.103	1.008	0.00	22.14
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.103	1.008	0.00	22.14
5.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.103	1.008	0.00	17.01
5.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.103	1.008	0.00	13.50
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.103	1.008	0.00	0.68
10.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.105	1.014	0.00	1.35
10.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.105	1.014	0.00	32.85
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.105	1.014	0.00	22.14
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.105	1.014	0.00	22.14
10.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.105	1.014	0.00	17.01
10.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.105	1.014	0.00	13.50
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.105	1.014	0.00	0.68
15.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.107	1.020	0.00	1.35
15.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.107	1.020	0.00	32.85
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.107	1.020	0.00	22.14
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.107	1.020	0.00	22.14
15.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.107	1.020	0.00	17.01
15.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.107	1.020	0.00	13.50
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.107	1.020	0.00	0.68
20.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.109	1.026	0.00	1.35
20.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.109	1.026	0.00	32.85
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.109	1.026	0.00	22.14
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.109	1.026	0.00	22.14
20.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.109	1.026	0.00	17.01
20.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.109	1.026	0.00	13.50
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.109	1.026	0.00	0.68
25.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.111	1.032	0.00	1.35
25.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.599	0.111	1.032	0.00	32.85
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.599	0.111	1.032	0.00	22.14
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.599	0.111	1.032	0.00	22.14
25.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.599	0.111	1.032	0.00	17.01
25.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.599	0.111	1.032	0.00	13.50
30.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.616	0.113	1.038	0.00	1.35
30.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	20.616	0.113	1.038	0.00	32.85
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.616	0.113	1.038	0.00	22.14
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	20.616	0.113	1.038	0.00	22.14
30.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	20.616	0.113	1.038	0.00	17.01
30.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	20.616	0.113	1.038	0.00	13.50
35.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.545	0.115	1.045	0.00	1.35
35.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	21.545	0.115	1.045	0.00	32.85
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.545	0.115	1.045	0.00	22.14
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	21.545	0.115	1.045	0.00	22.14
35.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	21.545	0.115	1.045	0.00	17.01
35.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	21.545	0.115	1.045	0.00	13.50
40.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.383	0.117	1.052	0.00	1.35
40.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	22.383	0.117	1.052	0.00	32.85
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.383	0.117	1.052	0.00	22.14
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	22.383	0.117	1.052	0.00	22.14
40.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	22.383	0.117	1.052	0.00	17.01

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:25 AM
 Page: 15

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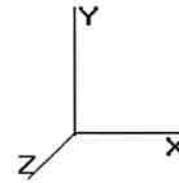
Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

40.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	22.383	0.117	1.052	0.00	13.50
45.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.149	0.120	1.059	0.00	1.35
45.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	23.149	0.120	1.059	0.00	32.85
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.149	0.120	1.059	0.00	22.14
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	23.149	0.120	1.059	0.00	22.14
45.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	23.149	0.120	1.059	0.00	17.01
45.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	23.149	0.120	1.059	0.00	13.50
50.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.856	0.122	1.066	0.00	1.35
50.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	23.856	0.122	1.066	0.00	32.85
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.856	0.122	1.066	0.00	22.14
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	23.856	0.122	1.066	0.00	22.14
50.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	23.856	0.122	1.066	0.00	17.01
50.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	23.856	0.122	1.066	0.00	13.50
53.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	24.257	0.124	1.073	0.00	0.81
53.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	24.257	0.124	1.073	0.00	19.71
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	24.257	0.124	1.073	0.00	13.28
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	24.257	0.124	1.073	0.00	13.28
53.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	0.39	0.00	24.257	0.124	1.073	0.00	10.20
53.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	0.38	0.00	24.257	0.124	1.073	0.00	8.10
55.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.515	0.124	1.072	0.00	0.54
55.00	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	24.515	0.124	1.072	0.00	13.14
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.515	0.124	1.072	0.00	8.85
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	24.515	0.124	1.072	0.00	8.85
55.00	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	24.515	0.124	1.072	0.00	6.80
55.00	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	24.515	0.124	1.072	0.00	5.40
60.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.132	0.126	1.078	0.00	1.35
60.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	25.132	0.126	1.078	0.00	32.85
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.132	0.126	1.078	0.00	22.14
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	25.132	0.126	1.078	0.00	22.14
60.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	25.132	0.126	1.078	0.00	17.01
60.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	25.132	0.126	1.078	0.00	13.50
65.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.713	0.129	1.086	0.00	1.35
65.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	25.713	0.129	1.086	0.00	32.85
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.713	0.129	1.086	0.00	22.14
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	25.713	0.129	1.086	0.00	22.14
65.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	25.713	0.129	1.086	0.00	17.01
65.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	25.713	0.129	1.086	0.00	13.50
70.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.263	0.132	1.095	0.00	1.35
70.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	26.263	0.132	1.095	0.00	32.85
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.263	0.132	1.095	0.00	22.14
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	26.263	0.132	1.095	0.00	22.14
70.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	26.263	0.132	1.095	0.00	17.01
70.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	26.263	0.132	1.095	0.00	13.50
75.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.786	0.135	1.104	0.00	1.35
75.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	26.786	0.135	1.104	0.00	32.85
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.786	0.135	1.104	0.00	22.14
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	26.786	0.135	1.104	0.00	22.14
75.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	26.786	0.135	1.104	0.00	17.01
75.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	26.786	0.135	1.104	0.00	13.50
80.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.285	0.138	1.113	0.00	1.35
80.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	27.285	0.138	1.113	0.00	32.85
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.285	0.138	1.113	0.00	22.14
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	27.285	0.138	1.113	0.00	22.14
80.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	27.285	0.138	1.113	0.00	17.01
80.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	27.285	0.138	1.113	0.00	13.50
85.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.761	0.141	1.123	0.00	1.35
85.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	27.761	0.141	1.123	0.00	32.85

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:25 AM
 Page: 16



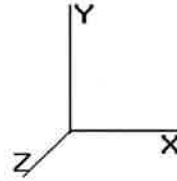
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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.761	0.141	1.123	0.00	22.14
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	27.761	0.141	1.123	0.00	22.14
85.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	27.761	0.141	1.123	0.00	17.01
85.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	27.761	0.141	1.123	0.00	13.50
90.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.219	0.145	1.134	0.00	1.35
90.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	28.219	0.145	1.134	0.00	32.85
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.219	0.145	1.134	0.00	22.14
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	28.219	0.145	1.134	0.00	22.14
90.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	28.219	0.145	1.134	0.00	17.01
90.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	28.219	0.145	1.134	0.00	13.50
91.42	(2) 1/2" Coax	Yes	1.42	0.000	0.00	0.00	0.00	28.345	0.147	1.141	0.00	0.38
91.42	(2) 2" Conduit	Yes	1.42	0.000	2.38	0.28	0.00	28.345	0.147	1.141	0.00	9.31
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	0.00	0.00	0.00	28.345	0.147	1.141	0.00	6.27
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	1.98	0.23	0.00	28.345	0.147	1.141	0.00	6.27
91.42	(6) 1 1/4" Coax	Yes	1.42	0.000	1.55	0.18	0.00	28.345	0.147	1.141	0.00	4.82
91.42	(3) 1 1/4" Hybriflex	Yes	1.42	0.000	1.54	0.18	0.00	28.345	0.147	1.141	0.00	3.83
95.00	(2) 1/2" Coax	Yes	3.58	0.000	0.00	0.00	0.00	28.658	0.149	1.146	0.00	0.97
95.00	(2) 2" Conduit	Yes	3.58	0.000	2.38	0.71	0.00	28.658	0.149	1.146	0.00	23.54
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	0.00	0.00	0.00	28.658	0.149	1.146	0.00	15.87
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	1.98	0.59	0.00	28.658	0.149	1.146	0.00	15.87
95.00	(6) 1 1/4" Coax	Yes	3.58	0.000	1.55	0.46	0.00	28.658	0.149	1.146	0.00	12.19
95.00	(3) 1 1/4" Hybriflex	Yes	3.58	0.000	1.54	0.46	0.00	28.658	0.149	1.146	0.00	9.67
98.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	28.913	0.151	1.154	0.00	0.81
98.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	28.913	0.151	1.154	0.00	19.71
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	28.913	0.151	1.154	0.00	13.28
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	28.913	0.151	1.154	0.00	13.28
98.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	0.39	0.00	28.913	0.151	1.154	0.00	10.20
98.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	0.38	0.00	28.913	0.151	1.154	0.00	8.10
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.151	1.154	0.00	0.54
100.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	29.081	0.151	1.154	0.00	13.14
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.151	1.154	0.00	8.85
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	29.081	0.151	1.154	0.00	8.85
100.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	29.081	0.151	1.154	0.00	6.80
100.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	29.081	0.151	1.154	0.00	5.40
105.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.489	0.154	1.162	0.00	1.35
105.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	29.489	0.154	1.162	0.00	32.85
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.489	0.154	1.162	0.00	22.14
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	29.489	0.154	1.162	0.00	22.14
105.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	29.489	0.154	1.162	0.00	17.01
105.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	29.489	0.154	1.162	0.00	13.50
110.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.884	0.158	1.175	0.00	1.35
110.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	29.884	0.158	1.175	0.00	32.85
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	29.884	0.158	1.175	0.00	22.14
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	29.884	0.158	1.175	0.00	22.14
110.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	29.884	0.158	1.175	0.00	17.01
110.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	29.884	0.158	1.175	0.00	13.50
115.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.266	0.163	1.188	0.00	1.35
115.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	30.266	0.163	1.188	0.00	32.85
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.266	0.163	1.188	0.00	22.14
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	30.266	0.163	1.188	0.00	22.14
115.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	30.266	0.163	1.188	0.00	17.01
115.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	30.266	0.163	1.188	0.00	13.50
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.165	1.196	0.00	0.27
116.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	30.341	0.165	1.196	0.00	6.57
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.165	1.196	0.00	4.43
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.98	0.17	0.00	30.341	0.165	1.196	0.00	4.43
116.0	(6) 1 1/4" Coax	Yes	1.00	0.000	1.55	0.13	0.00	30.341	0.165	1.196	0.00	3.40

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:26 AM
 Page: 17

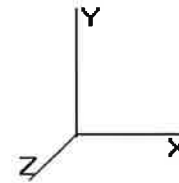
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Load Case: 0.9D + 1.6W **110.00 mph with No Ice (Reduced DL)** **23 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 0.90
Wind Load Factor : 1.60

116.0	(3) 1 1/4" Hybriflex	Yes	1.00	0.000	1.54	0.13	0.00	30.341	0.165	1.196	0.00	2.70
118.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.489	0.167	1.201	0.00	0.54
118.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.489	0.167	1.201	0.00	13.14
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.489	0.167	1.201	0.00	8.85
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	30.489	0.167	1.201	0.00	8.85
118.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	30.489	0.167	1.201	0.00	6.80
118.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	30.489	0.167	1.201	0.00	5.40
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.099	0.000	0.00	0.54
120.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.636	0.099	0.000	0.00	13.14
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.099	0.000	0.00	8.85
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	30.636	0.099	0.000	0.00	8.85
125.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.995	0.101	1.003	0.00	1.35
125.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	30.995	0.101	1.003	0.00	32.85
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	30.995	0.101	1.003	0.00	22.14
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	30.995	0.101	1.003	0.00	22.14
128.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	31.206	0.103	1.010	0.00	0.81
128.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	31.206	0.103	1.010	0.00	19.71
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	31.206	0.103	1.010	0.00	13.28
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	31.206	0.103	1.010	0.00	13.28
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.057	0.000	0.00	0.54
130.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	31.345	0.057	0.000	0.00	13.14
130.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.057	0.000	0.00	8.85
135.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	31.684	0.059	0.000	0.00	1.35
135.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	31.684	0.059	0.000	0.00	32.85
135.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	31.684	0.059	0.000	0.00	22.14
139.3	(2) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	31.972	0.060	0.000	0.00	1.17
139.3	(2) 2" Conduit	Yes	4.33	0.000	2.38	0.86	0.00	31.972	0.060	0.000	0.00	28.47
140.0	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	32.015	0.061	0.000	0.00	0.18
140.0	(2) 2" Conduit	Yes	0.67	0.000	2.38	0.13	0.00	32.015	0.061	0.000	0.00	4.38
144.4	(2) 1/2" Coax	Yes	4.42	0.000	0.00	0.00	0.00	32.301	0.062	0.000	0.00	1.19
144.4	(2) 2" Conduit	Yes	4.42	0.000	2.38	0.88	0.00	32.301	0.062	0.000	0.00	29.02
145.0	(2) 1/2" Coax	Yes	0.58	0.000	0.00	0.00	0.00	32.338	0.063	0.000	0.00	0.16
145.0	(2) 2" Conduit	Yes	0.58	0.000	2.38	0.12	0.00	32.338	0.063	0.000	0.00	3.83
148.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	32.528	0.063	0.000	0.00	0.81
148.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	32.528	0.063	0.000	0.00	19.71
150.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.653	0.064	0.000	0.00	0.54
150.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.653	0.064	0.000	0.00	13.14
155.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	32.960	0.066	0.000	0.00	1.35
155.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	32.960	0.066	0.000	0.00	32.85
160.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	33.260	0.068	0.000	0.00	1.35
160.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	33.260	0.068	0.000	0.00	32.85
165.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	33.554	0.071	0.000	0.00	1.35
165.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	33.554	0.071	0.000	0.00	32.85
170.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	33.842	0.074	0.000	0.00	1.35
170.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	33.842	0.074	0.000	0.00	32.85
171.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.898	0.076	0.000	0.00	0.27
171.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.898	0.076	0.000	0.00	6.57
Totals:											0.00	3,056.73

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:26 AM
 Page: 18

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Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 23 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

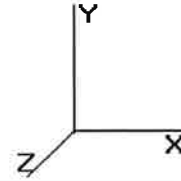
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	711.60	1,816.97	0.00	0.00
10.00	699.07	1,790.24	0.00	0.00
15.00	686.53	1,763.51	0.00	0.00
20.00	736.36	1,773.33	0.00	0.00
25.00	661.47	1,709.38	0.00	0.00
30.00	649.48	1,682.66	0.00	0.00
35.00	665.62	1,655.93	0.00	0.00
40.00	677.89	1,629.20	0.00	0.00
45.00	687.00	1,602.48	0.00	0.00
50.00	702.14	2,677.15	0.00	0.00
53.00	421.28	1,582.46	0.00	0.00
55.00	280.86	551.87	0.00	0.00
60.00	709.11	1,363.64	0.00	0.00
65.00	709.87	1,340.73	0.00	0.00
70.00	709.08	1,317.82	0.00	0.00
75.00	706.90	1,294.91	0.00	0.00
80.00	703.45	1,272.00	0.00	0.00
85.00	698.85	1,249.09	0.00	0.00
90.00	693.19	1,226.19	0.00	0.00
91.42	194.15	343.26	0.00	0.00
95.00	496.47	1,400.21	0.00	0.00
98.00	412.41	1,155.68	0.00	0.00
100.0	272.99	415.88	0.00	0.00
105.0	679.50	1,026.33	0.00	0.00
110.0	670.41	1,007.24	0.00	0.00
115.0	660.57	988.15	0.00	0.00
116.0	512.33	500.44	0.00	0.00
118.0	3,054.45	1,938.19	0.00	0.00
120.0	257.77	373.13	0.00	0.00
125.0	638.78	919.46	0.00	0.00
128.0	1,058.24	613.79	0.00	0.00
130.0	248.47	349.00	0.00	0.00
135.0	4,929.94	2,683.17	0.00	9,316.28
139.3	521.60	671.59	0.00	0.00
140.0	80.09	164.44	0.00	0.00
144.4	526.50	1,073.98	0.00	0.00
145.0	68.47	74.84	0.00	0.00
148.0	2,917.52	1,530.48	0.00	0.00
150.0	230.22	231.86	0.00	0.00
155.0	566.92	568.95	0.00	0.00
160.0	8,198.10	4,102.74	0.00	0.00
165.0	536.31	477.88	0.00	0.00
170.0	520.32	462.61	0.00	0.00
171.0	1,648.84	834.18	0.00	0.00
175.0	401.45	328.31	0.00	0.00
178.5	4,579.91	1,993.76	0.00	6,653.11
Totals:	47,392.45	55,529.12	0.00	15,969.38

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:26 AM
 Page: 19



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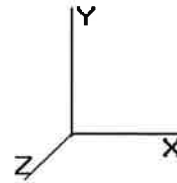
Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	23 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-55.47	-47.46	0.00	-5,847.49	0.00	5,847.49	6,164.54	3,082.27	18,158.3	9,092.69	0.00	0.00	0.652
5.00	-53.55	-46.86	0.00	-5,610.21	0.00	5,610.21	6,108.61	3,054.31	17,675.6	8,850.97	0.07	-0.13	0.643
10.00	-51.66	-46.27	0.00	-5,375.91	0.00	5,375.91	6,050.81	3,025.41	17,193.4	8,609.50	0.27	-0.25	0.633
15.00	-49.80	-45.69	0.00	-5,144.56	0.00	5,144.56	5,991.14	2,995.57	16,712.0	8,368.43	0.61	-0.38	0.623
20.00	-47.93	-45.05	0.00	-4,916.11	0.00	4,916.11	5,929.59	2,964.80	16,231.6	8,127.91	1.08	-0.52	0.613
25.00	-46.12	-44.48	0.00	-4,690.87	0.00	4,690.87	5,866.18	2,933.09	15,752.7	7,888.07	1.69	-0.65	0.603
30.00	-44.35	-43.91	0.00	-4,468.49	0.00	4,468.49	5,800.89	2,900.44	15,275.4	7,649.08	2.44	-0.78	0.592
35.00	-42.60	-43.32	0.00	-4,248.94	0.00	4,248.94	5,733.73	2,866.86	14,800.1	7,411.07	3.34	-0.92	0.581
40.00	-40.88	-42.71	0.00	-4,032.34	0.00	4,032.34	5,664.70	2,832.35	14,327.0	7,174.19	4.37	-1.05	0.570
45.00	-39.19	-42.09	0.00	-3,818.78	0.00	3,818.78	5,593.79	2,796.90	13,856.5	6,938.58	5.54	-1.19	0.558
50.00	-36.45	-41.40	0.00	-3,608.34	0.00	3,608.34	5,521.02	2,760.51	13,388.9	6,704.40	6.86	-1.33	0.545
53.00	-34.83	-40.98	0.00	-3,484.14	0.00	3,484.14	4,440.13	2,220.06	10,789.7	5,402.88	7.72	-1.41	0.653
55.00	-34.21	-40.75	0.00	-3,402.18	0.00	3,402.18	4,419.76	2,209.88	10,648.2	5,332.01	8.33	-1.47	0.646
60.00	-32.75	-40.09	0.00	-3,198.43	0.00	3,198.43	4,367.53	2,183.77	10,295.0	5,155.16	9.95	-1.62	0.628
65.00	-31.33	-39.43	0.00	-2,997.96	0.00	2,997.96	4,313.43	2,156.72	9,942.96	4,978.87	11.73	-1.78	0.610
70.00	-29.93	-38.76	0.00	-2,800.81	0.00	2,800.81	4,257.46	2,128.73	9,592.32	4,803.29	13.68	-1.93	0.590
75.00	-28.55	-38.09	0.00	-2,607.01	0.00	2,607.01	4,199.61	2,099.81	9,243.38	4,628.56	15.79	-2.09	0.570
80.00	-27.21	-37.41	0.00	-2,416.58	0.00	2,416.58	4,139.90	2,069.95	8,896.44	4,454.83	18.06	-2.24	0.549
85.00	-25.89	-36.73	0.00	-2,229.54	0.00	2,229.54	4,078.31	2,039.15	8,551.80	4,282.26	20.49	-2.40	0.527
90.00	-24.64	-36.03	0.00	-2,045.89	0.00	2,045.89	4,014.84	2,007.42	8,209.74	4,110.97	23.09	-2.55	0.504
91.42	-24.25	-35.85	0.00	-1,994.86	0.00	1,994.86	3,996.52	1,998.26	8,113.33	4,062.70	23.85	-2.59	0.497
95.00	-22.82	-35.33	0.00	-1,866.40	0.00	1,866.40	3,949.51	1,974.76	7,870.56	3,941.13	25.84	-2.70	0.480
98.00	-21.64	-34.89	0.00	-1,760.42	0.00	1,760.42	3,056.80	1,528.40	6,090.92	3,049.99	27.57	-2.79	0.585
100.00	-21.17	-34.64	0.00	-1,690.64	0.00	1,690.64	3,039.33	1,519.67	5,992.84	3,000.87	28.75	-2.85	0.571
105.00	-20.08	-33.96	0.00	-1,517.46	0.00	1,517.46	2,994.36	1,497.18	5,748.30	2,878.42	31.83	-3.02	0.534
110.00	-19.02	-33.29	0.00	-1,347.64	0.00	1,347.64	2,947.52	1,473.76	5,504.94	2,756.56	35.08	-3.18	0.496
115.00	-18.02	-32.60	0.00	-1,181.18	0.00	1,181.18	2,898.80	1,449.40	5,263.06	2,635.44	38.49	-3.33	0.455
116.00	-17.52	-32.08	0.00	-1,148.58	0.00	1,148.58	2,888.83	1,444.42	5,214.89	2,611.32	39.19	-3.36	0.446
118.00	-15.74	-28.93	0.00	-1,084.42	0.00	1,084.42	2,868.67	1,434.34	5,118.76	2,563.19	40.62	-3.42	0.429
120.00	-15.33	-28.68	0.00	-1,026.57	0.00	1,026.57	2,848.21	1,424.11	5,022.95	2,515.21	42.06	-3.48	0.414
125.00	-14.40	-28.01	0.00	-883.18	0.00	883.18	2,795.75	1,397.88	4,784.90	2,396.01	45.78	-3.62	0.374
128.00	-13.83	-26.93	0.00	-799.15	0.00	799.15	2,763.38	1,381.69	4,643.19	2,325.05	48.08	-3.70	0.349
130.00	-13.45	-26.68	0.00	-745.29	0.00	745.29	2,741.42	1,370.71	4,549.21	2,277.99	49.64	-3.75	0.332
135.00	-11.07	-21.60	0.00	-602.58	0.00	602.58	2,685.21	1,342.61	4,316.17	2,161.29	53.63	-3.87	0.283
139.33	-10.41	-21.05	0.00	-508.97	0.00	508.97	2,634.99	1,317.49	4,116.57	2,061.34	57.18	-3.96	0.251
140.00	-10.24	-20.96	0.00	-494.94	0.00	494.94	2,627.14	1,313.57	4,086.07	2,046.07	57.74	-3.97	0.246
144.42	-9.19	-20.37	0.00	-402.36	0.00	402.36	1,915.99	957.99	2,941.41	1,472.89	61.45	-4.05	0.278
145.00	-9.10	-20.30	0.00	-390.48	0.00	390.48	1,911.69	955.84	2,923.20	1,463.77	61.95	-4.07	0.272
148.00	-7.77	-17.29	0.00	-329.57	0.00	329.57	1,889.17	944.59	2,829.77	1,416.99	64.52	-4.13	0.237
150.00	-7.54	-17.05	0.00	-294.99	0.00	294.99	1,873.79	936.89	2,767.71	1,385.91	66.25	-4.16	0.217
155.00	-6.99	-16.45	0.00	-209.74	0.00	209.74	1,834.01	917.01	2,613.49	1,308.69	70.65	-4.24	0.164
160.00	-3.51	-7.97	0.00	-127.49	0.00	127.49	1,792.37	896.18	2,460.85	1,232.25	75.12	-4.30	0.105
165.00	-3.07	-7.40	0.00	-87.62	0.00	87.62	1,748.85	874.42	2,310.07	1,156.75	79.64	-4.34	0.078
170.00	-2.64	-6.85	0.00	-50.60	0.00	50.60	1,703.46	851.73	2,161.44	1,082.33	84.20	-4.37	0.048
171.00	-1.93	-5.14	0.00	-43.75	0.00	43.75	1,694.16	847.08	2,132.00	1,067.58	85.11	-4.37	0.042
175.00	-1.64	-4.72	0.00	-23.17	0.00	23.17	1,656.20	828.10	2,015.26	1,009.13	88.78	-4.38	0.024
178.50	0.00	-4.58	0.00	-6.65	0.00	6.65	1,622.00	811.00	1,914.55	958.70	91.99	-4.39	0.007

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

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1/16/2014 11:31:26 AM
 Page: 20

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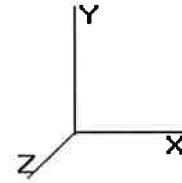
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.242	5.00	31.232	37.48	175.5	560.1	2,571.1
10.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.331	5.00	30.774	36.93	172.9	590.6	2,565.9
15.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.386	5.00	30.288	36.35	170.2	604.6	2,544.3
20.00	Appertunance(s)	1.00	0.70	4.256	4.682	0.000	1.200	* 1.427	5.00	29.790	35.75	167.4	611.3	2,515.4
25.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.459	5.00	29.285	35.14	164.5	613.9	2,482.4
30.00		1.00	0.70	4.260	4.686	0.000	1.200	* 1.486	5.00	28.776	34.53	161.8	613.8	2,446.6
35.00		1.00	0.73	4.451	4.897	0.000	1.200	* 1.509	5.00	28.263	33.92	166.1	611.6	2,408.8
40.00		1.00	0.76	4.625	5.087	0.000	1.200	* 1.529	5.00	27.748	33.30	169.4	608.0	2,369.5
45.00	Bot - Section 2	1.00	0.78	4.783	5.261	0.000	1.200	* 1.547	5.00	27.232	32.68	171.9	603.2	2,329.1
50.00		1.00	0.81	4.929	5.422	0.000	1.200	* 1.564	5.00	27.031	32.44	175.9	604.8	3,763.6
53.00	Top - Section 1	1.00	0.82	5.012	5.513	0.000	1.200	* 1.573	3.00	15.968	19.16	105.6	360.6	2,224.1
55.00		1.00	0.83	5.065	5.572	0.000	1.200	* 1.579	2.00	10.541	12.65	70.5	239.3	810.8
60.00		1.00	0.85	5.193	5.712	0.000	1.200	* 1.592	5.00	25.991	31.19	178.1	591.1	1,998.5
65.00		1.00	0.87	5.313	5.844	0.000	1.200	* 1.605	5.00	25.470	30.56	178.6	583.3	1,960.2
70.00		1.00	0.89	5.426	5.969	0.000	1.200	* 1.617	5.00	24.948	29.94	178.7	575.1	1,921.4
75.00		1.00	0.91	5.534	6.088	0.000	1.200	* 1.628	5.00	24.426	29.31	178.4	566.3	1,882.1
80.00		1.00	0.92	5.637	6.201	0.000	1.200	* 1.639	5.00	23.902	28.68	177.9	557.2	1,842.5
85.00		1.00	0.94	5.736	6.309	0.000	1.200	* 1.649	5.00	23.379	28.05	177.0	547.7	1,802.4
90.00		1.00	0.95	5.830	6.413	0.000	1.200	* 1.658	5.00	22.855	27.43	175.9	537.9	1,762.0
91.42	Bot - Section 3	1.00	0.96	5.856	6.442	0.000	1.200	* 1.661	1.42	6.380	7.66	49.3	151.6	492.9
95.00		1.00	0.97	5.921	6.513	0.000	1.200	* 1.667	3.58	16.139	19.37	126.1	382.9	1,955.5
98.00	Top - Section 2	1.00	0.98	5.974	6.571	0.000	1.200	* 1.672	3.00	13.304	15.97	104.9	316.8	1,611.3
100.00		1.00	0.98	6.008	6.609	0.000	1.200	* 1.676	2.00	8.764	10.52	69.5	209.6	599.8
105.00		1.00	1.00	6.093	6.702	0.000	1.200	* 1.684	5.00	21.545	25.85	173.3	513.3	1,471.0
110.00		1.00	1.01	6.174	6.792	0.000	1.200	* 1.692	5.00	21.020	25.22	171.3	502.4	1,434.7
115.00		1.00	1.02	6.253	6.879	0.000	1.200	* 1.699	5.00	20.495	24.59	169.2	491.4	1,398.2
116.00	Appertunance(s)	1.00	1.03	6.269	6.896	0.000	1.200	* 1.701	1.00	4.035	4.84	33.4	97.8	276.1
118.00	Appertunance(s)	1.00	1.03	6.299	6.929	0.000	1.200	* 1.704	2.00	8.008	9.61	66.6	193.8	547.4
120.00		1.00	1.04	6.330	6.963	0.000	1.200	* 1.707	2.00	7.924	9.51	66.2	192.0	541.5
125.00		1.00	1.05	6.404	7.044	0.000	1.200	* 1.714	5.00	19.443	23.33	164.4	468.6	1,324.5
128.00	Appertunance(s)	1.00	1.06	6.448	7.092	0.000	1.200	* 1.718	3.00	11.412	13.69	97.1	277.0	778.3
130.00		1.00	1.06	6.476	7.124	0.000	1.200	* 1.720	2.00	7.503	9.00	64.1	182.8	511.9
135.00	Appertunance(s)	1.00	1.07	6.546	7.201	0.000	1.200	* 1.727	5.00	18.390	22.07	158.9	445.2	1,250.2
139.30	Bot - Section 4	1.00	1.08	6.606	7.266	0.000	1.200	* 1.732	4.33	15.512	18.61	135.3	376.8	1,053.9
140.00		1.00	1.08	6.615	7.276	0.000	1.200	* 1.733	0.67	2.379	2.86	20.8	58.5	244.1
144.40	Top - Section 3	1.00	1.09	6.674	7.341	0.000	1.200	* 1.739	4.42	15.528	18.63	136.8	378.0	1,587.4
145.00		1.00	1.09	6.681	7.350	0.000	1.200	* 1.739	0.58	2.020	2.42	17.8	49.8	120.2
148.00	Appertunance(s)	1.00	1.10	6.721	7.393	0.000	1.200	* 1.743	3.00	10.276	12.33	91.2	251.5	609.2
150.00		1.00	1.11	6.746	7.421	0.000	1.200	* 1.745	2.00	6.745	8.09	60.1	165.7	400.1
155.00		1.00	1.12	6.810	7.491	0.000	1.200	* 1.751	5.00	16.494	19.79	148.3	401.9	973.6
160.00	Appertunance(s)	1.00	1.13	6.872	7.559	0.000	1.200	* 1.757	5.00	15.967	19.16	144.8	389.5	940.7
165.00		1.00	1.14	6.933	7.626	0.000	1.200	* 1.762	5.00	15.440	18.53	141.3	376.8	907.7
170.00		1.00	1.15	6.992	7.691	0.000	1.200	* 1.767	5.00	14.912	17.89	137.6	364.1	874.6
171.00	Appertunance(s)	1.00	1.15	7.004	7.704	0.000	1.200	* 1.768	1.00	2.919	3.50	27.0	72.3	172.0
175.00		1.00	1.16	7.050	7.755	0.000	1.200	* 1.772	4.00	11.465	13.76	106.7	281.0	671.5
178.50	Appertunance(s)	1.00	1.16	7.090	7.799	0.000	1.200	* 1.776	3.50	9.755	11.71	91.3	239.5	570.5
* = Cf Adjusted By Linear Load Ra Effect								Totals:	178.50			5,889.4	18,411.3	65,519.8

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:26 AM
 Page: 21

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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

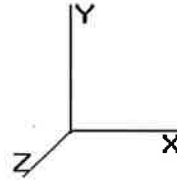
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
20.00	PCTEL GPS-TMG-HR-	1	4.256	4.682	1.00	1.00	0.23	0.000	0.000	1.08	0.00	0.00	8.39
20.00	Standoff	1	4.256	4.682	1.00	1.00	2.56	0.000	0.000	11.98	0.00	0.00	73.10
116.0	Alcatel-Lucent 800 M	3	6.269	6.896	0.67	0.80	4.39	0.000	0.000	30.26	0.00	0.00	444.89
116.0	Alcatel-Lucent 1900	3	6.269	6.896	0.67	0.80	4.78	0.000	0.000	32.98	0.00	0.00	492.68
118.0	Andrew DB980H90R-	6	6.299	6.929	0.79	0.80	18.30	0.000	0.000	126.78	0.00	0.00	589.61
118.0	Round Low Profile PI	1	6.299	6.929	1.00	1.00	40.48	0.000	0.000	280.51	0.00	0.00	2,233.83
118.0	RFS APXVSP18-C-	3	6.299	6.929	0.83	0.80	18.49	0.000	0.000	128.12	0.00	0.00	787.37
128.0	RFS APXV18-206517S-	3	6.448	7.092	0.80	1.00	15.33	0.000	0.000	108.73	0.00	0.00	440.83
135.0	Antel BXA-70063-6CF-	3	6.588	7.246	0.77	0.80	16.27	0.000	3.000	117.91	0.00	353.72	576.58
135.0	RFS FD9R6004/2C-3L	6	6.588	7.246	0.50	0.80	1.38	0.000	3.000	10.01	0.00	30.04	96.14
135.0	Antel BXA-80063-6BF-	3	6.588	7.246	0.78	0.80	18.53	0.000	3.000	134.27	0.00	402.80	389.26
135.0	Antel BXA-171063-8BF	3	6.588	7.246	0.87	0.80	7.93	0.000	3.000	57.46	0.00	172.38	284.31
135.0	Alcatel-Lucent RRH2x	3	6.588	7.246	0.67	0.80	4.52	0.000	3.000	32.78	0.00	98.35	376.08
135.0	RFS DB-T1-6Z-8AB-0Z	1	6.588	7.246	1.00	0.80	4.53	0.000	3.000	32.83	0.00	98.50	194.76
135.0	Alcatel-Lucent RRH2x	3	6.588	7.246	0.67	0.80	4.40	0.000	3.000	31.88	0.00	95.65	437.95
135.0	Round Low Profile PI	1	6.546	7.201	1.00	1.00	40.74	0.000	0.000	293.34	0.00	0.00	2,242.42
135.0	Antel BXA-171063-12B	3	6.588	7.246	0.88	0.80	12.55	0.000	3.000	90.94	0.00	272.83	407.24
148.0	Ericsson KRY 112 144	3	6.721	7.393	0.50	0.80	0.76	0.000	0.000	5.63	0.00	0.00	88.67
148.0	Ericsson AIR 21, 1.3	3	6.721	7.393	0.86	0.80	14.75	0.000	0.000	109.05	0.00	0.00	805.11
148.0	Ericsson AIR 21, 1.3	3	6.721	7.393	0.85	0.80	14.67	0.000	0.000	108.45	0.00	0.00	799.57
148.0	T-Arm w/ Working Pla	3	6.721	7.393	0.67	0.75	31.78	0.000	0.000	234.97	0.00	0.00	1,335.43
160.0	Powerwave 7020	3	6.872	7.559	0.33	0.75	0.46	0.000	0.000	3.50	0.00	0.00	55.54
160.0	14" x 9" TTA	6	6.872	7.559	0.33	0.75	2.23	0.000	0.000	16.87	0.00	0.00	294.13
160.0	Raycap DC6-48-60-18-	3	6.872	7.559	1.00	0.75	5.68	0.000	0.000	42.96	0.00	0.00	315.50
160.0	CCI	3	6.872	7.559	0.50	0.75	2.10	0.000	0.000	15.89	0.00	0.00	202.38
160.0	Ericsson RRUS A2	6	6.872	7.559	0.67	0.75	8.03	0.000	0.000	60.73	0.00	0.00	490.82
160.0	Ericsson RRUS 11	6	6.872	7.559	0.67	0.75	10.48	0.000	0.000	79.18	0.00	0.00	887.71
160.0	Ericsson RRUS-12 B2	6	6.872	7.559	0.67	0.75	11.67	0.000	0.000	88.18	0.00	0.00	994.47
160.0	Ericsson RRUS E2 B29	3	6.872	7.559	0.67	0.75	5.83	0.000	0.000	44.09	0.00	0.00	504.43
160.0	Ericsson RRUS-32	3	6.872	7.559	0.67	0.75	6.19	0.000	0.000	46.82	0.00	0.00	620.46
160.0	Powerwave 7770.00	3	6.872	7.559	0.77	0.75	11.38	0.000	0.000	86.01	0.00	0.00	534.48
160.0	CCI HPA-65R-BUU-H6	9	6.872	7.559	0.83	0.75	61.83	0.000	0.000	467.37	0.00	0.00	2,800.58
160.0	Round Platform w/ Ha	1	6.872	7.559	1.00	1.00	51.85	0.000	0.000	391.97	0.00	0.00	3,306.85
171.0	Side Arms	1	7.004	7.704	1.00	1.00	15.71	0.000	0.000	121.07	0.00	0.00	1,027.30
171.0	DragonWave A-ANT-	1	7.004	7.704	1.00	0.80	4.79	0.000	0.000	36.88	0.00	0.00	103.01
171.0	NextNet BTS-2500	3	7.004	7.704	0.50	0.80	2.84	0.000	0.000	21.92	0.00	0.00	300.29
171.0	Argus LLPX310R	3	7.004	7.704	0.73	0.80	9.11	0.000	0.000	70.22	0.00	0.00	431.79
171.0	DragonWave Horizon	2	7.004	7.704	0.33	0.80	0.35	0.000	0.000	2.71	0.00	0.00	87.08
171.0	DragonWave A-ANT-	1	7.004	7.704	1.00	0.80	4.79	0.000	0.000	36.88	0.00	0.00	103.83
178.5	72" x 12" Panel	3	7.118	7.830	0.79	0.80	17.92	0.000	2.500	140.35	0.00	350.87	749.11
178.5	48" x 12" Panel	9	7.118	7.830	0.78	0.80	34.09	0.000	2.500	266.95	0.00	667.37	1,549.50
178.5	Flat Low Profile Pla	1	7.090	7.799	1.00	1.00	45.57	0.000	0.000	355.39	0.00	0.00	2,260.61
										4,375.90			30,724.09

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:26 AM
 Page: 22



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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

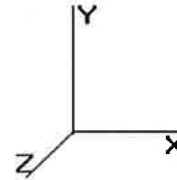
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
5.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.103	1.008	0.00	17.64
5.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.03	0.00	4.256	0.103	1.008	0.00	80.94
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.103	1.008	0.00	106.14
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	1.86	0.00	4.256	0.103	1.008	0.00	106.14
5.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.68	0.00	4.256	0.103	1.008	0.00	83.03
5.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.68	0.00	4.256	0.103	1.008	0.00	52.71
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.103	1.008	0.00	13.53
10.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.105	1.014	0.00	19.48
10.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.10	0.00	4.256	0.105	1.014	0.00	83.99
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.105	1.014	0.00	111.66
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	1.93	0.00	4.256	0.105	1.014	0.00	111.66
10.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.76	0.00	4.256	0.105	1.014	0.00	87.66
10.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.75	0.00	4.256	0.105	1.014	0.00	55.71
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.105	1.014	0.00	15.15
15.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.107	1.020	0.00	20.66
15.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.15	0.00	4.256	0.107	1.020	0.00	85.93
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.107	1.020	0.00	115.12
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	1.98	0.00	4.256	0.107	1.020	0.00	115.12
15.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.80	0.00	4.256	0.107	1.020	0.00	90.56
15.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.80	0.00	4.256	0.107	1.020	0.00	57.61
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.107	1.020	0.00	16.20
20.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.109	1.026	0.00	21.56
20.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.18	0.00	4.256	0.109	1.026	0.00	87.37
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.109	1.026	0.00	117.68
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.01	0.00	4.256	0.109	1.026	0.00	117.68
20.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.83	0.00	4.256	0.109	1.026	0.00	92.72
20.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.83	0.00	4.256	0.109	1.026	0.00	59.04
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.109	1.026	0.00	17.00
25.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.111	1.032	0.00	22.28
25.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.21	0.00	4.256	0.111	1.032	0.00	88.54
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.111	1.032	0.00	119.74
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.04	0.00	4.256	0.111	1.032	0.00	119.74
25.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.86	0.00	4.256	0.111	1.032	0.00	94.45
25.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.86	0.00	4.256	0.111	1.032	0.00	60.18
30.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.260	0.113	1.038	0.00	22.90
30.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.23	0.00	4.260	0.113	1.038	0.00	89.52
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.260	0.113	1.038	0.00	121.46
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.06	0.00	4.260	0.113	1.038	0.00	121.46
30.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.88	0.00	4.260	0.113	1.038	0.00	95.91
30.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.88	0.00	4.260	0.113	1.038	0.00	61.15
35.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.451	0.115	1.045	0.00	23.43
35.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.25	0.00	4.451	0.115	1.045	0.00	90.36
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.451	0.115	1.045	0.00	122.95
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.08	0.00	4.451	0.115	1.045	0.00	122.95
35.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.90	0.00	4.451	0.115	1.045	0.00	97.16
35.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.90	0.00	4.451	0.115	1.045	0.00	61.99
40.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.625	0.117	1.052	0.00	23.91
40.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.27	0.00	4.625	0.117	1.052	0.00	91.12
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.625	0.117	1.052	0.00	124.26
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.10	0.00	4.625	0.117	1.052	0.00	124.26
40.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.92	0.00	4.625	0.117	1.052	0.00	98.27

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
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 Taper : 0.251401 (in/ft)

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 Base Elev : 0.000 (ft)

1/16/2014 11:31:27 AM
 Page: 23



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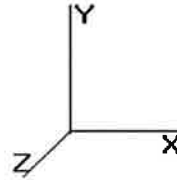
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

40.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.92	0.00	4.625	0.117	1.052	0.00	62.73
45.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.783	0.120	1.059	0.00	24.34
45.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.28	0.00	4.783	0.120	1.059	0.00	91.79
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.783	0.120	1.059	0.00	125.44
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.11	0.00	4.783	0.120	1.059	0.00	125.44
45.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.94	0.00	4.783	0.120	1.059	0.00	99.27
45.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.93	0.00	4.783	0.120	1.059	0.00	63.39
50.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.929	0.122	1.066	0.00	24.73
50.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.29	0.00	4.929	0.122	1.066	0.00	92.41
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.929	0.122	1.066	0.00	126.51
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.13	0.00	4.929	0.122	1.066	0.00	126.51
50.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.95	0.00	4.929	0.122	1.066	0.00	100.17
50.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.94	0.00	4.929	0.122	1.066	0.00	64.00
53.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	5.012	0.124	1.073	0.00	14.97
53.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	1.38	0.00	5.012	0.124	1.073	0.00	55.65
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	5.012	0.124	1.073	0.00	76.26
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	1.28	0.00	5.012	0.124	1.073	0.00	76.26
53.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	1.17	0.00	5.012	0.124	1.073	0.00	60.41
53.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	1.17	0.00	5.012	0.124	1.073	0.00	38.60
55.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.065	0.124	1.072	0.00	10.04
55.00	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.92	0.00	5.065	0.124	1.072	0.00	37.19
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.065	0.124	1.072	0.00	50.99
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.86	0.00	5.065	0.124	1.072	0.00	50.99
55.00	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.78	0.00	5.065	0.124	1.072	0.00	40.40
55.00	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.78	0.00	5.065	0.124	1.072	0.00	25.82
60.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.193	0.126	1.078	0.00	25.42
60.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.32	0.00	5.193	0.126	1.078	0.00	93.49
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.193	0.126	1.078	0.00	128.39
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.15	0.00	5.193	0.126	1.078	0.00	128.39
60.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.97	0.00	5.193	0.126	1.078	0.00	101.77
60.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.97	0.00	5.193	0.126	1.078	0.00	65.07
65.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.313	0.129	1.086	0.00	25.74
65.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.33	0.00	5.313	0.129	1.086	0.00	93.98
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.313	0.129	1.086	0.00	129.23
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.16	0.00	5.313	0.129	1.086	0.00	129.23
65.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.98	0.00	5.313	0.129	1.086	0.00	102.48
65.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.98	0.00	5.313	0.129	1.086	0.00	65.55
70.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.426	0.132	1.095	0.00	26.03
70.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.34	0.00	5.426	0.132	1.095	0.00	94.44
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.426	0.132	1.095	0.00	130.02
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.17	0.00	5.426	0.132	1.095	0.00	130.02
70.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	1.99	0.00	5.426	0.132	1.095	0.00	103.15
70.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	1.99	0.00	5.426	0.132	1.095	0.00	66.00
75.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.534	0.135	1.104	0.00	26.31
75.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.35	0.00	5.534	0.135	1.104	0.00	94.87
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.534	0.135	1.104	0.00	130.76
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.18	0.00	5.534	0.135	1.104	0.00	130.76
75.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.00	0.00	5.534	0.135	1.104	0.00	103.78
75.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.00	0.00	5.534	0.135	1.104	0.00	66.42
80.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.637	0.138	1.113	0.00	26.57
80.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.36	0.00	5.637	0.138	1.113	0.00	95.27
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.637	0.138	1.113	0.00	131.46
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.19	0.00	5.637	0.138	1.113	0.00	131.46
80.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.01	0.00	5.637	0.138	1.113	0.00	104.37
80.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.01	0.00	5.637	0.138	1.113	0.00	66.82
85.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.736	0.141	1.123	0.00	26.82
85.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.37	0.00	5.736	0.141	1.123	0.00	95.66

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:27 AM
 Page: 24



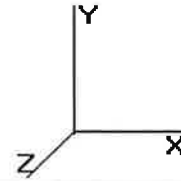
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.736	0.141	1.123	0.00	132.12
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.20	0.00	5.736	0.141	1.123	0.00	132.12
85.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.02	0.00	5.736	0.141	1.123	0.00	104.93
85.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.02	0.00	5.736	0.141	1.123	0.00	67.20
90.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.830	0.145	1.134	0.00	27.05
90.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.37	0.00	5.830	0.145	1.134	0.00	96.02
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.830	0.145	1.134	0.00	132.74
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.21	0.00	5.830	0.145	1.134	0.00	132.74
90.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.03	0.00	5.830	0.145	1.134	0.00	105.46
90.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.02	0.00	5.830	0.145	1.134	0.00	67.56
91.42	(2) 1/2" Coax	Yes	1.42	0.000	0.00	0.00	0.00	5.856	0.147	1.141	0.00	7.68
91.42	(2) 2" Conduit	Yes	1.42	0.000	2.38	0.67	0.00	5.856	0.147	1.141	0.00	27.24
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	0.00	0.00	0.00	5.856	0.147	1.141	0.00	37.66
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	1.98	0.63	0.00	5.856	0.147	1.141	0.00	37.66
91.42	(6) 1 1/4" Coax	Yes	1.42	0.000	1.55	0.58	0.00	5.856	0.147	1.141	0.00	29.92
91.42	(3) 1 1/4" Hybriflex	Yes	1.42	0.000	1.54	0.57	0.00	5.856	0.147	1.141	0.00	19.17
95.00	(2) 1/2" Coax	Yes	3.58	0.000	0.00	0.00	0.00	5.921	0.149	1.146	0.00	19.55
95.00	(2) 2" Conduit	Yes	3.58	0.000	2.38	1.71	0.00	5.921	0.149	1.146	0.00	69.07
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	0.00	0.00	0.00	5.921	0.149	1.146	0.00	95.56
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	1.98	1.59	0.00	5.921	0.149	1.146	0.00	95.56
95.00	(6) 1 1/4" Coax	Yes	3.58	0.000	1.55	1.46	0.00	5.921	0.149	1.146	0.00	75.94
95.00	(3) 1 1/4" Hybriflex	Yes	3.58	0.000	1.54	1.46	0.00	5.921	0.149	1.146	0.00	48.67
98.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	5.974	0.151	1.154	0.00	16.45
98.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	1.43	0.00	5.974	0.151	1.154	0.00	57.94
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	5.974	0.151	1.154	0.00	80.21
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	1.33	0.00	5.974	0.151	1.154	0.00	80.21
98.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	1.22	0.00	5.974	0.151	1.154	0.00	63.76
98.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	1.22	0.00	5.974	0.151	1.154	0.00	40.86
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.151	1.154	0.00	11.00
100.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.96	0.00	6.008	0.151	1.154	0.00	38.68
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.151	1.154	0.00	53.57
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.89	0.00	6.008	0.151	1.154	0.00	53.57
100.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.82	0.00	6.008	0.151	1.154	0.00	42.58
100.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.82	0.00	6.008	0.151	1.154	0.00	27.29
105.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.093	0.154	1.162	0.00	27.71
105.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.40	0.00	6.093	0.154	1.162	0.00	97.03
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.093	0.154	1.162	0.00	134.46
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.23	0.00	6.093	0.154	1.162	0.00	134.46
105.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.05	0.00	6.093	0.154	1.162	0.00	106.92
105.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.05	0.00	6.093	0.154	1.162	0.00	68.55
110.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.174	0.158	1.175	0.00	27.91
110.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.40	0.00	6.174	0.158	1.175	0.00	97.33
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.174	0.158	1.175	0.00	134.98
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.23	0.00	6.174	0.158	1.175	0.00	134.98
110.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.06	0.00	6.174	0.158	1.175	0.00	107.36
110.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.05	0.00	6.174	0.158	1.175	0.00	68.85
115.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.253	0.163	1.188	0.00	28.10
115.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.41	0.00	6.253	0.163	1.188	0.00	97.63
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.253	0.163	1.188	0.00	135.49
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.24	0.00	6.253	0.163	1.188	0.00	135.49
115.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	2.06	0.00	6.253	0.163	1.188	0.00	107.79
115.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	2.06	0.00	6.253	0.163	1.188	0.00	69.15
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.269	0.165	1.196	0.00	5.63
116.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.48	0.00	6.269	0.165	1.196	0.00	19.54
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.269	0.165	1.196	0.00	27.12
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.98	0.45	0.00	6.269	0.165	1.196	0.00	27.12
116.0	(6) 1 1/4" Coax	Yes	1.00	0.000	1.55	0.41	0.00	6.269	0.165	1.196	0.00	21.58

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:27 AM
 Page: 25

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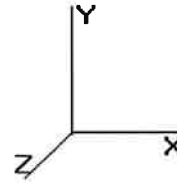
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

116.0	(3) 1 1/4" Hybriflex	Yes	1.00	0.000	1.54	0.41	0.00	6.269	0.165	1.196	0.00	13.84
118.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.299	0.167	1.201	0.00	11.28
118.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.96	0.00	6.299	0.167	1.201	0.00	39.12
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.299	0.167	1.201	0.00	54.31
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.90	0.00	6.299	0.167	1.201	0.00	54.31
118.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.83	0.00	6.299	0.167	1.201	0.00	43.22
118.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.82	0.00	6.299	0.167	1.201	0.00	27.73
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.330	0.099	0.000	0.00	11.31
120.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.97	0.00	6.330	0.099	0.000	0.00	39.17
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.330	0.099	0.000	0.00	54.39
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.90	0.00	6.330	0.099	0.000	0.00	54.39
125.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.404	0.101	1.003	0.00	28.47
125.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.42	0.00	6.404	0.101	1.003	0.00	98.19
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.404	0.101	1.003	0.00	136.44
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	2.25	0.00	6.404	0.101	1.003	0.00	136.44
128.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	6.448	0.103	1.010	0.00	17.14
128.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	1.45	0.00	6.448	0.103	1.010	0.00	59.01
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	6.448	0.103	1.010	0.00	82.03
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	1.35	0.00	6.448	0.103	1.010	0.00	82.03
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.476	0.057	0.000	0.00	11.46
130.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.97	0.00	6.476	0.057	0.000	0.00	39.38
130.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.476	0.057	0.000	0.00	54.76
135.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.546	0.059	0.000	0.00	28.81
135.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.43	0.00	6.546	0.059	0.000	0.00	98.71
135.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.546	0.059	0.000	0.00	137.33
139.3	(2) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	6.606	0.060	0.000	0.00	25.09
139.3	(2) 2" Conduit	Yes	4.33	0.000	2.38	2.11	0.00	6.606	0.060	0.000	0.00	85.74
140.0	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.615	0.061	0.000	0.00	3.86
140.0	(2) 2" Conduit	Yes	0.67	0.000	2.38	0.32	0.00	6.615	0.061	0.000	0.00	13.19
144.4	(2) 1/2" Coax	Yes	4.42	0.000	0.00	0.00	0.00	6.674	0.062	0.000	0.00	25.72
144.4	(2) 2" Conduit	Yes	4.42	0.000	2.38	2.16	0.00	6.674	0.062	0.000	0.00	87.61
145.0	(2) 1/2" Coax	Yes	0.58	0.000	0.00	0.00	0.00	6.681	0.063	0.000	0.00	3.40
145.0	(2) 2" Conduit	Yes	0.58	0.000	2.38	0.28	0.00	6.681	0.063	0.000	0.00	11.57
148.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	6.721	0.063	0.000	0.00	17.54
148.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	1.47	0.00	6.721	0.063	0.000	0.00	59.61
150.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.746	0.064	0.000	0.00	11.71
150.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.746	0.064	0.000	0.00	39.78
155.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.810	0.066	0.000	0.00	29.44
155.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.45	0.00	6.810	0.066	0.000	0.00	99.67
160.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.872	0.068	0.000	0.00	29.58
160.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.46	0.00	6.872	0.068	0.000	0.00	99.89
165.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.933	0.071	0.000	0.00	29.73
165.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.46	0.00	6.933	0.071	0.000	0.00	100.11
170.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.992	0.074	0.000	0.00	29.87
170.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	2.46	0.00	6.992	0.074	0.000	0.00	100.32
171.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.004	0.076	0.000	0.00	5.98
171.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	7.004	0.076	0.000	0.00	20.07
Totals:											0.00	14,777.34

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:27 AM
 Page: 26



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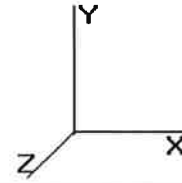
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 22 Iterations
 Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	175.46	3,296.69	0.00	0.00
10.00	172.89	3,316.68	0.00	0.00
15.00	170.16	3,310.93	0.00	0.00
20.00	180.42	3,375.38	0.00	0.00
25.00	164.52	3,252.74	0.00	0.00
30.00	161.80	3,224.40	0.00	0.00
35.00	166.07	3,193.08	0.00	0.00
40.00	169.39	3,159.52	0.00	0.00
45.00	171.92	3,124.19	0.00	0.00
50.00	175.87	4,563.33	0.00	0.00
53.00	105.63	2,705.50	0.00	0.00
55.00	70.47	1,132.45	0.00	0.00
60.00	178.15	2,806.52	0.00	0.00
65.00	178.61	2,771.88	0.00	0.00
70.00	178.70	2,736.49	0.00	0.00
75.00	178.44	2,700.45	0.00	0.00
80.00	177.86	2,663.82	0.00	0.00
85.00	177.01	2,626.67	0.00	0.00
90.00	175.89	2,589.05	0.00	0.00
91.42	49.32	727.42	0.00	0.00
95.00	126.14	2,550.05	0.00	0.00
98.00	104.91	2,110.01	0.00	0.00
100.0	69.51	932.63	0.00	0.00
105.0	173.28	2,305.54	0.00	0.00
110.0	171.32	2,271.54	0.00	0.00
115.0	169.17	2,237.23	0.00	0.00
116.0	96.63	1,381.61	0.00	0.00
118.0	602.00	4,494.36	0.00	0.00
120.0	66.20	806.95	0.00	0.00
125.0	164.35	1,989.48	0.00	0.00
128.0	205.85	1,618.61	0.00	0.00
130.0	64.14	723.68	0.00	0.00
135.0	960.34	6,785.18	0.00	1,524.26
139.3	135.26	1,343.61	0.00	0.00
140.0	20.77	288.71	0.00	0.00
144.4	136.79	1,883.06	0.00	0.00
145.0	17.81	159.21	0.00	0.00
148.0	549.25	3,838.95	0.00	0.00
150.0	60.06	508.12	0.00	0.00
155.0	148.27	1,244.06	0.00	0.00
160.0	1,488.42	12,218.91	0.00	0.00
165.0	141.29	1,098.24	0.00	0.00
170.0	137.63	1,065.49	0.00	0.00
171.0	316.65	2,263.45	0.00	0.00
175.0	106.70	718.75	0.00	0.00
178.5	853.98	5,171.10	0.00	1,018.25
Totals:	10,265.32	119,285.7	0.00	2,542.51

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:27 AM

Page: 27

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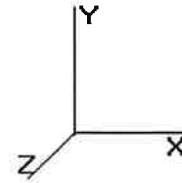
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	22 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-119.28	-10.29	0.00	-1,257.46	0.00	1,257.46	6,164.54	3,082.27	18,158.3	9,092.69	0.00	0.00	0.158
5.00	-115.98	-10.17	0.00	-1,205.99	0.00	1,205.99	6,108.61	3,054.31	17,675.6	8,850.97	0.01	-0.03	0.155
10.00	-112.66	-10.05	0.00	-1,155.13	0.00	1,155.13	6,050.81	3,025.41	17,193.4	8,609.50	0.06	-0.05	0.153
15.00	-109.34	-9.93	0.00	-1,104.87	0.00	1,104.87	5,991.14	2,995.57	16,712.0	8,368.43	0.13	-0.08	0.150
20.00	-105.96	-9.80	0.00	-1,055.21	0.00	1,055.21	5,929.59	2,964.80	16,231.6	8,127.91	0.23	-0.11	0.148
25.00	-102.71	-9.68	0.00	-1,006.22	0.00	1,006.22	5,866.18	2,933.09	15,752.7	7,888.07	0.36	-0.14	0.145
30.00	-99.48	-9.56	0.00	-957.84	0.00	957.84	5,800.89	2,900.44	15,275.4	7,649.08	0.53	-0.17	0.142
35.00	-96.28	-9.43	0.00	-910.06	0.00	910.06	5,733.73	2,866.86	14,800.1	7,411.07	0.72	-0.20	0.140
40.00	-93.12	-9.30	0.00	-862.92	0.00	862.92	5,664.70	2,832.35	14,327.0	7,174.19	0.94	-0.23	0.137
45.00	-89.99	-9.16	0.00	-816.44	0.00	816.44	5,593.79	2,796.90	13,856.5	6,938.58	1.19	-0.25	0.134
50.00	-85.42	-8.99	0.00	-770.66	0.00	770.66	5,521.02	2,760.51	13,388.9	6,704.40	1.47	-0.28	0.130
53.00	-82.72	-8.90	0.00	-743.68	0.00	743.68	4,440.13	2,220.06	10,789.7	5,402.88	1.66	-0.30	0.156
55.00	-81.58	-8.85	0.00	-725.88	0.00	725.88	4,419.76	2,209.88	10,648.2	5,332.01	1.79	-0.31	0.155
60.00	-78.77	-8.70	0.00	-681.62	0.00	681.62	4,367.53	2,183.77	10,295.0	5,155.16	2.13	-0.35	0.150
65.00	-75.99	-8.55	0.00	-638.11	0.00	638.11	4,313.43	2,156.72	9,942.96	4,978.87	2.52	-0.38	0.146
70.00	-73.25	-8.40	0.00	-595.35	0.00	595.35	4,257.46	2,128.73	9,592.32	4,803.29	2.93	-0.41	0.141
75.00	-70.55	-8.24	0.00	-553.37	0.00	553.37	4,199.61	2,099.81	9,243.38	4,628.56	3.38	-0.45	0.136
80.00	-67.88	-8.08	0.00	-512.19	0.00	512.19	4,139.90	2,069.95	8,896.44	4,454.83	3.87	-0.48	0.131
85.00	-65.25	-7.91	0.00	-471.80	0.00	471.80	4,078.31	2,039.15	8,551.80	4,282.26	4.39	-0.51	0.126
90.00	-62.66	-7.74	0.00	-432.23	0.00	432.23	4,014.84	2,007.42	8,209.74	4,110.97	4.95	-0.54	0.121
91.42	-61.94	-7.70	0.00	-421.27	0.00	421.27	3,996.52	1,998.26	8,113.33	4,062.70	5.11	-0.55	0.119
95.00	-59.38	-7.57	0.00	-393.69	0.00	393.69	3,949.51	1,974.76	7,870.56	3,941.13	5.53	-0.58	0.115
98.00	-57.27	-7.46	0.00	-370.98	0.00	370.98	3,056.80	1,528.40	6,090.92	3,049.99	5.90	-0.60	0.140
100.00	-56.34	-7.40	0.00	-356.06	0.00	356.06	3,039.33	1,519.67	5,992.84	3,000.87	6.15	-0.61	0.137
105.00	-54.03	-7.24	0.00	-319.05	0.00	319.05	2,994.36	1,497.18	5,748.30	2,878.42	6.81	-0.64	0.129
110.00	-51.76	-7.07	0.00	-282.87	0.00	282.87	2,947.52	1,473.76	5,504.94	2,756.56	7.50	-0.68	0.120
115.00	-49.52	-6.89	0.00	-247.53	0.00	247.53	2,898.80	1,449.40	5,263.06	2,635.44	8.23	-0.71	0.111
116.00	-48.14	-6.78	0.00	-240.65	0.00	240.65	2,888.83	1,444.42	5,214.89	2,611.32	8.38	-0.72	0.109
118.00	-43.65	-6.13	0.00	-227.08	0.00	227.08	2,868.67	1,434.34	5,118.76	2,563.19	8.68	-0.73	0.104
120.00	-42.84	-6.07	0.00	-214.81	0.00	214.81	2,848.21	1,424.11	5,022.95	2,515.21	8.99	-0.74	0.100
125.00	-40.85	-5.90	0.00	-184.45	0.00	184.45	2,795.75	1,397.88	4,784.90	2,396.01	9.78	-0.77	0.092
128.00	-39.24	-5.68	0.00	-166.76	0.00	166.76	2,763.38	1,381.69	4,643.19	2,325.05	10.27	-0.79	0.086
130.00	-38.51	-5.62	0.00	-155.40	0.00	155.40	2,741.42	1,370.71	4,549.21	2,277.99	10.60	-0.80	0.082
135.00	-31.74	-4.57	0.00	-125.79	0.00	125.79	2,685.21	1,342.61	4,316.17	2,161.29	11.45	-0.82	0.070
139.33	-30.40	-4.42	0.00	-105.97	0.00	105.97	2,634.99	1,317.49	4,116.57	2,061.34	12.20	-0.84	0.063
140.00	-30.11	-4.40	0.00	-103.02	0.00	103.02	2,627.14	1,313.57	4,086.07	2,046.07	12.32	-0.84	0.062
144.42	-28.23	-4.24	0.00	-83.57	0.00	83.57	1,915.99	957.99	2,941.41	1,472.89	13.11	-0.86	0.071
145.00	-28.07	-4.23	0.00	-81.09	0.00	81.09	1,911.69	955.84	2,923.20	1,463.77	13.21	-0.86	0.070
148.00	-24.24	-3.62	0.00	-68.41	0.00	68.41	1,889.17	944.59	2,829.77	1,416.99	13.76	-0.87	0.061
150.00	-23.73	-3.56	0.00	-61.16	0.00	61.16	1,873.79	936.89	2,767.71	1,385.91	14.13	-0.88	0.057
155.00	-22.49	-3.40	0.00	-43.35	0.00	43.35	1,834.01	917.01	2,613.49	1,308.69	15.06	-0.90	0.045
160.00	-10.29	-1.72	0.00	-26.35	0.00	26.35	1,792.37	896.18	2,460.85	1,232.25	16.01	-0.91	0.027
165.00	-9.19	-1.56	0.00	-17.75	0.00	17.75	1,748.85	874.42	2,310.07	1,156.75	16.97	-0.92	0.021
170.00	-8.13	-1.41	0.00	-9.93	0.00	9.93	1,703.46	851.73	2,161.44	1,082.33	17.93	-0.92	0.014
171.00	-5.87	-1.06	0.00	-8.52	0.00	8.52	1,694.16	847.08	2,132.00	1,067.58	18.13	-0.93	0.011
175.00	-5.16	-0.94	0.00	-4.30	0.00	4.30	1,656.20	828.10	2,015.26	1,009.13	18.90	-0.93	0.007
178.50	0.00	-0.85	0.00	-1.02	0.00	1.02	1,622.00	811.00	1,914.55	958.70	19.58	-0.93	0.001

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:27 AM
 Page: 28

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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

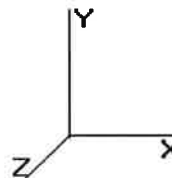
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	305.84	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	6.129	6.742	300.50	0.650	* 0.000	5.00	30.197	19.63	132.3	0.0	1,675.8
10.00		1.00	0.70	6.129	6.742	295.16	0.650	* 0.000	5.00	29.665	19.28	130.0	0.0	1,646.1
15.00		1.00	0.70	6.129	6.742	289.82	0.650	* 0.000	5.00	29.133	18.94	127.7	0.0	1,616.4
20.00	Appertunance(s)	1.00	0.70	6.129	6.742	284.48	0.650	* 0.000	5.00	28.601	18.59	125.3	0.0	1,586.7
25.00		1.00	0.70	6.129	6.742	279.14	0.650	* 0.000	5.00	28.070	18.25	123.0	0.0	1,557.0
30.00		1.00	0.70	6.134	6.747	273.92	0.650	* 0.000	5.00	27.538	17.90	120.8	0.0	1,527.3
35.00		1.00	0.73	6.410	7.051	274.56	0.650	* 0.000	5.00	27.006	17.55	123.8	0.0	1,497.6
40.00		1.00	0.76	6.659	7.325	274.28	0.650	* 0.000	5.00	26.474	17.21	126.1	0.0	1,467.9
45.00	Bot - Section 2	1.00	0.78	6.887	7.576	273.27	0.650	* 0.000	5.00	25.942	16.86	127.7	0.0	1,438.2
50.00		1.00	0.81	7.098	7.807	271.67	0.650	* 0.000	5.00	25.728	16.72	130.6	0.0	2,632.3
53.00	Top - Section 1	1.00	0.82	7.217	7.939	270.46	0.650	* 0.000	3.00	15.181	9.87	78.3	0.0	1,552.9
55.00		1.00	0.83	7.294	8.023	273.04	0.650	* 0.000	2.00	10.015	6.51	52.2	0.0	476.3
60.00		1.00	0.85	7.477	8.225	270.56	0.650	* 0.000	5.00	24.664	16.03	131.9	0.0	1,172.9
65.00		1.00	0.87	7.650	8.415	267.71	0.650	* 0.000	5.00	24.132	15.69	132.0	0.0	1,147.4
70.00		1.00	0.89	7.814	8.595	264.53	0.650	* 0.000	5.00	23.600	15.34	131.9	0.0	1,122.0
75.00		1.00	0.91	7.969	8.766	261.06	0.650	* 0.000	5.00	23.069	14.99	131.4	0.0	1,096.5
80.00		1.00	0.92	8.118	8.930	257.33	0.650	* 0.000	5.00	22.537	14.65	130.8	0.0	1,071.1
85.00		1.00	0.94	8.260	9.086	253.37	0.650	* 0.000	5.00	22.005	14.30	130.0	0.0	1,045.6
90.00		1.00	0.95	8.396	9.235	249.20	0.650	* 0.000	5.00	21.473	13.96	128.9	0.0	1,020.1
91.42	Bot - Section 3	1.00	0.96	8.433	9.276	247.98	0.650	* 0.000	1.42	5.987	3.89	36.1	0.0	284.4
95.00		1.00	0.97	8.526	9.379	244.83	0.650	* 0.000	3.58	15.143	9.84	92.3	0.0	1,310.5
98.00	Top - Section 2	1.00	0.98	8.602	9.463	242.13	0.650	* 0.000	3.00	12.468	8.10	76.7	0.0	1,078.7
100.00		1.00	0.98	8.652	9.517	243.45	0.650	* 0.000	2.00	8.206	5.33	50.8	0.0	325.2
105.00		1.00	1.00	8.774	9.651	238.76	0.650	* 0.000	5.00	20.142	13.09	126.4	0.0	798.1
110.00		1.00	1.01	8.891	9.780	233.92	0.650	* 0.000	5.00	19.610	12.75	124.7	0.0	776.9
115.00		1.00	1.02	9.005	9.905	228.94	0.650	* 0.000	5.00	19.078	12.40	122.8	0.0	755.7
116.00	Appertunance(s)	1.00	1.03	9.027	9.930	227.93	0.650	* 0.000	1.00	3.752	2.44	24.2	0.0	148.6
118.00	Appertunance(s)	1.00	1.03	9.071	9.978	225.88	0.650	* 0.000	2.00	7.440	4.84	48.3	0.0	294.6
120.00		1.00	1.04	9.115	10.02	223.82	0.650	0.000	2.00	7.355	4.78	47.9	0.0	291.2
125.00		1.00	1.05	9.222	10.14	218.58	0.650	* 0.000	5.00	18.015	11.71	118.8	0.0	713.2
128.00	Appertunance(s)	1.00	1.06	9.284	10.21	215.38	0.650	* 0.000	3.00	10.554	6.86	70.1	0.0	417.8
130.00		1.00	1.06	9.326	10.25	213.22	0.650	0.000	2.00	6.929	4.50	46.2	0.0	274.3
135.00	Appertunance(s)	1.00	1.07	9.427	10.36	207.75	0.650	0.000	5.00	16.951	11.02	114.3	0.0	670.8
139.30	Bot - Section 4	1.00	1.08	9.512	10.46	202.93	0.650	0.000	4.33	14.261	9.27	97.0	0.0	564.2
140.00		1.00	1.08	9.525	10.47	202.18	0.650	0.000	0.67	2.187	1.42	14.9	0.0	154.7
144.40	Top - Section 3	1.00	1.09	9.610	10.57	197.17	0.650	0.000	4.42	14.248	9.26	97.9	0.0	1,007.8
145.00		1.00	1.09	9.621	10.58	199.17	0.650	0.000	0.58	1.851	1.20	12.7	0.0	58.7
148.00	Appertunance(s)	1.00	1.10	9.678	10.64	195.72	0.650	0.000	3.00	9.404	6.11	65.1	0.0	298.0
150.00		1.00	1.11	9.715	10.68	193.41	0.650	0.000	2.00	6.163	4.01	42.8	0.0	195.3
155.00		1.00	1.12	9.806	10.78	187.56	0.650	0.000	5.00	15.035	9.77	105.4	0.0	476.4
160.00	Appertunance(s)	1.00	1.13	9.896	10.88	181.63	0.650	0.000	5.00	14.503	9.43	102.6	0.0	459.4
165.00		1.00	1.14	9.983	10.98	175.62	0.650	0.000	5.00	13.972	9.08	99.7	0.0	442.4
170.00		1.00	1.15	10.069	11.07	169.52	0.650	0.000	5.00	13.440	8.74	96.8	0.0	425.5
171.00	Appertunance(s)	1.00	1.15	10.085	11.09	168.30	0.650	0.000	1.00	2.624	1.71	18.9	0.0	83.1
175.00		1.00	1.16	10.152	11.16	163.36	0.650	0.000	4.00	10.284	6.68	74.6	0.0	325.4
178.50	Appertunance(s)	1.00	1.16	10.210	11.23	158.99	0.650	0.000	3.50	8.719	5.67	63.7	0.0	275.8
* = Cf Adjusted By Linear Load Ra Effect								Totals:	178.50			4,306.2	0.0	39,257.1

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:28 AM
 Page: 29



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 21 Iterations
Gust Response Factor: 1.10 **Wind Importance Factor:** 1.00
Dead Load Factor: 1.00
Wind Load Factor: 1.00

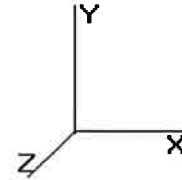
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
20.00	PCTEL GPS-TMG-HR- Standoff	1	6.129	6.742	1.00	1.00	0.09	0.000	0.000	0.61	0.00	0.00	0.60
20.00	Standoff	1	6.129	6.742	1.00	1.00	1.63	0.000	0.000	10.99	0.00	0.00	40.00
116.0	Alcatel-Lucent 800 M	3	9.027	9.930	0.67	0.80	3.43	0.000	0.000	34.01	0.00	0.00	159.00
116.0	Alcatel-Lucent 1900	3	9.027	9.930	0.67	0.80	3.73	0.000	0.000	37.04	0.00	0.00	180.00
118.0	Andrew DB980H90R-	6	9.071	9.978	0.79	0.80	14.41	0.000	0.000	143.78	0.00	0.00	51.00
118.0	Round Low Profile PI	1	9.071	9.978	1.00	1.00	21.70	0.000	0.000	216.53	0.00	0.00	1,500.00
118.0	RFS APXVSP18-C-	3	9.071	9.978	0.83	0.80	15.98	0.000	0.000	159.41	0.00	0.00	171.00
128.0	RFS APXV18-206517S-	3	9.284	10.213	0.80	1.00	12.41	0.000	0.000	126.72	0.00	0.00	79.20
135.0	Antel BXA-70063-6CF-	3	9.486	10.435	0.77	0.80	13.99	0.000	3.000	145.98	0.00	437.93	51.00
135.0	RFS FD9R6004/2C-3L	6	9.486	10.435	0.50	0.80	0.89	0.000	3.000	9.27	0.00	27.80	15.60
135.0	Antel BXA-80063-6BF-	3	9.486	10.435	0.78	0.80	13.59	0.000	3.000	141.82	0.00	425.45	57.60
135.0	Antel BXA-171063-8BF	3	9.486	10.435	0.87	0.80	6.14	0.000	3.000	64.06	0.00	192.17	31.50
135.0	Alcatel-Lucent RRH2x	3	9.486	10.435	0.67	0.80	3.49	0.000	3.000	36.46	0.00	109.38	132.00
135.0	RFS DB-T1-6Z-8AB-OZ	1	9.486	10.435	1.00	0.80	3.84	0.000	3.000	40.07	0.00	120.21	44.00
135.0	Alcatel-Lucent RRH2x	3	9.486	10.435	0.67	0.80	3.41	0.000	3.000	35.57	0.00	106.72	150.00
135.0	Round Low Profile PI	1	9.427	10.369	1.00	1.00	21.70	0.000	0.000	225.02	0.00	0.00	1,500.00
135.0	Antel BXA-171063-12B	3	9.486	10.435	0.88	0.80	9.99	0.000	3.000	104.24	0.00	312.72	45.00
148.0	Ericsson KRY 112 144	3	9.678	10.645	0.50	0.80	0.49	0.000	0.000	5.24	0.00	0.00	33.00
148.0	Ericsson AIR 21, 1.3	3	9.678	10.645	0.86	0.80	12.49	0.000	0.000	132.93	0.00	0.00	249.00
148.0	Ericsson AIR 21, 1.3	3	9.678	10.645	0.85	0.80	12.42	0.000	0.000	132.25	0.00	0.00	244.50
148.0	T-Arm w/ Working Pla	3	9.678	10.645	0.67	0.75	19.45	0.000	0.000	207.02	0.00	0.00	750.00
160.0	Powerwave 7020	3	9.896	10.885	0.33	0.75	0.30	0.000	0.000	3.23	0.00	0.00	6.60
160.0	14" x 9" TTA	6	9.896	10.885	0.33	0.75	1.56	0.000	0.000	16.97	0.00	0.00	60.00
160.0	Raycap DC6-48-60-18-	3	9.896	10.885	1.00	0.75	2.50	0.000	0.000	27.19	0.00	0.00	60.00
160.0	CCI	3	9.896	10.885	0.50	0.75	1.54	0.000	0.000	16.78	0.00	0.00	57.60
160.0	Ericsson RRUS A2	6	9.896	10.885	0.67	0.75	6.21	0.000	0.000	67.61	0.00	0.00	132.00
160.0	Ericsson RRUS 11	6	9.896	10.885	0.67	0.75	8.41	0.000	0.000	91.56	0.00	0.00	304.20
160.0	Ericsson RRUS-12 B2	6	9.896	10.885	0.67	0.75	9.50	0.000	0.000	103.38	0.00	0.00	348.00
160.0	Ericsson RRUS E2 B29	3	9.896	10.885	0.67	0.75	4.75	0.000	0.000	51.69	0.00	0.00	180.00
160.0	Ericsson RRUS-32	3	9.896	10.885	0.67	0.75	4.99	0.000	0.000	54.32	0.00	0.00	231.00
160.0	Powerwave 7770.00	3	9.896	10.885	0.77	0.75	9.55	0.000	0.000	103.91	0.00	0.00	105.00
160.0	CCI HPA-65R-BUU-H6	9	9.896	10.885	0.83	0.75	54.12	0.000	0.000	589.11	0.00	0.00	459.00
160.0	Round Platform w/ Ha	1	9.896	10.885	1.00	1.00	27.20	0.000	0.000	296.08	0.00	0.00	2,000.00
171.0	Side Arms	1	10.085	11.094	1.00	1.00	8.50	0.000	0.000	94.30	0.00	0.00	560.00
171.0	DragonWave A-ANT-	1	10.085	11.094	1.00	0.80	3.75	0.000	0.000	41.62	0.00	0.00	27.00
171.0	NextNet BTS-2500	3	10.085	11.094	0.50	0.80	2.18	0.000	0.000	24.23	0.00	0.00	105.00
171.0	Argus LLPX310R	3	10.085	11.094	0.73	0.80	7.52	0.000	0.000	83.38	0.00	0.00	85.80
171.0	DragonWave Horizon	2	10.085	11.094	0.33	0.80	0.23	0.000	0.000	2.52	0.00	0.00	21.20
171.0	DragonWave A-ANT-	1	10.085	11.094	1.00	0.80	3.75	0.000	0.000	41.62	0.00	0.00	27.10
178.5	72" x 12" Panel	3	10.251	11.276	0.79	0.80	15.41	0.000	2.500	173.81	0.00	434.52	135.00
178.5	48" x 12" Panel	9	10.251	11.276	0.78	0.80	28.47	0.000	2.500	321.05	0.00	802.63	270.00
178.5	Flat Low Profile Pla	1	10.210	11.231	1.00	1.00	26.10	0.000	0.000	293.13	0.00	0.00	1,500.00
										4,506.49			12,158.50

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:28 AM
 Page: 30



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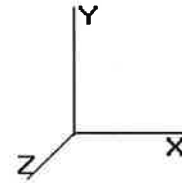
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
5.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.103	1.008	0.00	1.50
5.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.129	0.103	1.008	0.00	36.50
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.103	1.008	0.00	24.60
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.129	0.103	1.008	0.00	24.60
5.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.129	0.103	1.008	0.00	18.90
5.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.129	0.103	1.008	0.00	15.00
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.103	1.008	0.00	0.75
10.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.105	1.014	0.00	1.50
10.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.129	0.105	1.014	0.00	36.50
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.105	1.014	0.00	24.60
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.129	0.105	1.014	0.00	24.60
10.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.129	0.105	1.014	0.00	18.90
10.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.129	0.105	1.014	0.00	15.00
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.105	1.014	0.00	0.75
15.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.107	1.020	0.00	1.50
15.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.129	0.107	1.020	0.00	36.50
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.107	1.020	0.00	24.60
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.129	0.107	1.020	0.00	24.60
15.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.129	0.107	1.020	0.00	18.90
15.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.129	0.107	1.020	0.00	15.00
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.107	1.020	0.00	0.75
20.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.109	1.026	0.00	1.50
20.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.129	0.109	1.026	0.00	36.50
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.109	1.026	0.00	24.60
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.129	0.109	1.026	0.00	24.60
20.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.129	0.109	1.026	0.00	18.90
20.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.129	0.109	1.026	0.00	15.00
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.109	1.026	0.00	0.75
25.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.111	1.032	0.00	1.50
25.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.129	0.111	1.032	0.00	36.50
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.111	1.032	0.00	24.60
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.129	0.111	1.032	0.00	24.60
25.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.129	0.111	1.032	0.00	18.90
25.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.129	0.111	1.032	0.00	15.00
30.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.134	0.113	1.038	0.00	1.50
30.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.134	0.113	1.038	0.00	36.50
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.134	0.113	1.038	0.00	24.60
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.134	0.113	1.038	0.00	24.60
30.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.134	0.113	1.038	0.00	18.90
30.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.134	0.113	1.038	0.00	15.00
35.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.410	0.115	1.045	0.00	1.50
35.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.410	0.115	1.045	0.00	36.50
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.410	0.115	1.045	0.00	24.60
35.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.410	0.115	1.045	0.00	24.60
35.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.410	0.115	1.045	0.00	18.90
35.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.410	0.115	1.045	0.00	15.00
40.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.659	0.117	1.052	0.00	1.50
40.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.659	0.117	1.052	0.00	36.50
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.659	0.117	1.052	0.00	24.60
40.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.659	0.117	1.052	0.00	24.60
40.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.659	0.117	1.052	0.00	18.90

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:28 AM
 Page: 31

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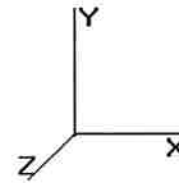
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

40.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.659	0.117	1.052	0.00	15.00
45.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.887	0.120	1.059	0.00	1.50
45.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	6.887	0.120	1.059	0.00	36.50
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.887	0.120	1.059	0.00	24.60
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	6.887	0.120	1.059	0.00	24.60
45.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	6.887	0.120	1.059	0.00	18.90
45.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	6.887	0.120	1.059	0.00	15.00
50.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.098	0.122	1.066	0.00	1.50
50.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	7.098	0.122	1.066	0.00	36.50
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.098	0.122	1.066	0.00	24.60
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	7.098	0.122	1.066	0.00	24.60
50.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	7.098	0.122	1.066	0.00	18.90
50.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	7.098	0.122	1.066	0.00	15.00
53.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	7.217	0.124	1.073	0.00	0.90
53.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	7.217	0.124	1.073	0.00	21.90
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	7.217	0.124	1.073	0.00	14.76
53.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	7.217	0.124	1.073	0.00	14.76
53.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	0.39	0.00	7.217	0.124	1.073	0.00	11.34
53.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	0.38	0.00	7.217	0.124	1.073	0.00	9.00
55.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.294	0.124	1.072	0.00	0.60
55.00	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	7.294	0.124	1.072	0.00	14.60
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.294	0.124	1.072	0.00	9.84
55.00	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	7.294	0.124	1.072	0.00	9.84
55.00	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	7.294	0.124	1.072	0.00	7.56
55.00	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	7.294	0.124	1.072	0.00	6.00
60.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.477	0.126	1.078	0.00	1.50
60.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	7.477	0.126	1.078	0.00	36.50
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.477	0.126	1.078	0.00	24.60
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	7.477	0.126	1.078	0.00	24.60
60.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	7.477	0.126	1.078	0.00	18.90
60.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	7.477	0.126	1.078	0.00	15.00
65.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.650	0.129	1.086	0.00	1.50
65.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	7.650	0.129	1.086	0.00	36.50
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.650	0.129	1.086	0.00	24.60
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	7.650	0.129	1.086	0.00	24.60
65.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	7.650	0.129	1.086	0.00	18.90
65.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	7.650	0.129	1.086	0.00	15.00
70.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.814	0.132	1.095	0.00	1.50
70.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	7.814	0.132	1.095	0.00	36.50
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.814	0.132	1.095	0.00	24.60
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	7.814	0.132	1.095	0.00	24.60
70.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	7.814	0.132	1.095	0.00	18.90
70.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	7.814	0.132	1.095	0.00	15.00
75.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.969	0.135	1.104	0.00	1.50
75.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	7.969	0.135	1.104	0.00	36.50
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.969	0.135	1.104	0.00	24.60
75.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	7.969	0.135	1.104	0.00	24.60
75.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	7.969	0.135	1.104	0.00	18.90
75.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	7.969	0.135	1.104	0.00	15.00
80.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.118	0.138	1.113	0.00	1.50
80.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	8.118	0.138	1.113	0.00	36.50
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.118	0.138	1.113	0.00	24.60
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	8.118	0.138	1.113	0.00	24.60
80.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	8.118	0.138	1.113	0.00	18.90
80.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	8.118	0.138	1.113	0.00	15.00
85.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.260	0.141	1.123	0.00	1.50
85.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	8.260	0.141	1.123	0.00	36.50

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:28 AM
 Page: 32



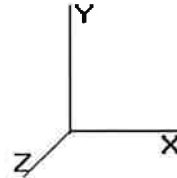
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.260	0.141	1.123	0.00	24.60
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	8.260	0.141	1.123	0.00	24.60
85.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	8.260	0.141	1.123	0.00	18.90
85.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	8.260	0.141	1.123	0.00	15.00
90.00	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.396	0.145	1.134	0.00	1.50
90.00	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	8.396	0.145	1.134	0.00	36.50
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.396	0.145	1.134	0.00	24.60
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	8.396	0.145	1.134	0.00	24.60
90.00	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	8.396	0.145	1.134	0.00	18.90
90.00	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	8.396	0.145	1.134	0.00	15.00
91.42	(2) 1/2" Coax	Yes	1.42	0.000	0.00	0.00	0.00	8.433	0.147	1.141	0.00	0.43
91.42	(2) 2" Conduit	Yes	1.42	0.000	2.38	0.28	0.00	8.433	0.147	1.141	0.00	10.34
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	0.00	0.00	0.00	8.433	0.147	1.141	0.00	6.97
91.42	(6) 1 5/8" Coax	Yes	1.42	0.000	1.98	0.23	0.00	8.433	0.147	1.141	0.00	6.97
91.42	(6) 1 1/4" Coax	Yes	1.42	0.000	1.55	0.18	0.00	8.433	0.147	1.141	0.00	5.35
91.42	(3) 1 1/4" Hybriflex	Yes	1.42	0.000	1.54	0.18	0.00	8.433	0.147	1.141	0.00	4.25
95.00	(2) 1/2" Coax	Yes	3.58	0.000	0.00	0.00	0.00	8.526	0.149	1.146	0.00	1.07
95.00	(2) 2" Conduit	Yes	3.58	0.000	2.38	0.71	0.00	8.526	0.149	1.146	0.00	26.16
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	0.00	0.00	0.00	8.526	0.149	1.146	0.00	17.63
95.00	(6) 1 5/8" Coax	Yes	3.58	0.000	1.98	0.59	0.00	8.526	0.149	1.146	0.00	17.63
95.00	(6) 1 1/4" Coax	Yes	3.58	0.000	1.55	0.46	0.00	8.526	0.149	1.146	0.00	13.54
95.00	(3) 1 1/4" Hybriflex	Yes	3.58	0.000	1.54	0.46	0.00	8.526	0.149	1.146	0.00	10.75
98.00	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	8.602	0.151	1.154	0.00	0.90
98.00	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	8.602	0.151	1.154	0.00	21.90
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	8.602	0.151	1.154	0.00	14.76
98.00	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	8.602	0.151	1.154	0.00	14.76
98.00	(6) 1 1/4" Coax	Yes	3.00	0.000	1.55	0.39	0.00	8.602	0.151	1.154	0.00	11.34
98.00	(3) 1 1/4" Hybriflex	Yes	3.00	0.000	1.54	0.38	0.00	8.602	0.151	1.154	0.00	9.00
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.151	1.154	0.00	0.60
100.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	8.652	0.151	1.154	0.00	14.60
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.151	1.154	0.00	9.84
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	8.652	0.151	1.154	0.00	9.84
100.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	8.652	0.151	1.154	0.00	7.56
100.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	8.652	0.151	1.154	0.00	6.00
105.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.774	0.154	1.162	0.00	1.50
105.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	8.774	0.154	1.162	0.00	36.50
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.774	0.154	1.162	0.00	24.60
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	8.774	0.154	1.162	0.00	24.60
105.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	8.774	0.154	1.162	0.00	18.90
105.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	8.774	0.154	1.162	0.00	15.00
110.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.891	0.158	1.175	0.00	1.50
110.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	8.891	0.158	1.175	0.00	36.50
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.891	0.158	1.175	0.00	24.60
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	8.891	0.158	1.175	0.00	24.60
110.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	8.891	0.158	1.175	0.00	18.90
110.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	8.891	0.158	1.175	0.00	15.00
115.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.005	0.163	1.188	0.00	1.50
115.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	9.005	0.163	1.188	0.00	36.50
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.005	0.163	1.188	0.00	24.60
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	9.005	0.163	1.188	0.00	24.60
115.0	(6) 1 1/4" Coax	Yes	5.00	0.000	1.55	0.65	0.00	9.005	0.163	1.188	0.00	18.90
115.0	(3) 1 1/4" Hybriflex	Yes	5.00	0.000	1.54	0.64	0.00	9.005	0.163	1.188	0.00	15.00
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.027	0.165	1.196	0.00	0.30
116.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.027	0.165	1.196	0.00	7.30
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.027	0.165	1.196	0.00	4.92
116.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.98	0.17	0.00	9.027	0.165	1.196	0.00	4.92
116.0	(6) 1 1/4" Coax	Yes	1.00	0.000	1.55	0.13	0.00	9.027	0.165	1.196	0.00	3.78

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:28 AM
 Page: 33

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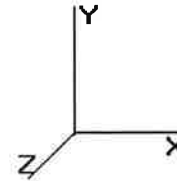
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor: 1.10		Wind Importance Factor: 1.00
Dead Load Factor: 1.00		
Wind Load Factor: 1.00		

116.0	(3) 1 1/4" Hybriflex	Yes	1.00	0.000	1.54	0.13	0.00	9.027	0.165	1.196	0.00	3.00
118.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.071	0.167	1.201	0.00	0.60
118.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.071	0.167	1.201	0.00	14.60
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.071	0.167	1.201	0.00	9.84
118.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	9.071	0.167	1.201	0.00	9.84
118.0	(6) 1 1/4" Coax	Yes	2.00	0.000	1.55	0.26	0.00	9.071	0.167	1.201	0.00	7.56
118.0	(3) 1 1/4" Hybriflex	Yes	2.00	0.000	1.54	0.26	0.00	9.071	0.167	1.201	0.00	6.00
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.115	0.099	0.000	0.00	0.60
120.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.115	0.099	0.000	0.00	14.60
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.115	0.099	0.000	0.00	9.84
120.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	9.115	0.099	0.000	0.00	9.84
125.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.222	0.101	1.003	0.00	1.50
125.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	9.222	0.101	1.003	0.00	36.50
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.222	0.101	1.003	0.00	24.60
125.0	(6) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	9.222	0.101	1.003	0.00	24.60
128.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	9.284	0.103	1.010	0.00	0.90
128.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	9.284	0.103	1.010	0.00	21.90
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	9.284	0.103	1.010	0.00	14.76
128.0	(6) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	9.284	0.103	1.010	0.00	14.76
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.326	0.057	0.000	0.00	0.60
130.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.326	0.057	0.000	0.00	14.60
130.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.326	0.057	0.000	0.00	9.84
135.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.427	0.059	0.000	0.00	1.50
135.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	9.427	0.059	0.000	0.00	36.50
135.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.427	0.059	0.000	0.00	24.60
139.3	(2) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	9.512	0.060	0.000	0.00	1.30
139.3	(2) 2" Conduit	Yes	4.33	0.000	2.38	0.86	0.00	9.512	0.060	0.000	0.00	31.63
140.0	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	9.525	0.061	0.000	0.00	0.20
140.0	(2) 2" Conduit	Yes	0.67	0.000	2.38	0.13	0.00	9.525	0.061	0.000	0.00	4.87
144.4	(2) 1/2" Coax	Yes	4.42	0.000	0.00	0.00	0.00	9.610	0.062	0.000	0.00	1.33
144.4	(2) 2" Conduit	Yes	4.42	0.000	2.38	0.88	0.00	9.610	0.062	0.000	0.00	32.24
145.0	(2) 1/2" Coax	Yes	0.58	0.000	0.00	0.00	0.00	9.621	0.063	0.000	0.00	0.17
145.0	(2) 2" Conduit	Yes	0.58	0.000	2.38	0.12	0.00	9.621	0.063	0.000	0.00	4.26
148.0	(2) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	9.678	0.063	0.000	0.00	0.90
148.0	(2) 2" Conduit	Yes	3.00	0.000	2.38	0.60	0.00	9.678	0.063	0.000	0.00	21.90
150.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.715	0.064	0.000	0.00	0.60
150.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.715	0.064	0.000	0.00	14.60
155.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.806	0.066	0.000	0.00	1.50
155.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	9.806	0.066	0.000	0.00	36.50
160.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.896	0.068	0.000	0.00	1.50
160.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	9.896	0.068	0.000	0.00	36.50
165.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.983	0.071	0.000	0.00	1.50
165.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	9.983	0.071	0.000	0.00	36.50
170.0	(2) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.069	0.074	0.000	0.00	1.50
170.0	(2) 2" Conduit	Yes	5.00	0.000	2.38	0.99	0.00	10.069	0.074	0.000	0.00	36.50
171.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.085	0.076	0.000	0.00	0.30
171.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.085	0.076	0.000	0.00	7.30
Totals:											0.00	3,396.37

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

1/16/2014 11:31:28 AM
 Page: 34



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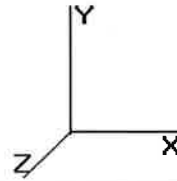
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	132.32	2,018.85	0.00	0.00
10.00	129.99	1,989.16	0.00	0.00
15.00	127.66	1,959.46	0.00	0.00
20.00	136.93	1,970.36	0.00	0.00
25.00	123.00	1,899.31	0.00	0.00
30.00	120.77	1,869.62	0.00	0.00
35.00	123.77	1,839.92	0.00	0.00
40.00	126.05	1,810.22	0.00	0.00
45.00	127.75	1,780.53	0.00	0.00
50.00	130.56	2,974.61	0.00	0.00
53.00	78.34	1,758.29	0.00	0.00
55.00	52.23	613.19	0.00	0.00
60.00	131.86	1,515.15	0.00	0.00
65.00	132.00	1,489.70	0.00	0.00
70.00	131.85	1,464.25	0.00	0.00
75.00	131.45	1,438.79	0.00	0.00
80.00	130.81	1,413.34	0.00	0.00
85.00	129.95	1,387.88	0.00	0.00
90.00	128.90	1,362.43	0.00	0.00
91.42	36.10	381.39	0.00	0.00
95.00	92.32	1,555.79	0.00	0.00
98.00	76.69	1,284.09	0.00	0.00
100.0	50.76	462.09	0.00	0.00
105.0	126.35	1,140.37	0.00	0.00
110.0	124.66	1,119.16	0.00	0.00
115.0	122.83	1,097.95	0.00	0.00
116.0	95.27	556.04	0.00	0.00
118.0	567.98	2,153.54	0.00	0.00
120.0	47.93	414.59	0.00	0.00
125.0	118.78	1,021.62	0.00	0.00
128.0	196.78	681.99	0.00	0.00
130.0	46.20	387.78	0.00	0.00
135.0	916.72	2,981.30	0.00	1,732.37
139.3	96.99	746.21	0.00	0.00
140.0	14.89	182.71	0.00	0.00
144.4	97.90	1,193.31	0.00	0.00
145.0	12.73	83.16	0.00	0.00
148.0	542.51	1,700.54	0.00	0.00
150.0	42.81	257.62	0.00	0.00
155.0	105.42	632.17	0.00	0.00
160.0	1,524.44	4,558.60	0.00	0.00
165.0	99.73	530.98	0.00	0.00
170.0	96.75	514.01	0.00	0.00
171.0	306.60	926.87	0.00	0.00
175.0	74.65	364.79	0.00	0.00
178.5	851.64	2,215.29	0.00	1,237.15
Totals:	8,812.65	61,699.02	0.00	2,969.51

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:28 AM

Page: 35

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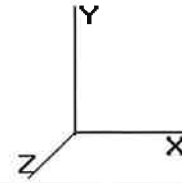
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	21 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-61.70	-8.82	0.00	-1,091.04	0.00	1,091.04	6,164.54	3,082.27	18,158.3	9,092.69	0.00	0.00	0.130
5.00	-59.67	-8.72	0.00	-1,046.92	0.00	1,046.92	6,108.61	3,054.31	17,675.6	8,850.97	0.01	-0.02	0.128
10.00	-57.68	-8.61	0.00	-1,003.34	0.00	1,003.34	6,050.81	3,025.41	17,193.4	8,609.50	0.05	-0.05	0.126
15.00	-55.72	-8.50	0.00	-960.29	0.00	960.29	5,991.14	2,995.57	16,712.0	8,368.43	0.11	-0.07	0.124
20.00	-53.75	-8.39	0.00	-917.78	0.00	917.78	5,929.59	2,964.80	16,231.6	8,127.91	0.20	-0.10	0.122
25.00	-51.84	-8.28	0.00	-875.85	0.00	875.85	5,866.18	2,933.09	15,752.7	7,888.07	0.32	-0.12	0.120
30.00	-49.97	-8.18	0.00	-834.44	0.00	834.44	5,800.89	2,900.44	15,275.4	7,649.08	0.46	-0.15	0.118
35.00	-48.13	-8.07	0.00	-793.55	0.00	793.55	5,733.73	2,866.86	14,800.1	7,411.07	0.62	-0.17	0.115
40.00	-46.31	-7.96	0.00	-753.19	0.00	753.19	5,664.70	2,832.35	14,327.0	7,174.19	0.82	-0.20	0.113
45.00	-44.53	-7.85	0.00	-713.39	0.00	713.39	5,593.79	2,796.90	13,856.5	6,938.58	1.03	-0.22	0.111
50.00	-41.55	-7.72	0.00	-674.17	0.00	674.17	5,521.02	2,760.51	13,388.9	6,704.40	1.28	-0.25	0.108
53.00	-39.79	-7.64	0.00	-651.01	0.00	651.01	4,440.13	2,220.06	10,789.7	5,402.88	1.44	-0.26	0.129
55.00	-39.18	-7.60	0.00	-635.73	0.00	635.73	4,419.76	2,209.88	10,648.2	5,332.01	1.55	-0.27	0.128
60.00	-37.66	-7.48	0.00	-597.74	0.00	597.74	4,367.53	2,183.77	10,295.0	5,155.16	1.86	-0.30	0.125
65.00	-36.17	-7.36	0.00	-560.34	0.00	560.34	4,313.43	2,156.72	9,942.96	4,978.87	2.19	-0.33	0.121
70.00	-34.70	-7.23	0.00	-523.56	0.00	523.56	4,257.46	2,128.73	9,592.32	4,803.29	2.55	-0.36	0.117
75.00	-33.26	-7.11	0.00	-487.39	0.00	487.39	4,199.61	2,099.81	9,243.38	4,628.56	2.95	-0.39	0.113
80.00	-31.84	-6.99	0.00	-451.84	0.00	451.84	4,139.90	2,069.95	8,896.44	4,454.83	3.37	-0.42	0.109
85.00	-30.45	-6.86	0.00	-416.91	0.00	416.91	4,078.31	2,039.15	8,551.80	4,282.26	3.83	-0.45	0.105
90.00	-29.09	-6.73	0.00	-382.61	0.00	382.61	4,014.84	2,007.42	8,209.74	4,110.97	4.31	-0.48	0.100
91.42	-28.71	-6.70	0.00	-373.08	0.00	373.08	3,996.52	1,998.26	8,113.33	4,062.70	4.45	-0.48	0.099
95.00	-27.15	-6.60	0.00	-349.08	0.00	349.08	3,949.51	1,974.76	7,870.56	3,941.13	4.83	-0.51	0.095
98.00	-25.86	-6.52	0.00	-329.28	0.00	329.28	3,056.80	1,528.40	6,090.92	3,049.99	5.15	-0.52	0.116
100.00	-25.40	-6.47	0.00	-316.24	0.00	316.24	3,039.33	1,519.67	5,992.84	3,000.87	5.37	-0.53	0.114
105.00	-24.26	-6.35	0.00	-283.88	0.00	283.88	2,994.36	1,497.18	5,748.30	2,878.42	5.95	-0.56	0.107
110.00	-23.14	-6.22	0.00	-252.14	0.00	252.14	2,947.52	1,473.76	5,504.94	2,756.56	6.55	-0.59	0.099
115.00	-22.04	-6.10	0.00	-221.02	0.00	221.02	2,898.80	1,449.40	5,263.06	2,635.44	7.19	-0.62	0.091
116.00	-21.48	-6.00	0.00	-214.92	0.00	214.92	2,888.83	1,444.42	5,214.89	2,611.32	7.32	-0.63	0.090
118.00	-19.33	-5.41	0.00	-202.92	0.00	202.92	2,868.67	1,434.34	5,118.76	2,563.19	7.59	-0.64	0.086
120.00	-18.92	-5.36	0.00	-192.10	0.00	192.10	2,848.21	1,424.11	5,022.95	2,515.21	7.86	-0.65	0.083
125.00	-17.90	-5.24	0.00	-165.28	0.00	165.28	2,795.75	1,397.88	4,784.90	2,396.01	8.55	-0.68	0.075
128.00	-17.22	-5.04	0.00	-149.56	0.00	149.56	2,763.38	1,381.69	4,643.19	2,325.05	8.98	-0.69	0.071
130.00	-16.83	-4.99	0.00	-139.49	0.00	139.49	2,741.42	1,370.71	4,549.21	2,277.99	9.28	-0.70	0.067
135.00	-13.86	-4.04	0.00	-112.79	0.00	112.79	2,685.21	1,342.61	4,316.17	2,161.29	10.02	-0.72	0.057
139.33	-13.11	-3.94	0.00	-95.27	0.00	95.27	2,634.99	1,317.49	4,116.57	2,061.34	10.69	-0.74	0.051
140.00	-12.93	-3.92	0.00	-92.64	0.00	92.64	2,627.14	1,313.57	4,086.07	2,046.07	10.79	-0.74	0.050
144.42	-11.73	-3.81	0.00	-75.31	0.00	75.31	1,915.99	957.99	2,941.41	1,472.89	11.49	-0.76	0.057
145.00	-11.65	-3.80	0.00	-73.09	0.00	73.09	1,911.69	955.84	2,923.20	1,463.77	11.58	-0.76	0.056
148.00	-9.96	-3.24	0.00	-61.69	0.00	61.69	1,889.17	944.59	2,829.77	1,416.99	12.06	-0.77	0.049
150.00	-9.70	-3.19	0.00	-55.22	0.00	55.22	1,873.79	936.89	2,767.71	1,385.91	12.38	-0.78	0.045
155.00	-9.07	-3.08	0.00	-39.26	0.00	39.26	1,834.01	917.01	2,613.49	1,308.69	13.21	-0.79	0.035
160.00	-4.53	-1.49	0.00	-23.86	0.00	23.86	1,792.37	896.18	2,460.85	1,232.25	14.04	-0.80	0.022
165.00	-4.00	-1.39	0.00	-16.39	0.00	16.39	1,748.85	874.42	2,310.07	1,156.75	14.89	-0.81	0.016
170.00	-3.49	-1.28	0.00	-9.46	0.00	9.46	1,703.46	851.73	2,161.44	1,082.33	15.74	-0.82	0.011
171.00	-2.57	-0.96	0.00	-8.18	0.00	8.18	1,694.16	847.08	2,132.00	1,067.58	15.91	-0.82	0.009
175.00	-2.20	-0.88	0.00	-4.33	0.00	4.33	1,656.20	828.10	2,015.26	1,009.13	16.60	-0.82	0.006
178.50	0.00	-0.85	0.00	-1.24	0.00	1.24	1,622.00	811.00	1,914.55	958.70	17.20	-0.82	0.001

Pole : 302467
 Location : Bilkays Express, CT
 Height : 178.5 (ft)
 Base Dia : 72.00 (in)
 Top Dia : 29.00 (in)
 Shape : 18 Sides
 Taper : 0.251401 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



1/16/2014 11:31:29 AM

Page: 36

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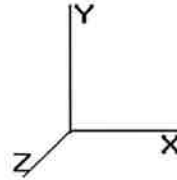
Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	48.93	0.00	73.98	0.00	0.00	6018.08	0.00	0.67
0.9D + 1.6W	47.46	0.00	55.47	0.00	0.00	5847.49	53.00	0.65
1.2D + 1.0Di + 1.0Wi	10.29	0.00	119.28	0.00	0.00	1257.46	0.00	0.16
1.0D + 1.0W	8.82	0.00	61.70	0.00	0.00	1091.04	0.00	0.13

Pole : 302467
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1/16/2014 11:31:29 AM
 Page: 37



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Base Summary

Reactions

Original Design			Analysis			Moment Design %
Moment (kip-ft)	Axial (kip)	Shear (kip)	Moment (kip-ft)	Axial (kip)	Shear (kip)	
5,025.00	56.80	39.90	6,018.08	119.28	48.93	88.71

Base Plate

Yield (ksi)	Thick (in)	Width (in)	Style	Poly Sides	Clip Len (in)	Effective Len (in)	Mu (kip-in)	Phi Mn (kip-in)	Ratio
60.0	2.750	85.000	Round	0	0.00	11.426	660.77	1166.52	0.57

Anchor Bolts

Bolt Circle	Num Bolts	Bolt Type	Bolt Dia (in)	Yield (ksi)	Ultimate (ksi)	Arrange	Cluster Dist (in)	Start Angle (deg)	Compression			Tension		
									Force (kip)	Allow (kip)	Ratio	Force (kip)	Allow (kip)	Ratio
79.00	20	2.25" 18J	2.25	75.00	100.00	Radial	0.00	0.0	188.79	260.00	0.74	176.86	260.00	0.70