

## Communications Tower Data Entry Form -- HEADER SHEET

**Unit:**

**Comm.Tower ID # :**

**Comm.Tower Name:**

**Location:**

**Category:**

**Size (LF Height):**

**Maintenance Level:**

**Remoteness Factor:** **1**

(Fill in: If Roaded Remote, 1.15; Wilderness/Primitive Remote, 1.5; Historic, 1.5; Roaded Remote & Historic, 1.65; Wilderness Remote & Historic, 2.00)

**Historic Status:**

(Fill in: E=eligible, I=ineligible, L=listed, U=undetermined)

**Inspector Name:**

**Inspection Date:**

**Year Constructed:**

**Year Surveyed:**

**Benefitting Function:** **NFFA**

(Fill in: NFFA(facilities), QMQM(quarters), NFRM(recreation), NFFV(reforestation), NFRV(range), NFHR(heritage), etc.)

NOTE: Information entered on this sheet is automatically transferred to the following spreadsheets.

### Comm.Tower Data Entry Form -- ANNUAL MAINTENANCE

Unit: 0 Benefitting function: NFFA Maintenance Level: 0 Remoteness Factor = 1	Category: 0 Location: 0	ID #: 0 Name: 0 Size (LF Height): 0 Historic : 0	Inspector Name: 0 Inspection Date: 01/00/00 Year Constructed: 0 Year Surveyed: 0					
PRIORITY for FUNDING: 1 High Safety Hazard 2 Safety Hazard 3 Structural Hazard 4 Not According to Code 5 Critical Maintenance 6 Energy Conservation 7 Routine Maintenance 8 Outdated/Nice to Have								
CSI Division	Description	Measurements	Annual Maint Cost	Priority for				
		Quantity	Units	Cost/unit	H&S	Res	Mis	Funding

#### 10100 GENERAL AND SITE WORK

##### Division 1 - General

General	Misc. Annual Maintenance and Repair (Small Items, Break Downs) Costs are per l.f. of tower height	0	LF-Twr.Height	\$1.50			\$0	7
Management	Direct costs only including specific proj prep, procurement, and, Contract Administration (.50 s.f. of tower height)	0	LF-Twr.Height	\$0.50			\$0	7
Other							\$0	7
Other							\$0	7
Division 2 - Site Work							\$0	
Driveways, Parking	Seal Coat, Repaving, Restripping, Grading, Rock Replacement, etc (.04 / s.f. of driveway)	SF	\$0.04				\$0	7
Sidewalks, Trails	PMR&R (.18 / s.f. of walk or trail)	SF	\$0.18				\$0	7
Signage, Exterior	PMR&R ( actual-site specific )	EA					\$0	7
Site Drainage	Culvert, Catch Basin, Ditch Clearing ( actual-site specific )	Site					\$0	7
Landscaping	Tree Removal, Trimming, Plant Replacement ( actual-site specific ) (not lawn mowing or upkeep of grounds)	Site					\$0	7
Fences, Guard rails	PMR&R ( actual-site specific )	LF					\$0	7
Other							\$0	7
Other							\$0	7

#### 20200 ARCHITECTURAL WORK (Divisions 3 to 14)

Division 3 - Concrete - Incl w/Tower							Architectural Totals:	\$0	\$0	\$0
Other								\$0		7
Division 4 - Masonry								\$0		
Other								\$0		7
Division 5 - Metals								\$0		
Metal Tower	PMR&R	EA	\$20.00					\$0		7
Other								\$0		7
Division 6 - Wood								\$0		
"Telephone" Poles	PMR&R	EA	\$33.00					\$0		7
Other								\$0		7
Division 7 - Thermal & Moisture Protection								\$0		
Other								\$0		7
Division 8 - Doors & Windows								\$0		
Other								\$0		7
Division 9 - Finishes								\$0		
Other								\$0		7
Division 10 - Specialties								\$0		
Other								\$0		7
Division 11 - Equipment								\$0		
Antennas	PMR&R	EA	\$75.00					\$0		7
Filtering Equipment	PMR&R	EA	\$50.00					\$0		7
Other								\$0		7
Division 12 - Furnishings								\$0		
Other								\$0		7
Division 13 - Special Construction								\$0		
Other								\$0		7
Division 14 - Conveying Systems								\$0		
Other								\$0		7

#### 31500 MECHANICAL WORK

Mechanical Totals: \$0 \$0 \$0

### Comm.Tower Data Entry Form -- ANNUAL MAINTENANCE

Unit: 0 Benefitting function: NFFA Maintenance Level: 0 Remoteness Factor = 1	Category: 0 Location: 0	ID #: 0 Name: 0 Size (LF Height): 0 Historic : 0	Inspector Name: 0 Inspection Date: 01/00/00 Year Constructed: 0 Year Surveyed: 0
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PRIORITY for FUNDING: 1 High Safety Hazard 2 Safety Hazard 3 Structural Hazard 4 Not According to Code 5 Critical Maintenance 6 Energy Conservation 7 Routine Maintenance 8 Outdated/Nice to Have							
CSI Division	Measurements			Annual Maint Cost		Priority for	
	Description	Quantity	Units	Cost/unit	H&S	Res	Mis

Division 15 - Mechanical				\$0
Other				\$0 7

#### 416000 ELECTRICAL WORK

Division 16 - Electrical				\$0
Power Distribution, Cables, Transformers Meters, Switchgear, Breakers, Fuses	PMR&R ( actual-site specific )			\$0 7
Solar Panels	PMR&R, (smaller panels:\$50/yr/ea, larger panels \$60/yr/ea)	EA	\$50.00	\$0 7
Grounding System	PMR&R (regular:\$12.50/yr/ea, large: \$25/yr/ea)	EA	\$12.50	\$0 7
Battery System	PMR&R (small: \$50, reg.: \$100, large: \$350, XL: \$400)	EA		\$0 7
Other		EA		\$0 7

Location Factor or Multiplier = 1

TOTAL	\$0	\$0	\$0
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## Communications Tower Data Entry Form -- DEFERRED MAINTENANCE

Benefitting Function: NFFA									
Unit:	0	Catagory:	0	ID #:	0	Name:	0	Inspector Name: 0 Inspection Date: 1/0/1900	
								Year Constructed: 0 Year Surveyed: 0	
Remoteness Factor = 1		Location: Maintenance Level: 0		Size (LF): 0		Historic : 0			
PRIORITY for FUNDING: 1 High Safety Hazard    2 Safety Hazard    3 Structural Hazard    4 Not According to Code 5 Critical Maintenance    6 Energy Conservation    7 Routine Maintenance    8 Outdated/Nice to Have									
CSI Division				Measurements				Deferred Maint Cost	Priority for
	Description	Deficiencies	Quantity	Units	Cost/unit	H&S	Res	Mis	Funding

### 101000 GENERAL AND SITE WORK

General and Site Work Totals:      \$0      \$0      \$0

Division 1 - General									
Other									0
Other									0
Division 2 - Site Work									
Driveways, Parking	Seal Coat, Repaving, Restripping, Grading, Rock Replacement, etc (.89 s.f. of driveway)			SF	\$0.89				0
Sidewalks, Trails	( 4.38 / s.f. of walk or trail)			SF	\$4.38				0
Signage, Exterior	( actual-site specific )			EA					0
Site Drainage	Culvert, Catch Basin, Ditch Clearing (actual-site specific )			Site					0
Landscaping	Tree Removal, Trimming, Plant Replacement ( actual-site specific ) (not lawn mowing or upkeep of grounds)			EA					0
Fences, Guard rails	( actual-site specific )			LF					0
Other									0

### 202000 ARCHITECTURAL WORK (Divisions 3 to 14)

Architectural Totals:      \$0      \$0      \$0

Division 3 - Concrete									
Foundations, Slabs	( 3.00 s.f of floor area if crawl space - 8.00 s.f if basement)			0	SF-Flr Area				0
Retaining Walls	( actual-site specific )			SF					0
Precast, etc.	( actual-site specific )			SF					0
Other									0
Other									0
Division 4 - Masonry									

## Communications Tower Data Entry Form -- DEFERRED MAINTENANCE

Benefitting Function: NFFA									
Unit:	0	Category:	0	ID #:	0				
		Location:	0	Name:	0				
		Maintenance Level:	0	Size (LF):	0				
Remoteness Factor =	1			Historic :	0				
PRIORITY for FUNDING: 1 High Safety Hazard    2 Safety Hazard    3 Structural Hazard    4 Not According to Code 5 Critical Maintenance    6 Energy Conservation    7 Routine Maintenance    8 Outdated/Nice to Have									
CSI Division	Description	Deficiencies	Quantity	Measurements		Deferred Maint Cost		Priority for	
				Units	Cost/unit	H&S	Res	Mis	Funding
Retaining Walls	Tuck Pointing, Silicone Sealer, Expansion Joint Caulking (actual-site specific)			SF					0
Other									0
Other									0
Division 5 - Metals									
Metal Tower	(small: \$500, large: \$600)			EA	\$500.00				0
Rails, Posts, etc.	( actual-site specific )			EA					
Other									0
Other									0
Division 6 - Wood									
"Telephone" Poles	( actual-site specific )			EA	\$500.00				0
Other									0
Other									0
Division 7 - Thermal & Moisture Protection									0
Other									0
Other									0
Division 8 - Doors & Windows									
Other									0
Division 9 - Finishes									
Painting-Exterior	.77 per s.f of wall area			SF-Wall Area	\$0.77				0
Other									0
Other									0
Division 10 - Specialties									
Other									0
Division 11 - Equipment									
Antennas	(small: \$500, large: \$750)			EA	\$500.00				0
Filtering Equipment	( actual-site specific )			Ea	\$500.00				0
Specialty Equipment	( actual-site specific )								0
Other									0
Other									0
Division 12 - Furnishings									
Other									0
Division 13 - Special Construction									
Other									0
Division 14 - Conveying Systems									
Other									0

**Communications Tower Data Entry Form -- DEFERRED MAINTENANCE**

Benefitting Function: NFFA									
Unit:	0	Category:	0	ID #:	0	Inspector Name: 0			
		Location:	0	Name:	0	Inspection Date: 1/0/1900			
		Maintenance Level:	0	Size (LF):	0	Year Constructed: 0			
Remoteness Factor =	1			Historic :	0	Year Surveyed: 0			
PRIORITY for FUNDING: 1 High Safety Hazard 2 Safety Hazard 3 Structural Hazard 4 Not According to Code 5 Critical Maintenance 6 Energy Conservation 7 Routine Maintenance 8 Outdated/Nice to Have									
CSI Division				Measurements		Deferred Maint Cost		Priority for Funding	
	Description	Deficiencies	Quantity	Units	Cost/unit	H&S	Res	Mis	
<b>315000 MECHANICAL WORK</b>						<b>Mechanical Totals:</b>	\$0	\$0	\$0
Division 15 - Mechanical									
Other									0
<b>416000 ELECTRICAL WORK</b>						<b>Electrical Totals:</b>	\$0	\$0	\$0
Division 16 - Electrical									
Power Distribution, Cables, Transformers	( actual-site specific )								0
Meters, Switchgear, Breakers, Fuses									0
Solar Panels	(smaller panels: \$500, larger panels: \$600)		EA		\$500.00				0
Battery Systems	(small: \$500, reg.: \$1000, large: \$3500, XL: \$4000)		EA		\$1,000.00				0
Grounding System	(regular: \$500, large: \$1000)		EA		\$500.00				0
Other									0
Location Factor or Multiplier =	1								
						<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### Building Data Entry Form -- W.O. Summary

ID #: 0 Name: 0 Catagory: 0 Benef.Funct.: NFFA	Size (GSF): 0 Inspection Date: 1/0/1900 Inspector Name: 0	Maintenance Level: 0 Year Surveyed: 0 Cost Data: Means	Year constructed: 0 Historical: 0 Age (years): 0	9/3/2004								
Item	Description	Annual Maint. Cost				Deferred Maint. Cost				Critical	Project Number	
		Quantity	Unit Cost	Total	H&S	Res.	Mis.	Total	H&S	Res.	Mis.	
<b>101000 SITE WORK</b>				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>202000 ARCHITECTURAL WORK (Divisons 3 to 14)</b>				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>315000 MECHANICAL WORK</b>				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>416000 ELECTRICAL WORK</b>				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>				\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0
<b>Annual Maintenance Grand Total =</b> <span style="background-color: #d9e1f2; padding: 2px;">\$0</span>						<span style="background-color: #ffffcc; padding: 2px;">\$0</span> = <b>Deferred Maintenance Grand Total</b>						

Form adapted from Means Facilities Maintenance Standards, 1988 edition by R.S. Means Company, Inc.