

Data Collection Form for Buildings-PML Study

Country: St Kitts and Nevis - St Kitts Island

Form No. PML-1: 8/28/98

Police Stations

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$	
1	St George	1952	20'	0.2		FE	BS	100	3	ABOVE	SK-1	FLAT	O	CS	WT	RC	RCB	Y	N	BLKS	TW	FL	N			1								
1A	St George	1971	8'	0.1		FE	BS	100	1	BELOW	SK-1	GABLE	MPS	O	ST	STL	RCB	Y	N	BLKS	C	FL	Y		1,800,000	1								
2	St George	1972	300'	0.7		FE	BS	100	2	BELOW	SK-1	GABLE	MPS	O	SB	STL	RCB	Y	N	BLKS	TW	HR	Y		500,000	1		100,000			300,000			
3	St Thomas	1968	40'	0.11		FE	BS	100	2	AVG	SK-1	O	MPS	WB	WT	RC	RCB	Y	N	BLKS	C	FL	Y		952,000	1		100,000			100,000			
4	St Anne	1942	70'	0.2		DK			2		SK-1	HIP	AS	PW	WBR	RC	RCB	Y	N	BLKS	FL	Y	Y		840,000	1		100,000			800,000			
5	St John	1971	200'	0.6		FE	BS	100	2	BELOW	SK-1	GABLE	MPS	O	STL	STL	RCB	Y	N	BLKS	TW	HR	Y		500,000	1					20,000			
6	St John	1950	200'	0.5		DK			1	BELOW	SK-1	HIP	MPS	WP	WBR	RC	RCB	DK	Y	BLKS	TW	FL	Y		130,000	1					150,000			
7	St Mary	1972	300'	0.7		FE	BS	100	2	BELOW	SK-1	GABLE	MPS	O	SB	STL	RCB	Y	N	BLKS	TW	HR	Y		500,000	1		100,000			300,000			

Fire Stations

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$		
9	St George	1968	8'	0.10		FE	BS	150	2	ABOVE	SK-1	GABLE	MPS	O	WT	RC	RCB	Y	N	O	C	FL	Y			1									

Hospitals & Health Centers

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$	
11	St George	1967	170'	0.5		NE			1	BELOW	SK-3	FLAT	O	PW	WBR	URM	URM	Y	N	SOG	OF	FL	Y		660,000	1					200,000			
12	St George	1967	170'	0.5		NE			1	BELOW	SK-3	FLAT	PW	WBR	URM	URM	URM	Y	N	SOG	OF	FL	Y		1,000,000	1					350,000			
13	St George	1999	170'	0.5		FE	O	143	1	ABOVE	SK-2	GABLE	MPS	O	STL	O	O	Y	Y	SOG	OF	FL	Y		860,000	1					300,000			
14	St George	1999	170'	0.5		FE	O	143	1	ABOVE	SK-2	GABLE	MPS	O	STL	O	O	Y	Y	SOG	OF	FL	Y		800,000	1					1,000,000			
15	St George	1999	170'	0.5		FE	O	100	1	ABOVE	SK-2	FLAT/O	RC/MPS	O	STL	RC	RCB	Y	N	BLKS	OF	FL	Y		1,600,000	1					100,000			
16	St George	1967	170'	0.5		NE			1	BELOW	SK-3	FLAT	O	PW	WBR	URM	URM	Y	N	SOG	OF	FL	Y		1,000,000	1					400,000			
17	St George	1999	170'	0.5		FE	O	143	1	BELOW	SK-2	FLAT	O	PW	STL	O	O	Y	N	SOG	OF	FL	Y		860,000	1					200,000			
18	St George	1967	170'	0.5		NE			1	BELOW	SK-3	FLAT	O	PW	WBR	URM	URM	Y	N	SOG	OF	FL	Y		3,000,000	1					1,600,000			
21	St Anne		60'	0.1		DK	NONE	NONE	1		SK-3	GABLE	MPS	PW	WBR	RM	RCB	Y	N	O	TW	CL	Y		500,000	1					100,000			
24	Christ Churc	1986	380'	0.8					1	AVG	SK-3	HIP	MPS	WB	WBR	RM	RCB	Y	N	BLKS	OF	HR	Y		800,000	1					100,000			5,000
25	St George	1949	40'	0.1		FE	BS		2	ABOVE	SK-2	FLAT	NONE	CS	RC	RC	RM	Y	N	O	TW	FL	Y		600,000	1					240,000			
26	St Mary										SK-3														300,000	1					25,000			
27	Christ Churc	1952	400'	0.9		DK			1	AVG	SK-3	HIP	AS	PW	WBR	RM	RCB	Y	N	BLKS	TW	FL	Y		160,000	1					25,000			
29	St John	1954	100'	0.2		NE			1	ABOVE	SK-3	GABLE	MPS	PW	WBR	RM	RCB	Y	N	BLKS	TW	FL	Y		260,000	1					25,000			
30	St John		50'	0.1		NE			1	ABOVE	SK-3	GABLE	AS	PW	WBR	RM	RCB	Y	N	BLKS	TW	FL	Y		370,000	1					25,000			
31	St John		150'	0.4		NE			1	OVER	SK-3	GABLE	MPS	PW	WBR	RM	RCB	Y	N	BLKS	TW	FL	Y		270,000	1					25,000			
32	St Anne	1955	80'	0.1		NE			1	BELOW	SK-3	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		270,000	1					25,000			
33	St Thomas		35'	0.1		DK			1	AVG	SK-3	GABLE	MPS	PW	WBR	RM	RCB	Y	N	BLKS	C	FL	Y		260,000	1					20,000			
34	St George	1975	8'	0		DK			1	AVG	SK-3	GABLE	MPS	PW	WBR	RM	RCB	Y	N	BLKS	C	FL	Y		600,000	1					500,000			

Port

1. Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construct Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$		
41	St George	1997	10	0		FE	ASCE-93	110	1	ABOVE	SK-2	HIP	MPS	WP	WT	RC	RCB	Y	Y	BLKS	C	FL	N		3,300,000	1		50,000							
42	St George	1991	25'	0		NE			2	AVG	SK-3	HIP	AS	PW	WBR	RC	RCB	Y	N	BLKS	C	HR	Y		800,000	1		210,000							
43	St George	1982	13'	0		FE			1	AVG	SK-2	HIP	MPS	O	O	RM	RCB	DK	N	BLKS	C	FL	Y		760,000	1		200,000							
43A	St George	1993	13'	0		DK			2		SK-3	HIP	AS	WP	WBR	RCB	RCB	Y	N	BLKS	OF	FL	Y			1									
44	St George	1986	10'	0		FE	SFBC	110	1	AVG	SK-2	GABLE	MPS	O	TSB	STL	RCB	RCB	Y	N/A	GB	C	FL	N		2,000,000	1		1,500,000						
45	St George	1980	12'	0		DK			1	BELOW	SK-3	O	MPS	O	SB	RM	RCB	Y	N	BLKS	C	FL	Y			1									

2. Wharf

1	2	3	4	5	6	7	8	9	10	11	12	13
Struc. No.	Yr. Bilt.	Elevation (ft.)	Code Used	Design Wave Ht. (ft.)	Constructn Quality	Surface	Decking	Decking Support	Vert. Load Support	Lateral Support	Foundatn	Rep. Cost
41A	1996	12.5		27.0	ABOVE	RC	RC	F111	PILES	TIE BACK	PILES	30,000,000
45A	1980	10		15.0	ABOVE	RC	RC	F111	PILES	TIE BACK	PILES	35,000,000

3. Pier

1	2	3	4	5	6	7	8	9	10	11	12	13
Struc. No.	Yr. Bilt.	Elevation (ft.)	Code Used	Design Wave Ht. (ft.)	Constructn Quality	Surface	Decking	Decking Support	Vert. Load Support	Lateral Support	Foundatn	Rep. Cost
41B	1996	9		15.6	ABOVE	RC	RC	RC	PILES	PILES	PILES	22,000,000

4. Lighting Towers

5. Equipment

6. Molasses Pipeline

7. Railroad Tracks

Airport

1. Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construct Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$	
51	St Peter	1998	130'	1.0		FE	O	150	2	AVG	SK-7	O	MPS	O	SB	STL	O	Y	N	GB	OF	FL	Y		36,000,000	2								
52	St Peter	1999	130'	1.0		FE	O	150	3	+	SK-7	FLAT	MPS	MD	SB	RC	RCB	Y	N	SOG	OF	FL	Y		2,000,000	2		4,000,000						
52A	St Peter	1999	130'	1.0		FE	O	150	1	+	SK-7	GABLE	MPS	CS	RC	RC	RCB	Y	N	SOG	OF	FL	Y		1,400,000	2		500,000						
53	St Peter	1974	130'	1.0		FE	O	120	1	ABOVE	SK-7	GABLE	MPS	O	SB	RC	RCB	Y	N	O	OF	FL	Y		300,000	2		1,000,000						
53A	St Peter	1974	130'	1.0		DK			2	OVER	SK-7	HIP	AS	PW	WBR	RCB	RCB	Y	N	BLKS	OF	FL	Y		320,000	2		30,000						
54	St Peter	1974	130'	1		FE	O	100	1	BELOW	SK-7	GABLE	MPS	O	TSB	STL	RCB	RCB	Y	N	BLKS	OF	FL	Y			2		1,000,000					

2. Lighting Towers

3. Runway

1	2	3	4
Parish	Length of Runway in feet	Rep. Cost per foot (\$)	Total Rep. Cost (\$)
St. Peter	8,000	10,000	80,000,000

Coast Guard Station

1. Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$
55	St George	1987	20'	0		FE	O	100	2	AVG	SK-8	GABLE	MPS	O	SB	STL	MP	Y	N	O	C	FL	Y		1,100,000	2		250,000					

2. Pier

1	2	3	4	5	6	7	8	9	10	11	12	13
Struc. No.	Yr. Bilt.	Elevation (ft.)	Code Used	Design Wave Ht. (ft.)	Constructn Quality	Surface	Decking	Decking Support	Vert. Load Support	Lateral Support	Foundatn	Rep. Cost
55A	1988	10		13.0	ABOVE	RC	RC	RC	PILES	PILES	PILES	750,000

Custom & Excise Department

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$
56	St George	1977	75'	0.1		FE	O	100	1	AVG	SK-8	GABLE	MPS	O	SB	STL	RCB	Y	N	BLKS	C	FL	Y		600,000	2		200,000					

Power Stations

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$
70	St Peter	1972	75'	0.8		FE	BS	100	1	ABOVE	SK-8	GABLE	MPS	O	SB	STL	MP	Y	N	O	OF	FL	Y		6,000,000	2		30,000,000		2,000,000			
71	St Peter	1999	75'	0.8		FE	BS	150	1	ABOVE	SK-8	GABLE	MPS	O	SB	STL	MP	Y	NA	O	OF	FL	Y		4,000,000	2		25,000,000		3,000,000			

Transmission Lines

1	2	3	4
Parish	Miles of Lines	Rep. Cost per Mile (\$)	Total Rep. Cost (\$)
St George	224	74,000	16,576,000
St Mary	40	74,000	2,960,000
Christ Church	8	35,000	280,000
St John	24	35,000	600,000
St Paul	12	35,000	420,000
St Anne	28	74,000	2,072,000
St Thomas	8	35,000	280,000
Trinity	8	35,000	280,000
St Peter	52	35,000	1,820,000

Utility Poles

1	2	3	4	5
Parish	No. of Poles	Design Wind Spd (mph)	Rep. Cost per Pole (\$)	Total Rep. Cost (\$)
St George	8000	90	1200	9,600,000
St Mary	1400	90	1200	1,680,000
Christ Church	300	90	1200	360,000
St Johns	800	90	1200	960,000
St Paul	500	90	1200	600,000
St Anne	1000	90	1200	1,200,000
St Thomas	300	90	1200	360,000
Trinity	300	90	1200	360,000
St Peters	1800	90	1200	2,160,000

Courthouses

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$	
90	St George	1997	15'	0		FE	O	110	3	ABOVE	SK-4	HIP	SSMR	O	SB	RC	RC	Y	N	O	C	FL	Y		7,000,000	2								

Government Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$	
91	St George	1963 / 1995	15'	0.1		FE	O	110	3	ABOVE	SK-4	FLAT		CS	RC	RC	RCB	Y	Y	O	C	FL	Y		15,000,000	2								

Public Market

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$	
92	St George	1978	10'	25		FE	BS	110	1	ABOVE	SK-5	GABLE	MPS	O	SB	STL	NONE	Y	N/A	BLKS	C	FL	Y			4								

Radio & TV Studios

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	RF-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$
93	St George	1958	155'	0.5		FE	BS	110	1	AVG	SK-4	HIP	MPS	WB	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		500,000	2							

Schools & Colleges

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construct Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Foundation	Surrounding Terrain	Topography	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$
101	St Mary	1986	340'	0.7		FE	OTHER	120	2	AVG	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	y	BLKS	TW	FL	Y		1,600,000	2		400,000					
102	St Mary	1971	340'	0.7		FE	OTHER	100	2	AVG	SK-6	GABLE	MPS	O	SB	STL	RCB	Y	N	BLKS	TW	FL	Y		1,000,000	2		400,000					
103	St Mary*	1971	340'	0.7		FE	OTHER	100	1	BELOW	SK-6	GABLE	MPS	O	ST	STL	RCB	Y	N	SOG	TW	FL	Y		2,300,000	2		420,000					
104	St Mary	1982	340'	0.7		FE	OTHER	125	1	ABOVE	SK-6	GABLE	MPS	PW	WT	RC	RCB	Y	N	BLKS	TW	FL	Y		2,000,000	2		100,000					
105	St George	1982	135'	0.3		FE	BS	100	2	AVG	SK-6	GABLE	MPS	PW	WT	RC	RCB	Y	N	BLKS	TW	FL	Y		2,500,000	2		110,000					
106	St George	1975	20'	0.1		FE	OTHER	120	1	BELOW	SK-6	GABLE	MPS	O	SB	STL	MP	Y	N	SOG	C	FL	Y		200,000	2		30,000					
106A	St George	1999	35'	0.1		FE	OTHER	100	2	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	C	FL	Y		1,106,000	2		30,000					
107	St George	1992	100'	0.6		FE	OTHER	143	1	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		2,000,000	2		3,000,000					
108	St John	1968	60'	0.2		FE	BS	100	1	BELOW	SK-6	GABLE	MPS	WP	ST	RC	RCB	Y	N	BLKS	C	FL	Y		3,000,000	2		80,000					
109	St Anne	1978	50'	0.1		FE	OTHER	100	2	AVG	SK-6	GABLE	MPS	O	SB	STL	RCB	Y	N	BLKS	C	CL	Y		1,000,000	2		425,000					
109A	St Anne	1999	50'	0.1		FE				ABOVE	SK-6			PW	WBR	RC	RCB	Y	N	BLKS	C	CL	Y			2		400,000					
110	St Anne	1978	50'	0.1		FE	OTHER	100	1	AVG	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	C	CL	Y		2,600,000	2		500,000					
111	St Anne	1982	25'	0		FE	OTHER	110	1	ABOVE	SK-6	GABLE	MPS	PW	WT	RC	RCB	Y	N	BLKS	C	FL	Y		1,700,000	2		100,000					
112	St John	1986	100'	0.3		FE	OTHER	100	1	AVG	SK-6	GABLE	MPS	PW	WT	RC	RCB	Y	N	BLKS	TW	FL	Y		1,600,000	2		70,000					
113	St George	1972	40'	0.1		FE	OTHER	100	1	ABOVE	SK-6	GABLE	MPS	WP	SB	RC	RCB	Y	N	BLKS	C	FL	Y		2,500,000	2		2,500,000					
114	St Thomas	1997	70'	0.2		FE	OTHER	120	2	ABOVE	SK-6	GABLE	MPS	WP	WBR	RC	RCB	Y	N	BLKS	C	FL	Y		2,600,000	2		250,000					
114A	St Thomas	1967	90'	0.2		FE	BS	120	1	ABOVE	SK-6		MPS				RCB	Y	N	BLKS	OF	FL	Y		3,000,000	2		410,000					
115	St John	1996	50'	0.1		FE	BS	100	1	AVG	SK-6	HIP	MPS	WP	WBR	RCB	RCB	Y	N	BLKS	C	FL	N		1,350,000	2		50,000					
116	St George	1996	100'	0.3		FE	OTHER	100	2	ABOVE	SK-6	HIP	MPS	WB	WT	RC	RCB	Y	N	BLKS	TW	FL	Y		7,000,000	2		1,500,000					
117	St George	1986	100'	0.6		FE	OTHER	100	1	ABOVE	SK-6	HIP	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		5,000,000	2		330,000					
118	St George	1972	100'	0.6		FE	OTHER	120	2	ABOVE	SK-6	GABLE	MPS	WB	WT	RC	RCB	Y	N	BLKS	TW	FL	Y		3,000,000	2		1,200,000					
119	St George	1961	60'	0.4		FE	BS	100	1	BELOW	SK-6	GABLE	MPS	PW	SB	STL	RCB	Y	N	BLKS	TW	FL	Y		3,500,000	2		530,000					
119A	St George	1957	60'	0.4		FE	BS	100	2	ABOVE	SK-6	GABLE / FLAT	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		6,000,000	2		3,000,000					
120	Trinity	1985	140'	0.1		FE	BS	100	1	BELOW	SK-6	HIP	MPS	PW	WBR	RC	RCB	Y	N	BLKS	OF	FL	N		1,600,000	2		150,000					
121	St George	1996	25'	0.3		NE			1	AVG	SK-6	HIP	AS	PW	WBR	RC	RCB	Y	N	BLKS	OF	FL	Y		1,200,000	2		150,000			30,000		
122	St Peters	1974	450'	2.0		FE	OTHER	120	1	AVG	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	OF	HR	Y		1,500,000	2		70,000					
123	St Peters	1996	450'	2.0		FE	OTHER	120	1	ABOVE	SK-6	HIP	MPS	PW	WBR	RM	RCB	Y	N	BLKS	OF	HR	Y		700,000	2		50,000					
124	St George	1987	15'	0.1		FE	OTHER	120	1	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	O	C	FL	Y		300,000	2		50,000					
125	Christ Church	1987	300'	1.0		FE	OTHER	120	1	AVG	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		850,000	2		50,000					
126	St Paul	1959	225'	0.8		FE	OTHER	120	1	AVG	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	OF	FL	Y		500,000	2		40,000					
127	St George	1966	8'	0		FE	BS	120	1	AVG	SK-6		MPS	O	ST	STL	RCB	Y	N	BLKS	C	FL	Y		1,386,000	2		80,000					
127A	St George	1999	8'	0		FE	OTHER	100	1	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	C	FL	Y		1,000,000	2		80,000					
128	St Peters	1982	85'	0.9		FE	OTHER	110	1	BELOW	SK-6	GABLE	MPS	O	SB	STL	MP	Y	Y	SOG	OF	FL	Y		300,000	2		100,000					
129	St Paul	1999	170'	0.4		FE	OTHER	100	1	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		1,300,000	2		70,000					

Pavements

1	2	3	4
Parish	Area Paved sq. ft.	Rep. Cost per sq. ft. (\$)	Total Rep. Cost (\$)
St George	265,000	8	2,000,000
St George			3,800,000
St Peter	350,000	70	24,500,000

Paved Roads

1	2	3	4
Parish	Miles of Road	Rep. Cost Per Mile	Total Rep. Cost
St Anne	24	573,000	13,752,000
St Thomas	7	573,000	4,011,000
Trinity	7	573,000	4,011,000
St Peter	44	573,000	25,212,000
St George	190	573,000	108,870,000
St Mary	34	573,000	19,482,000
Christ Church	7	573,000	4,011,000
St John	20	573,000	11,460,000
St Paul	10	573,000	5,730,000

Unpaved Roads

1	2	3	4
Parish	Miles of Road	Rep. Cost Per Mile	Total Rep. Cost
St George	34	36,000	1,224,000
St Mary	6	36,000	216,000
Christ Church	1	36,000	36,000
St John	4	36,000	144,000
St Paul	2	36,000	72,000
St Anne	4	36,000	144,000
St Thomas	1	36,000	36,000
Trinity	1	36,000	36,000
St Peter	8	36,000	288,000

Wastemanagement Collection Vehicles

1	2	3	4	5	6
Parish	No. of Vehicles	Cost per Vehicle (\$)	Max X-area of Veh. (sq. ft.)	Weight of Vehicle (lb.)	Total Rep. Cost
St George	4	200,000	172	14000	800,000
St Mary	1	200,000	172	14000	200,000
St Anne	1	200,000	172	14000	200,000

Wastemanagement Bins

1	2	3	4	5	6
Parish	No.of Bins	Cost per Bin (\$)	Max X-area of Bin (sq. ft.)	Weight of Bin (lb.)	Total Rep. Cost
St George	4	700	27	1,000	2,800
Trinity	1	700	27	1,000	700

Data Collection Form for Buildings-PML Study

Country: St Kitts and Nevis - Nevis Island

Police Stations

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$
201	St Paul	1998	15'	0.1		FE	O	143	2	ABOVE	SK-1	GABLE	MPS	WP	ST	RC	SP	Y	Y	OTHER	TW	FL	Y		4,500,000	1		150,000		300,000		
201 B	St Paul	1998	15'	0.1		DK			1	ABOVE	SK-3	GABLE	MPS	WP	WBR	RC	RCB	Y	NA	BLKS	TW	FL	Y			1		600,000				
202	St Thomas	1950's	200'	0.6		NE			1	BELOW	SK-3	HIP	MPS	WP	WBR	URM	RCB	Y	Y	BLKS	OF	HR	Y		250,000	1		25,000		100,000		
203	St George	1940	725'	1.8		NE		120	1	BELOW	SK-3	HIP	MPS	WP	WBR	RM	SP	Y	Y	BLKS	TW	HR	Y		285,000	1		25,000		100,000		
203A	St James	1983	40'	0.3		FE	BS	120	2	BELOW	SK-1	GABLE	MPS	O	SB	STL	RCB	Y	N	BLKS	C	FL	Y		350,000	1		50,000		200,000		

Hospital & Health Centers

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$
205	St Paul	1952	150'	0.6		FE	BS	120	1	AVG	SK-2	GABLE	MPS	RC	RC	RC	RCB	Y	N	BLKS	TW	FL	Y		276,000	1		105,000				
205 A	St Paul	1963	150'	0.6		DK			2	ABOVE	SK-3	HIP	MPS	WB	WBR	RC	RCB	DK	N	OTHER	TW	FL	Y		448,000	1		182,000				
205 B	St Paul	1952	150'	0.6		FE	BS	120	1	BELOW	SK-2	HIP	MPS	WP	WBR	RC	RCB	Y	Y	OTHER	TW	FL	Y		1,400,000	1		245,000				
205 C	St Paul	1985	150'	0.6		NE			2	ABOVE	SK-3	HIP	AS	PW	WBR	RC	RCB	Y	N	BLKS	TE	FL	Y		531,000	1		75,000				
205 D	St Paul	1995	150'	0.6		DK			2	ABOVE	SK-3	HIP	AS	PW	WBR	RCB	RCB	Y	N	BLKS	TW	FL	Y		147,000	1		87,000				
211	St Paul	1958	20'	0.2		DK			1	AVG	SK-3	GABLE	MPS	PW	WBR	RC	RCB	Y	Y	BLKS	TW	FL	Y			1						

Port

1. Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$
209	St John	1999	8'	0		FE	BS	120	1	ABOVE	SK-8	FLAT	NONE	RC	RC	RCB	RCB	Y	N	BLKS	C	FL	N		400,000	2						
210	St John	1999	8'	0		FE	BS	120	2	ABOVE	SK-8	HIP	MPS	O	ST	STL	RCB	Y	N	BLKS	C	FL	N		745,000	2						

2. Wharf

1	2	3	4	5	6	7	8	9	10	11	12	13
Struc. No.	Yr. Blt.	Elevation (ft.)	Code Used	Design Wave Ht. (ft.)	Constructn Quality	Surface	Decking	Decking Support	Vert. Load Support	Lateral Support	Foundatn	Rep. Cost
208	1999	6	BS 6349	13	*	SOG	NA	NA	PILES	FILL	PILES	13,500,000

3. Pier

1	2	3	4	5	6	7	8	9	10	11	12	13
Struc. No.	Yr. Blt.	Elevation (ft.)	Code Used	Design Wave Ht. (ft.)	Constructn Quality	Surface	Decking	Decking Support	Vert. Load Support	Lateral Support	Foundatn	Rep. Cost
206	1994	6	BS 6349	13	AVG	CONC	CONC	RC	PILES	PILES	PILES	400,000
207	1997+	6	BS 6349	13	AVG	CONC	CONC	FILL	PILES	PILES	PILES	5,500,000

Schools & Colleges

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$
216	St James	1940	150'	0.7		DK			1	BELOW	SK-6	GABLE	MPS	WP	WT	RC	RCB	N	Y	BLKS	OF	HR	Y		600,000	2		22,000				
217	St George	1978	750'	1.9		FE	O		2	ABOVE	SK-6	GABLE	MPS	WB	WT	RC	RCB	Y	N	BLKS	OF	HR	Y		2,100,000	2		80,000				
218 A	St George	1950	750'	1.9		FE	BS	120	1	AVG	SK-6	GABLE	MPS	WP	WBR	RC	RCB	Y	Y	BLKS	OF	HR	Y		700,000	2		250,000				
218 B	St George	1950	750'	1.9		FE	BS	120	1	AVG	SK-6	GABLE	MPS	WB	WT	RC	RCB	Y	N	BLKS	OF	HR	Y		800,000	2		250,000				
218 C	St George	1978	750'	1.9		FE	BS	120	1	BELOW	SK-6	GABLE	ACS	PW	WT	RC	RCB	DK	N	BLKS	OF	HR	Y		800,000	2		250,000				
219	St James	1979	200'	0.5		FE	OTHER	120	1	AVG	SK-6	GABLE	MPS	PW / WP	WBR	RC	RCB	Y	N	BLKS	OF	HR	N			2		30,000				
220	St Paul	1950	50'	0.2		DK			1	BELOW	SK-6	GABLE	AS	WB	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		1,000,000	2		1,300,000				
220 A	St Paul	1990	50'	0.2		FE	OTHER	110	2	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		1,300,000	2		860,000				
221	St Paul	1990	50'	0.2		FE	OTHER	110	2	ABOVE	SK-6	GABLE	MPS	PW	WBR	RC	RCB	Y	N	BLKS	TW	FL	Y		2,300,000	2		80,000				
223	St Thomas	1983	100'	0.2		FE	OTHER	100	1	BELOW	SK-6	GABLE	MPS	O	SB	STL	MP	Y	N	O	C	FL	Y		200,000	2		80,000				
224	St John	1983	350'	1.5		FE	OTHER	100	1	AVG	SK-6	GABLE	MPS	PW	ST	STL	RCB	DK	N	BLKS	OF	HR	Y		1,377,000	2		60,000				
225	St John	+1990	725'	1.9		NE			2	BELOW	SK-6	GABLE	MPS	PW	WBR	RC	RCB	DK	N	O	TW	FL	Y		200,000	2		25,000				

Airport

1. Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$
226	St James	1968	40'	0.2		DK			1	BELOW	SK-7	GABLE	MPS	PW	WT	RM	RCB	Y	N	BLKS	C	FL	Y		5,000,000	2		3,000,000				
227	St James	1998	40'	0.2		FE	BS	120	3	ABOVE	SK-7	FLAT	O	CS	RC	RC	RCB	Y	N	GB	C	FL	Y		800,000	2		1,500,000				
228	St James	1988	40'	0.2		FE	OTHER	120	1	ABOVE	SK-7	FLAT	MPS	SB	RC	RCB	Y	N	NA	O	FL	Y	Y		1,350,000	2		600,000				

2. Runway

1	2	3	4
Parish	Length of Runway in feet	Rep. Cost per foot (\$)	Total Rep. Cost (\$)
St James	4,000		

Courthouse/Library

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$
229	St Paul	*1877	10'	0		DK			2	AVG	SK-4	GABLE	MPS	WP	WT	RC	URCB	Y	Y	O	TW	FL	Y			2						

Public Market

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	
230	St Paul	1940	8'	0		DK			1	BELOW	SK-4	GABLE	MPS	WP	WBR	RC	RCB	DK	NA	BLKS	C	FL	Y			2							

Government Buildings

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	
231	St Paul	1982	15'	0.1		FE	BS	100	2	ABOVE	SK-4	GABLE	MPS	WB	WT	RC	RCB	Y	N	BLKS	TW	FL	Y		500,000	2							

Power House

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Site Speed mph	Engineering level	Code Used	Design wind speed mph	No. of Stories	Construc Quality	Class	Roof Geometry	Roof Covering	Roof Decking	Roof Framing	Wall Framing	Cladding	Rf-frame Connection	Window Protection	Founda-tion	Surround-ing Terrain	Topo-graphy	Debris Hazard	Struct. Damage Ratio	Building Value	Content Type	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	
232	St John	1984	250'	1.3		FE			1	ABOVE	SK-4	GABLE	MPS	O	SB	STL	MP	Y	NA	O	OF	HR	Y			2		8,000,000					

Transmission Lines

1	2	3	4
Parish	Miles of Lines	Rep. Cost per mile (\$)	Total Rep. Cost (\$)
St Paul	40	70,000	2,800,000
St George	60	35,000	2,100,000
St James	40	35,000	1,000,000
St John	30	35,000	750,000
St Thomas	30	35,000	750,000

Utility Poles

1	2	3	4	5
Parish	No. of Poles	Design Wind Spd (mph)	Rep. Cost per Pole (\$)	Total Rep. Cost (\$)
St Paul	1000	90	1200	1,200,000
St George	1500	90	1200	1,800,000
St James	1000	90	1200	1,200,000
St John	750	90	1200	900,000
St Thomas	750	90	1200	900,000

Pavements

1	2	3	4
Parish	Area Paved sq. ft.	Rep. Cost per sq. ft. (\$)	Total Rep. Cost (\$)
St James			

Paved Roads

1	2	3	4
Parish	Miles of Road	Rep. Cost Per Mile	Total Rep. Cost
St Paul	22	459,000	10,098,000
St George	33	459,000	15,147,000
St James	22	459,000	10,098,000
St John	17	459,000	7,803,000
St Thomas	17	459,000	7,803,000

Unpaved Roads

1	2	3	4
Parish	Miles of Road	Rep. Cost Per Mile	Total Rep. Cost
St George	27	36,000	972,000
St John	14	36,000	504,000
St Paul	18	36,000	648,000
St Thomas	14	36,000	504,000
St James	18	36,000	648,000

Wastemanagement Collection Vehicles

1	2	3	4	5	6
Parish	No.of Vehicles	Cost per Vehicle (\$)	Max X-area of Veh. (sq. ft.)	Weight of Vehicle (lb.)	Total Rep. Cost
St Thomas	1	240,000	172	14,000	240,000
St John	2	75,000	150	11,000	150,000
St George	1	150,000	150	11,000	150,000
St Paul	2	240,000	172	14,000	480,000

Wastemanagement Bins

1	2	3	4	5	6
Parish	No.of Bins	Cost per Bin (\$)	Max X-area of Bin (sq. ft.)	Weight of Bin (lb.)	Total Rep. Cost
St George	8	1,500	12	500	12,000
St John	2	1,760	16	560	3,520