

Sea Level Rise Scenarios Affecting Roads

Town of Westerly

Map Created: 8/12/2016

Map Legend

NOTES:

The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.

Includes Hillshade from USGS 2011 LiDAR

- Current Mean Higher High Water
- 1Ft Sea Level Rise
- 3Ft Sea Level Rise
- 5Ft Sea Level Rise
- 7Ft Sea Level Rise
- City and Town Boundaries
- Potentially Affected Roads
- Roads

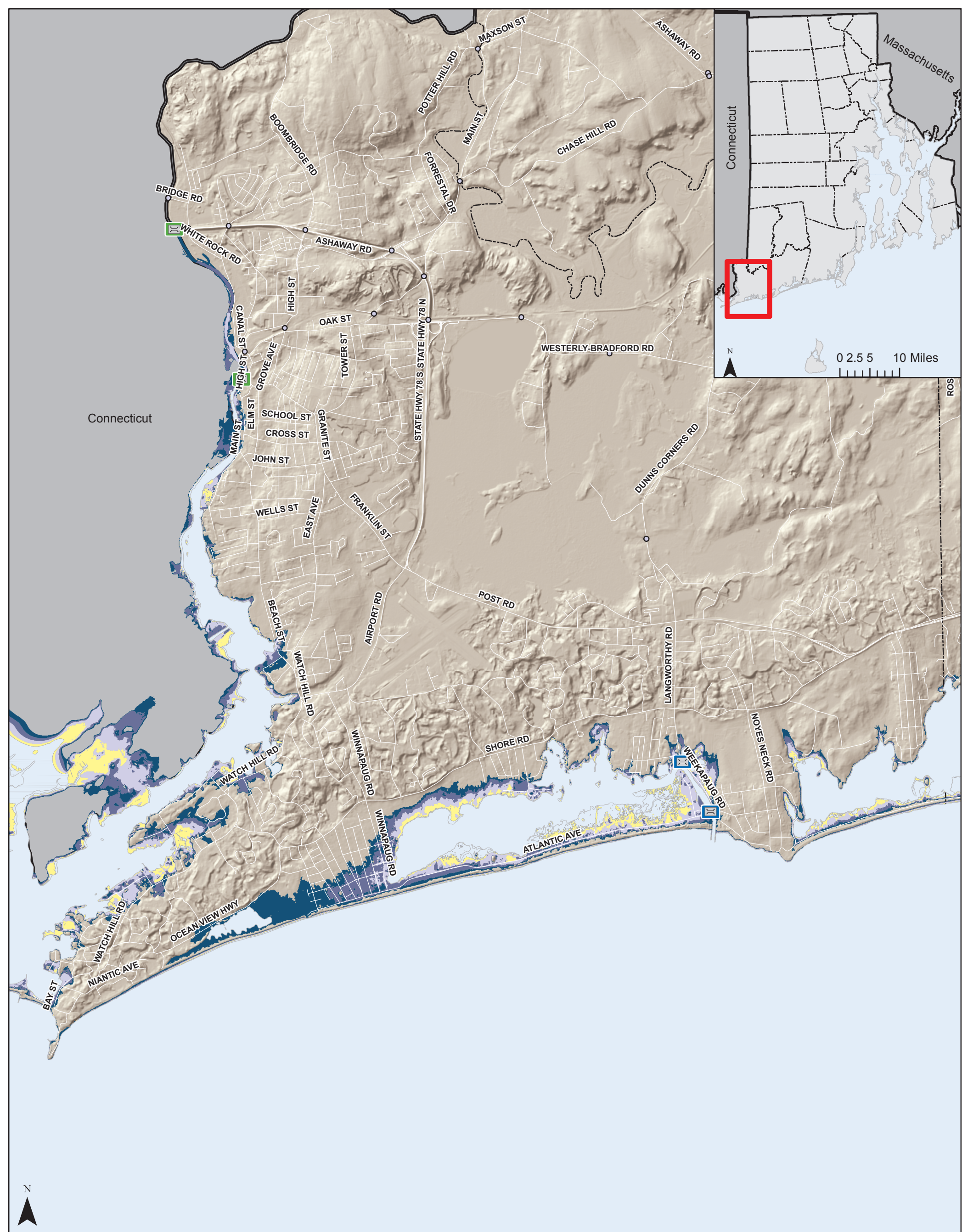
0 0.25 0.5 1 Miles



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Relative Road Vulnerability to Sea Level Rise													
Westerly			Linear Feet of Road Inundated At:										
Muni Rank	State Rank	Road Name	1 Foot of SLR	3 Feet of SLR	5 Feet of SLR	7 Feet of SLR	Total Linear Feet	Hazard Score	Evacuation Route	Intermodal Facility	Functional Classification	System Score	Vulnerability Score
1	23	WEEKAPAUG RD		1,828	782	418	3,028	4.13	Yes	No	Major Coll.	2.20	6.33
2	30	OCEAN VIEW HWY				2,229	2,229	5.00	No	No	Major Coll.	1.20	6.20
3	36	ATLANTIC AVE	345	10,199	4,587	1,468	16,599	4.85	No	No	Major Coll.	1.08	5.93
4	71	BREACH DR		1,979	102		2,081	4.83	No	No	Local	0.60	5.43
5	85	STATE HWY 78 N				69	69	1.50	Yes	No	Freeways	3.70	5.20
6	93	SAND TRL			1,321	2,678	3,999	4.50	No	No	Local	0.60	5.10
7	96	HARBOR DR	177	996	628		1,801	4.48	No	No	Local	0.60	5.08
8	106	PASADENA AVE		1,123	610	83	1,817	4.34	No	No	Local	0.60	4.94
9	120	AVONDALE RD		144	1,669	1,447	3,261	4.27	No	No	Local	0.60	4.87
10	124	MAIN ST		9	324	1,136	1,469	3.03	No	No	Minor Art.	1.77	4.80
11	137	BREEN RD	19	844	232	84	1,179	4.04	No	No	Local	0.60	4.64
12	175	WATCH HILL RD			1,099	1,140	2,239	2.25	Yes	No	Minor Art.	1.97	4.23
13	179	STATE HWY 78 S				65	65	1.50	No	No	Freeways	2.70	4.20
14	187	FORT RD	127	770	74	15	986	3.51	No	No	Local	0.60	4.11
15	201	FIRST ST		526	1,347		1,873	3.50	No	No	Local	0.60	4.10
16	202	MAPLEWOOD AVE				1,105	1,105	3.50	No	No	Local	0.60	4.10
17	218	SHORE GARDEN RD	10	238			248	3.42	No	No	Local	0.60	4.02
18	224	CHAMPLIN DR			998	54	1,052	3.40	No	No	Local	0.60	4.00
19	241	BROAD ST		13	14	7	34	1.50	No	No	Principal Art.	2.40	3.90
20	250	ROBIN RD		391	57		448	3.24	No	No	Local	0.60	3.84
21	254	BENSON AVE			1,056	167	1,223	3.23	No	No	Local	0.60	3.83
22	255	MONTAUK AVE		803	496	328	1,627	3.23	No	No	Local	0.60	3.83
23	272	CLARK AVE			859	195	1,054	3.13	No	No	Local	0.60	3.73
24	293	FRANKLIN AVE			957	273	1,230	3.06	No	No	Local	0.60	3.66
25	295	KIMBALL AVE			993	285	1,279	3.05	No	No	Local	0.60	3.65
26	299	LAWTON AVE			1,006	327	1,333	3.01	No	No	Local	0.60	3.61
27	308	BEACH ST		109	279	446	834	1.76	No	No	Minor Art.	1.80	3.56
28	334	SPRING AVE		62	590	224	876	2.85	No	No	Local	0.60	3.45
29	335	SECOND ST			670	327	997	2.84	No	No	Local	0.60	3.44
30	346	SAUNDERS RD		681	389		1,070	2.77	No	No	Local	0.60	3.37
31	347	CRANDALL AVE			643	367	1,010	2.77	No	No	Local	0.60	3.37
32	373	BAY ST		406	297	730	1,432	2.07	No	No	Major Coll.	1.20	3.27
33	397	COVE RD		252	146	79	477	2.55	No	No	Local	0.60	3.15
34	401	MEADOW LN		201	170	23	394	2.52	No	No	Local	0.60	3.12
35	431	COVE ST		418	481		899	2.43	No	No	Local	0.60	3.03
36	440	PIRATES IS		147	161	27	334	2.38	No	No	Local	0.60	2.98
37	478	MASSACHAUG AVE		134	110	186	430	2.12	No	No	Local	0.60	2.72
38	505	WAUWINNET AVE				22	22	1.50	No	No	Major Coll.	1.20	2.70
39	506	WAWALOAM DR			293	181	474	1.50	No	No	Major Coll.	1.20	2.70
40	508	SCHOOL ST			23	30	52	1.50	No	No	Major Coll.	1.20	2.70
41	525	RICCI RD		114	247	135	496	1.96	No	No	Local	0.60	2.56
42	529	TAYLOR LN		126	147	297	570	1.94	No	No	Local	0.60	2.54
43	531	ARRAQUAT RD		143	429	119	691	1.91	No	No	Local	0.60	2.51
44	1,275	BAYBERRY LN				63	63	1.50	No	No	Local	0.60	2.10
45	1,276	BAYSIDE AVE				108	108	1.50	No	No	Local	0.60	2.10
46	1,277	BROWNING RD				185	185	1.50	No	No	Local	0.60	2.10
47	1,278	DOGWOOD AVE				450	450	1.50	No	No	Local	0.60	2.10
48	1,279	DONIZETTI RD			115	78	193	1.50	No	No	Local	0.60	2.10
49	1,280	ELMWOOD AVE			111	780	891	1.50	No	No	Local	0.60	2.10
50	1,281	FOSTER COVE RD			155	414	569	1.50	No	No	Local	0.60	2.10
51	1,282	FOX RUN				180	180	1.50	No	No	Local	0.60	2.10
52	1,283	GOVERNOR AVE			189	350	539	1.50	No	No	Local	0.60	2.10
53	1,284	GRASLAND WAY				923	923	1.50	No	No	Local	0.60	2.10
54	1,285	HOXSEY ST				23	23	1.50	No	No	Local	0.60	2.10
55	1,286	INDIA POINT RD		4	436		440	1.50	No	No	Local	0.60	2.10
56	1,287	KNOWLES AVE				235	235	1.50	No	No	Local	0.60	2.10
57	1,288	LEEWARD DR				193	193	1.50	No	No	Local	0.60	2.10
58	1,289	LIGHTHOUSE RD				268	268	1.50	No	No	Local	0.60	2.10
59	1,290	LINWOOD AVE				94	94	1.50	No	No	Local	0.60	2.10
60	1,291	MARGIN ST			319	385	704	1.50	No	No	Local	0.60	2.10
61	1,292	OAKWOOD RD				273	273	1.50	No	No	Local	0.60	2.10
62	1,293	OLYMPIA WAY				72	72	1.50	No	No	Local	0.60	2.10
63	1,294	PEEPTOAD RD				82	82	1.50	No	No	Local	0.60	2.10
64	1,295	PLIMPTON RD			49	18	67	1.50	No	No	Local	0.60	2.10
65	1,296	QUAIL RUN			184	123	307	1.50	No	No	Local	0.60	2.10
66	1,297	RIVERDALE RD				29	29	1.50	No	No	Local	0.60	2.10
67	1,298	RIVERDALE TER				471	471	1.50	No	No	Local	0.60	2.10
68	1,299	SALT POND WAY		22	30	37	88	1.50	No	No	Local	0.60	2.10
69	1,300	SCHUMANN RD				12	12	1.50	No	No	Local	0.60	2.10
70	1,301	SEA GULL RD				196	196	1.50	No	No	Local	0.60	2.10

Muni Rank	State Rank	Road Name	1 Foot of SLR	3 Feet of SLR	5 Feet of SLR	7 Feet of SLR	Total Linear Feet	Hazard Score	Evacuation Route	Intermodal Facility	Functional Classification	System Score	Vulnerability Score
71	1,302	SETTING SUN DR			382	344	726	1.50	No	No	Local	0.60	2.10
72	1,303	SHAWMUT AVE			30	33	63	1.50	No	No	Local	0.60	2.10
73	1,304	SHEPHERDS RUN				100	100	1.50	No	No	Local	0.60	2.10
74	1,305	SOSOA LN			36	135	171	1.50	No	No	Local	0.60	2.10
75	1,306	SPRAY ROCK RD			113	86	199	1.50	No	No	Local	0.60	2.10
76	1,307	STILLMAN AVE			50		50	1.50	No	No	Local	0.60	2.10
77	1,308	SUNSET AVE			18	92	110	1.50	No	No	Local	0.60	2.10
78	1,309	TERRACE AVE				5	5	1.50	No	No	Local	0.60	2.10
79	1,310	TIMOTHY DR			479	646	1,125	1.50	No	No	Local	0.60	2.10
80	1,311	UNNAMED_284				176	176	1.50	No	No	Local	0.60	2.10
81	1,312	UNNAMED_286				112	112	1.50	No	No	Local	0.60	2.10
82	1,313	UTTER ST			140	79	219	1.50	No	No	Local	0.60	2.10
83	1,314	VIA ROMA RD				17	17	1.50	No	No	Local	0.60	2.10
84	1,315	VIOLET LN			351		351	1.50	No	No	Local	0.60	2.10
85	1,316	WAGNER RD		15	20	24	60	1.50	No	No	Local	0.60	2.10
86	1,317	WAPAN RD				167	167	1.50	No	No	Local	0.60	2.10
87	1,318	WEST BEACH ST				222	222	1.50	No	No	Local	0.60	2.10
88	1,319	WILLIAMS AVE			269	90	359	1.50	No	No	Local	0.60	2.10
89	1,409	CHAPMAN RD		33	53	49	135	1.50	No	No	Local	0.60	2.10
90	1,410	COLLINS AVE			91	391	482	1.50	No	No	Local	0.60	2.10
91	1,411	COMMERCE ST		24	135	48	206	1.50	No	No	Local	0.60	2.10
92	1,412	POND VIEW DR		1	62	67	130	1.50	No	No	Local	0.60	2.10
TOTAL LINEAR FEET			679	22,752	28,106	25,688	77,226						



Sea Level Rise Scenarios Affecting Bridges

Town of Westerly

Map Created: 8/12/2016

Map Legend

NOTES:

The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.

Includes Hillshade from USGS 2011 LiDAR

- | | | |
|--|--------------------------------|--------------------------|
| Freeboard Potentially Affected by SLR | Current Mean Higher High Water | City and Town Boundaries |
| Freeboard Unlikely to be Affected by SLR | 1ft Sea Level Rise | Roads |
| Not Exposed to SLR | 3ft Sea Level Rise | |
| Bridge Accessible | 5ft Sea Level Rise | |
| Possible Bridge Access Problem | 7ft Sea Level Rise | |

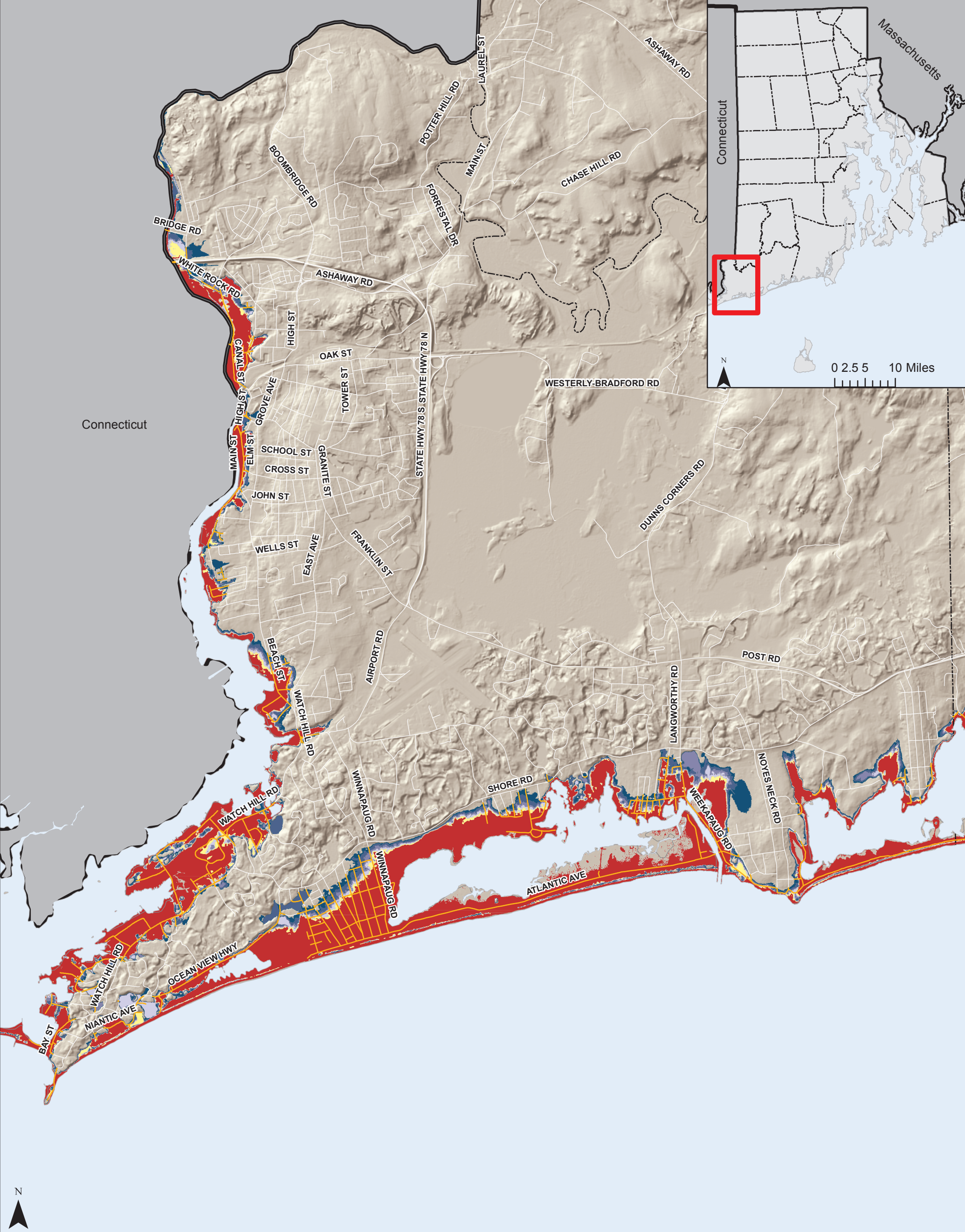
0 0.25 0.5 1 Miles



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Bridges Possibly Affected by Sea Level Rise in the Town of Westerly

Mun. Rank	State Rank	Bridge Name	Facility Carried	Feature Intersected	Inches of Freeboard Relative to 7FtSLR	Terrain Crossed	Landing Access	Hazard Score	Intermodal Facility	Evacuation Route	AADT	System Score	Vulnerability Score
1	68	Weekapaug	ATLANTIC AV	WEEKAPAUG INLET	22	MHHW	Problem	3.80	No	No	1,616	1.50	5.30
2	72	Weekapaug Cove	WEEKAPAUG RD	WEEKAPAUG TIDAL COVE	145	Water	Problem	2.50	No	Yes	1,000	2.50	5.00



100 Year Storm Surge Event Plus Sea Level Rise Scenarios Affecting Roads

Town of Westerly

Map Created: 8/12/2016

Map Legend

NOTES:
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 Includes Hillshade from USGS 2011 LiDAR

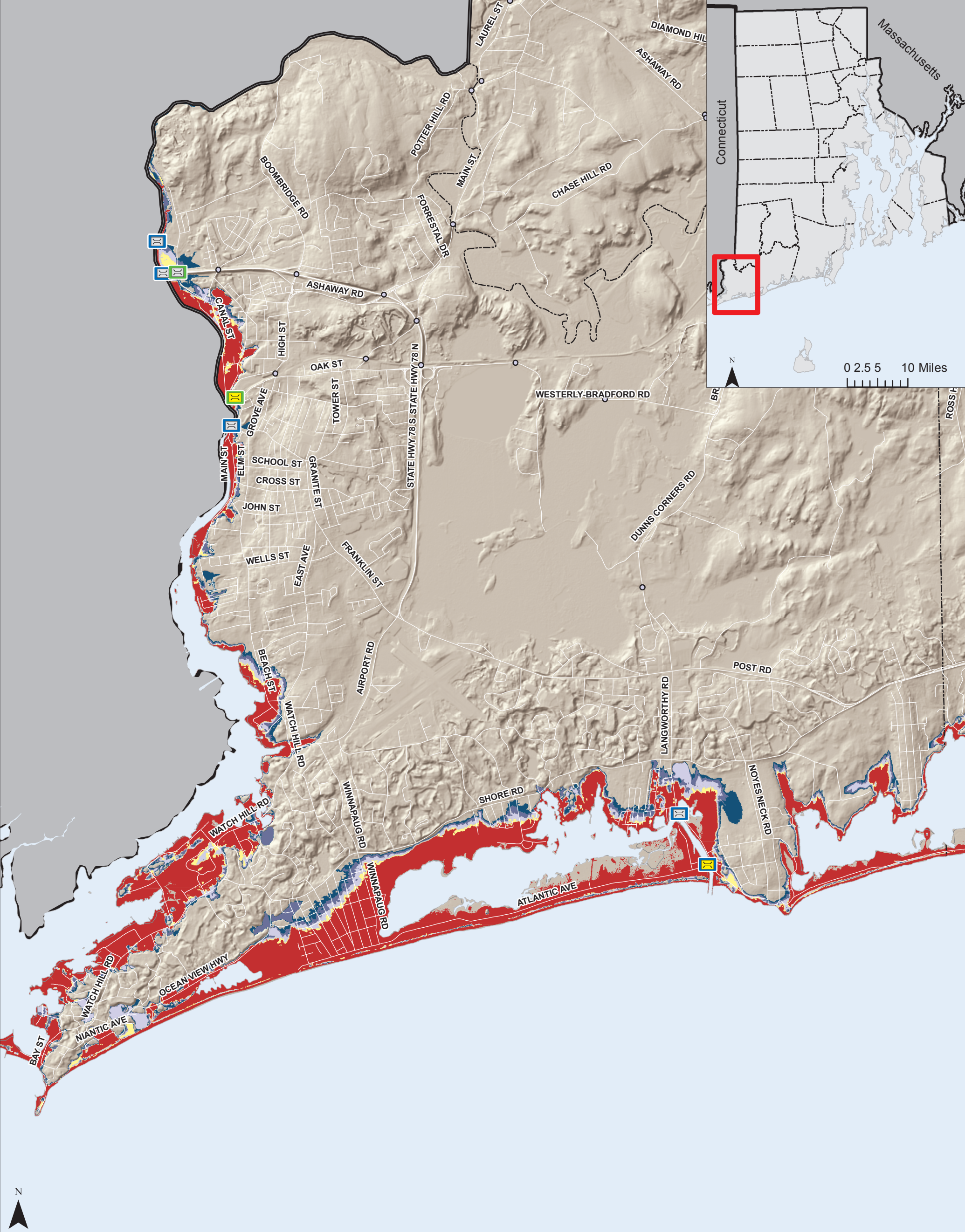
- Current Ponds & Mean Higher High Water
- 100-Year Storm Event
- 100-Year Plus 1 ft. of SLR
- 100-Year Plus 2 ft. of SLR
- 100-Year Plus 3 ft. of SLR
- 100-Year Plus 5 ft. of SLR
- 100-Year Plus 7 ft. of SLR
- City and Town Boundaries
- Potentially Affected Roads
- Roads

0 0.25 0.5 1 Miles

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Relative Road Vulnerability to 100-Year Storm Surge Event Plus Sea Level Rise														
Westerly			Linear Feet Inundated During 100 Year Surge Event Plus:											
Muni. Rank	State Rank	NAME	No SLR	1 Foot of SLR	3 Feet of SLR	5 Feet of SLR	7 Feet of SLR	Total Linear Feet	Haz. Score	Evac. Route	Intermodal Facility	Functional Classification	Sys. Score	Vulnerability Score
1	83	STATE HWY 78 N	76	3	7	46	20	151	3.25	Yes	No	Freeways	3.70	6.95
2	87	WEEKAPAUG RD	3,534	56	116	119	99	3,925	4.68	Yes	No	Major Coll.	2.20	6.88
3	103	MAIN ST	3,051	143	7			3,201	4.93	No	No	Minor Art.	1.74	6.66
4	106	WINNAPAUG RD	2,937	384	574	281	138	4,314	4.38	Yes	No	Major Coll.	2.26	6.64
5	132	CANAL ST	1,606	803	1,459	301	123	4,293	4.61	No	No	Minor Art.	1.80	6.41
6	148	WATCH HILL RD	5,167	732	1,445	1,291	581	9,216	4.31	Yes	No	Major Coll.	1.98	6.29
7	166	BAY ST	1,450					1,450	5.00	No	No	Major Coll.	1.20	6.20
8	181	ATLANTIC AVE	16,723					16,723	5.00	No	No	Major Coll.	1.08	6.08
9	194	BRIDGE RD	141	3	1	2	3	151	4.76	No	No	Major Coll.	1.20	5.96
10	217	STATE HWY 78 S	75	3	3	59	20	160	3.14	No	No	Freeways	2.70	5.84
11	248	WAWALOAM DR	1,161	855	585	70	91	2,762	4.44	No	No	Major Coll.	1.20	5.64
12	265	LEEWARD DR	944	279				1,223	5.00	No	No	Local	0.60	5.60
13	985	ARRAQUAT RD	773					773	5.00	No	No	Local	0.60	5.60
14	986	BREACH DR	2,081					2,081	5.00	No	No	Local	0.60	5.60
15	987	BREEN RD	1,179					1,179	5.00	No	No	Local	0.60	5.60
16	988	COLLINS AVE	482					482	5.00	No	No	Local	0.60	5.60
17	989	COMMERCE ST	206					206	5.00	No	No	Local	0.60	5.60
18	990	COVE ST	899					899	5.00	No	No	Local	0.60	5.60
19	991	DOGWOOD AVE	450					450	5.00	No	No	Local	0.60	5.60
20	992	ELMWOOD AVE	891					891	5.00	No	No	Local	0.60	5.60
21	993	FIRST ST	1,873					1,873	5.00	No	No	Local	0.60	5.60
22	994	FORT RD	986					986	5.00	No	No	Local	0.60	5.60
23	995	FOX RUN	723					723	5.00	No	No	Local	0.60	5.60
24	996	HARBOR DR	1,801					1,801	5.00	No	No	Local	0.60	5.60
25	997	INDIA POINT RD	440					440	5.00	No	No	Local	0.60	5.60
26	998	INDUSTRIAL DR	1,256					1,256	5.00	No	No	Local	0.60	5.60
27	999	LINWOOD AVE	585					585	5.00	No	No	Local	0.60	5.60
28	1,000	OLYMPIA WAY	121					121	5.00	No	No	Local	0.60	5.60
29	1,001	PASADENA AVE	1,839					1,839	5.00	No	No	Local	0.60	5.60
30	1,002	PEEPTOAD RD	511					511	5.00	No	No	Local	0.60	5.60
31	1,003	PIRATES IS	352					352	5.00	No	No	Local	0.60	5.60
32	1,004	RICCI RD	496					496	5.00	No	No	Local	0.60	5.60
33	1,005	RIVERDALE TER	471					471	5.00	No	No	Local	0.60	5.60
34	1,006	ROBIN RD	448					448	5.00	No	No	Local	0.60	5.60
35	1,007	ROSE AVE	292					292	5.00	No	No	Local	0.60	5.60
36	1,008	SAUNDERS RD	1,070					1,070	5.00	No	No	Local	0.60	5.60
37	1,009	SEA GULL RD	196					196	5.00	No	No	Local	0.60	5.60
38	1,010	SHORE GARDEN RD	248					248	5.00	No	No	Local	0.60	5.60
39	1,011	SOUTH FAIRWAY AVE	818					818	5.00	No	No	Local	0.60	5.60
40	1,012	SPRING AVE	876					876	5.00	No	No	Local	0.60	5.60
41	1,013	UNNAMED_284	176					176	5.00	No	No	Local	0.60	5.60
42	1,014	UNNAMED_286	112					112	5.00	No	No	Local	0.60	5.60
43	1,015	UTTER ST	568					568	5.00	No	No	Local	0.60	5.60
44	1,016	VIOLET LN	351					351	5.00	No	No	Local	0.60	5.60
45	1,022	BEACH ST	1,301	125	395	340	365	2,526	3.79	No	No	Minor Art.	1.80	5.59
46	1,034	SAND TRL	6,161	213	50	13		6,437	4.97	No	No	Local	0.60	5.57
47	1,053	GRASLAND WAY	2,872	223	141			3,237	4.93	No	No	Local	0.60	5.53
48	1,103	OCEAN VIEW HWY	4,599	216	860	776	854	7,304	4.25	No	No	Major Coll.	1.20	5.45
49	1,129	MANATUCK AVE	652	22	21	7		702	4.81	No	No	Local	0.60	5.41
50	1,140	QUAIL RUN	804	80	20			904	4.79	No	No	Local	0.60	5.39
51	1,141	BAYVIEW DR	409	237	106			752	4.79	No	No	Local	0.60	5.39
52	1,158	UNION ST	162	15	43	28	42	291	3.55	No	No	Minor Art.	1.80	5.35
53	1,162	CHAMPLIN DR	1,136	23	50	32		1,241	4.74	No	No	Local	0.60	5.34
54	1,188	AVONDALE RD	4,784	554	528	223	79	6,168	4.70	No	No	Local	0.60	5.30
55	1,219	SECOND ST	1,715	363	173	173		2,424	4.64	No	No	Local	0.60	5.24
56	1,234	PLEASANT ST	568	157	44	24	22	815	4.61	No	No	Local	0.60	5.21
57	1,250	GOVERNOR AVE	599	10	20	20	30	678	4.59	No	No	Local	0.60	5.19
58	1,272	SETTING SUN DR	1,136	123	102	42	36	1,440	4.56	No	No	Local	0.60	5.16
59	1,329	CLIFFORD DR	1,400	56	60	63	126	1,705	4.44	No	No	Local	0.60	5.04
60	1,333	LAWTON AVE	2,053	140	214	268	93	2,768	4.43	No	No	Local	0.60	5.03
61	1,362	BAYSIDE AVE	828	198	103	66	55	1,250	4.37	No	No	Local	0.60	4.97
62	1,380	WAPAN RD	460	44	92			597	4.35	No	No	Local	0.60	4.95
63	1,385	MONTAUK AVE	2,357	109	281	282	207	3,236	4.34	No	No	Local	0.60	4.94
64	1,394	TIMOTHY DR	1,382	153	280	630	103	2,547	4.32	No	No	Local	0.60	4.92
65	1,402	MEADOW LN	441	52	319			813	4.31	No	No	Local	0.60	4.91
66	1,404	TAYLOR LN	809	7	18	25	150	1,008	4.31	No	No	Local	0.60	4.91
67	1,415	FOSTER COVE RD	1,707	179	427	267	84	2,663	4.30	No	No	Local	0.60	4.90
68	1,426	FRANKLIN AVE	1,738	206	264	189	240	2,638	4.28	No	No	Local	0.60	4.88
69	1,457	BOXWOOD AVE	80	167	254			501	4.24	No	No	Local	0.60	4.84
70	1,476	KIMBALL AVE	1,611	88	187	156	181	2,223	4.21	No	No	Local	0.60	4.81
71	1,487	BROWNING RD	275	20	26	23	27	372	4.20	No	No	Local	0.60	4.80

Muni. Rank	State Rank	NAME	No SLR	1 Foot of SLR	3 Feet of SLR	5 Feet of SLR	7 Feet of SLR	Total Linear Feet	Haz. Score	Evac. Route	Intermodal Facility	Functional Classification	Sys. Score	Vulnerability Score
145	3,219	AQUIDNECK AVE				11	27	38	1.50	No	No	Local	0.60	2.10
146	3,220	BABCOCK ST					56	56	1.50	No	No	Local	0.60	2.10
147	3,221	BOBOLINK DR					187	187	1.50	No	No	Local	0.60	2.10
148	3,222	CHARLENE AVE				27	246	273	1.50	No	No	Local	0.60	2.10
149	3,223	CHARLENE DR			66	136	108	309	1.50	No	No	Local	0.60	2.10
150	3,224	CLARK ST					58	58	1.50	No	No	Local	0.60	2.10
151	3,225	COLUMBUS AVE			55	72	260	387	1.50	No	No	Local	0.60	2.10
152	3,226	EAST HILLS RD			65	42	33	139	1.50	No	No	Local	0.60	2.10
153	3,227	FENWAY ROAD EXT					142	142	1.50	No	No	Local	0.60	2.10
154	3,228	GRENOLDS WAY					136	136	1.50	No	No	Local	0.60	2.10
155	3,229	HAVERSHAM RD			4	36	72	112	1.50	No	No	Local	0.60	2.10
156	3,230	KATHLEEN DR				412	18	429	1.50	No	No	Local	0.60	2.10
157	3,231	LARKWOOD LN					465	465	1.50	No	No	Local	0.60	2.10
158	3,232	LITTLEBROOK RD				239	31	270	1.50	No	No	Local	0.60	2.10
159	3,233	MARIE AVE					1	1	1.50	No	No	Local	0.60	2.10
160	3,234	MARY LOU AVE					299	299	1.50	No	No	Local	0.60	2.10
161	3,235	MASTUXET AVE			11	97	50	159	1.50	No	No	Local	0.60	2.10
162	3,236	MEADOW AVE				6	76	82	1.50	No	No	Local	0.60	2.10
163	3,237	MEADOW LARK DR				50	316	366	1.50	No	No	Local	0.60	2.10
164	3,238	NINIGRET AVE					25	25	1.50	No	No	Local	0.60	2.10
165	3,239	NOONATCH RD			85	20	13	118	1.50	No	No	Local	0.60	2.10
166	3,240	PEABODY CT					329	329	1.50	No	No	Local	0.60	2.10
167	3,241	RICHMOND DR				12	389	401	1.50	No	No	Local	0.60	2.10
168	3,242	SOUTH AVE					2	2	1.50	No	No	Local	0.60	2.10
169	3,243	VALLEY PATH					4	4	1.50	No	No	Local	0.60	2.10
170	3,244	WARREN RD					21	21	1.50	No	No	Local	0.60	2.10
171	3,245	WEEKAPAUG TER			122	148	30	300	1.50	No	No	Local	0.60	2.10
172	3,246	WEST RIDGE RD				85	58	142	1.50	No	No	Local	0.60	2.10
173	3,393	ASHWORTH LN			32	61	243	336	1.50	No	No	Local	0.60	2.10
174	3,394	BACH RD			12	16	16	45	1.50	No	No	Local	0.60	2.10
175	3,395	BAYBERRY RD				454	452	906	1.50	No	No	Local	0.60	2.10
176	3,396	POPON RD				2	23	25	1.50	No	No	Local	0.60	2.10
177	3,397	SEAWINDS TER				170	38	208	1.50	No	No	Local	0.60	2.10
178	3,398	THIRD ST				215	299	515	1.50	No	No	Local	0.60	2.10
Total Linear Feet			120,747	10,219	19,757	17,318	14,932	182,974						



100 Year Storm Surge Event Plus Sea Level Rise Scenarios Affecting Bridges

Town of Westerly

Map Created: 8/12/2016

Map Legend

NOTES:
 The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.

Includes Hillshade from USGS 2011 LiDAR

- Freeboard Potentially Affected by Surge
- Freeboard Unlikely to be Affected by Surge
- Bridge in Surge Area Protected by Hurricane Barrier
- Not Exposed to Surge
- access, 0
- problem, 0
- 100-Year Storm Event
- 100-Year Plus 1 ft. of SLR
- 100-Year Plus 3 ft. of SLR
- 100-Year Plus 5 ft. of SLR
- 100-Year Plus 7 ft. of SLR
- City and Town Boundaries
- Roads

0 0.25 0.5 1 Miles

Map Disclaimer: This map is not the product of a Professional Land Survey. It was created by RI Statewide Planning Program for general reference, informational, planning and guidance use, and is not a legally authoritative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. RI Statewide Planning Program makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Relative Bridge Vulnerability to 100-Year Storm Surge Event Plus Sea Level Rise in the Town of Westerly

Mun. Rank	State Rank	Bridge Name	Facility Carried	Feature Intersected	Inches of Freeboard Relative to 7FtSLR	Terrain Crossed	Landing Access	Haz. Score	Intermodal Facility	Evac. Route	AADT	Sys. Score	Vuln. Score
1	27	Pawcatuck	US 1 BROAD STREET	PAWCATUCK R	12	MHHW	Problem	4.60	No	No	19,797	3.00	7.60
2	85	Water Works	RI 78 WEST BY-PASS	PAWCATUCK R	168	MHHW	Problem	3.00	No	Yes	13,100	2.80	5.80
3	88	Weekapaug Cove	WEEKAPAUG RD	WEEKAPAUG TIDAL COVE	17	Water	Problem	4.10	No	Yes	1,000	1.60	5.70
4	99	Weekapaug	ATLANTIC AV	WEEKAPAUG INLET	-98	MHHW	Problem	5.00	No	No	1,616	0.60	5.60
5	106	White Rock	WHITE ROCK RD	PAWCATUCK RVR&MILL TRNCH	5	MHHW	Problem	4.60	No	No	3,000	0.60	5.20
6	125	White Rock Ped OP	PEDESTRIAN BRIDGE	PAWCATUCK RVR&MILL TRNCH	16	MHHW	Problem	4.60	No	No		0.00	4.60
7	147	Westery Train Station Bridge	AMTRAK	CANAL STREET	-31	Water	Access	2.50	No	No		0.00	2.50