

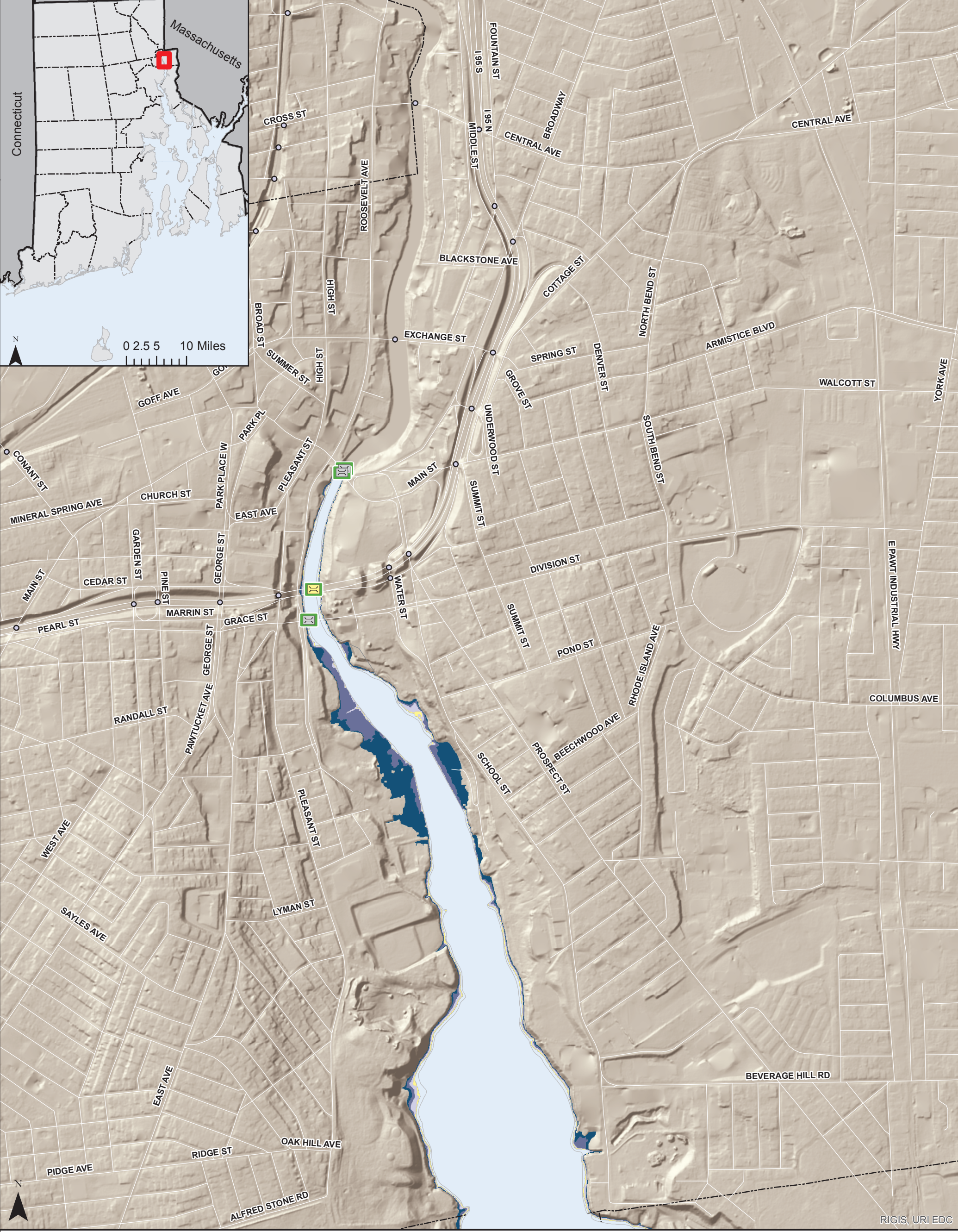




Relative Road Vulnerability to Sea Level Rise

		Pawtucket	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	113	MAIN ST	4	11	10	7	32	1.50	No	Yes	Principal Art.	3.40	4.90
2	145	I 95 N	7	10	10	17	43	1.50	No	No	Interstate	3.00	4.50
3	146	I 95 S	7	13	13	13	47	1.50	No	No	Interstate	3.00	4.50
4	361	DIVISION ST	7	10	17	11	44	1.50	No	No	Minor Art.	1.80	3.30
5	957	TIM HEALEY WAY				77	77	1.50	No	No	Local	0.60	2.10
		TOTAL LINEAR FEET	24	45	50	125	243						





# Sea Level Rise Scenarios Affecting Bridges

Map Created: 8/11/2016

## City of Pawtucket

**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
- Freeboard Unlikely to be Affected by SLR
- Not Exposed to SLR
- Bridge Accessible
- Possible Bridge Access Problem
- 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
- Roads

0 0.1 0.2 0.4 Miles

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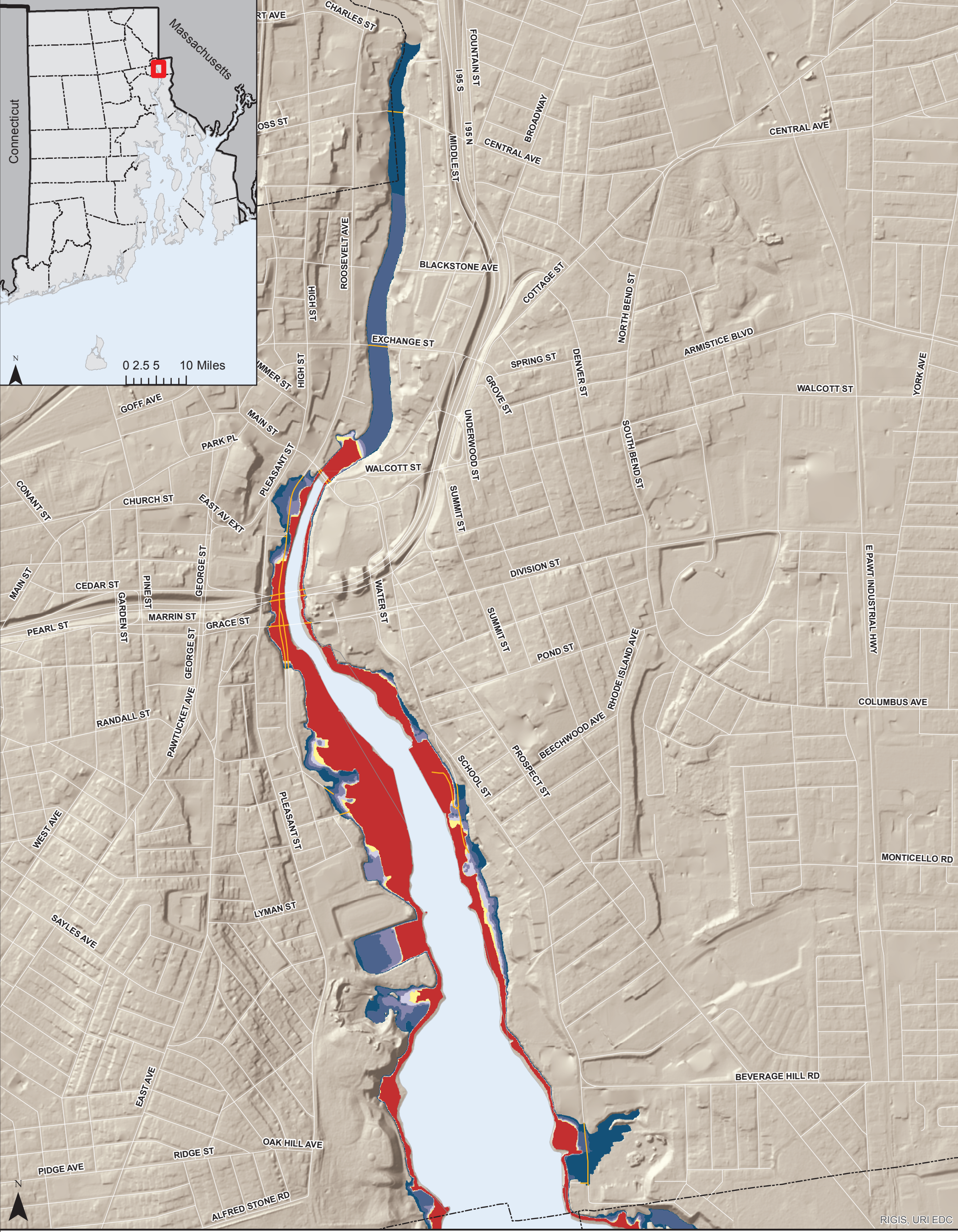
RIGIS, URI EDC



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

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	56	Pawtucket	I-95	TAFT ST & PAWTUCKET RVR	-84	MHHW	Access	3.00	No	No	116,900	3.00	6.00





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

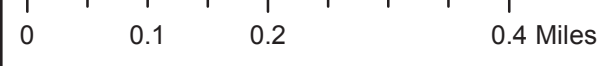
City of Pawtucket

Map Created: 8/11/2016

**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 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



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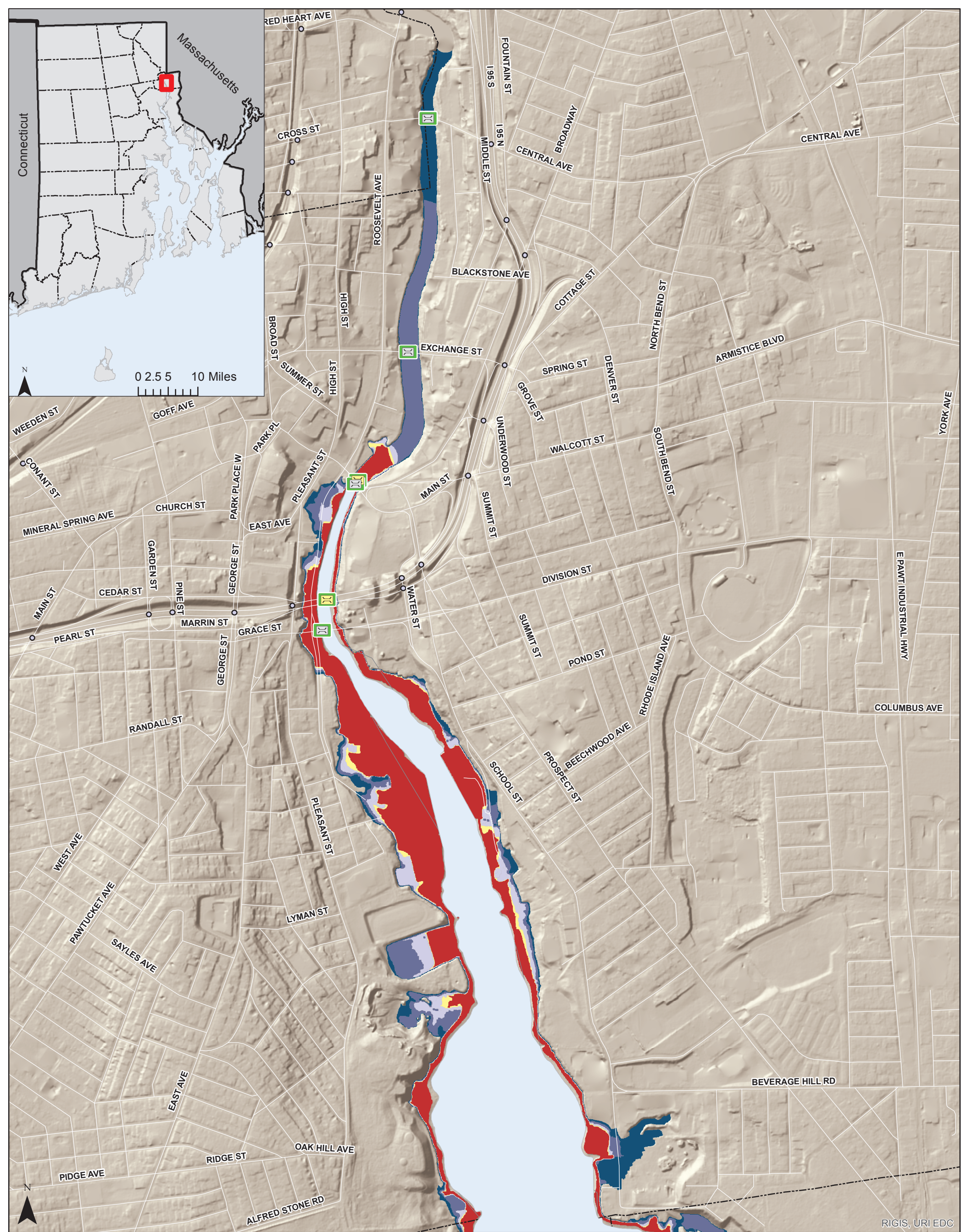
RIGIS, URI EDC



Relative Road Vulnerability to 100-Year Storm Surge Event Plus Sea Level Rise

Pawtucket			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	46	MAIN ST	84	4	8	10	5	111	4.14	No	Yes	Principal Art.	3.40	7.54
2	48	I 95 N	173	3	10	7	7	200	4.53	No	No	Interstate	3.00	7.53
3	54	I 95 S	150	3	10	10	9	183	4.38	No	No	Interstate	3.00	7.38
4	143	DIVISION ST	213	8	10	10	7	247	4.51	No	No	Minor Art.	1.80	6.31
5	202	EXCHANGE ST				175	3	178	1.50	Yes	Yes	Principal Art.	4.40	5.90
6	229	TAFT ST	1,152	20	39	43	39	1,293	4.62	No	Yes	Local	1.15	5.77
7	1,690	TIM HEALEY WAY	596	98	246	115	109	1,164	3.88	No	No	Local	0.60	4.48
8	1,714	ROOSEVELT AVE EXT	314	30	222	351	214	1,131	2.85	No	Yes	Local	1.60	4.45
9	2,344	CENTRAL AVE					65	65	1.50	No	No	Minor Art.	1.80	3.30
10	2,749	SCHOOL ST				181	404	586	1.50	No	No	Local	0.60	2.10
11	2,750	TIDEWATER ST				49	57	106	1.50	No	No	Local	0.60	2.10
12	3,031	BISHOP ST					67	67	1.50	No	No	Local	0.60	2.10
13	3,032	JENKS WAY					22	22	1.50	No	No	Local	0.60	2.10
14	3,033	MERRY ST	1	14	27	27	24	93	1.50	No	No	Local	0.60	2.10
Total Linear Feet			2,682	167	546	949	1,009	5,354						





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

City of Pawtucket

Map Created: 8/11/2016

## 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    | 100-Year Storm Event       | City and Town Boundaries |
| Freeboard Unlikely to be Affected by Surge | 100-Year Plus 1 ft. of SLR | Roads                    |
| Not Exposed to Surge                       | 100-Year Plus 3 ft. of SLR |                          |
| Bridge Accessible                          | 100-Year Plus 5 ft. of SLR |                          |
| Possible Bridge Access Problem             | 100-Year Plus 7 ft. of SLR |                          |

0 0.1 0.2 0.4 Miles



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

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	45	Main Street	MAIN ST	BLACKSTONE R	-104	MHHW	Access	3.00	Yes	No	16,040	4.00	7.00
2	79	Pawtucket	I-95	TAFT ST & PAWTUCKET RVR	-288	MHHW	Access	3.00	No	No	116,900	3.00	6.00