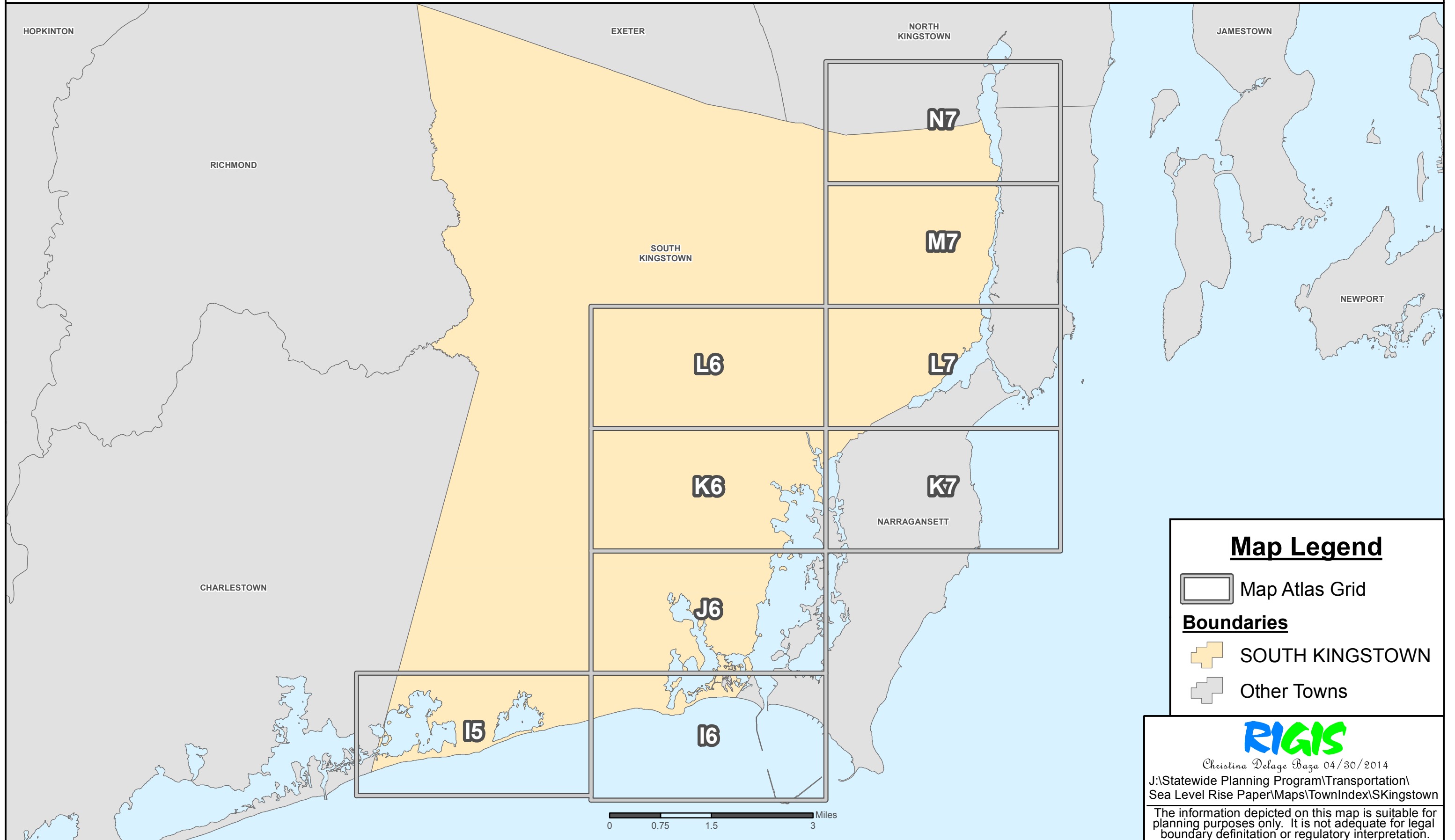
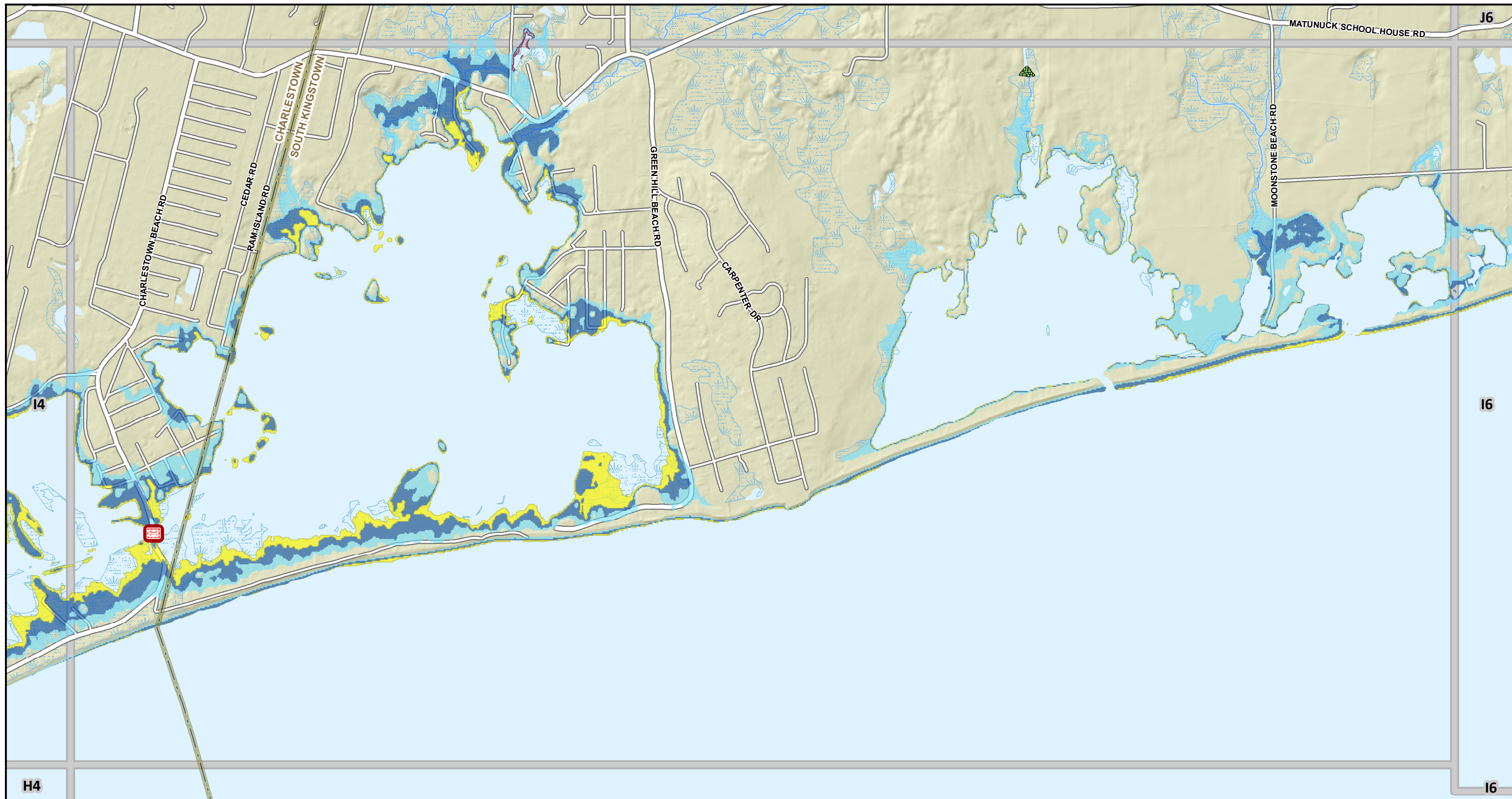


# South Kingstown Sea Level Rise: Map Atlas Grid



**RIGIS**  
Christina Delage Baza 04/30/2014  
J:\Statewide Planning Program\Transportation\  
Sea Level Rise Paper\Maps\TownIndex\SKingstown  
The information depicted on this map is suitable for  
planning purposes only. It is not adequate for legal  
boundary definition or regulatory interpretation.



### Map Legend

NOTES:  
 \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.  
 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

- SLR Inundation\***
- 1 Foot
  - 3 Feet
  - 5 Feet
- Connection Uncertain**
- MHHW, 1ft, 3ft, 5ft

- Transportation Infrastructure**
- Roads

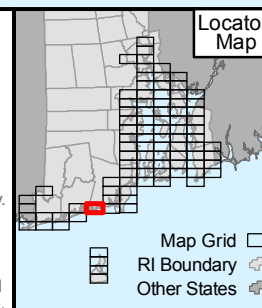
- Bridges**
- Freeboard (FB) Height
- FB Concern
- Accessibility
- Not Accessible

- Reference Features**
- Map Atlas Grid
  - Municipal Boundary
  - Dams
  - Streams
  - RI Ponds & MHHW\*\*
  - wetland
  - RI Boundary\*\*\*

0 0.125 0.25 0.5 Miles

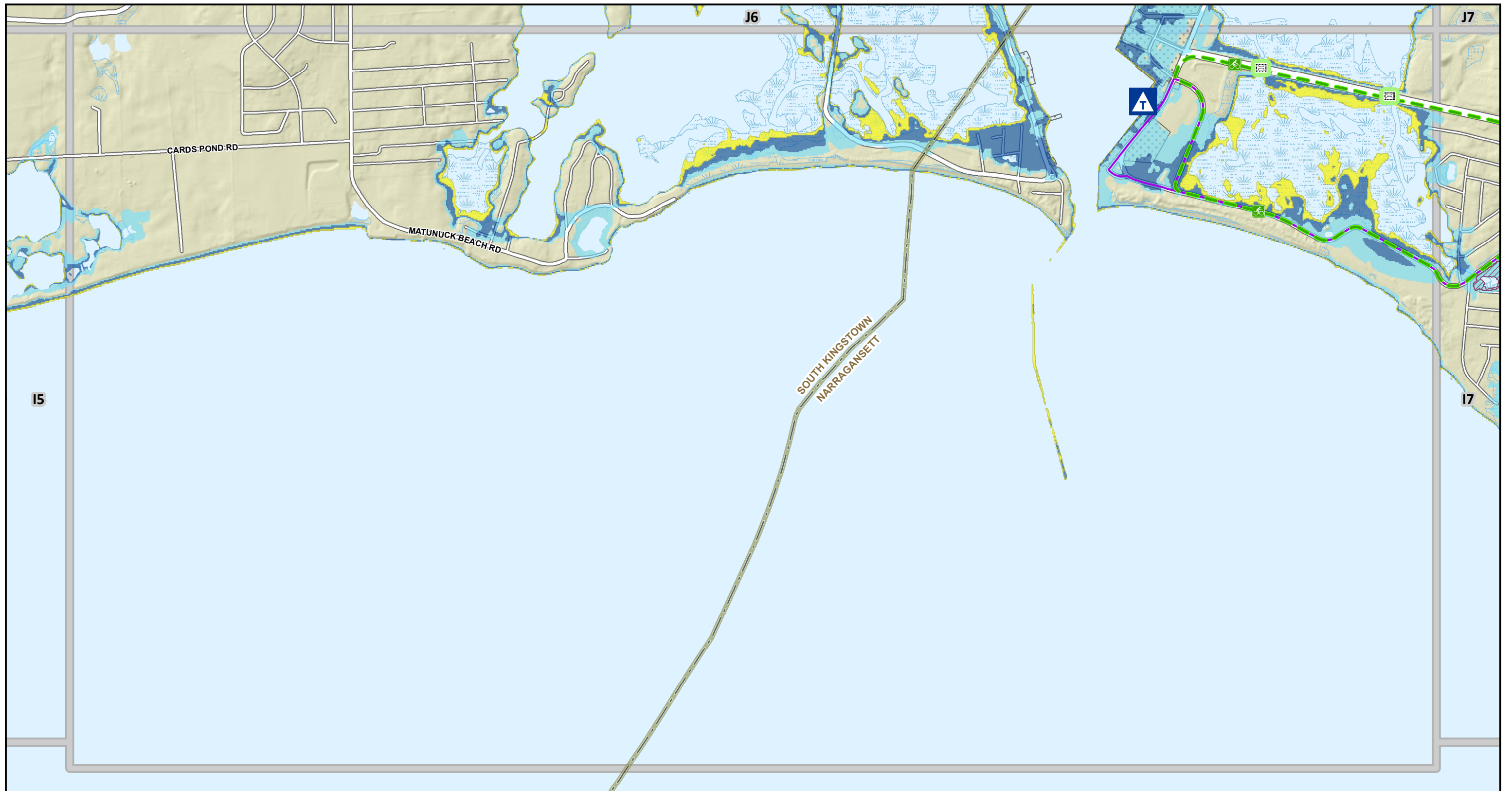
Christina Delage (Baga) 04/07/2014  
 J:\Statewide Planning Program\Transportation\Sea Level Rise Paper\Final\SLR\_Map20140407

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## Rhode Island Sea Level Rise: Impacts on Transportation Assets

### Charlestown & South Kingstown



**Map Legend**

NOTES:  
 \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.  
 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

**SLR Inundation\***

- 1 Foot
- 3 Feet
- 5 Feet

**Connection Uncertain**

- MHHW, 1ft, 3ft, 5ft

**Intermodal Hubs**

- Transfers

**Transportation Infrastructure**

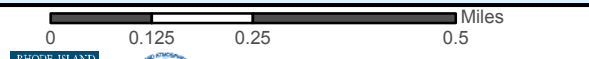
- Roads
- Bus Routes
- Bike Paths
- Ports & Harbors

**Bridges**

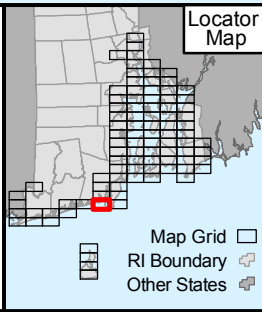
- Freeboard (FB) Height
- No FB Concern
- Accessible

**Reference Features**

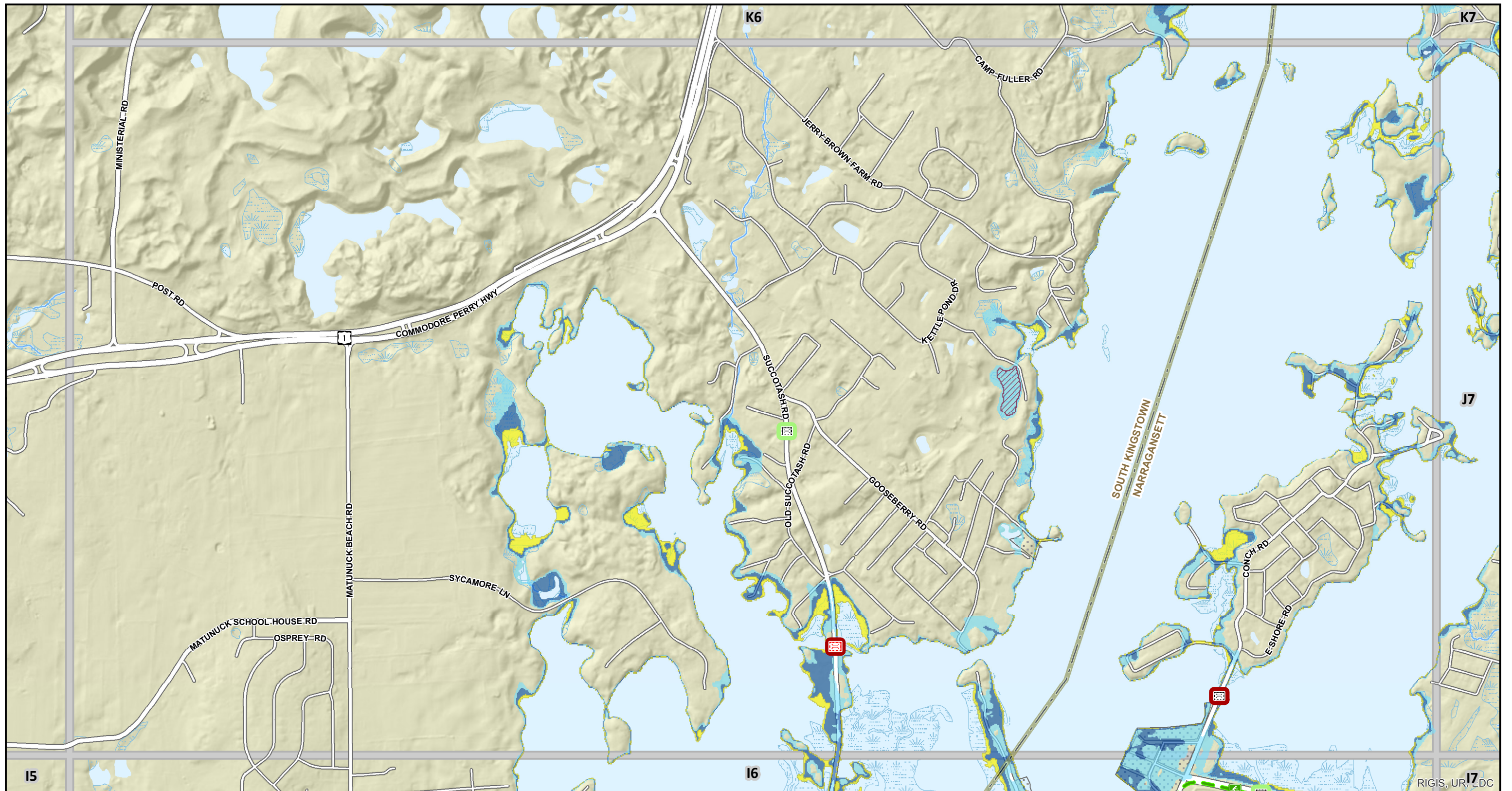
- Map Atlas Grid
- Municipal Boundary
- Streams
- RI Ponds & MHHW\*\* wetland
- RI Boundary\*\*\*



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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**  
**South Kingstown & Narragansett**



### Map Legend

**NOTES:**

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

\*\* Mean Higher High Water

\*\*\* Includes Hillshade from USGS 2011 LiDAR

**SLR Inundation\***

- 1 Foot
- 3 Feet
- 5 Feet

**Connection Uncertain**

- MHHW, 1ft, 3ft, 5ft

**Transportation Infrastructure**

- Roads
- Bike Paths
- Ports & Harbors

**Bridges**

- Freeboard (FB) Height
- FB Concern
  - No FB Concern
- Accessibility
- Not Accessible
  - Accessible

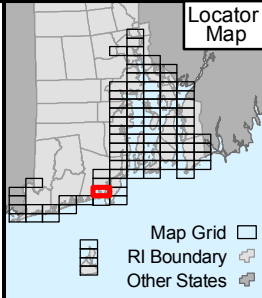
**Reference Features**

- Map Atlas Grid
- Municipal Boundary
- Streams
- RI Ponds & MHHW\*\* wetland
- RI Boundary\*\*\*



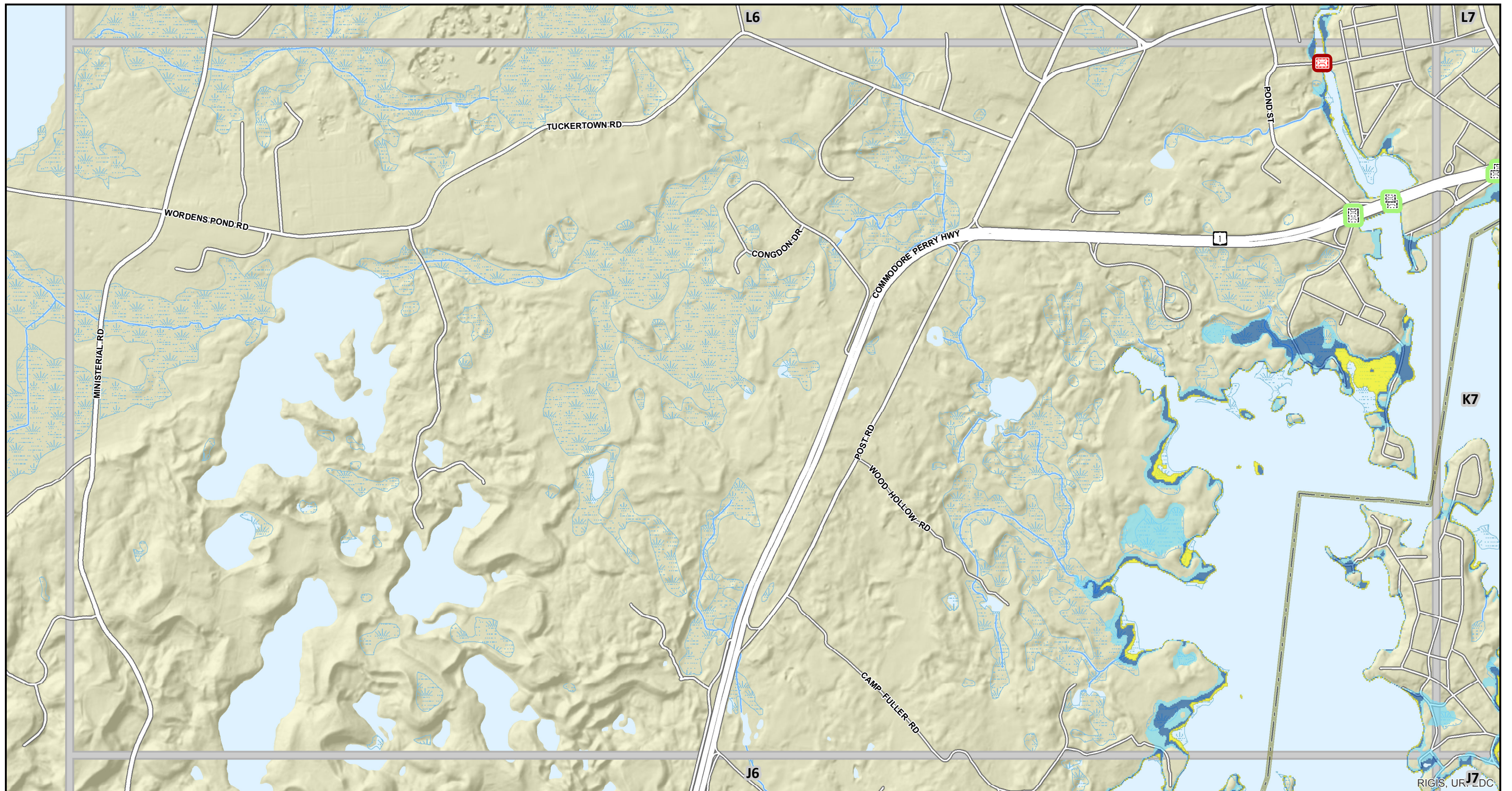
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# Rhode Island Sea Level Rise: Impacts on Transportation Assets

## South Kingstown & Narragansett



**Map Legend**

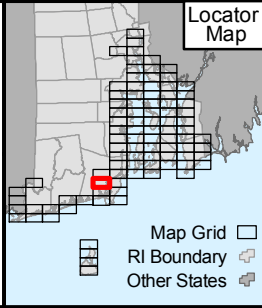
NOTES:  
 \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.  
 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

- |   |  |   |   |
|---|--|---|---|
| <b>SLR Inundation*</b>  | <b>Transportation Infrastructure</b>                     | <b>Bridges</b>  | <b>Reference Features</b>   |
| <ul style="list-style-type: none"> <li> 1 Foot</li> <li> 3 Feet</li> <li> 5 Feet</li> </ul> | <ul style="list-style-type: none"> <li> Roads</li> </ul> | <ul style="list-style-type: none"> <li><b>Freeboard (FB) Height</b></li> <li> FB Concern</li> <li> No FB Concern</li> <li><b>Accessibility</b></li> <li> Not Accessible</li> <li> Accessible</li> </ul> | <ul style="list-style-type: none"> <li> Map Atlas Grid</li> <li> Municipal Boundary</li> <li> Streams</li> <li> RI Ponds &amp; MHHW**</li> <li> wetland</li> <li> RI Boundary***</li> </ul> |

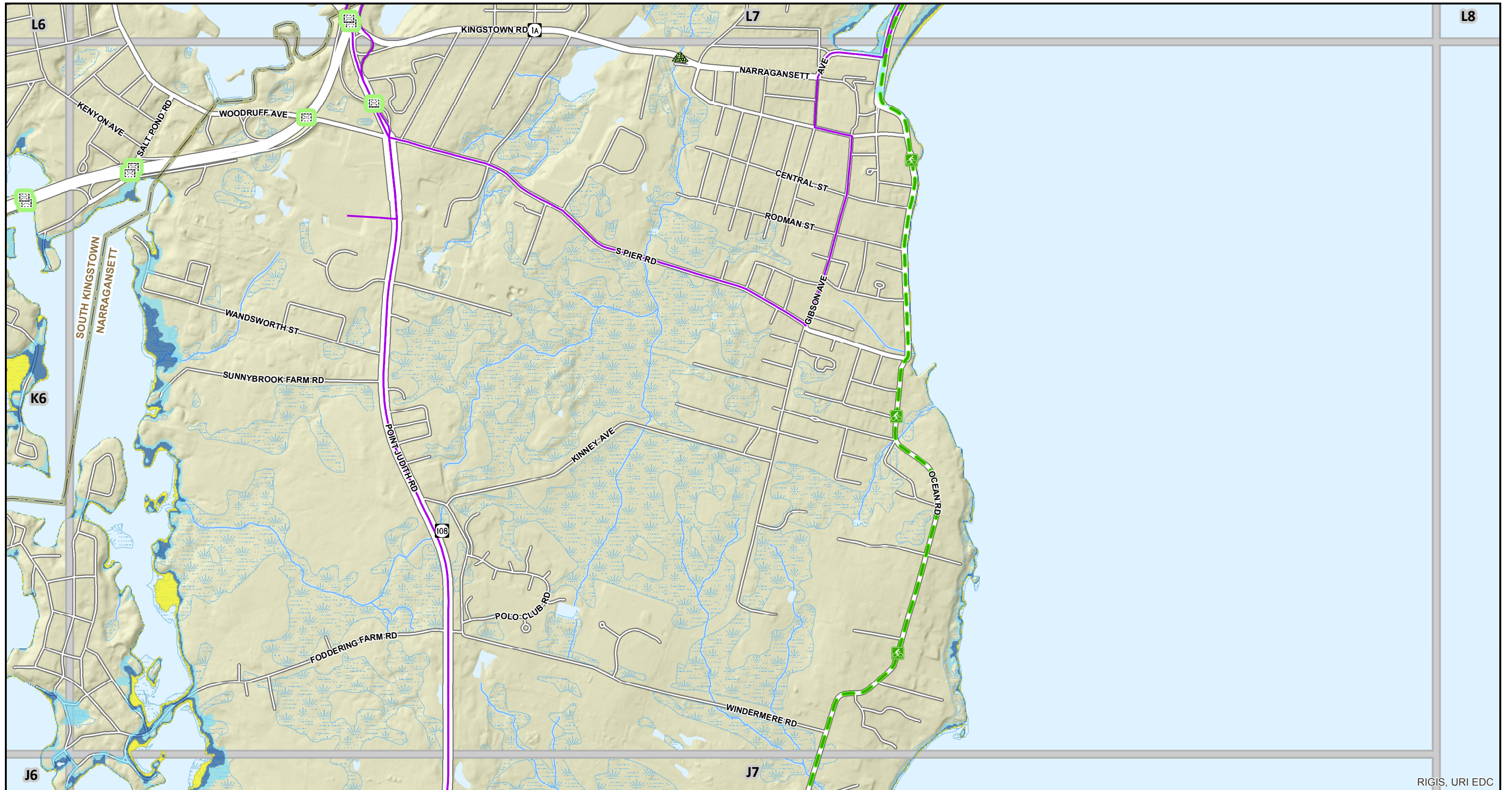
0 0.125 0.25 0.5 Miles

Christina Delage (Baga 04/07/2014)  
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**Rhode Island Sea Level Rise:  
 Impacts on Transportation Assets  
 South Kingstown & Narragansett**



RIGIS, URI EDC

**Map Legend**

NOTES:  
 \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.  
 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

- |                        |                                      |                       |                           |
|------------------------|--------------------------------------|-----------------------|---------------------------|
| <b>SLR Inundation*</b> | <b>Transportation Infrastructure</b> | <b>Bridges</b>        | <b>Reference Features</b> |
| 1 Foot                 | Roads                                | Freeboard (FB) Height | Map Atlas Grid            |
| 3 Feet                 | Bus Routes                           | No FB Concern         | Municipal Boundary        |
| 5 Feet                 | Bike Paths                           | Accessibility         | Dams                      |
|                        |                                      | Accessible            | Streams                   |
|                        |                                      |                       | RI Ponds & MHHW**         |
|                        |                                      |                       | wetland                   |
|                        |                                      |                       | RI Boundary***            |

0 0.125 0.25 0.5 Miles

RHODE ISLAND STATEWIDE PLANNING PROGRAM

NOAA

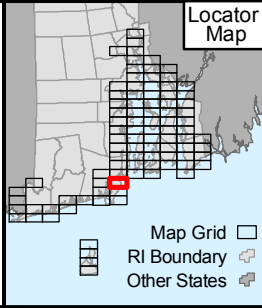
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Christina Delage (Baga 04/07/2014)

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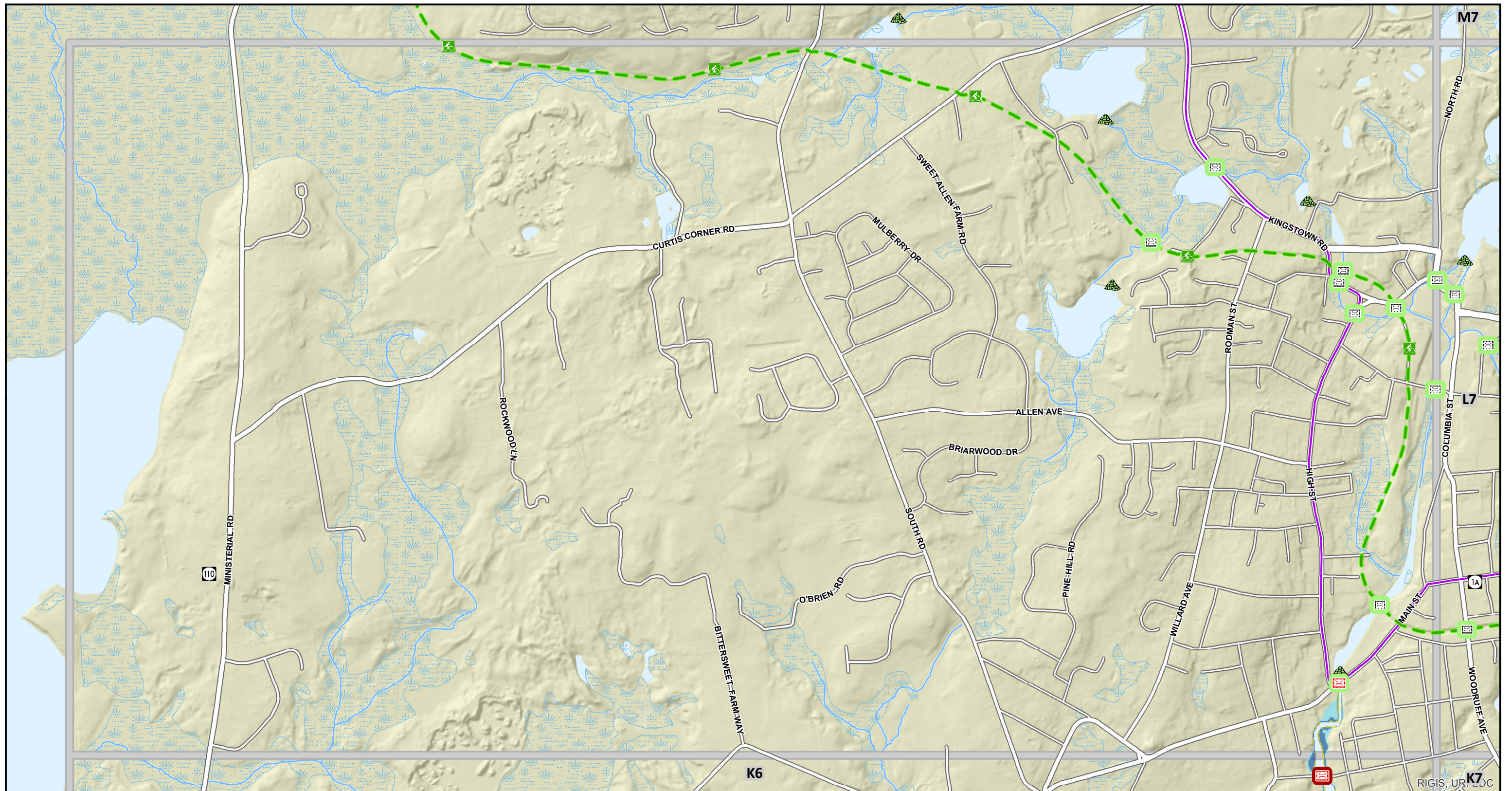
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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**

**South Kingstown & Narragansett**

**MAP K7**



### Map Legend

**NOTES:**

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

\*\* Mean Higher High Water

\*\*\* Includes Hillshade from USGS 2011 LiDAR

**SLR Inundation\***

- 1 Foot
- 3 Feet
- 5 Feet

**Transportation Infrastructure**

- Roads
- Bus Routes
- Bike Paths

**Bridges**

- Freeboard (FB) Height
- FB Concern
  - No FB Concern
- Accessibility
- Not Accessible
  - Accessible

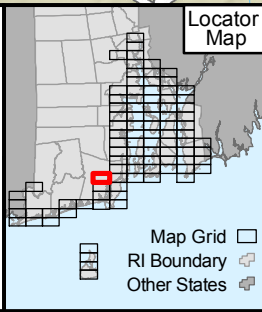
**Reference Features**

- Map Atlas Grid
- Dams
- Streams
- RI Ponds & MHHW\*\*
- wetland
- RI Boundary\*\*\*



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 J:\Statewide Planning Program\Transportation\Sea Level Rise Paper\Final\SLR\_Map20140407

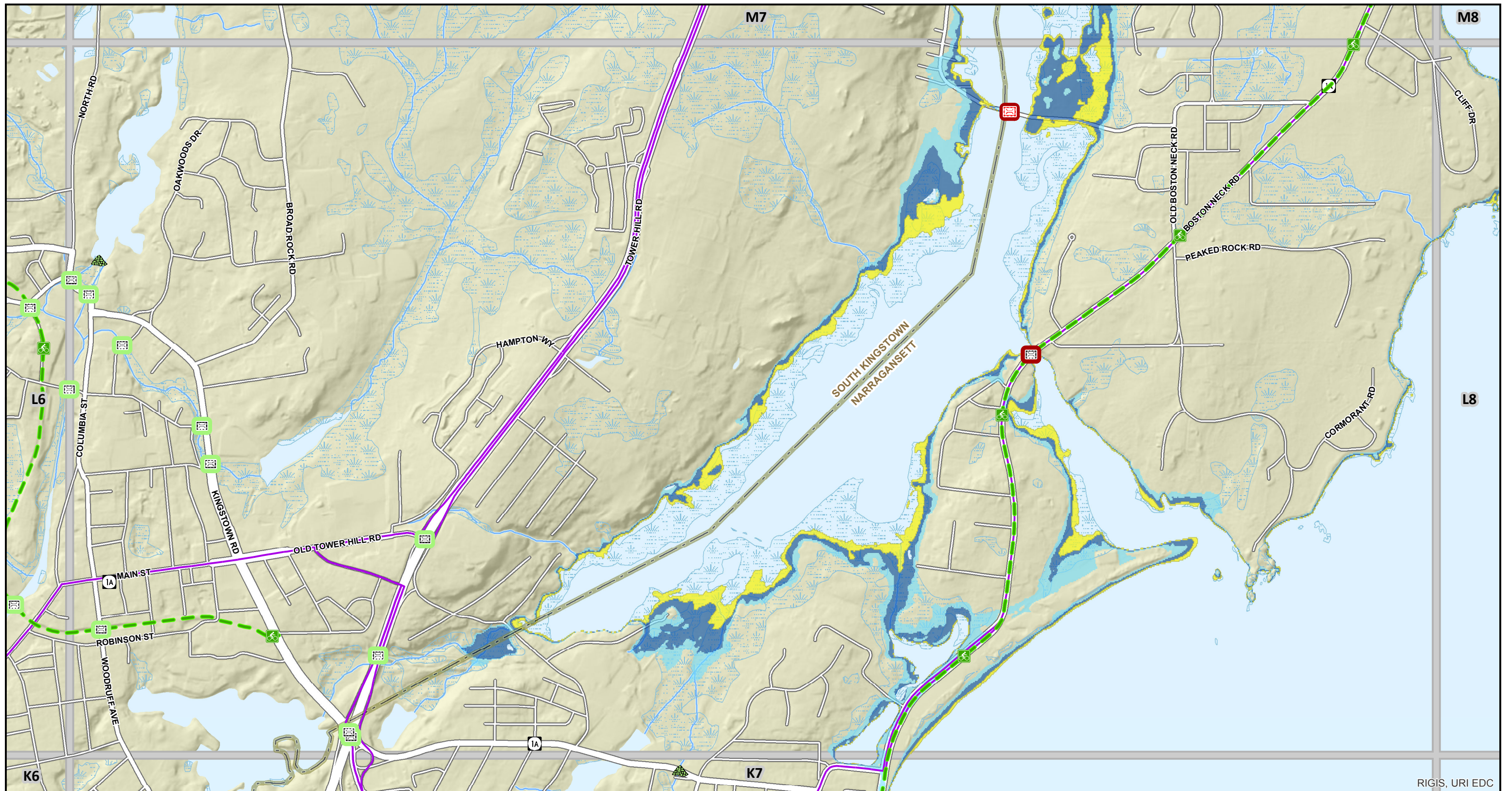
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# Rhode Island Sea Level Rise: Impacts on Transportation Assets

## South Kingstown

MAP L6



RIGIS, URI EDC

**Map Legend**

NOTES:  
 \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.  
 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

- |  |  |  |  |
|--|--|--|--|
| <p><b>SLR Inundation*</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> 1 Foot</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> 3 Feet</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> 5 Feet</li> </ul> | <p><b>Transportation Infrastructure</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Roads</li> <li><span style="display: inline-block; width: 10px; border-bottom: 2px solid purple; margin-right: 5px;"></span> Bus Routes</li> <li><span style="display: inline-block; width: 10px; border-bottom: 2px dashed green; margin-right: 5px;"></span> Bike Paths</li> </ul> | <p><b>Bridges</b></p> <p>Freeboard (FB) Height</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: red; border: 1px solid black; margin-right: 5px;"></span> FB Concern</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: green; border: 1px solid black; margin-right: 5px;"></span> No FB Concern</li> </ul> <p>Accessibility</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: red; border: 2px solid red; margin-right: 5px;"></span> Not Accessible</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: green; border: 2px solid green; margin-right: 5px;"></span> Accessible</li> </ul> | <p><b>Reference Features</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid gray; margin-right: 5px;"></span> Map Atlas Grid</li> <li><span style="display: inline-block; width: 10px; border-bottom: 1px solid gray; margin-right: 5px;"></span> Municipal Boundary</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Dams</li> <li><span style="display: inline-block; width: 10px; border-bottom: 1px dashed blue; margin-right: 5px;"></span> Streams</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> RI Ponds &amp; MHHW**</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> wetland</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> RI Boundary***</li> </ul> |
|--|--|--|--|

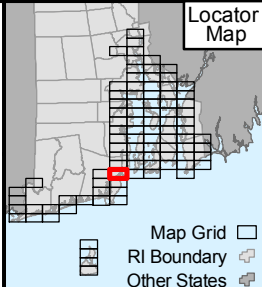
0 0.125 0.25 0.5 Miles

RHODE ISLAND STATEWIDE PLANNING PROGRAM NOAA CRMC RIGIS

Christina Delage (Baga 04/07/2014)

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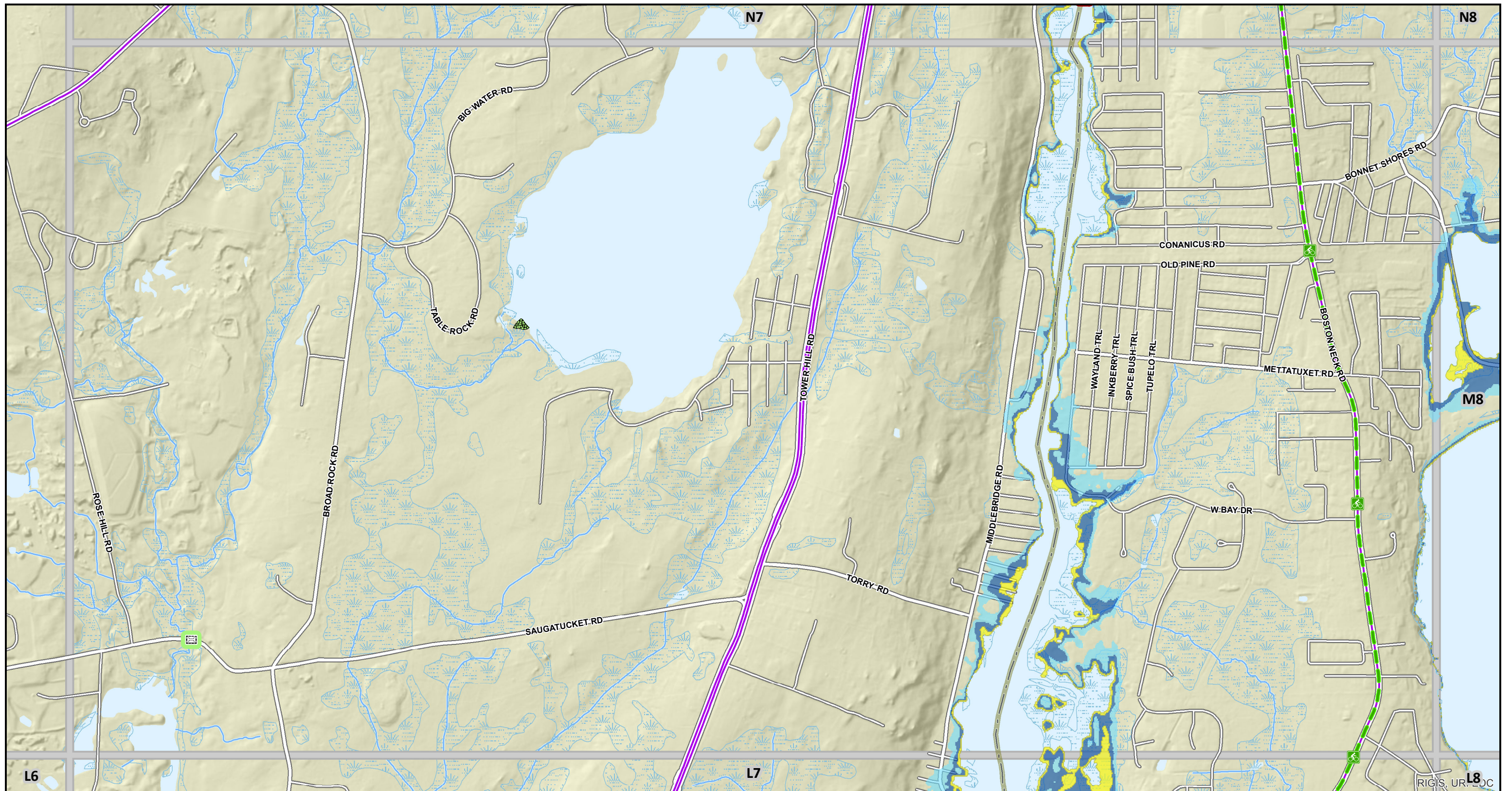
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**Rhode Island Sea Level Rise:  
 Impacts on Transportation Assets  
 South Kingstown & Narragansett**

**MAP L7**





**Map Legend**

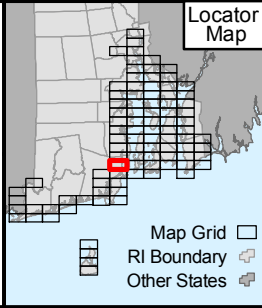
NOTES:  
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 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

- |   |  |  |  |
|---|--|--|--|
| <p><b>SLR Inundation*</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> 1 Foot</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> 3 Feet</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: darkblue; border: 1px solid black; margin-right: 5px;"></span> 5 Feet</li> </ul> | <p><b>Transportation Infrastructure</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Roads</li> <li><span style="display: inline-block; width: 10px; border-bottom: 2px solid purple; margin-right: 5px;"></span> Bus Routes</li> <li><span style="display: inline-block; width: 10px; border-bottom: 2px dashed green; margin-right: 5px;"></span> Bike Paths</li> </ul> | <p><b>Bridges</b></p> <p>Freeboard (FB) Height</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> No FB Concern</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 2px solid red; margin-right: 5px;"></span> Not Accessible</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 2px solid green; margin-right: 5px;"></span> Accessible</li> </ul> | <p><b>Reference Features</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid gray; margin-right: 5px;"></span> Map Atlas Grid</li> <li><span style="display: inline-block; width: 10px; border-bottom: 1px solid gray; margin-right: 5px;"></span> Municipal Boundary</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> Dams</li> <li><span style="display: inline-block; width: 10px; border-bottom: 1px dashed blue; margin-right: 5px;"></span> Streams</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ADD8E6; border: 1px solid black; margin-right: 5px;"></span> RI Ponds &amp; MHHW**</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> wetland</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid gray; margin-right: 5px;"></span> RI Boundary***</li> </ul> |
|---|--|--|--|

0 0.125 0.25 0.5 Miles

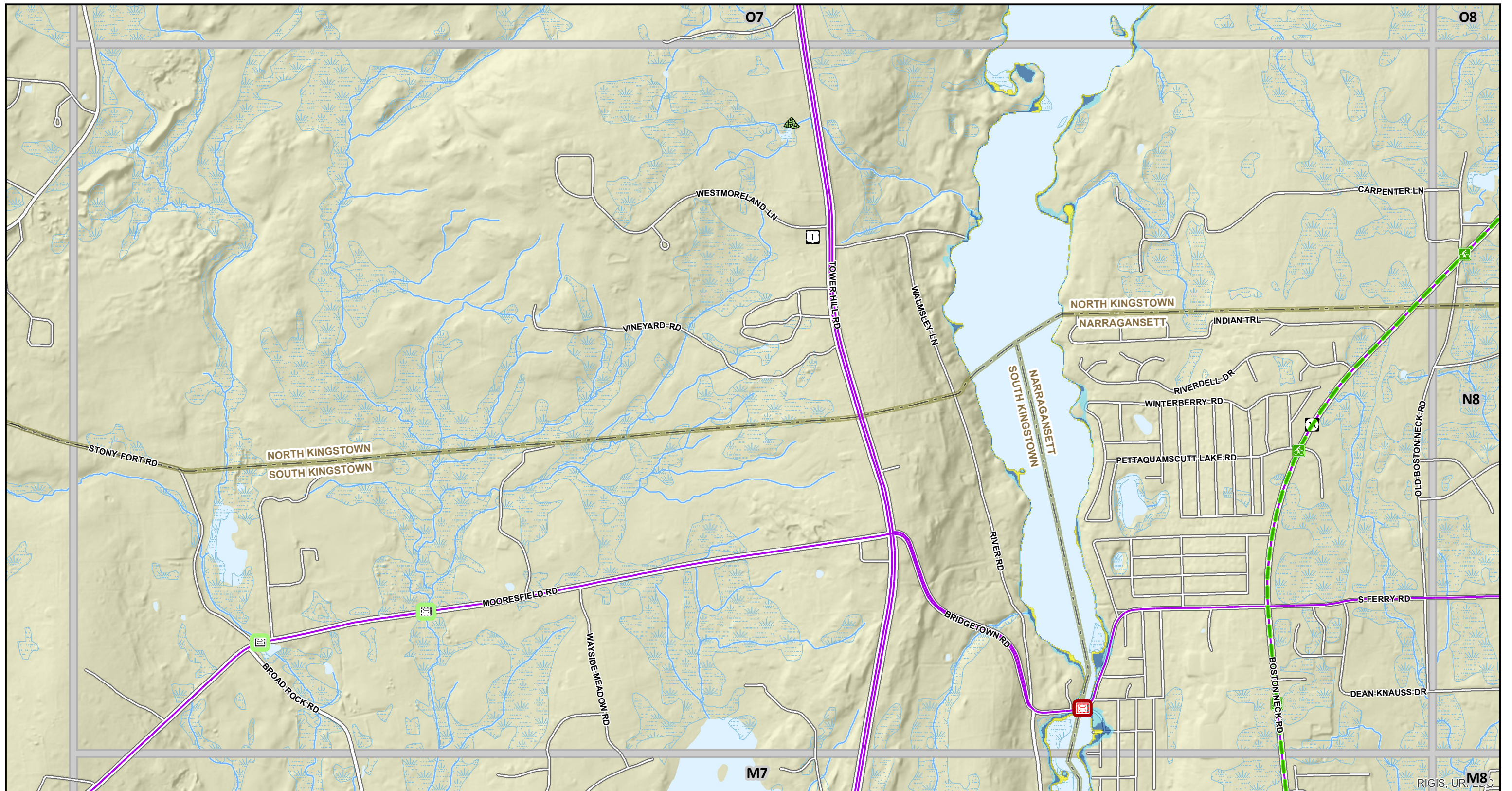
Christina Delage (Baga 04/07/2014)  
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**Rhode Island Sea Level Rise:  
 Impacts on Transportation Assets**

**South Kingstown & Narragansett**



**Map Legend**

NOTES:

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- \*\*\* Includes Hillshade from USGS 2011 LiDAR

<p><b>SLR Inundation*</b></p> <ul style="list-style-type: none"> <li>1 Foot</li> <li>3 Feet</li> <li>5 Feet</li> </ul>	<p><b>Transportation Infrastructure</b></p> <ul style="list-style-type: none"> <li>Roads</li> <li>Bus Routes</li> <li>Bike Paths</li> </ul>	<p><b>Bridges</b></p> <p>Freeboard (FB) Height</p> <ul style="list-style-type: none"> <li>FB Concern</li> <li>No FB Concern</li> </ul> <p>Accessibility</p> <ul style="list-style-type: none"> <li>Not Accessible</li> <li>Accessible</li> </ul>	<p><b>Reference Features</b></p> <ul style="list-style-type: none"> <li>Map Atlas Grid</li> <li>Municipal Boundary</li> <li>Dams</li> <li>Streams</li> <li>RI Ponds &amp; MHHW**</li> <li>wetland</li> <li>RI Boundary***</li> </ul>
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0 0.125 0.25 0.5 Miles

Rhode Island Statewide Planning Program

NOAA

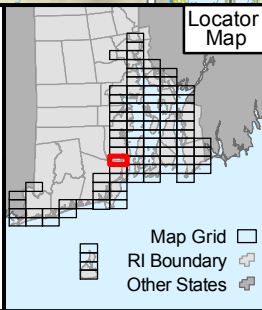
CRMC

RIGIS

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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**

**South Kingstown, Narragansett & North Kingstown**

**MAP N7**