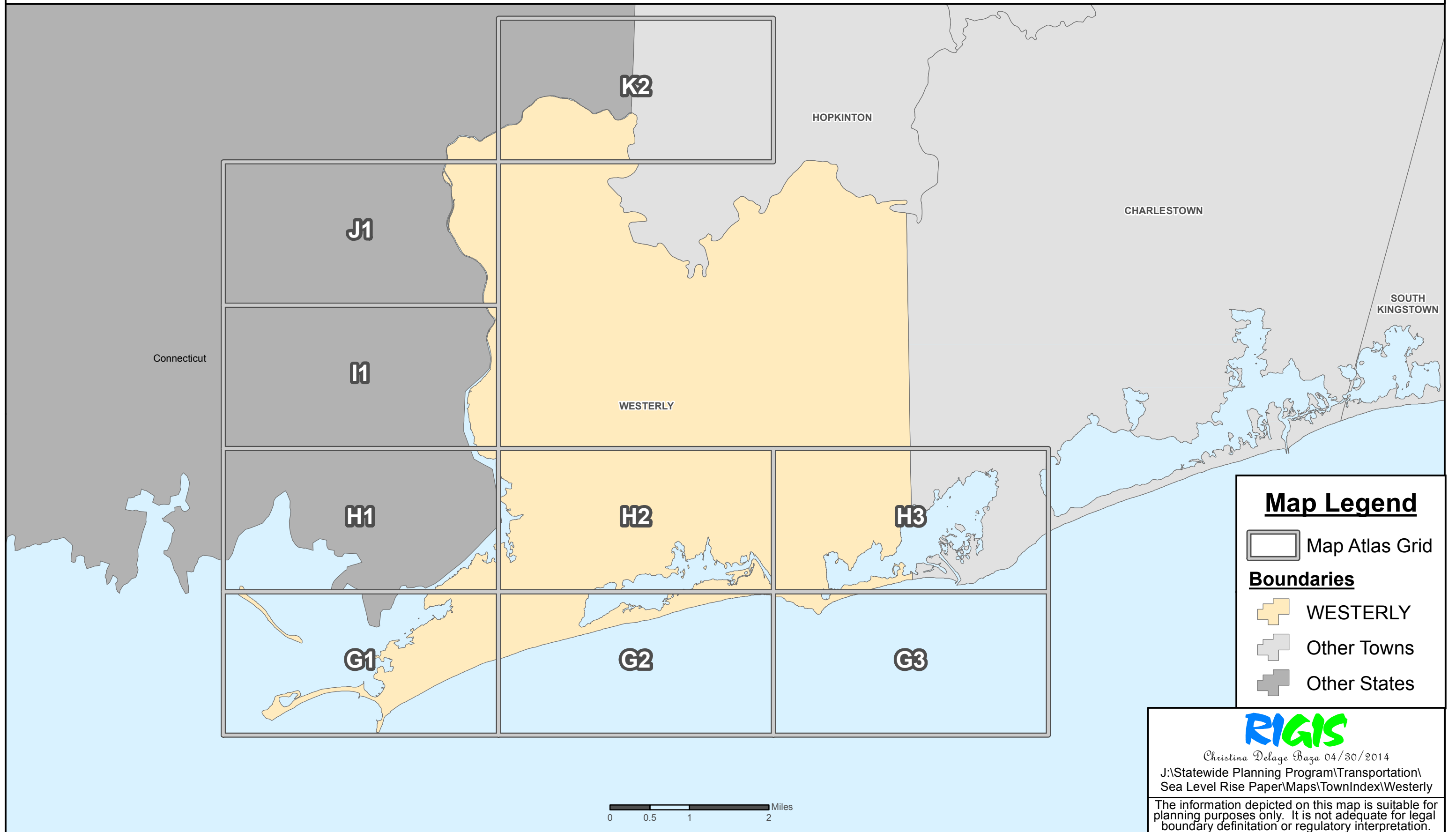






# Westerly Sea Level Rise: Map Atlas Grid



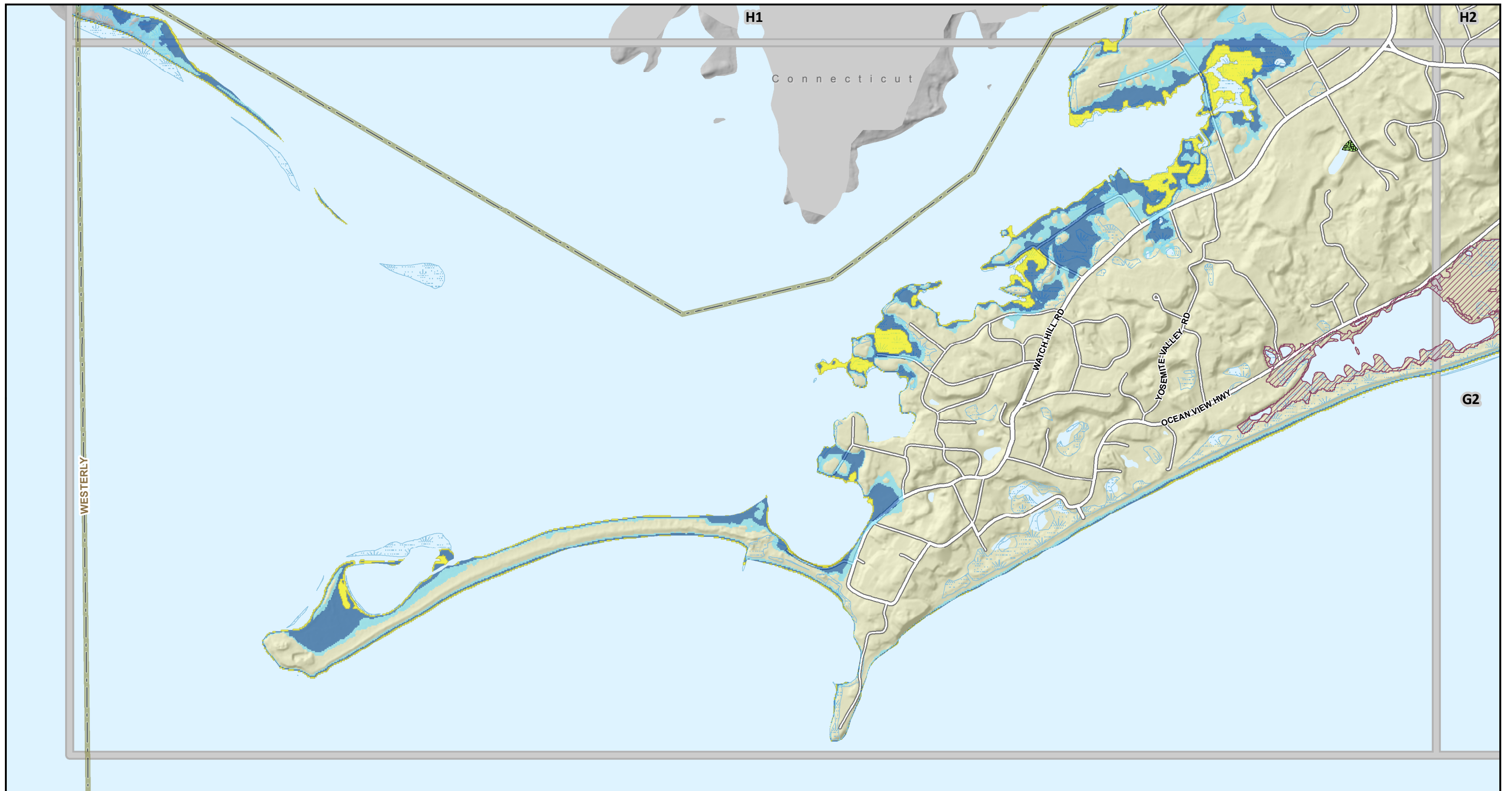
## Map Legend

-  Map Atlas Grid
- Boundaries**
-  WESTERLY
-  Other Towns
-  Other States



Christina Delage Baza 04/30/2014  
J:\Statewide Planning Program\Transportation\  
Sea Level Rise Paper\Maps\TownIndex\Westerly  
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**

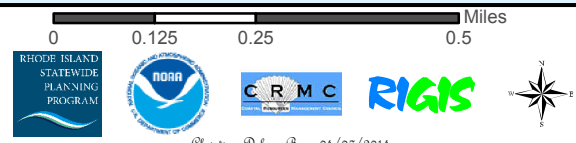
NOTES:

- \* 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

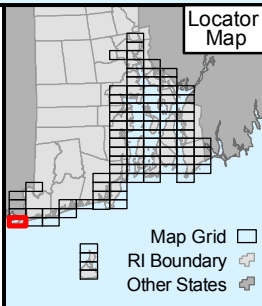
- Transportation Infrastructure**
- Roads

- Reference Features**
- Map Atlas Grid
  - ▲ Dams
  - ~ Streams
  - RI Ponds & MHHW\*\*
  - wetland
  - RI Boundary\*\*\*
  - Other States



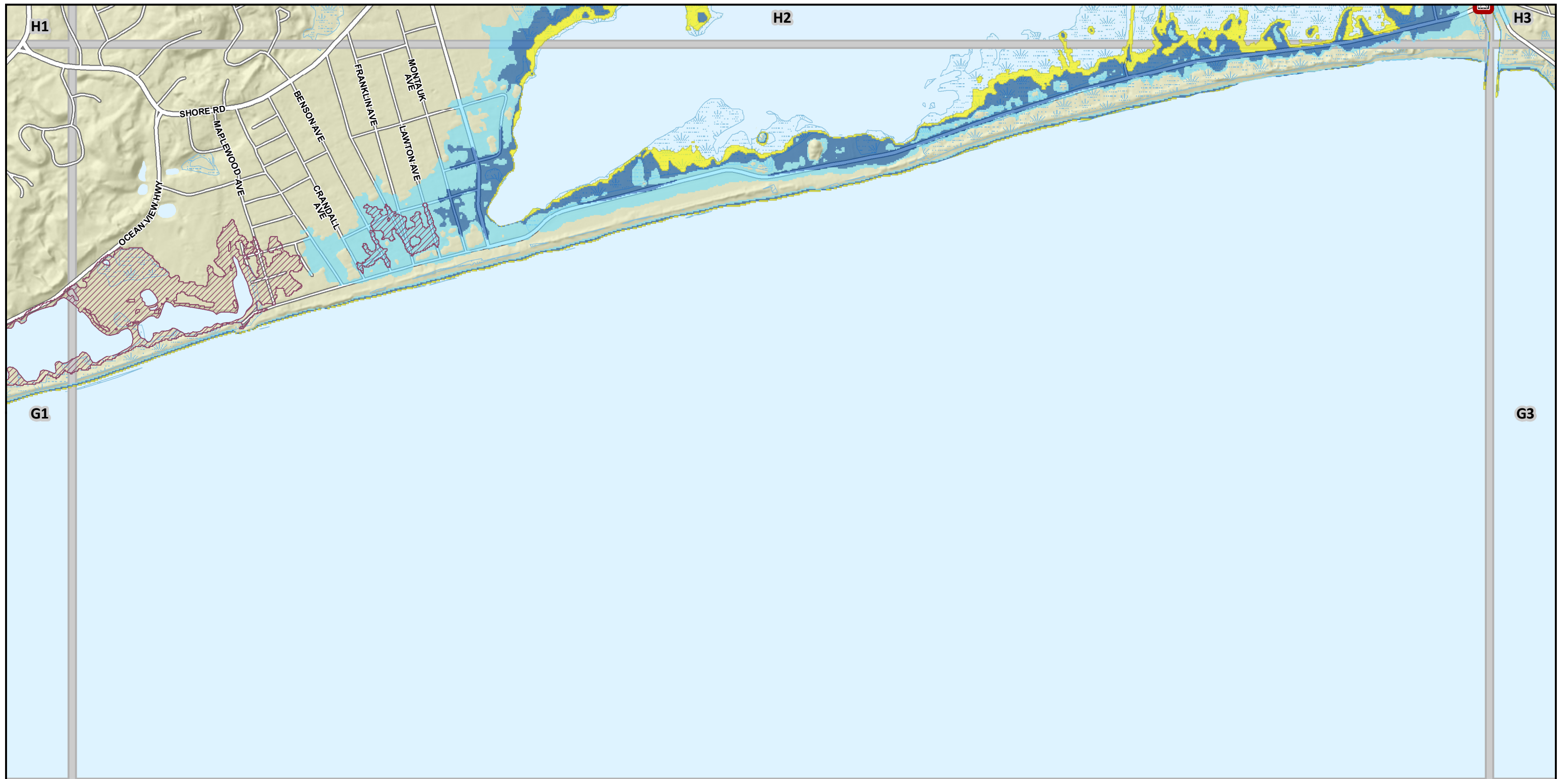
Christina Delage (Baga) 04/07/2014  
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**Rhode Island Sea Level Rise:  
Impacts on Transportation Assets**

**Westerly**



**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
- No FB Concern
  - Not Accessible

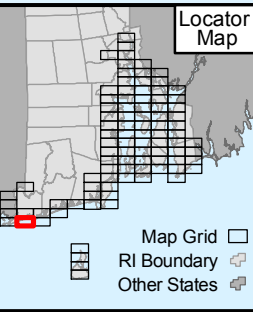
- Reference Features**
- Map Atlas Grid
  - RI Ponds & MHHW\*\*
  - wetland
  - RI Boundary\*\*\*

0 0.125 0.25 0.5 Miles

Christina Delage Baga 04/07/2014

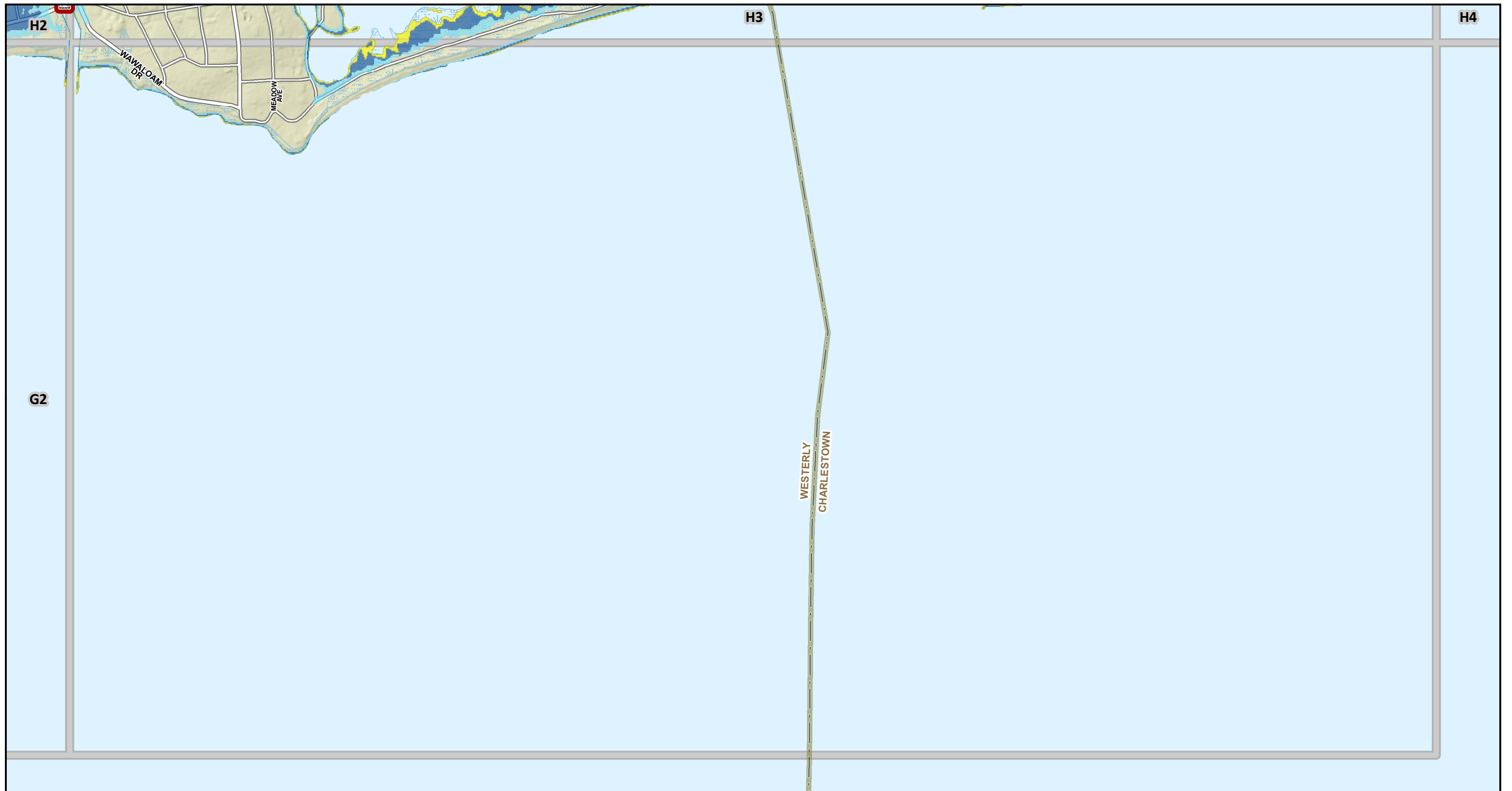
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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**

**Westerly**



**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

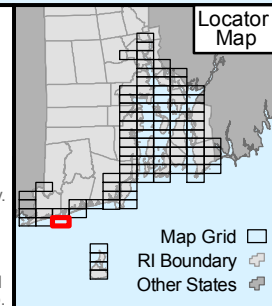
**Bridges**  
 Freeboard (FB) Height  
 No FB Concern  
 Accessibility  
 Not Accessible

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

0 0.125 0.25 0.5 Miles

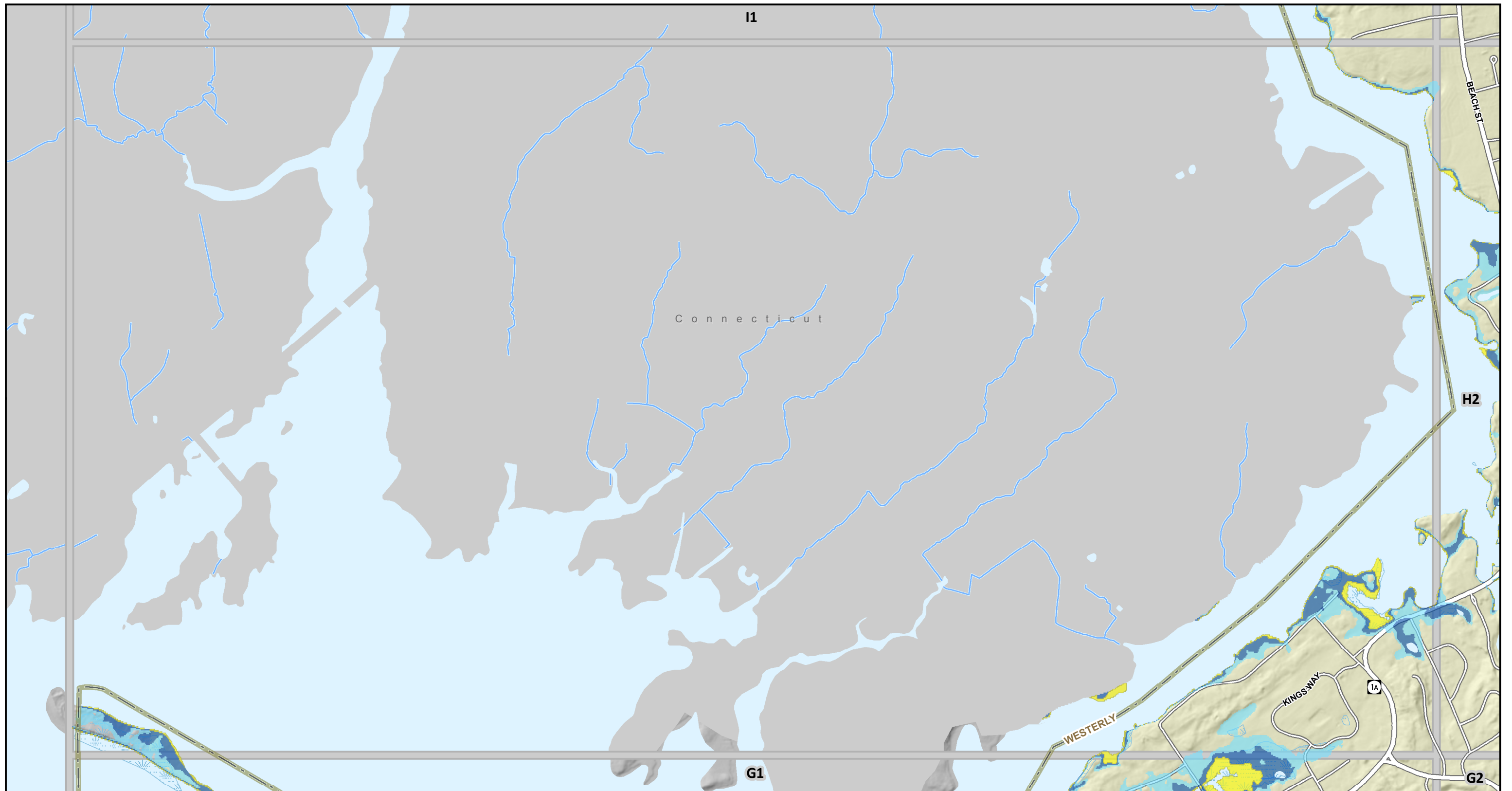
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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**

**Westerly & Charlestown**



### 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

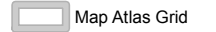
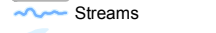
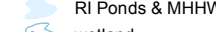

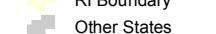

**SLR Inundation\***

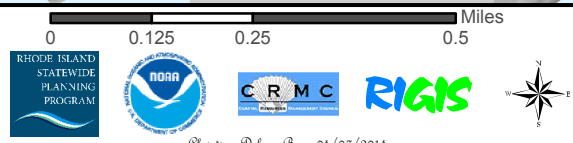
-  1 Foot
-  3 Feet
-  5 Feet

**Transportation Infrastructure**

-  Roads

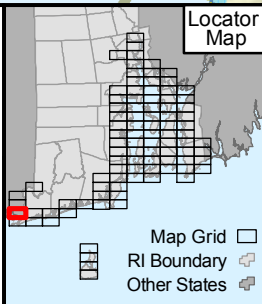
**Reference Features**

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



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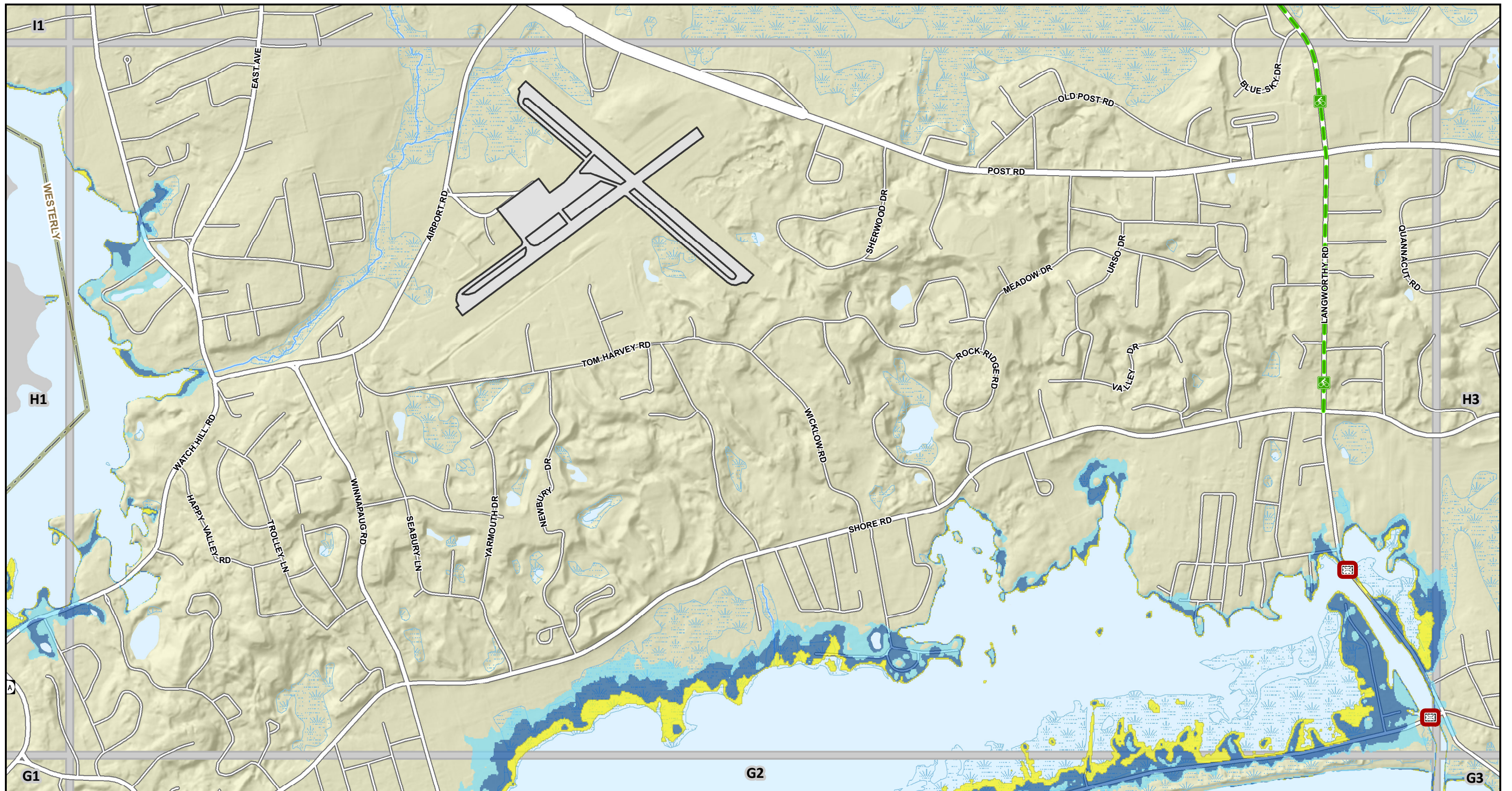
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## Rhode Island Sea Level Rise: Impacts on Transportation Assets

### Westerly

MAP H1



**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
  - Bike Paths
  - Airports

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

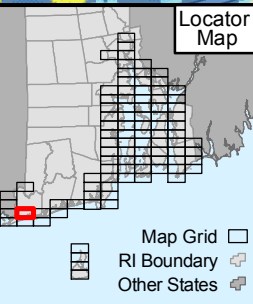
- Reference Features**
- Map Atlas Grid
  - Streams
  - RI Ponds & MHHW\*\*
  - wetland
  - RI Boundary\*\*\*
  - Other States

0 0.125 0.25 0.5 Miles

Christina Delage (Baga 04/07/2014)

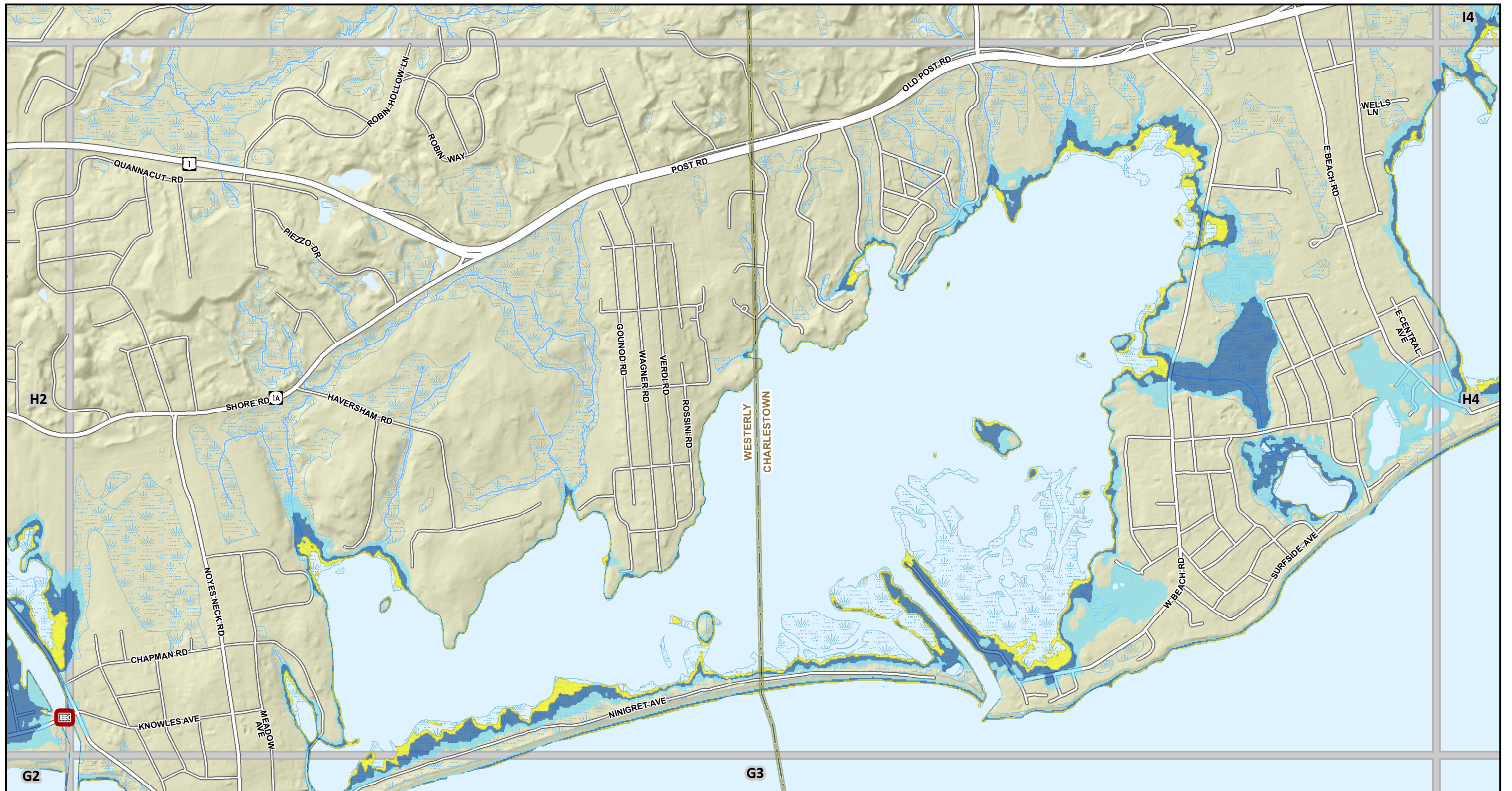
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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**

**Westerly**



**Map Legend**

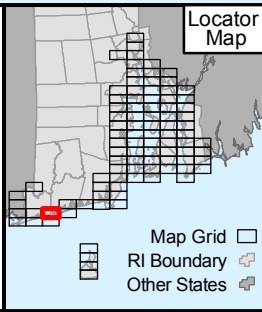
NOTES:  
 \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.  
 \*\* Mean Higher High Water  
 \*\*\* Includes Hillshade from USGS 2011 LiDAR

- |   |  |   |  |
|---|--|---|--|
| <p><b>SLR Inundation*</b></p> <ul style="list-style-type: none"> <li> 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> </ul> | <p><b>Bridges</b></p> <ul style="list-style-type: none"> <li> No FB Concern</li> <li> Not 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> Streams</li> <li> RI Ponds &amp; MHHW**</li> <li> wetland</li> <li> RI Boundary***</li> </ul> |
|---|--|---|--|

0 0.125 0.25 0.5 Miles

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**Rhode Island Sea Level Rise:  
 Impacts on Transportation Assets  
 Westerly & Charlestown**

J1

C o n n e c t i c u t

H1

H2

### 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



#### Intermodal Hubs

-  Train







#### Transportation Infrastructure

-  Roads
-  Railroads
-  Bus Routes
-  Ports & Harbors

#### Bridges

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

#### Reference Features

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

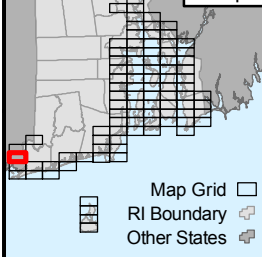


Christina Delage (Baga) 04/07/2014

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#### Locator Map



# Rhode Island Sea Level Rise: Impacts on Transportation Assets

## Westerly

MAP 11





### Map Legend

NOTES:

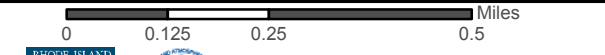
- \* The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.
- \*\* Mean Higher High Water
- \*\*\* Includes Hillshade from USGS 2011 LiDAR

- SLR Inundation\***
- 1 Foot
  - 3 Feet
  - 5 Feet
- Intermodal Hubs**
- Train

- Transportation Infrastructure**
- Roads
  - Railroads
  - Bus Routes
  - Ports & Harbors

- Bridges**
- Freeboard (FB) Height
- No FB Concern
- Accessibility
- Accessible

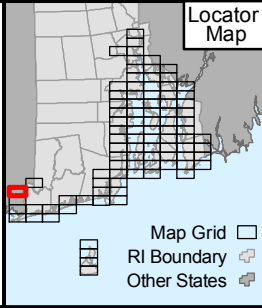
- Reference Features**
- Map Atlas Grid
  - Dams
  - Streams
  - RI Ponds & MHHW\*\*
  - wetland
  - RI Boundary\*\*\*
  - Other States



Christina Delage (Baga 04/07/2014)

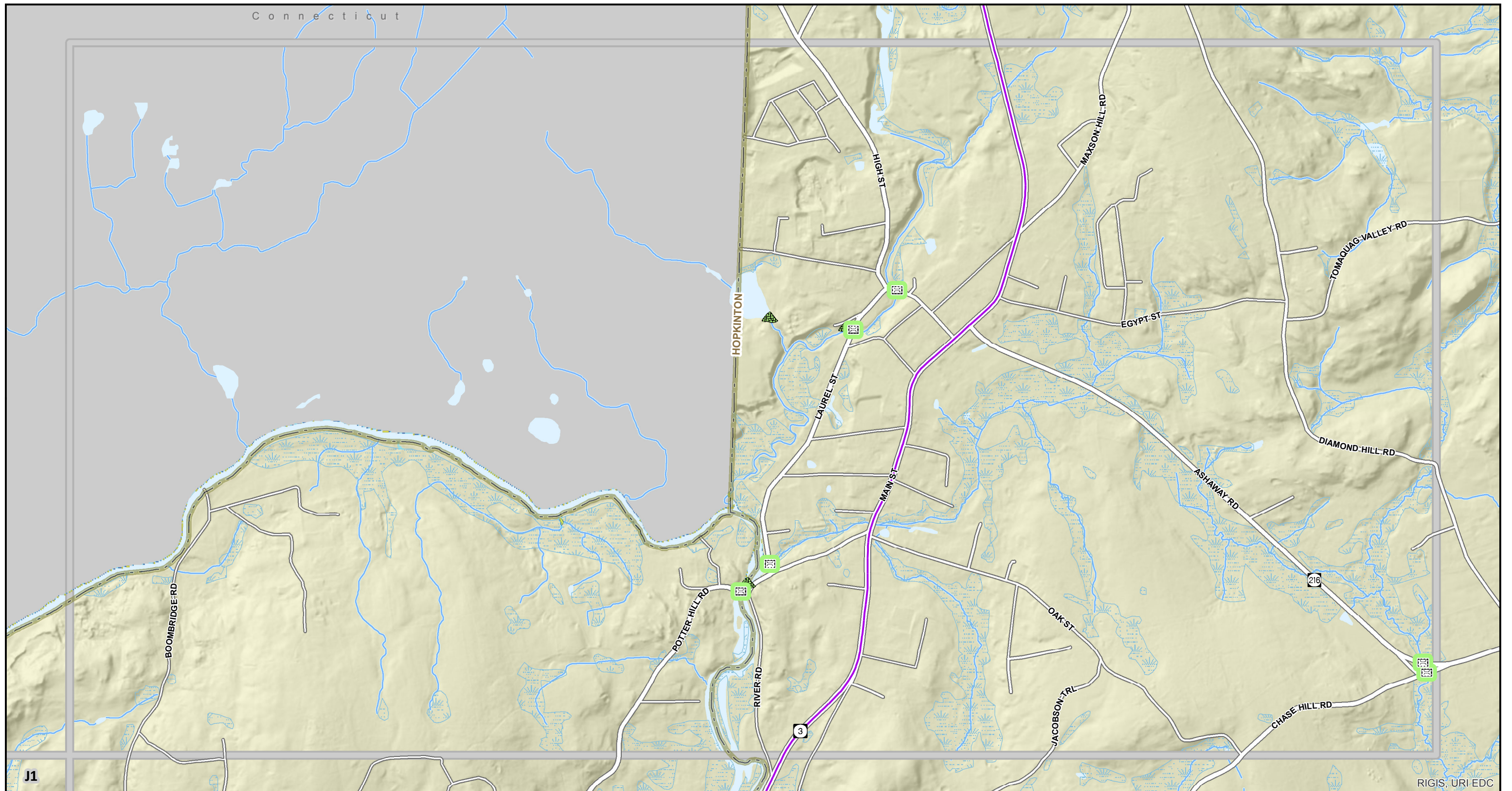
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# Rhode Island Sea Level Rise: Impacts on Transportation Assets

## Westerly



J1

RIGIS, URI EDC

**Map Legend**

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

- SLR Inundation\***
- 1 Foot
  - 3 Feet
  - 5 Feet

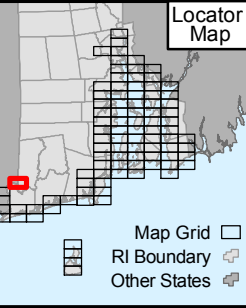
- Transportation Infrastructure**
- Roads
  - Bus Routes

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

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



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**Rhode Island Sea Level Rise: Impacts on Transportation Assets**  
**Westerly & Hopkinton**

**MAP K2**