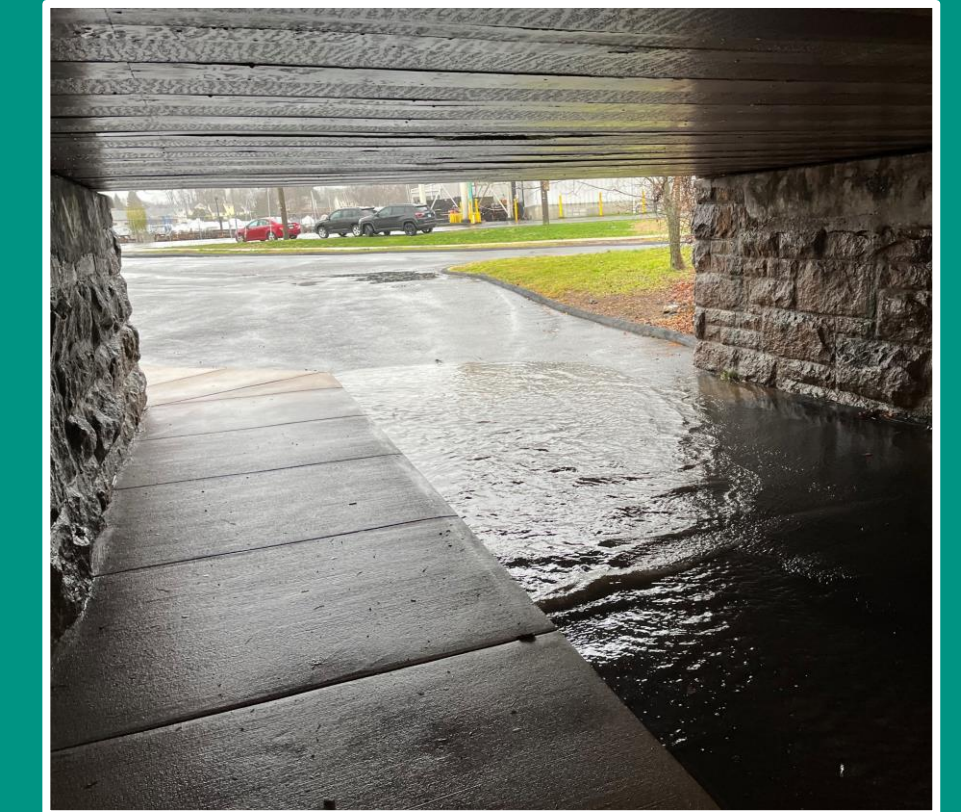


# THE MEADOW STREET NEIGHBORHOOD

# RESILIENT BRANFORD



| Storm Event | Number of Structures Impacted (North of Train Tracks) |                       |
|-------------|---|-----------------------|
|             | Current Climate                                       | Future Climate (2050) |
| 10-Year     | 0   | 34                    |
| 50-Year     | 29  | 40                    |
| 100-Year    | 35  | 42                    |



THE CATTLE CROSSING



# EXTENT OF FLOODING

## 10-YEAR STORM (PRESENT DAY)

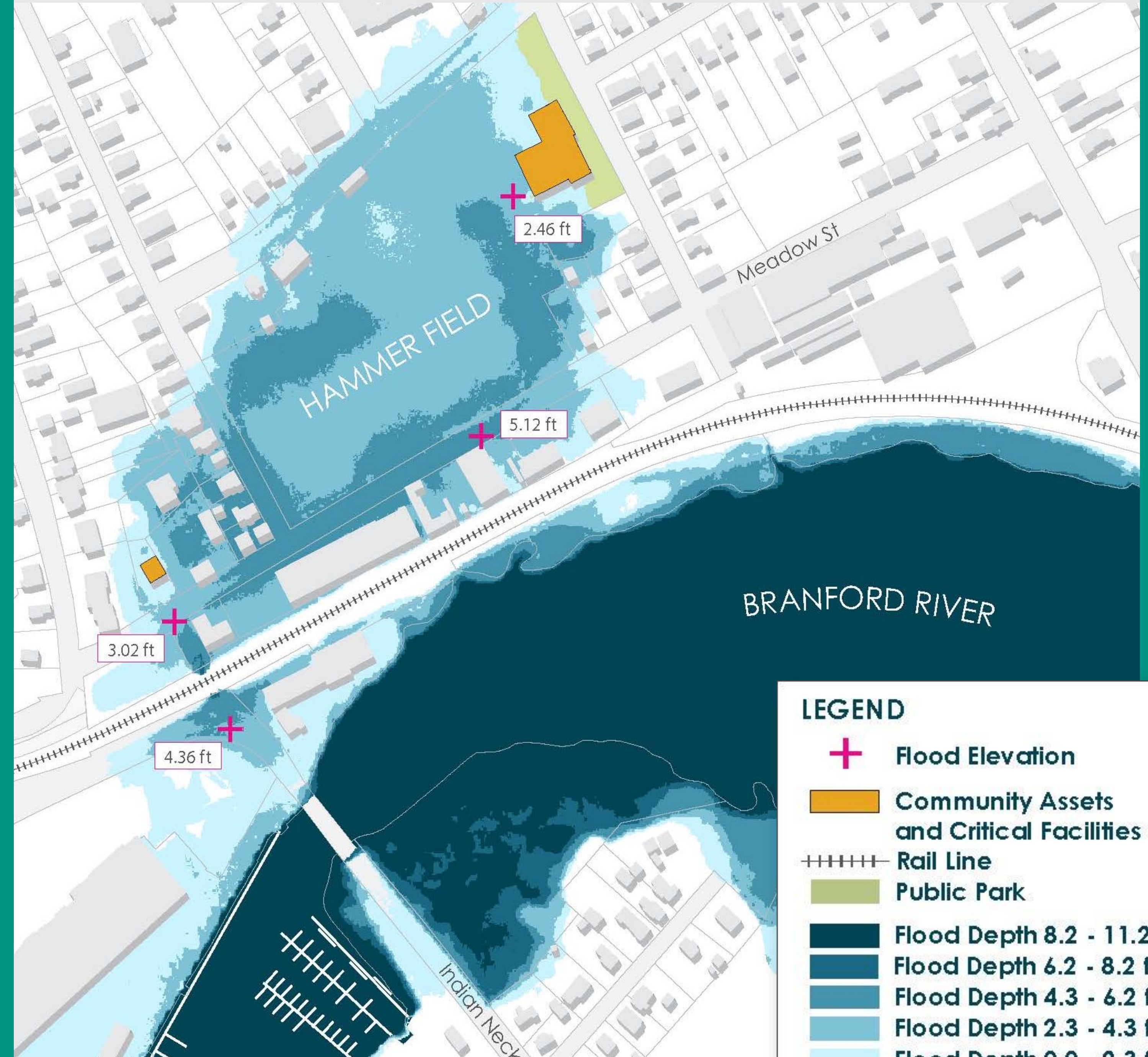
Present day, coastal storm flooding is limited to the area south of the train tracks and makes the Cattle Crossing inaccessible.



## 10-YEAR STORM (2050)

Assumes 20-inches of sea level rise

Future climate, coastal storm flooding will impact up to 35 residential, business and municipal structures as well as result in multiple road closures.



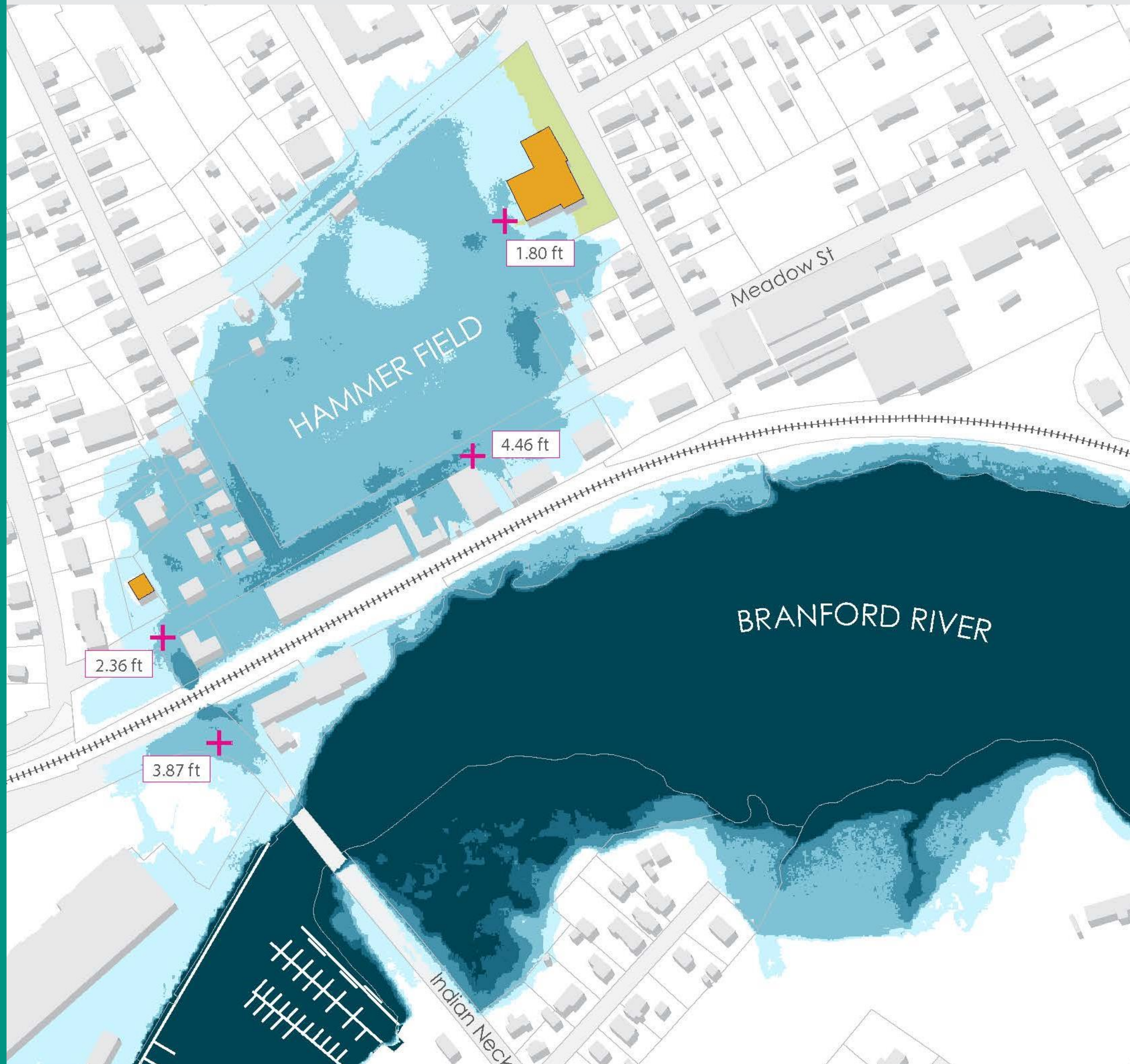
# RESILIENT BRANFORD



# EXTENT OF FLOODING

## 50-YEAR STORM (PRESENT DAY)

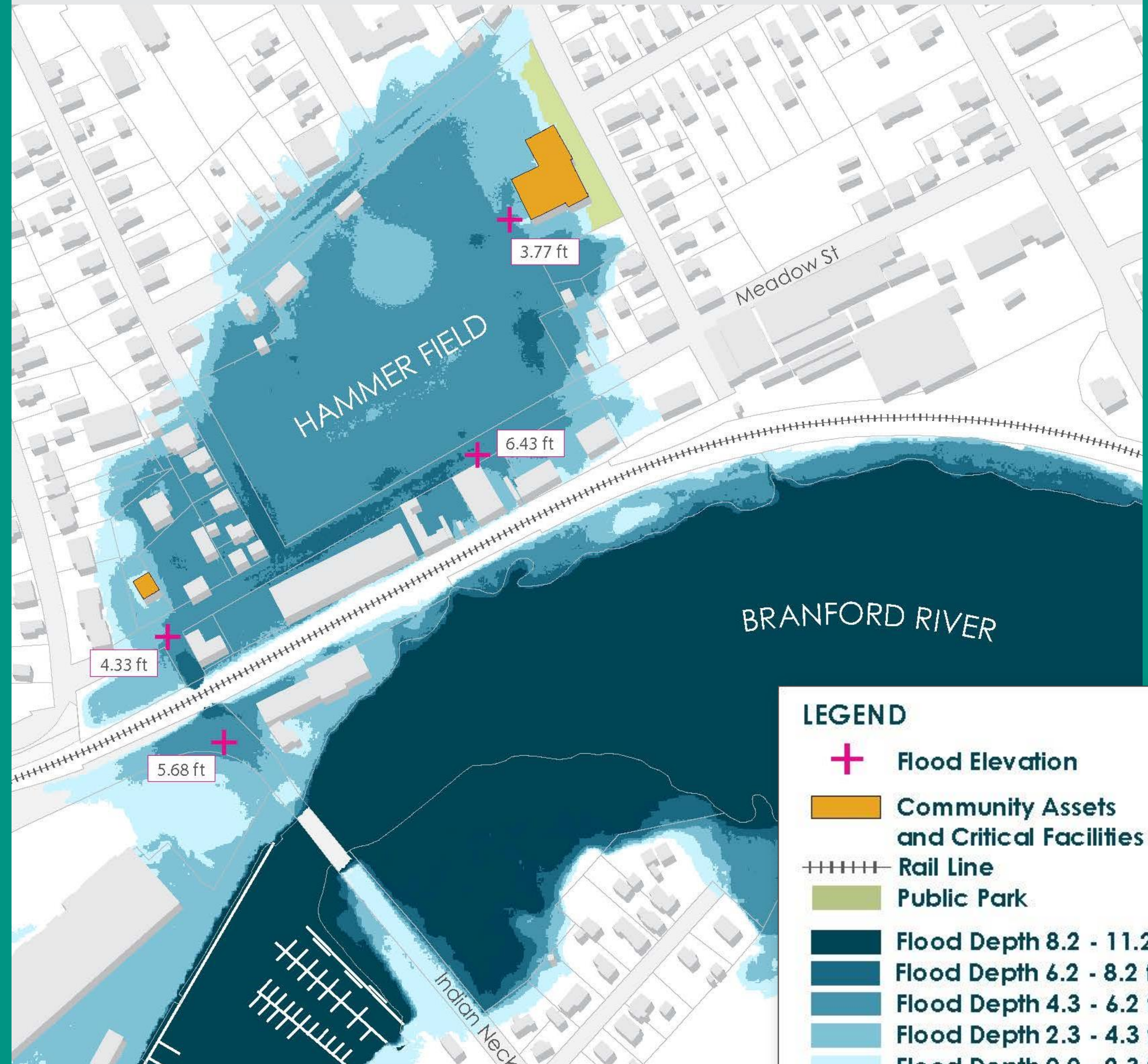
Flooding along Meadow Street could reach a depth up to 4 feet during the 2% AEP coastal storm event.



## 50-YEAR STORM (2050)

Assumes 20-inches of sea level rise

Under projected future conditions for a coastal storm event with the same AEP, an additional 2 feet of floodwater is anticipated.



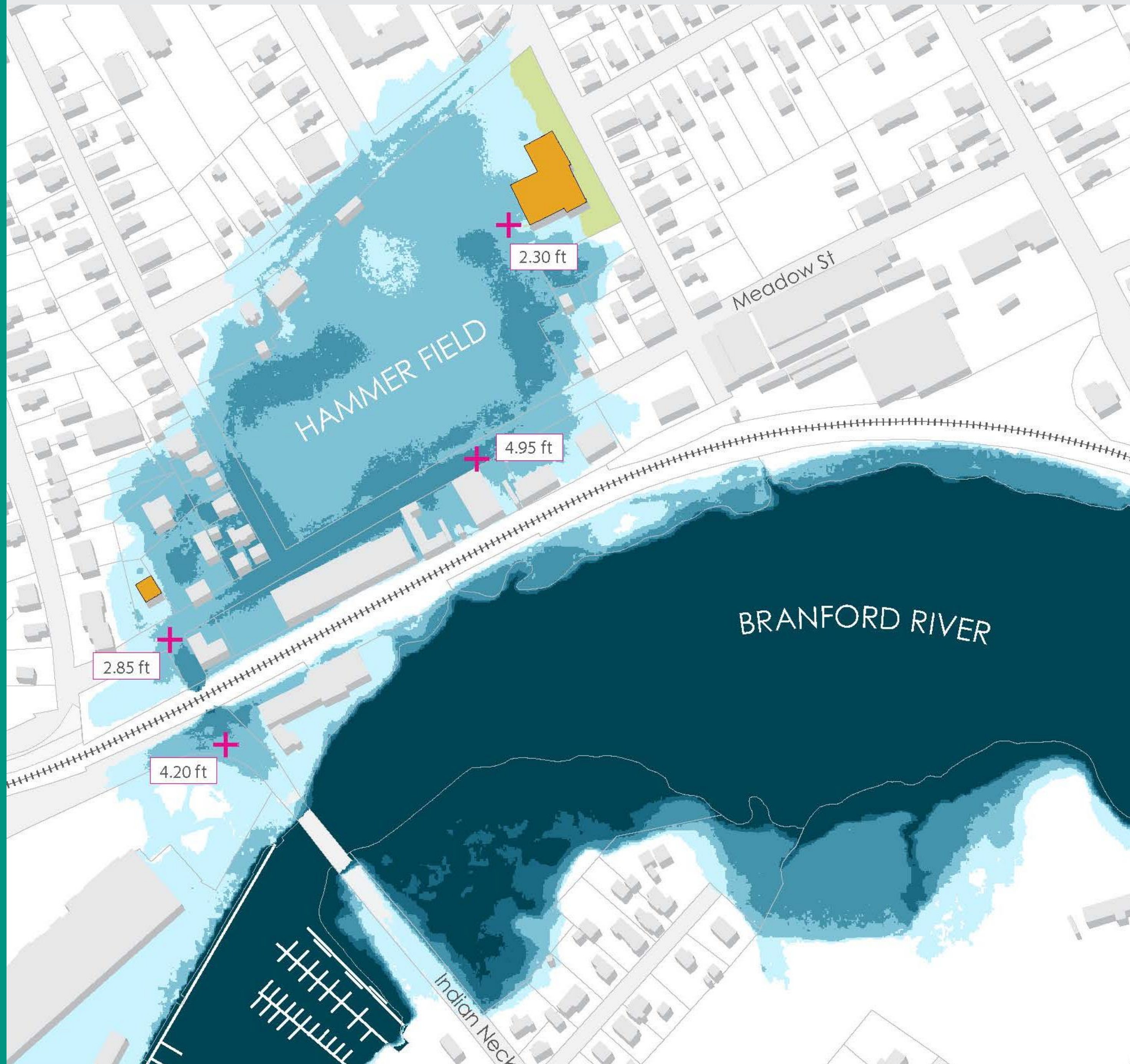
# RESILIENT BRANFORD



# EXTENT OF FLOODING

## 100-YEAR STORM (PRESENT DAY)

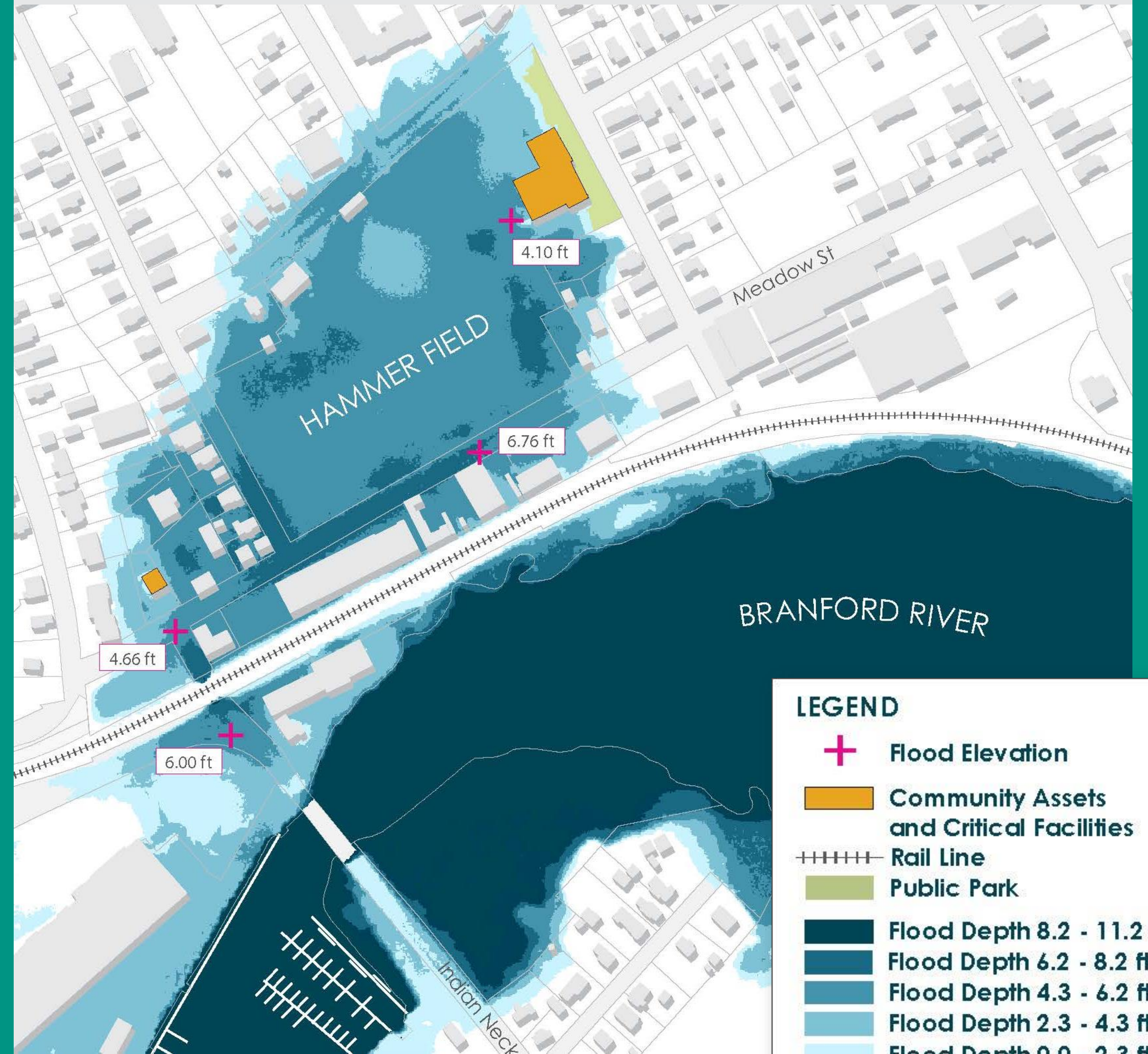
The 1% AEP storm event does not overtop the railroad embankment, even under the future SLR scenario.



## 100-YEAR STORM (2050)

Assumes 20-inches of sea level rise

Stopping floodwater before it enters the Cattle Crossing will protect the Meadow Street neighborhood from coastal flooding.



**LEGEND**

- + Flood Elevation
- Community Assets and Critical Facilities
- ++++ Rail Line
- Public Park
- Flood Depth 8.2 - 11.2 ft
- Flood Depth 6.2 - 8.2 ft
- Flood Depth 4.3 - 6.2 ft
- Flood Depth 2.3 - 4.3 ft
- Flood Depth 0.0 - 2.3 ft

# RESILIENT BRANFORD