WRW Summary

• 460 volunteers
• 4800 observations – 6800 individual animals
• 60% dead animals/40% live animals
• 153 different species
  – Mammals 57%
  – Birds 27%
  – Amphibians 10%
  – Reptiles 4%
Data Analysis

• *High density locations* - crossing attempts occur more frequently

• *Hotspots* - where there are statistically-significant clusters of crossing attempts

• Both *high density locations & hotspots* are important for understanding & planning for wildlife movement

• Where *high density locations & hotspots* overlap are especially important
Roads Analyzed

I-95 South (N. Scarborough to S. Falmouth)
I-95 North of I-295 to Alton
I-295
Route 4/16
Route 27/9
Route 17/126
Route 139/202/100A
Route 127
Route 128
Route 116
Route 1
Common Landscape Characteristics

• Interstate on/off ramp intersections with wetlands, streams and rivers
• Road **bisects** large wetland & stream complexes
• Road stream crossings
• Road runs parallel to rivers, lakes, large wetlands
• Highways with large (100s ft wide) wooded medians
I-295

53 miles with 392 observations
(7.2 observations/mile)

**High Density Locations & Hotspots Overlap**

**Brunswick Route 1 Interchange**

**Bowdoinham (Exit 17 Interchange Route 125 to North of Mulpas Road)**

**Richmond (South of Exit 43 North to Lovington Road)**

**Gardner (Exit 49)**

**High Density Locations**

**Brunswick/Topsham (Androscoggin River and Exit 51, 2 miles long)**

**Richmond (Alexander Road Road Crossing)**

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**Legend**

Number of Animal Observations per 1/4 Mile

- 0
- 1
- 2
- 3-4
- 5+

**Hotspots**

**1 Mile High Density Locations**
Endangered Species Road Watch

• 2012, 2013, 2014 volunteers surveyed 1-mile walking routes
• 25 routes surveyed
• 12 routes enough observations to analyze
• 100 meter High Density locations
• Hotspots length varied
ESRW Routes Surveyed

- 12 red segments analyzed
- 13 black segments not analyzed due to low numbers of wildlife observations
- Note: problem locations for wildlife may still occur, but were not determined
ESRW Map

Eliot
Harold L. Dow Highway

Legend
Number of Animal Observations per 50 Meters (165 feet)
- 6
- 4
- 2
- Hotspots
- High Density Locations

MAINE ~ Audubon
Wildlife Road Watch Results
Interactive Web Map

View all identified **High Density** and **Hotspot locations** and surrounding landscape characteristics

Go to:

maineaudubon.org/roadwatch