



# Ice Dam Removal Company CASE STUDY

# #01

## DO I HAVE AN ICE DAM PROBLEM?

Roof Leaks Caused by Ice Dams on Roof and in Gutters

### COLD HERE

### WARM HERE

- Water
- Snow
- Ice Dam
- Roofing
- Roof Deck
- Facia
- Gutter

Warmth

Top Plate

Meltwater from snow higher on roof hits dam of ice and backs up under roofing materials. Leaks begin.

Ceiling Joist

Ceiling Drywall

Rafter or Truss

**IMPORTANT:** When water hits the top plate it flows to both the inside and outside of the exterior wall. When it flows inside, it shows up as moisture in your home. When it flows outside it shows up as ice down the exterior wall, normally through siding or windows.

Icicle

Remember: Icicles may NOT be present when ice dams begin to cause leakage. See Case Study #20.

Soffit

Soffit Vent

Ice

Siding

Window Casing

Drywall

Window Trim

Window Framing

Window Frame

Window

**IMPORTANT:** Any ice seen on this side of the fascia is a very bad sign.

**FOR MORE INFO:** See Case Study #18 for a close-up of how water travels during ice dam related leaks.