

# Maine Bridges - Background Information - 080207

## Bridge Type

What type of Bridge is was the Minneapolis Bridge?

- It is a deck truss

Does MaineDOT have any of these bridges?

- Yes, we have 6,

Town Name	Structure Name	
Medford	Piscataquis River	Old RR bridge converted to one lane bridge
Caribou	Aroostook River	Recently rehabilitated
Augusta	Augusta Memorial Bridge	Recently rehabilitated
Kittery Hampshire	Sarah Mildred Long	IBA owned bridge supported by Maine and New
Arrowsic	Back River	Active project
Falmouth	RR Crossing	field reviewed yesterday for consideration in next work plan

## Maine Bridges General

How many public Bridges does Maine DOT Maine inspect?

Approximately 3,700 every two years

How many bridges is MaineDOT responsible for?

- 2,758, about 2000 over 20 feet in length
- Additionally, MaineDOT shares responsibility for 209 low use or redundant bridges

How does MaineDOT ensure safety of public bridges?

- The standard inspection cycle is every two years. (one page inspection program description attached)
- Individual bridges are inspected as frequently as warranted by specific conditions.
- MaineDOT has a bridges posting committee with the authority to post or close individual bridges.

How many bridges are currently posted or closed in Maine?

- 70
- Constantly being evaluated

What is the condition of bridges in Maine?

- All bridges are safe for their posted use

- However, MaineDOT projects that there are 288 bridges that would need to be closed or posted if not replaced or rehabilitated in the next 10 years.

What does MaineDOT propose to do to maintain its network?

- At present funding levels MaineDOT replaces 14 bridges per year.
- Maine's long range plan calls for stepping up this rate to 32 bridges per year. This would require nearly doubling the state's investment rate in Maine's Bridges. Equates to a \$2 billion need over 20 years.

What does it mean to be structurally deficient (not sufficient)?

- Structurally deficient bridges are not unsafe, they are safe as posted
- Structurally deficient bridges are in a condition that makes them eligible for federal bridge funds.
- Structurally deficient bridges typically need replacement or rehabilitation within 10-years.

How many structurally deficient bridges are there in Maine?

- 239 or 12% of federal eligible bridges
- MaineDOT estimates 288 bridges will require capital investments in next 10 years to avoid posting or closure

### **2008-2009 Capital Work Program**

How much of the FY 2008-2009 Highway and Bridge Program is dedicated to bridges?

- Of the \$623.61 million dedicated to highway and bridges \$133.25 or 21% is dedicated to bridges. This has been on the rise from a programmed level of 17% in FY 2004-2005.

What bridge work is planned for FY 2008-2009?

- 68 bridges will receive replacement, rehabilitation or preservation work
- Engineering will begin another 9