

Increased NBI Inspection Interval

Paragraph 650.305(c) of the NBIS states, "The maximum inspection interval may be increased for certain types or groups of bridges where past inspection reports and favorable experience and analysis justifies the increased interval of inspection. If a State proposes to inspect some bridges at greater than a 2 year interval, the State shall submit a detailed proposal and supporting data to the Federal Highway Administrator for approval." FHWA Technical Advisory T 5140.21 states that submissions to the FHWA requesting longer inspection intervals must contain the following information as a minimum:

- (A) Structure type and description, age, load rating, condition and appraisal rating, volume of traffic carried, ADTT, major maintenance or structural repairs performed within the last 2 years, and an assessment of the frequency and degree of overload that is anticipated on the structure.
- (B) A discussion of failure experience, maintenance history, and latest inspection findings for the group of structures.
- (C) The proposed inspection interval.

AHTD has submitted and obtained from FHWA approval to increase the NBI inspection interval for a group of bridges that meets the following criteria:

- Reinforced concrete box culverts built with contract design plans
- Inventory rating of 15 tons or greater
- ADT less than 50,000 vehicles per day
- Field condition rating factor of 7 or greater (Indicating very minimal maintenance need)

The NBI inspection frequency of 48 months has been established for the bridges and can be maintained as long as the conditions conform to the criteria. Note: No additional bridges can be added to the group without being submitted to and approved by the FHWA. Central Office personnel will coordinate the submittal.

The bridges had two 24 month inspections before being placed on the list and are removed when criteria is no longer met.