Bourne Bridge Painting Project

Cape Cod Canal
Bourne, Massachusetts

US Army Corps of Engineers®
New England District

Cape Cod Canal Field Office
Academy Drive
Buzzards Bay, Massachusetts 02532

July 28, 2005

To Our Neighbors;

The U.S. Army Corps of Engineers is painting the Bourne Bridge and removing lead-based paint. This fact sheet relays important information about the project.

PROJECT START DATE:
March 2004

WORK HOURS:
Seven days per week, 7 A.M. to 5 P.M, weather dependent

ESTIMATED COMPLETION DATE:
Late-Autumn 2005, if no severe weather delays are encountered

RESIDENT ENGINEER:
Mr. Frank Fedele, U.S. Army Corps of Engineers

GENERAL CONTRACTOR:
Eagle Painting and Maintenance Company

COST:
$7,600,000

SCOPE OF WORK:
The Bourne Bridge is undergoing a total repainting by removal of original lead paint through abrasive blasting to properly prepare the bridge surface for application of new coating system. All work is conducted in a fully enclosed containment structure, using negative pressure to keep dust and deleading particles from escaping to the maximum extent practical.

PAINT MATERIALS:
Primer: Moisture-Cure Zinc-Rich Polyurethane
Primer No. 2: Single-component Moisture-Cure Polyurethane Penetrating Sealer Stripe Coat
Intermediate Coat: Single-component Moisture-Cure Aromatic Polyurethane with Micaceous Iron -Oxide
Finish Coat: Single-component Moisture-Cure Aliphatic Polyurethane with Micaceous Iron -Oxide
Color: Silver

ABRASIVE BLAST MATERIAL:
Steel grit

AIR MONITORING:
The Corps is reviewing the air quality monitoring program that started with the painting project more than 15 months ago. Air quality sampling results at and near the painting and lead abatement activities show lead levels in air to be consistently below EPA ambient air quality standards. The Corps is working with the U.S. Environmental Protection Agency, Agency for Toxic Substances and Disease Registration, the MA Department of Public Health, and the MA Department of Environmental Protection to increase its air quality monitoring program for the duration of the project. The Corps is committed to informing residents immediately if future air quality monitoring results indicate a level of health concern.

A small number of surface wipe samples of dust on private property have been taken by the Corps and EPA. These samples show low or non-detectable levels of lead. The Corps will continue to coordinate with agencies and the Bourne Board of Health to monitor and assess the work activities to insure public health and confidence.

PAINT CHIPS:

Painting the bridge requires lead abatement (clean-up) that includes removing lead-based paint from the bridge. Due to the deteriorated condition of the older lead-based paint on the bridge, paint chips have fallen off the bridge in the past and continue to fall off the bridge in areas that have yet to be blasted. These paint chips are known to contain lead. The paint chips that are falling off the bridge are not due to the blasting operation and are not being released from within the containment system.

- If you observe a paint chip(s) on your property, please call our office at (508) 759-8260 or (978) 318-8198, between 9 AM to 3 PM with your contact information.

A Corps representative will make arrangements to pick-up the chip(s), and will arrive with a GPS hand-held unit to document the location. For identification purposes, chips are typically silver/gray on one side and orange or red on the other.

Concerning paint chips: We are committed to the health and safety of our neighbors and offer the following as a conservative precaution:

- We do not recommend handling paint chips because of the potential for contact with the lead paint and resulting residue. Discourage children from placing their fingers in their mouths if they have found or played with paint chips. If chips are handled, hands should be washed with soap and water.
- If you have found paint chip in the past, we would appreciate receiving that information.
- Information regarding lead based paint chips and lead exposure can be found at the U.S. EPA website: http://www.epa.gov/lead/index.html or at the Massachusetts Department of Health: http://www.mass.gov/dph/clppp/clppp.htm.