

Section 02221S

REMOVING EXISTING PAVEMENTS, STRUCTURES, WOOD, AND DEMOLITION DEBRIS

The following supplements modify Specification Section 02221 – Removing Existing Pavements, Structures, Wood, and Demolition Debris. Where a portion of the Specification or Detail is modified or deleted by this Supplementary Specification, the unaltered portions of the Specification shall remain in effect.

1.03 REGULATORY REQUIREMENTS: Add the following Paragraph C:

- C. For removal of asbestos containing materials, or material that could potentially contain asbestos, comply with applicable provisions of OSHA 29 CFR 1926.1101 – Asbestos, OSHA 29 CFR 1926.32 – General Safety and Health Provisions, and EPA 40 CFR 61 Subpart M – National Emission Standard for Asbestos.

3.01 PREPARATION: Add the following Paragraph C:

- C. For removal of asbestos containing materials, or materials that could potentially contain asbestos, comply with the following:
 - 1. Crew members must be trained in accordance with OSHA 29 CFR 1926.1101 – Asbestos.
 - 2. Conduct negative exposure assessment to demonstrate asbestos exposure below permissible exposure limit (PEL) in accordance with OSHA 29 CFR 1926.1101 – Asbestos and EPA 40 CFR 763 – Asbestos.
 - 3. If negative exposure assessment not conducted, or if results are above PEL, provide respiratory protection in accordance with Paragraph 3.02 of this Section.

3.02 PROTECTION: Add the following Paragraph B:

- B. When required, provide respiratory protection in accordance with OSHA 29 CFR 1910.134 – Respiratory Protection, and National Institute of Occupational Safety and Health (NIOSH).

3.03 REMOVALS: Add the following Paragraph G:

- G. Labeling of Asbestos Cement (AC) Pipe:
 - 1. Label leak-tight container with warning statement of hazardous asbestos content in accordance with OSHA 29 CFR 1926.1101 and as noted below.
 - 2. Label waste material with following warning:

DANGER
CONTAINS ASBESTOS FIBERS
MAY CAUSE CANCER
CAUSES DAMAGE TO LUNGS
DO NOT BREATHE DUST
AVOID CREATING DUST

3. Neatly print labels in letters of sufficient size and contrast so label is easily visible and legible.

3.05 DISPOSAL: Add the following Paragraph C:

C. For asbestos-containing materials:

1. Comply with 40 CFR Part 61 and 30 TAC Sections 330.137(b) for Industrial Class 1 waste.
2. Inspect load to ensure correct packaging and labeling.
3. Line vehicles with two layers of 6-mil polyethylene sheeting.
4. Remove asbestos-containing waste from site daily.

END OF SUPPLEMENT

Approved by:



Mark L. Loethen, P.E., CFM, PTOE
City Engineer
Department of Public Works & Engineering

11/17/2012

Date