Nebraska Department of Roads

Planning and Project Development

Hazardous Materials Memorandum

Date: May 20, 2016

To: Ryan Walkowiak, Highway Environmental/NEPA Specialist, Planning and Project Development

From: Will Packard, Highway Environmental Specialist, Planning and Project Development

Subject: Hazardous Materials Review Memo for the NDOR Project Gering to South Bayard (C.N. 51543).

Overview

A hazardous materials review (HMR) was completed by CH2MHILL for the Gering to South Bayard project and approved by NDOR on May 20, 2016. A HMR was required for this project because the scope of work exceeds the project exemptions. The purpose of the HMR is to identify environmental concerns associated with hazardous materials and petroleum products which could potentially be encountered during the construction project. This memo summarizes the conclusions and applicable mitigation measures found in the HMR and assists the Environmental Documents manager in completing the Hazardous Materials section of the CE Determination Form for Federal-Aid Projects. The HMR can be found in the NDOR project file.

The project description updated on March 18, 2015 was used in preparation of the HMR and this PQS memo.

Hazardous Material Site Discussion

The HMR identified two facilities where past releases have occurred within the hazardous materials study area. Both sites have past releases associated with leaking underground storage tanks. Based on the scope of work near these sites consisting of milling and resurfacing the roadway (no soil disturbance beyond the pre-existing roadway fill material), there is a low potential of encountering contamination originating from these facilities during construction.

One non-NPL Superfund site was identified adjacent to the project. The Agromac International Inc. facility (former Lockwood Corporation) is located adjacent to the beginning of the project in Gering, NE at Mile Marker 26.58. When Lockwood shut down operations in 1999, approximately 200 drums of hazardous materials were left onsite. The EPA completed removal activities at this location and archived the site as no further action was required. No releases of hazardous materials to the soil or groundwater contamination were documented. Based on the minimal scope of work near the site and the EPA completing removal activities, there is a low potential of encountering contamination originating from this site during construction.

Asbestos and Lead

The scope of bridge work does not require an asbestos survey or lead commitments. No asbestos or lead mitigation is required.

Unexpected Waste Commitment

If contaminated soils and/or water or hazardous materials are encountered, then all work within the immediate area of the discovered hazardous material shall stop until NDOR/FHWA is notified and a plan to dispose of the Hazardous Materials has been developed. Then NDEQ shall be consulted and a remediation plan shall be developed for this project. The potential exists to have contaminants present resulting from minor spillage during fueling and service associated with construction equipment. Should contamination be found on the project during construction, the NDEQ shall be contacted for consultation and appropriate actions to be taken. The Contractor is required by NDOR's Standard Specification section 107 (legal relations and responsibilities to the public) to handle and dispose of contaminated material in accordance with applicable laws (NDOR District, Contractor).

Sincerely,

Will Packard 5/20/16

Name Date

Will Packard, Highway Environmental Specialist
Planning and Project Development
NDOR