Nebraska Department of Roads

Planning and Project Development

Hazardous Materials Memorandum

Date: March 24, 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 Snyder West (C.N. 22219).

Overview

A hazardous materials review (HMR) was completed by Olsson Associates for the Snyder West project and approved by NDOR on Marrch 24, 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.

Hazardous Material Site Discussion

The HMR identified several facilities where past releases have occurred within the hazardous materials study area. Two releases were identified at the east end of the project within the town of Snyder. B & L Tire (northwest corner of Junction N-91 and N-79) and Danko Emergency Equipment Company (304 N Rangeline St.) both had releases associated with leaking underground storage tanks. The Danko facility was investigation and based on minimal contamination present, NDEQ closed this site with no further remedial action necessary. The facility is about 400 feet east of the project limits. Based on distance to construction and minimal contamination present, there is a low potential of encountering contamination originating from this facility during construction.

The B & L Auto facility is location about 200 feet from the project limits. There were several releases at this facility relating to the removal of UST systems on the east side of the property. Groundwater contamination is present but at depths of 40 feet or greater. No shallow soil contamination was present based on NDEQ files. There is a possibility that pavement transition will occur 200 feet from the project limits, but little to no soil disturbance would be required for this work. Based on the shallow depths of excavation in relation to contamination and distance to the releases, there is a low potential of encountering contamination originating from this facility during construction.

The former Dodge landfill was identified about .25 miles from the project limits. Groundwater will not be encountered during construction therefore any potential migration of contamination from the landfill would not impact the project. There is a low potential of encountering contamination originating from this facility during construction.

In addition, no Superfund sites were identified within the hazardous material study area.

Asbestos

Bridge structures S091 18294 and S091 18573 are being replace and were inspected for asbestos containing material (ACM). The results of the survey are negative for ACM in both bridges therefore no contractor commitments are required. NDOR will submit the National Emission Standards for Hazardous Air Pollutants (NESHAP) form to NDEQ prior to demolition.

Lead

There is potential for lead based paint to be found on the bridges painted components. If the method of removal of the components generates paint debris, the waste shall be handled in accordance with NDOR's Standard Specification for Highway Construction Section 732 (Lead-based Paint Removal) and Title 128, Nebraska Hazardous Waste Regulations. Extreme caution shall be taken to minimize the amount of potential lead based painted material or debris from causing or threatening to cause pollution of the air, land and waters of the State. The Contractor shall recycle any lead plates or shims at a legitimate recycling facility as found in paragraph 3 (environmental requirements) in Section 203.01 of the Standard Specification for Highway Construction and in accordance with Title 128, Nebraska Hazardous Waste Regulations. The Contractors implementation plan efforts shall be documented in the ECOD.

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 3/24/16

Name Date

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