



**Montana Department of Transportation**  
**INITIAL SITE ASSESSMENT**  
**FOR HAZARDOUS MATERIALS/SUBSTANCES,**  
**TRAFFIC NOISE, & AIR QUALITY**

2701 Prospect Avenue  
 PO Box 201001  
 Helena, MT 59620-1001  
 Phone: (406) 444-7237  
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 TTY: (406) 444-7696  
[www.mdt.mt.gov](http://www.mdt.mt.gov)

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**Project Information Section A**

**Project Name**

I-90 Structures - W of Alberton

**Start Date**

Ready date is scheduled for June 2025

**Project Number**

NHPB 90-1(239)65

**UPN (CN)**

9786000

**County**

Mineral

**Description of Project: (i.e. reconstruct, rural/urban, bridge replacement/rehab)**

The proposed project will remove and replace existing structures on westbound I-90 at Old Highway 10 (RP 65.5), Clark Fork River (RP 66.3), and Cyr (RP 70.1). The project is located in rural mountainous terrain along the Clark Fork River valley floor. The new structures will meet current bridge design standards with the objective of providing bridges that are functional, low-maintenance and appropriate for each of the three sites.

- |  |   |   |
|--|---|---|
| <b>1. NEW R/W?</b>   | <input checked="" type="radio"/> Yes <input type="radio"/> No | Acquisition of less than 1 acre of abandoned railroad R/W land 50' on both sides of Elizabeth Lane may be required (RP 65.5). No additional R/W at RPs 66.3 and 70.1 is anticipated.                        |
| Horizontal alignment shift?  | <input type="radio"/> Yes <input checked="" type="radio"/> No |   |
| Vertical alignment shift?  | <input type="radio"/> Yes <input checked="" type="radio"/> No |   |
| <b>2. UTILITY OR RR INVOLVEMENT?</b>   | <input type="radio"/> Yes <input checked="" type="radio"/> No |   |
| Storm drain?   | <input type="radio"/> Yes <input checked="" type="radio"/> No |   |
| Water line replacement?  | <input type="radio"/> Yes <input checked="" type="radio"/> No |   |
| Sanitary sewer replacement?  | <input type="radio"/> Yes <input checked="" type="radio"/> No |   |
| <b>3. Is this a bridge demolition project (requires an asbestos inspection)?</b> | <input checked="" type="radio"/> Yes <input type="radio"/> No | All three bridges were inspected and tested for asbestos 3/16/21. Laboratory results revealed that none of the sampled materials contained asbestos. (See supporting documentation, Letter Report, 9/21/21) |

**Document & Field Reviews - Section B (Activity 702)**

- 1. Special Areas of Concern - the following areas may require additional consideration (not a complete list). Please check if they apply.**
- |   |                          |
|---|--------------------------|
| Bozeman and North Gallatin County - asbestos  | <input type="checkbox"/> |
| Libby - Troy and Lincoln County - asbestos (special provision required)   | <input type="checkbox"/> |
| Carter County - erionite (special provision required)   | <input type="checkbox"/> |
| Anaconda - Deer Lodge - Street Opening Permit or Administrative Development Permit required. Check with Anaconda- Deer Lodge County website | <input type="checkbox"/> |
| Butte- Silver Bow County Federal Superfund  | <input type="checkbox"/> |
| Butte-Silver Bow Excavation Permit  | <input type="checkbox"/> |
| Lewis & Clark County East Helena Superfund Area   | <input type="checkbox"/> |
- 2. Records Review (DEQ, NRIS, etc.):** A list of agency records reviewed for haz mat's and water quality are listed in supporting documentation (EDR reports, Federal records, MTDEQ records, GWIC) .
- 3. Field Review:** A Preliminary Field Review Report was developed 5/21/20. A field site visit was conducted by Hyalite Environmental 4/5/21. No issues were identified that were not identified in the records review. Northern Industrial conducted a site visit for asbestos and lead 3/16/21 and lead on 9/8/21. See supporting documentation for asbestos and lead report, 9/21/21.
- 4. Personal Communications:** Communications with agency personnel or persons of interest are included in the supporting documentation.



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***Air Quality - Section C (Activity 742)***

1. Is this project subject to conformity?

[Link to Conformity flow chart](#)

Yes

No The project is located in an area that is in attainment of the National Ambient Air Quality Standards (NAAQS) for all regulated criteria pollutants. Therefore, this project is not subject to conformity.

**NOTE: No additional analysis or discussion is required.**



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**Mobile Source Air Toxics - Section D (MSAT)**  
 (refer to MDT Environmental procedures manual chapter on air quality for more information)

[Link to MSAT flow chart](#)

**1. Is this project exempt from the MSAT analysis? Please choose the best**

- Yes** - The project qualifies as a categorical exclusion under 23 CFR 771.117(c). Therefore, the project is exempt from MSATs analysis per FHWA's "Interim Guidance Update on Air Toxic Analysis in NEPA's documents".
- Yes** - This project is exempt from MSATs analysis per FHWA's "Interim Guidance Update on Air Toxic Analysis in NEPA's documents".
- Yes** - The purpose of this project is to:

(insert major deficiency that the project is intended to address)

This project has been determined to generate minimal air quality impacts for CAAA criteria pollutants and has not been linked with any special MSAT concerns. As such, the project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause an increase in MSAT impacts of the project from that of the no-build alternative per FHWA's "Interim Guidance Update on Air Toxic Analysis in NEPA Documents". Moreover, EPA regulations for vehicle engines and fuels will cause overall MSAT emissions to decline significantly over the next several decades. Based on regulations now in effect, an analysis of national trends with EPA's MOVES model forecasts a combined reduction of over 80% in the total annual emission rate for the priority MSAT from 2010 to 2050 while vehicle miles of travel are projected to increase by over 100%. This will both reduce background level of MSAT as well as the possibility of even minor MSAT emissions from this project.

- No** - This project has low potential for MSAT effects:

Insert MDT MSAT statement for projects with "Low Potential MSAT Effects"

- No** - This project has high potential for MSAT effects:

Indicate reason and steps needed to complete MSAT analysis

**Traffic Noise - Section E (Activity 704)**

**Is this project a Type I project as defined in 23 CFR 772?**       Yes  No

The project does not involve added capacity, construction of new through lanes or auxiliary lanes, changes in the horizontal or vertical alignment of the roadway, or exposure of noise sensitive land uses to a new or existing highway noise source.

It is anticipated that MDT's Noise Impact standard special provision will be required: 1. NOISE IMPACT [107] (REVISED 5-24-12) To minimize construction noise impacts on the local residents, no construction activities will be allowed between the hours of 10 p.m. and 6 a.m. without express written approval from the Project Manager.

If "no" is selected, project is not a Type I but will meet the criteria for a Type III project as established in 23 CFR 772. Therefore, the project requires no analysis for highway traffic noise impacts. Type III projects do not involve added capacity, construction of new through lanes or auxiliary lanes, changes in the horizontal or vertical alignment of the roadway, or exposure of noise sensitive land uses to a new or existing highway noise source. MDT acknowledges that a noise analysis is required if changes to the proposed project result in reclassification to a Type I Project. See MDT Noise Policy (2011) and FHWA *Highway Traffic Noise Analysis & Abatement Guidance*, Jan. 2011.



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**Conclusions**

<p><b>Are there any potential issues concerning hazardous substances, groundwater quality, solid waste, air quality, or traffic noise on or adjacent to this proposed project?</b></p>	<p><input checked="" type="radio"/> <b>Yes</b>  <input type="radio"/> <b>No</b></p>	<p>See attached documentation for summary of findings of potential hazardous sites / spills. Supporting documentation provides records to supplement and support the findings. Lead-containing paint was identified on the steel support structure of bridge 65.49. Lead-based paint was identified on the steel support structure of bridge 70.09. See Letter Report dated 9/21/21 in supporting documentation.</p>
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**Please indicate which activities will require completion below- activities in brackets correspond to Consultant Design Flowchart:**

<p><b>Detailed Noise Analysis (705{179/109})</b></p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>	
<p><b>Further Air Quality Analysis (742 {180})</b></p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>	
<p><b>PSI- Hazardous Materials/Substances (746)</b></p>	<p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>	
<p><b>Special Provisions are anticipated (716)</b></p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p>Lead-containing paint was identified on the steel support structure of bridge 65.49. Lead-based paint was identified on the steel support structure of bridge 70.09. Northern recommends following all OSHA regulations and protocols while removing, disassembling and disposing of the bridge's painted steel components. See Letter Report dated 9/21/21 and Special Provisions for 3 Bridges west of Alberton project in Supporting Documentation.</p>

**If there are no potential issues, let this serve as a statement of "No Impact" for the environmental document (activities 702, 704, and 742 are now completed).**

**Name of Reviewer:** Chris Thelen, P.E. Hyalite Environmental, LLP

**Title:** Sr. Environmental Engineer

**Signature:**  \_\_\_\_\_

**Finish Date:** Sep 29, 2021 \_\_\_\_\_

**Copy:** \_\_\_\_\_  
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