

## APPENDIX E. SUPPLEMENTAL ENVIRONMENTAL INFORMATION

**Table 1. Previously Identified Historic Properties (Listed from West to East)**

Site #	Name	Address	Description	Status
<b>I-90 Exit 61-67</b>				
39PN2003	RCPE Railroad	Parallel to I-90	Located immediately adjacent to I-90 between exit 61-63, and about 1,400 feet south of I-90 east of Exit 63, the historic Chicago and North Western Railway (CNW) dates to 1879. The railway became the Chicago and North Western Transportation Company.	Eligible
39PN2696	Native American Artifact Scatter			Unevaluated
39PN3579	Euro-American Isolated Find			Recommended Not Eligible; No SHPO Determination
39PN3254	Early/mid Archaic Isolated Find			Recommended Not Eligible; No SHPO Determination

**Table 2. Potential Historic Properties (Listed from West to East)**

Site #	Name	Address	Description	Status
<b>I-90 Exit 61-67</b>				
39PN2815	Euro-American Burial			Unevaluated
N/A	Historic Road	South of, and roughly parallel to, I-90.	Historic road, documented in 1879 survey, BLM General Land Office.	
N/A	Auto repair garage	4700 S. Interstate 90 Service Road, Box Elder, SD	One story wooden clapboard office or residence with attached 5 bay, two story masonry garage, constructed between 1930-1942.	Age-Eligible/ Unevaluated
N/A	Farm	2001 146 <sup>th</sup> Ave., Rapid City, SD	Historic farm, with large red wooden barn and two smaller barns. Animal enclosure fence still present.	Age-Eligible/ Unevaluated

**Table 2. Potential Historic Properties (Listed from West to East)**

Site #	Name	Address	Description	Status
N/A	House	22635 GISI Rd, Rapid City, SD	House constructed in 1889.	Age-Eligible/ Unevaluated
N/A	House	308 C and F Ave, Box Elder, SD	Two story gabled ell house, constructed in 1905.	Age-Eligible/ Unevaluated
N/A	House	784 D and R Ave, Box Elder, SD	Hipped roof box house, constructed in 1970.	Age-Eligible/ Unevaluated
N/A	House	787 D and R Ave, Box Elder SD	Ranch style house, constructed in 1969.	Age-Eligible/ Unevaluated
N/A	House	757 D and R Ave, Box Elder, SD	Ranch style house constructed in 1950.	Age-Eligible/ Unevaluated
N/A	House	175 West Gate Rd, Box Elder, SD	Hipped roof ranch style house, constructed in 1965.	Age-Eligible/ Unevaluated
N/A	House	150 West Gate Rd, Box Elder, SD	One story brick ranch style house, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	148 West Gate Rd, Box Elder, SD	One story brick ranch, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	146 West Gate Rd, Box Elder, SD	One story brick ranch, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	144 West Gate Rd, Box Elder, SD	One story brick ranch, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	142 West Gate Rd, Box Elder, SD	One story brick ranch, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	140 West Gate Rd, Box Elder, SD	One story brick ranch style house, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	718 Box Elder Rd. W, Box Elder, SD	One story brick ranch house, constructed in 1940.	Age-Eligible/ Unevaluated
N/A	House	636 Box Elder Rd. W, Box Elder, SD	Ranch style house constructed in 1956.	Age-Eligible/ Unevaluated
N/A	House	632 Box Elder Rd. W, Box Elder, SD	Ranch style house constructed in 1958	Age-Eligible/ Unevaluated
N/A	House	624 Box Elder Rd. W, Box Elder, SD	Ranch style house constructed in 1942.	Age-Eligible/ Unevaluated
N/A	House	502 Cardinal Ct., Box Elder, SD	Two story, foursquare style house constructed in 1914.	Age-Eligible/ Unevaluated

**Table 2. Potential Historic Properties (Listed from West to East)**

Site #	Name	Address	Description	Status
N/A	House	101 Shady Dr., Box Elder, SD	One story bungalow style house, constructed in 1920.	Age-Eligible/ Unevaluated
N/A	House	105 Rosehill Dr., Box Elder, SD	Two story split level style house, constructed in 1942.	Age-Eligible/ Unevaluated
N/A	House	403 Highway 1416, Box Elder, SD	One story bungalow style house constructed in 1908.	Age-Eligible/ Unevaluated
N/A	House	101 Hillside Dr., Box Elder, SD	Split level style house, constructed in 1942.	Age-Eligible/ Unevaluated
N/A	House	201 Country Rd, Box Elder, SD	Ranch style house, constructed in 1965.	Age-Eligible/ Unevaluated
N/A	House	235 Country Rd, Box Elder, SD	Ranch style house, constructed in 1946.	Age-Eligible/ Unevaluated
N/A	House	100 Gumbo Dr., Box Elder, SD	Ranch style house, constructed in 1954.	Age-Eligible/ Unevaluated
N/A	House	101 Gumbo Dr., Box Elder, SD	Ranch style house, constructed in 1964.	Age-Eligible/ Unevaluated
N/A	House	106 Gumbo Dr., Box Elder, SD	Ranch style house, constructed in 1952.	Age-Eligible/ Unevaluated
N/A	House	204 Gumbo Dr., Box Elder, SD	Ranch style house, constructed in 1964.	Age-Eligible/ Unevaluated
N/A	House	114 Box Elder Rd. W, Box Elder, SD	One story ranch house style, constructed in 1953	Age-Eligible/ Unevaluated
N/A	House	110 South Gate Rd., Box Elder SD	One story ranch house style, constructed in 1950.	Age-Eligible/ Unevaluated
N/A	House	116 South Gate Rd., Box Elder SD	Ranch house style, constructed in 1952.	Age-Eligible/ Unevaluated
N/A	House	118 South Gate Rd., Box Elder, SD	Ranch house style, constructed in 1966.	Age-Eligible/ Unevaluated
N/A	House	122 South Gate Rd., Box Elder, SD	Ranch house style, constructed in 1957.	Age-Eligible/ Unevaluated
N/A	House	126 South Gate Rd., Box Elder, SD	Ranch house style, constructed in 1942.	Age-Eligible/ Unevaluated
N/A	House	103 Morningside Dr., Box Elder, SD	Ranch house style, constructed in 1925.	Age-Eligible/ Unevaluated
N/A	House	109 Morningside Dr., box Elder, SD	Ranch house style, constructed in 1952.	Age-Eligible/ Unevaluated
N/A	House	127 Morningside Dr., Box Elder, SD	Ranch house style, constructed in 1960.	Age-Eligible/ Unevaluated

**Table 2. Potential Historic Properties (Listed from West to East)**

Site #	Name	Address	Description	Status
N/A	House	119 Morningside Dr., Box Elder, SD	Ranch house style, constructed in 1952.	Age-Eligible/ Unevaluated
N/A	House	121 Morningside Dr., Box Elder, SD	Minimal traditional style, constructed in 1942.	Age-Eligible/ Unevaluated
N/A	House	131 Morningside Dr., Box Elder SD	Ranch house style, constructed in 1961.	Age-Eligible/ Unevaluated
N/A	Retail Store	114 Box Elder Road W., Box Elder SD	Wood and steel framed exterior commercial building with partially stucco, constructed in 1918.	Age-Eligible/ Unevaluated
N/A	Auto repair garage	116 Box Elder Road W., Box Elder SD	Metal Quonset Hut constructed in 1956 or earlier.	Age-Eligible/ Unevaluated
N/A	Retail store	139 S. Ellsworth Rd., Box Elder, SD	Wood or steel frame commercial building, constructed in 1965.	Age-Eligible/ Unevaluated
N/A	Retail shopping center	230 Frontage Rd Box Elder SD	Masonry exterior retail shopping center, constructed in 1960.	Age-Eligible/ Unevaluated
N/A	Church	200 N. Ellsworth Rd, Box Elder SD	Wood frame church, constructed in 1960.	Age-Eligible/ Unevaluated
N/A	House	329 Line Rd, Box Elder, SD	One story bungalow style house, constructed in 1935.	Age-Eligible/ Unevaluated
N/A	House	416 Line Rd, Box Elder, SD	Two story gabled ell house, constructed in 1904.	Age-Eligible/ Unevaluated
N/A	House	412 Line Rd, Box Elder SD	Two story shingle style frame house constructed in 1898.	Age-Eligible/ Unevaluated
N/A	House	514 Line Rd, Box Elder, SD	One story, side gable house, constructed in 1940.	Age-Eligible/ Unevaluated
N/A	Farm	536 Highway 1416, Box Elder, SD	Farm complex with barn, pasture, and several out buildings. One story minimal traditional house, constructed in 1928.	Age-Eligible/ Unevaluated
N/A	House	350 Cottonwood Dr., Box Elder, SD	One story bungalow style house, constructed in 1935.	Age-Eligible/ Unevaluated
N/A	House	327 Cottonwood Dr. Box Elder, SD	One story ranch style house, constructed in 1965.	Age-Eligible/ Unevaluated

**Table 2. Potential Historic Properties (Listed from West to East)**

Site #	Name	Address	Description	Status
N/A	House	327 Sunnydale Rd., Box Elder, SD	One story ranch style house, constructed in 1964.	Age-Eligible/ Unevaluated
N/A	House	317 Circle Dr., Box Elder, SD	Ranch style house, constructed in 1960.	Age-Eligible/ Unevaluated
N/A	House	321 Circle Dr., Box Elder, SD	Split level style house, constructed in 1962.	Age-Eligible/ Unevaluated
N/A	House	333 Circle Dr., Box Elder, SD	One story ranch style house, constructed in 1960.	Age-Eligible/ Unevaluated
N/A	House	306 Spruce Dr., Box Elder SD	One story ranch style house, constructed in 1950.	Age-Eligible/ Unevaluated
N/A	House	605 Sunnydale Rd., Box Elder, SD	One story house constructed in 1923.	Age-Eligible/ Unevaluated
N/A	House	743 Sunnydale Rd, Box Elder, SD	Two story I-House style house, constructed in 1947.	Age-Eligible/ Unevaluated
N/A	House	710 Harmony Dr., Box Elder, SD	One and a half story ranch style house constructed in 1963.	Age-Eligible/ Unevaluated
N/A	House	711 Harmony Dr., Box Elder, SD	One story minimal traditional house constructed in 1949.	Age-Eligible/ Unevaluated
N/A	Shed	731 Harmony Dr., Box Elder, SD	One story corrugated metal shed, date unknown.	Unevaluated
N/A	House	719 Line Rd., Box Elder, SD	One and a half story minimal traditional house, constructed in 1948.	Age-Eligible/ Unevaluated
N/A	House	733 Line Rd., Box Elder, SD	One story minimal traditional house, constructed in 1957.	Age-Eligible/ Unevaluated
N/A	House	300 Willow Dr., Box Elder, SD	One and a half story Cape Cod style house, constructed in 1939.	Age-Eligible/ Unevaluated
39PN2043	Government Railroad	Perpendicular to DM&E Railroad, crosses I-90 400 ft. east of Commercial Gate Dr.	Historic rail line branching north from DM&E just west of Town of Box Elder.	Unevaluated

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
Patrons Cooperative Association 3504 Edward Street Rapid City, SD 57703  &  4507 S Interstate 90 Service Road Rapid City, SD 57701	Southwest of Exit 61   Southeast of Exit 61	Oil storage and handling site, potential for petroleum spills. Several aboveground storage tanks (AST) observed on property. No violations reported.  A second location was observed behind a tattoo shop and RV dealer on I-90 Service Road. Oil storage and handling site, potential for petroleum spills. One aboveground storage tank was observed. No violations reported and the property was not reported by the EPA.
Northern Truck Equipment Corp 3505 Edward Street Rapid City, SD 57703	Southwest of Exit 61	Truck equipment and trailer dealer. EPA reported as a SQG under RCRA. It appears that truck maintenance is conducted on site, thus there is a potential for contamination due to hazardous waste handling/generation. No violations reported.
Magellan Pipeline Company, LP 3225 Eglin Street Rapid City, SD 57703	Southwest of Exit 61	Oil storage and handling site, potential for petroleum spills. No violations reported.
Wyoming Refining Company 2945 Eglin Street Rapid City, SD 57703	Southwest of Exit 61	Oil storage and handling site, potential for petroleum spills. No violations reported.
M G Oil Co 3250 Eglin St Rapid City, SD 57703	Southwest of Exit 61	Oil storage and handling site, potential for petroleum spills. Stacks of plastic oil tote tanks were observed on the property containing what appears to be a petroleum product. The site is not listed in the EPA databases
Ace Steel & Recycling 2830 Eglin St Rapid City, SD 57703	Southwest of Exit 61	Scrap yard and recycling site. Listed by EPA under RCRA and AIRS. 55-gallon drums were observed on the property. No violations reported. Historic material management, handling, and disposal practices at this property are unknown; therefore, it is an environmental concern.
Logan's Transmission Inc 3153 Beale Street Rapid City, SD 57703	Southwest of Exit 61	Vehicle maintenance shop. Has potential to create and improperly dispose of petroleum products and other hazardous materials. Not listed in the EPA databases.
LaGrand Station 3851 Eglin Street Rapid City, SD 57703	South of Exit 61	Gas Station. Recently built so leaking tanks are not expected. Not listed in the EPA databases.

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
Don's Valley Express 4030 Cheyenne Boulevard Rapid City, SD 57703	South of Exit 61	Gas Station. Recently built so leaking tanks are not expected. Not listed in the EPA databases.
Unknown (Possibly Black Hills Truck & Trailer from EPA data) 4301-4309 Interstate 90 Service Rd Rapid City, SD 57703	East of Exit 61	Unknown warehouse demolished between 2013 and 2015, Appears to be a newly built structure and large parking lot. Site previously reported under RCRA so there is a potential for hazardous materials. Site in compliance with RCRA regulations up through 2016.
I-90 RV and Auto Super Center 4505 S Interstate 90 Service Road Rapid City, SD 57703	East of Exit 61	Large RV and auto dealer. Business likely includes some maintenance and repair activity which could generate hazardous material waste. Not listed in the EPA databases.
Smoking Gun Indoor Range & Training Center 4711 S Interstate 90 Service Road Rapid City, SD 57701	East of Exit 61	Newly constructed indoor shooting range. Shooting ranges produce large quantities of lead debris from ammunition; many ranges do not properly manage this hazardous material. There is a potential for elevated lead pollution inside and adjoining this property.
Flying J Franchise 4200 N I-90 Service Rd Exit 61 Rapid City, SD 57701	North of Exit 61	Large gas station, restaurant, travel center, and trucker stop. Structure dates back to before 1997. Site has potential for leaking tanks and potential for accumulation of truck waste fluids from idling and parked vehicles. The property also contained a large AST containing propane. A monitoring observation well was observed on the property, indicating a possibility of contamination on the site. Not listed in the EPA databases despite presence of monitoring well. Site will require additional investigation if construction activities occur on the property.
Ditch Witch 2108 Elk Vale Road Rapid City, SD 57701	North of Exit 61	A construction equipment supplier that sells and services large scale equipment, specifically trenchers and plows. It appears they do on-site service which means there is potential handling of hazardous waste. Not listed in EPA databases.

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
Excel Truck & Trailer Repair 2108 Elk Vale Road #8 Rapid City, SD 57701	North of Exit 61	Listed as a full service heavy duty truck and trailer repair facility. The facility likely handles and generates petroleum and hazardous wastes. Not listed in EPA databases.
Ultramax Ammunition 2112 Elk Vale Road Rapid City, SD 57701	North of Exit 61	Site listed in EPA databases under Toxic Release Inventory System for lead, which was disposed of off-site. Also listed under RCRA and ICIS which is noted as having a Formal Enforcement Action in 2002, although no further information about the action is available. The manufacturing of ammunition uses heavy metals, such as lead, which pose a potential environmental risk on the property.
Border States Electric 3100 E Mall Drive Rapid City, SD 57701	Northwest of Exit 61	Electrical supply store with a large amount of outdoor storage and a warehouse. Business offers a wide array of services and products. There is a potential for their electrical and mechanical supplies to contain hazardous materials, particularly heavy metals. Not listed in EPA databases.
Black Hills Truck & Trailer 2910 E Mall Drive Rapid City, SD 57701	Northwest of Exit 61	Truck and trailer dealer. Listed in EPA databases under RCRA as a CESQG. It appears that they do conduct vehicle maintenance on site thus there is a potential for hazardous material release on the property. Two plastic oil tote tanks and an AST (extremely rusty and appears to be no longer used) were observed during the field investigation. The site is located over 1000 feet from I-90, therefore potential contamination would not be expected to impact an I-90 construction project.
Great Western Tire Inc 1645 Dyess Avenue Rapid City, SD 57701	Northwest of Exit 61	A used tire shop with two large buildings. Listed under ICIS for “tires and tubes” and “tire retreading and repair shops”. Unknown exact activities conducted on site therefore the site is a potential environmental concern.



**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
M G Oil Co 4300 N I 90 Service Road Rapid City, SD 57701	Northeast of Exit 61	An auto repair shop very close to I-90. Potential for solvents and other hazardous waste contamination. Field inspection revealed several plastic oil tote tanks and a mobile AST. Additionally, at least fifty 55-gallon metal drums were observed on the property; the drums appear empty but that could not be confirmed from outside of the property. Not listed in EPA databases.
Allstate Peterbilt of Rapid City 4650 S Interstate 90 Service Road Box Elder, SD 57719	Northeast of Exit 61	Truck Dealer with a large amount of outdoor storage. Suspected vehicle maintenance occurring on site therefore the site has potential for hazardous materials. Not listed in EPA databases.
K&M Tire 4700 S Interstate Service Road Rapid City, SD 57701	Northeast of Exit 61	The facility is a regional tire distributor. The site is conducting business in a warehouse with several large garage doors. The assumed use for the property is as a storage warehouse and transportation hub for the tire wholesale business. Hazardous materials concerns would not be expected. Not listed in EPA databases.
4-U Stores Gas Station 640 Box Elder Road Box Elder, SD 57719	Northeast of Exit 63	Gas station in an industrial and residential area between I-90 and Highway 1416. Not listed in EPA databases. Potential for unreported LUSTs on site. The northeast corner of the property contains debris including 55-gallon drums, bottles and buckets of discarded chemicals, old paint cans, vehicles that appear abandoned, and a variety of other wastes. This property is less than 500 feet from I-90, therefore the property should be further investigated if construction activities are proposed on or adjoining this property.
Federal Property Agency 616 Box Elder Road West Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Property with a mix of personal vehicles, large scale machinery, and various parts. Unknown exact site operations but has potential for vehicle maintenance on site therefore should be considered a potential environmental concern. Not listed in EPA databases.

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
Vermeer Equipment-Black Hills 550 W Box Elder Road Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Retailer of large scale agricultural equipment and vehicles. Likely do some on-site maintenance therefore the property is a potential environmental concern. The site also contains what appears to be a cell tower with electrical infrastructure at the base. Not listed in EPA databases.
Eddie's Truck Body Shop 500 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Auto shop. Has potential for generation, handling, and disposal of petroleum and other hazardous materials. Site is a potential environmental concern. Not listed in EPA databases.
West River Electric Association 498 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	This parcel owned by the utility West River Electric Association contains a transformer station in the southwest corner of the property. Additionally, the property contains a fenced storage area for various utility materials, most prominently there are several stacks of utility poles. Due to the presence of electrical transformers that may contain PCBs and utility poles which are composed of heavily treated wood, the site should be considered a potential environmental concern. Not listed in EPA databases.
Jerry's Sales 428 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Car dealer – sign states 'Service & Recyclables'. Due to on-site service of vehicles, there is a potential environmental condition on the property. Not listed in EPA databases.
S & S Autobody 328 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Auto shop. Has potential for generation, handling, and disposal of petroleum and other hazardous materials. Site is a potential environmental concern. Not listed in EPA databases.
Paul's Repair 312 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Auto shop. Has potential for generation, handling, and disposal of petroleum and other hazardous materials. Site is a potential environmental concern. Not listed in EPA databases.

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
B & M Machine 126 Gumbo Drive Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Listed as an Auto Machine Shop on google. Would have the potential for hazardous materials with vehicle maintenance and repairs, although it appears as if operation has ceased. Site is a potential environmental concern. Not listed in EPA databases.
The Cheap Seats 122 Box Elder Road W Box Elder, 57719	South of I-90 Between Exit 63 and Exit 67	Used car dealer. Appears to have a central structure where car maintenance is conducted. Site is a potential environmental concern. Not listed in EPA databases.
Box Elder Auto Parts & Service Approx. 134 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Appears to be a vehicle scrap yard. The building at the front of the property appears to be abandoned but there is a newer building in the back corner of the property which may be where the operation now takes place. One hundred or more vehicles sitting on property, possible on-site maintenance. Site is a potential environmental concern. Site listed in EPA databases under ICIS, most recent compliance in 2014.
Tipmann Bros 104 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Used car dealer with an auto shop. Has potential for generation, handling, and disposal of petroleum and other hazardous materials. Site has a potential environmental condition. Not listed in EPA databases.
Harms Oil* 624 Box Elder Road W Box Elder, SD 57719 *Name presumed from tanker signs – Parcel data lists property under owner: Real Estate Company 4	South of I-90 Between Exit 63 and Exit 67	Appears to be a storage area for tanker trucks and tanks, likely containing petroleum products. Due to the concentration of oil tank trailers and trucks on site this property is a potential environmental concern. Not listed in EPA databases. The site is directly adjoining I-90.
Stern Oil Co Inc 105 S Gate Road Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Appears to be an auto repair shop for oil trucks and related vehicles. Has potential for generation, handling, and disposal of petroleum and other hazardous materials. The site contains several ASTs, some with containment structures and some without. Site is a potential environmental concern. Not listed in EPA databases.

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
RR Waste Solutions 105 Rosehill Drive Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	A waste solutions property with several garbage trucks and a storage area on site. Aerial images from 2015 show an active operation but the site visit in September 2016 observed what appeared to be an abandoned site. Signs from RR Waste Solutions had been removed. An abandoned AST remains in the center of the property. Site is a potential environmental concern. Not listed in EPA databases.
ACDC Automotive 114 Box Elder Road W Box Elder, SD 55719	South of I-90 Between Exit 63 and Exit 67	Auto shop. Has potential for generation, handling, and disposal of petroleum and other hazardous materials. Site is a potential environmental concern. Not listed in EPA databases.
Con-Way Freight 124 Box Elder Road W Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Appears to be a freight exchange and storage hub for Con-Way Freight. The property has a many plastic tote tanks that contain an unknown liquid and there is an above-ground storage tank behind the structure. This site is a potential environmental concern due to these factors. Not listed in EPA databases.
Pat Meier Trucking 152 Douglas Road Box Elder, SD 57719	South of I-90 Between Exit 63 and Exit 67	Appears to be a base of operations for a trucking company. The central building appears to contain maintenance activities therefore the site is a potential environmental concern. Not listed in EPA databases.
Ellsworth Air Force Base 1940 EP Howe Drive Ellsworth AFB, SD 57706	North of I-90 Between Exit 63 and Exit 67	The Ellsworth Air Force Base has a wide array of recognized environmental conditions and hazardous materials contaminations. The site is a superfund site. All surface contaminations have been cleaned and the surface areas were removed from the National Priorities List in 2012. The groundwater still requires additional cleanup. Although I-90 is downgradient of the base, reviews conducted by the EPA have concluded the groundwater contamination is contained at the base boundary and high concentration areas have been identified and are being treated.

**Table 3. Hazardous, Toxic, and Radioactive Waste Summary for I-90 Exit 61 to Exit 67**

Property Name and Address/Location	Location in relation to project	Environmental Conditions and General Comments
Cono-Mart 117 North Ellsworth Road Box Elder, SD 57719	North of I-90 Between Exit 63 and Exit 67	Appears to be closed and abandoned. Using historic aerial imagery from Google Earth, it appears it closed sometime after 2006. A portion of the concrete on the property has been removed and there is some excavation activity behind the structure. The site is listed in the EPA databases under RCRA as a CESQG (Last update in December 2006). With the potential for LUST and the excavation on site, this site is a potential environmental concern.
Love's Travel Stop 679 Reagan Avenue (I-90 Exit 67B) Box Elder, SD 57719	North of I-90 (Exit 67)	A gas station located directly adjacent to I-90. The property and structures were constructed in the past 2 or 3 years. There is a structure in the back corner of the property which is used for on-site vehicle maintenance. Due to the site being very recently constructed it is unlikely that their tanks are leaking. To be cautious, the site is considered to have a potential environmental condition due to the on-site vehicle maintenance and potential for LUSTs. Not listed in EPA databases.

**Table 4. Threatened and Endangered Species Potentially Within Study Area**

Resource Name	Status	Habitat	Potential for Impact?
<b>Black-footed Ferret</b> ( <i>Mustela nigripes</i> )	SE	Historically associated with prairie dog colonies and distribution is consistent with distribution of prairie dogs in South Dakota. It's estimated that 100 to 150 acres of prairie dog colony are needed to support one ferret. There are some prairie dog colonies located near the site; however, none are the size required to support Black-footed Ferrets. Therefore, no suitable habitat is likely present.	May affect, but not likely to adversely affect
<b>Northern Long-eared Bat</b> ( <i>Myotis septentrionalis</i> )	FT, ST	Typically found near water and dense coniferous and riparian forest conditions. Roost sites in exfoliating bark and tree cavities, open buildings, and caves or mines. Winter hibernacula are frequently caves and mines. Habitat is potentially present in riparian areas along Boxelder Creek.	May affect, but not likely to adversely affect
<b>Northern River Otter</b> ( <i>Lontra canadensis</i> )	ST	Prefers slow-moving rivers and streams with deep pools, abundant riparian vegetation, and plentiful fish; often associated with beaver activity. No suitable habitat is likely present.	No effect
<b>Swift Fox</b> ( <i>Vulpes velox</i> )	ST	Prefers heavily grazed shortgrass or mixed-grass prairies with open gently rolling topography for high visibility of surrounding area; usually associated with prairie dogs or ground squirrel colonies. Habitat is potentially present.	May affect, but not likely to adversely affect
<b>American Dipper</b> ( <i>Cinclus mexicanus</i> )	ST	Prefers clean, cold, fast flowing mountain streams with abundant aquatic insects. No suitable habitat is likely present.	No effect
<b>Interior Least Tern</b> ( <i>Sterna antillarum</i> )	FE, SE	Prefers open areas for feeding and nesting; feeding occurs in the shallow water of lakes, ponds, and rivers located close to nesting areas with an abundance of small fish; nesting habitat is bare or sparsely vegetated sand, shell, and/or gravel beaches, sandbars, islands, and salt flats associated with rivers or lakes. No suitable habitat is likely present.	No effect
<b>Red Knot</b> ( <i>Calidris canutus rufa</i> )	FT	Heavily migratory bird. When located in the Northern Great Plains on a stopover there is evidence that red knots use inland saline lakes for habitat. Some evidence suggests that they may utilize manmade freshwater habitats.	No effect
<b>Osprey</b> ( <i>Pandion haliaetus</i> )	ST	Always found near water – rivers, lakes, ponds; large open-top trees used for nesting and roosting. No suitable habitat is likely present.	No effect
<b>Peregrine Falcon</b> ( <i>Falco peregrinus</i> )	SE	Prefers open grasslands with suitable nesting cliffs and rock outcroppings near a concentrated prey base such as waterfowl or colonial ground squirrels. May be present during migration; however, no suitable habitat is likely present.	May affect, but not likely to adversely affect

**Table 4. Threatened and Endangered Species Potentially Within Study Area**

Resource Name	Status	Habitat	Potential for Impact?
<b>Whooping Crane</b> ( <i>Grus americana</i> )	FE, SE	Migration habitat includes marshes and submerged sandbars in rivers with good horizontal visibility, water depth of 12 in or less, and minimum wetland size of 0.1 ac for roosting. No suitable habitat is likely present.	No effect
<b>Longnose Sucker</b> ( <i>Catostomus catostomus</i> )	ST	Prefers cool, clear, spring-fed streams and lakes. Found in tributaries to the Cheyenne and Belle Fourche River basins. Suitable habitat is potentially present.	May affect, but not likely to adversely affect
<b>Sturgeon Chub</b> ( <i>Macrhybopsis gelida</i> )	ST	Prefer areas with moderate to strong current on large rivers with rocks, gravel or coarse sand substrates. Found in tributaries to the Cheyenne, White, Grand and Missouri River basins. Suitable habitat is potentially present.	May affect, but not likely to adversely affect
<b>Leedy's roseroot</b> ( <i>Rhodiola integrifolia</i> <i>ssp. leedyi</i> )	FT	Grows primarily on cool cliffs. Seems to prefer cool air from caves rising from cracks in cliff surfaces. Most populations found on privately owned property.	No effect

**Table 5. Noise Abatement Criteria**

Activity Category	Activity Description
A	Lands on which serenity and quiet are of extraordinary significance and serve an important public need
B	Residential
C	Active sports areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios trails and trail crossings.
D	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios
E	Hotels, motels, office, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical) and warehousing
G	Undeveloped lands that have been permitted for development on or before the date of public Undeveloped lands that are not permitted

**Table 6. Noise Sensitive Areas**

Location Description	Distance from Project Area	Property Description	SDDOT Land Use Category
I-90/W. Gate Road	Within	Residential Properties	B
East of I-90/W. Gate Road	Adjacent	Boykin Park	C
Between I-90 and Highway 1416 (W. Gate to Ellsworth)	Within	Residential Properties	B
Between I-90 and Highway 1416 (W. Gate to Ellsworth)	Adjacent	Harvest Time Free Will Baptist Church	C
South of Highway 1416	Adjacent	Box Elder Community Park	C
Highway 1416. Liberty Boulevard/Spruce Drive	Adjacent	Residential Neighborhood	B

**Table 7. Current and reasonably foreseeable projects**

Project Name/Location	Description	Status
SDDOT Projects		
Sheffer St. to Sturgis Road in Rapid City	Urban Grading, Roadway Lighting Storm Sewer, Curb & Gutter, Sidewalk, Traffic Signals, Pedestrian Crossing & PCC Surfacing	Upcoming Project
Bridge Rehabilitation – Rapid City Region	Bridge Rehabilitation	Current and Upcoming Project (ongoing)
Local Agency Projects		
Radar Hill Road	Repair Slide area that occurred on the west side of the new Radar Hill alignment constructed in 2011	Current Project
I-90 Exit 40-44 (Tilford to Piedmont)	Complete reconstruction of the interstate between exits 40-44	Current Project
I-190/Silver Street Interchange	New interchange	Current Project
Railroad Safety Improvements- Rapid City Region	Various Railroad Safety Improvements	Current and Upcoming Project (ongoing)
Box Elder-Pennington Co Rd 14-16, from Exit 63 East to end of the divided section East of Ellsworth Rd	Reconstruct-convert divided section to a 3-lane section; PE	



**Table 8. Impacts of Planning Studies on Study Area**

Current or Reasonably Foreseeable Future Projects	Potential Impacts within the Study Area
Rapid City Area Metropolitan Planning Organization Transportation Plan Update	The plan will have a beneficial effect on the multi-modal improvements transportation facilities.
Rapid City Railroad Safety/Quiet Zone Feasibility Study	The plan will have a beneficial effect on rail facilities and adjacent land use.
Rapid City Downtown Master Plan	The plan will have a beneficial effect on the overall transportation system.
Rapid City Comprehensive Plan	The plan will have a beneficial effect on the overall transportation system.