

LEGEND

Road Damage Sites

Off Channel Storage Sites

Box Butte Creek watershed boundary

Stream

Road

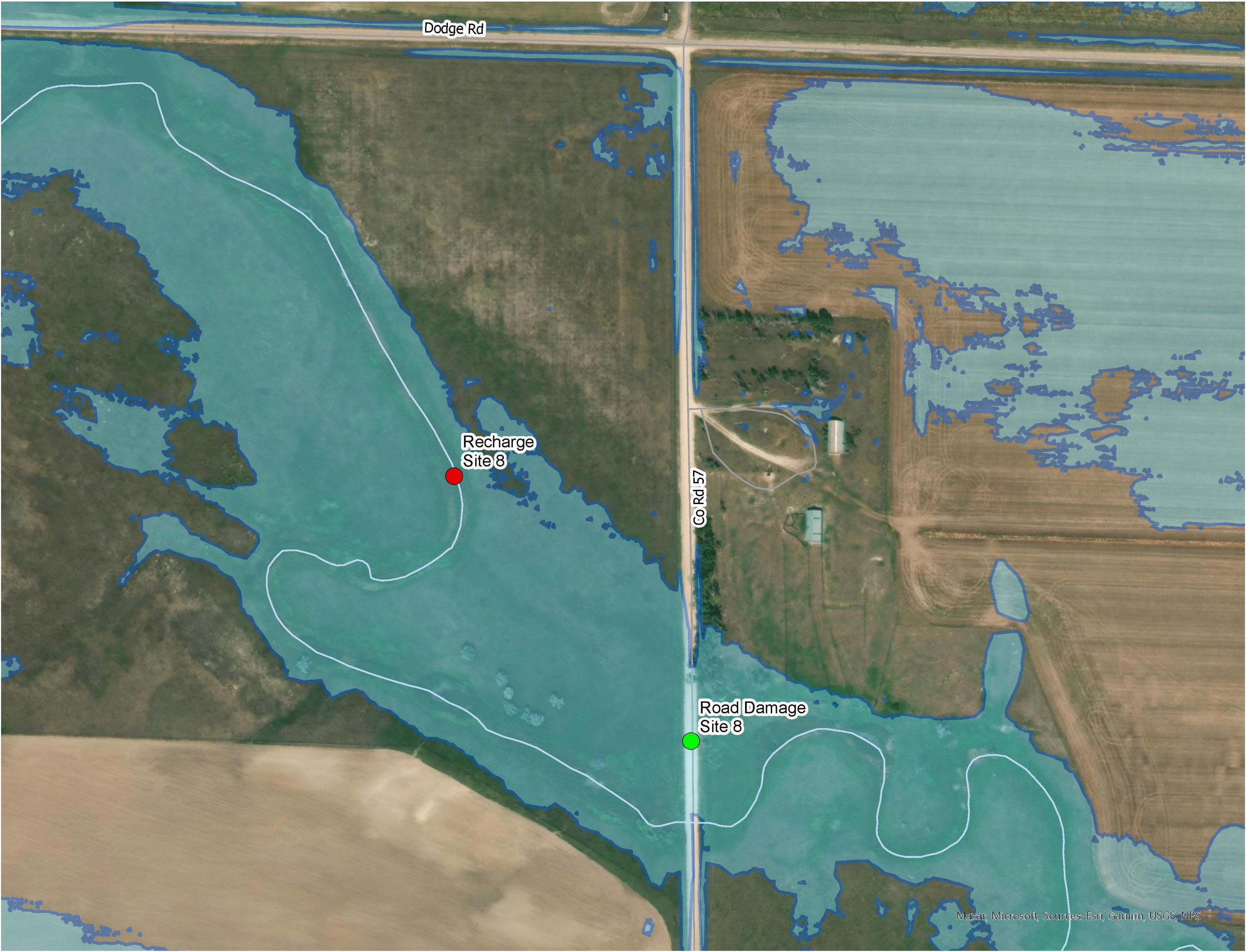
1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



PATH: Z:\PROJECTS\UNWNRD\10257466_UNWNRD_BOXBUTTEWTRSHD\MAP_DOCS\WORKING_MXD\WFPO_1PCT_EXIST.APRX - USER: SROCK - DATE: 7/15/2025



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 8

FIGURE 5-5 G-1

- LEGEND
- Road Damage Sites
 - Off Channel Storage Sites
 - 1-PCT AEP with Project
 - 1-PCT AEP Existing
 - City
 - Box Butte Creek watershed boundary
 - Stream
 - Road

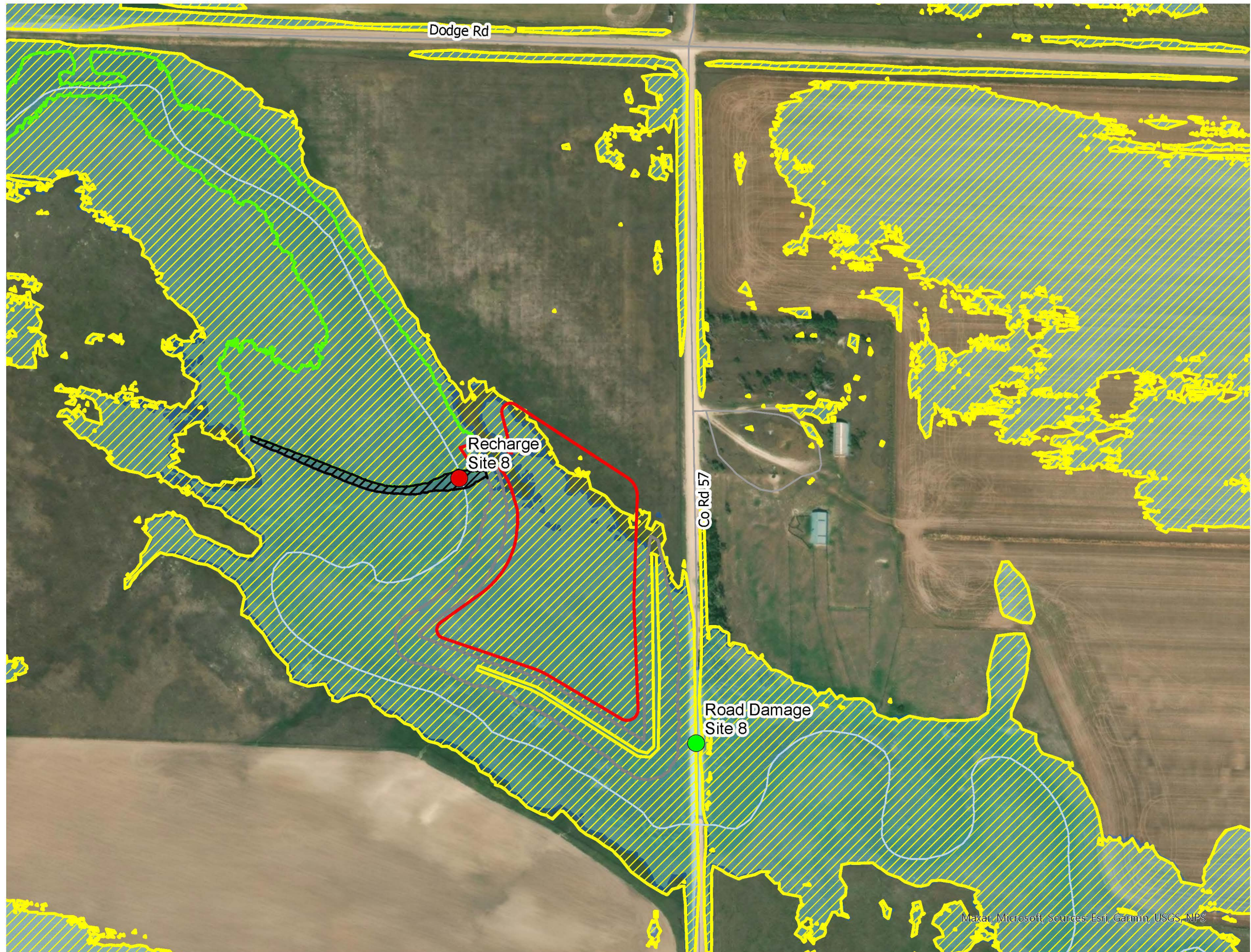
- Recharge_Sites
- Component
- Diversion Berm
 - Diversion Pool
 - Off-Channel Storage
 - Off-Channel Berm



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



PATH: Z:\PROJECTS\UNWNRD\10257466_UNWNRD_BOXBUTTEWTRSHD\MAP_DOCS\WORKING_MXD\CHAPTER_4\FIGURES\WFPO_1PCT_PROPOSED.APRX - USER: SROCK - DATE: 7/15/2025



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH RECHARGE PROJECT
BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 8

FIGURE 5-5 G-2

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

LEGEND

Road Damage Sites

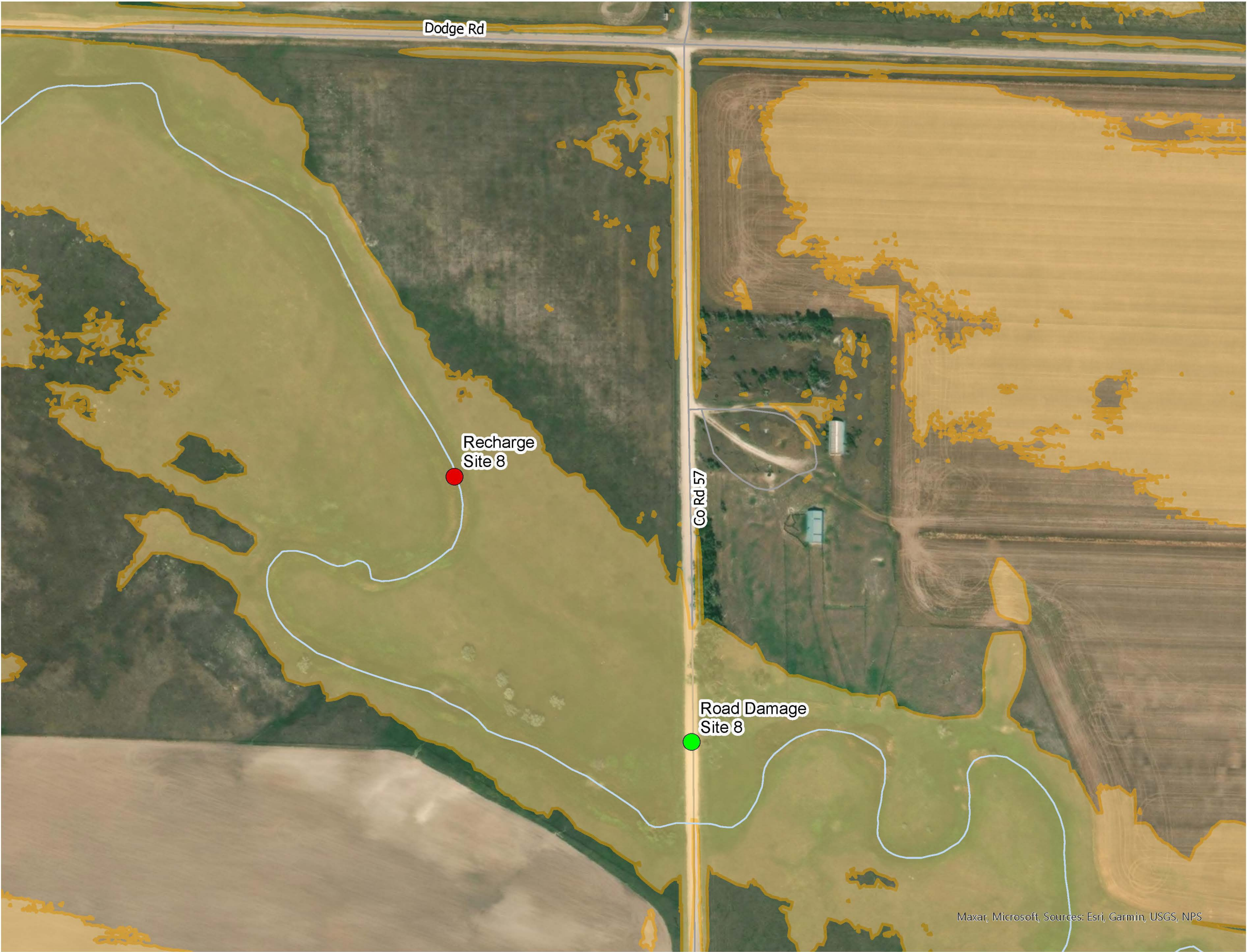
Off Channel Storage Sites

Box Butte Creek watershed boundary

Stream

Road

0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - SITE 8
FIGURE 5-5 G-3



LEGEND

- Road Damage Sites
- Off Channel Storage Sites
- 0.2% AEP with Project
- 0.2% AEP Existing
- Box Butte Creek watershed boundary
- Stream
- Road

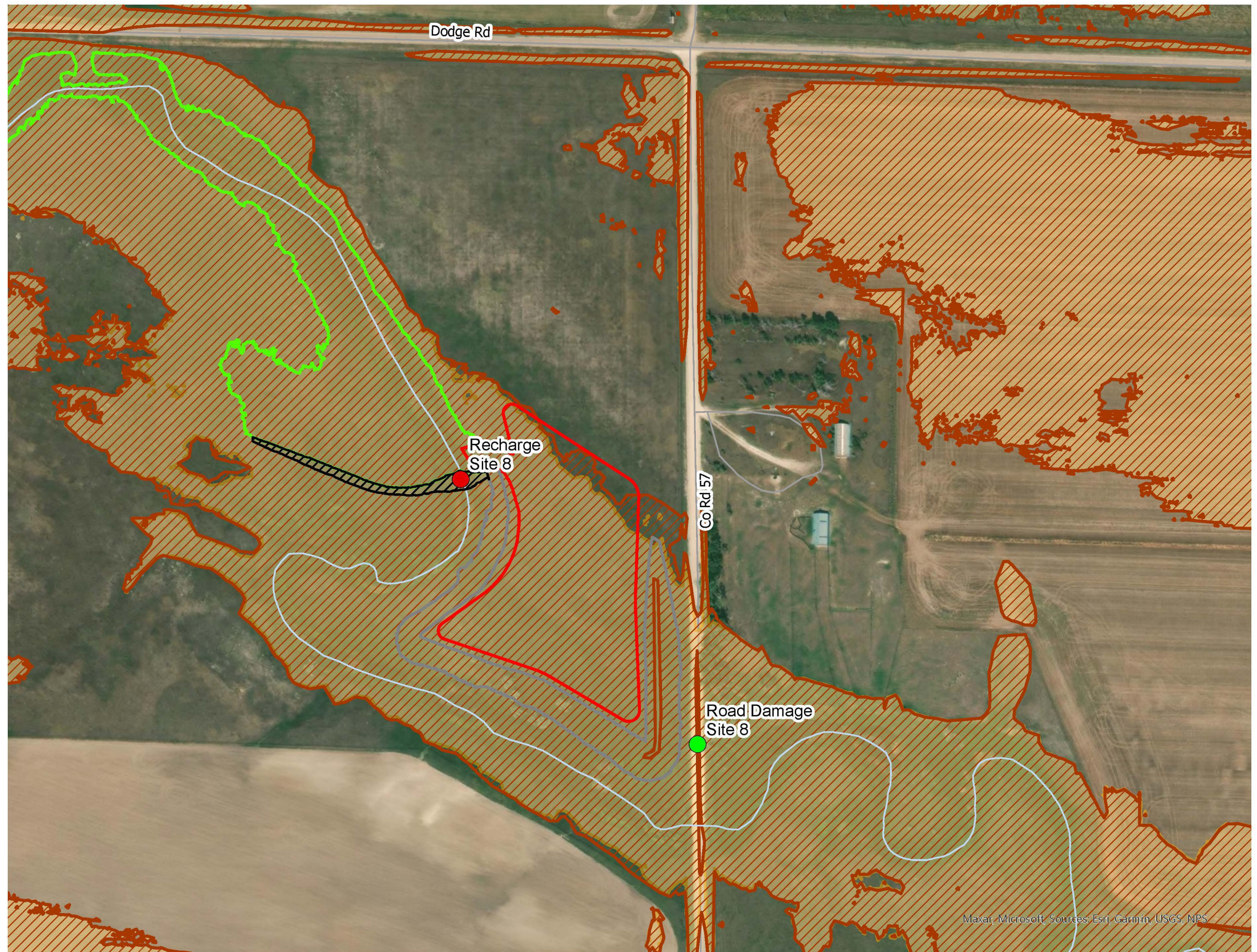
Recharge Sites

Component

- Diversion Berm
- Diversion Pool
- Off-Channel Storage
- Off-Channel Berm



DATA SOURCES:
 USGS (NHD: streams, watershed boundaries)
 UNWNRD (Groundwater management subareas)
 US Census Bureau (Counties)
 ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN WITH RECHARGE PROJECT

BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 8

FIGURE 5-5 G-4

LEGEND

- Off Channel Storage Sites
- Box Butte Creek watershed boundary
- Stream
- Road
- 1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 9

FIGURE 5-5 H-1

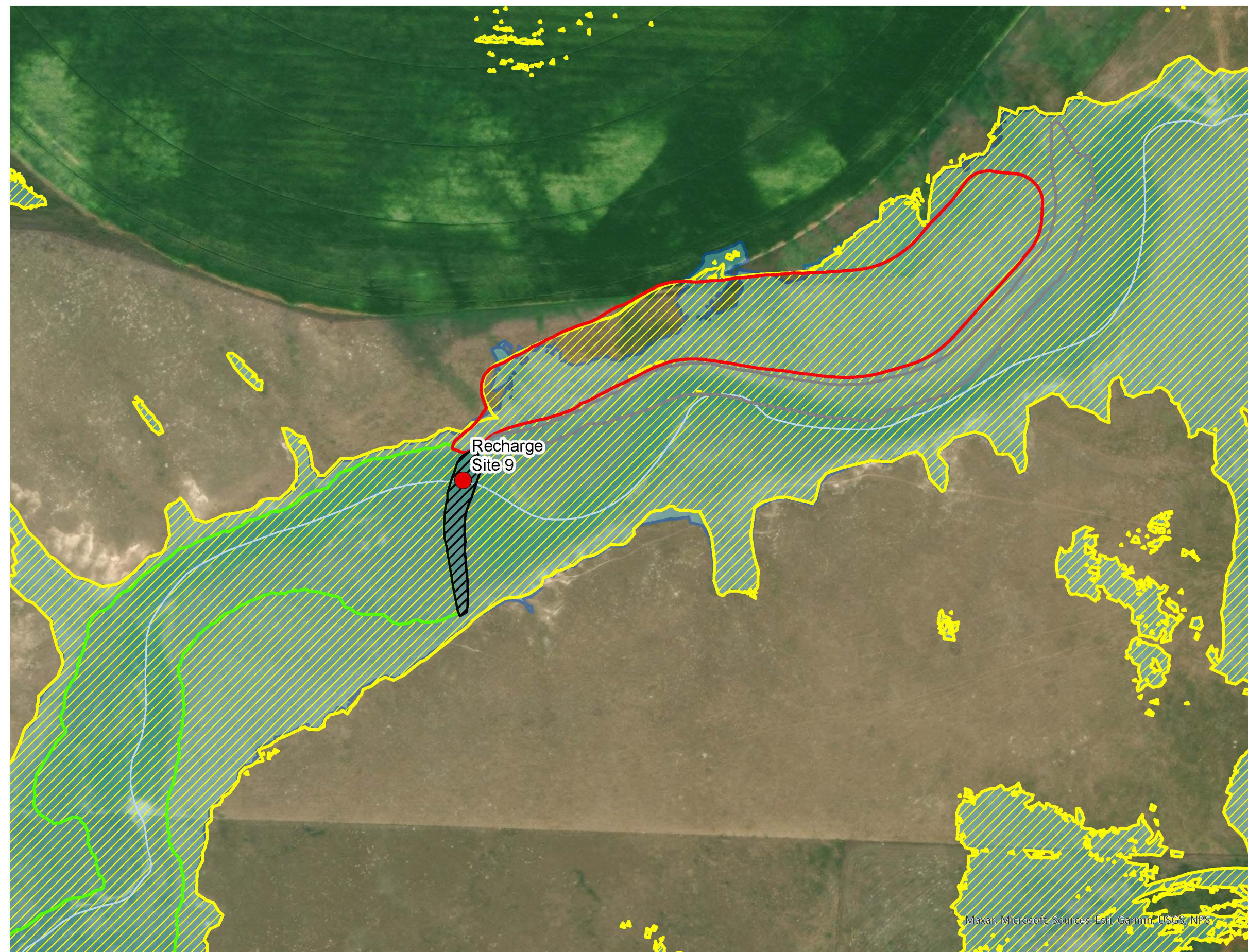
LEGEND

- Off Channel Storage Sites
- 1-PCT AEP with Project
- 1-PCT AEP Existing
- City
- Box Butte Creek watershed boundary
- Stream
- Road

Recharge_Sites

Component

- Diversion Berm
- Diversion Pool
- Off-Channel Storage
- Off-Channel Berm



DATA SOURCES:
 USGS (NHD: streams, watershed boundaries)
 UNWNRD (Groundwater management subareas)
 US Census Bureau (Counties)
 ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



1-PERCENT AEP FLOODPLAIN WITH RECHARGE PROJECT

BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 9

FIGURE 5-5 H-2

LEGEND

- Off Channel Storage Sites
- Box Butte Creek watershed boundary
- Stream
- Road
- 0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 9

FIGURE 5-5 H-3

LEGEND

Off Channel Storage Sites

0.2% AEP with Project

0.2% AEP Existing

Box Butte Creek watershed boundary

Stream

Road

Recharge Sites

Component

Diversion Berm

Diversion Pool

Off-Channel Storage

Off-Channel Berm

00.030.050.1 Miles

DATA SOURCES:

USGS (NHD: streams, watershed boundaries)

UNWNRD (Groundwater management subareas)

US Census Bureau (Counties)

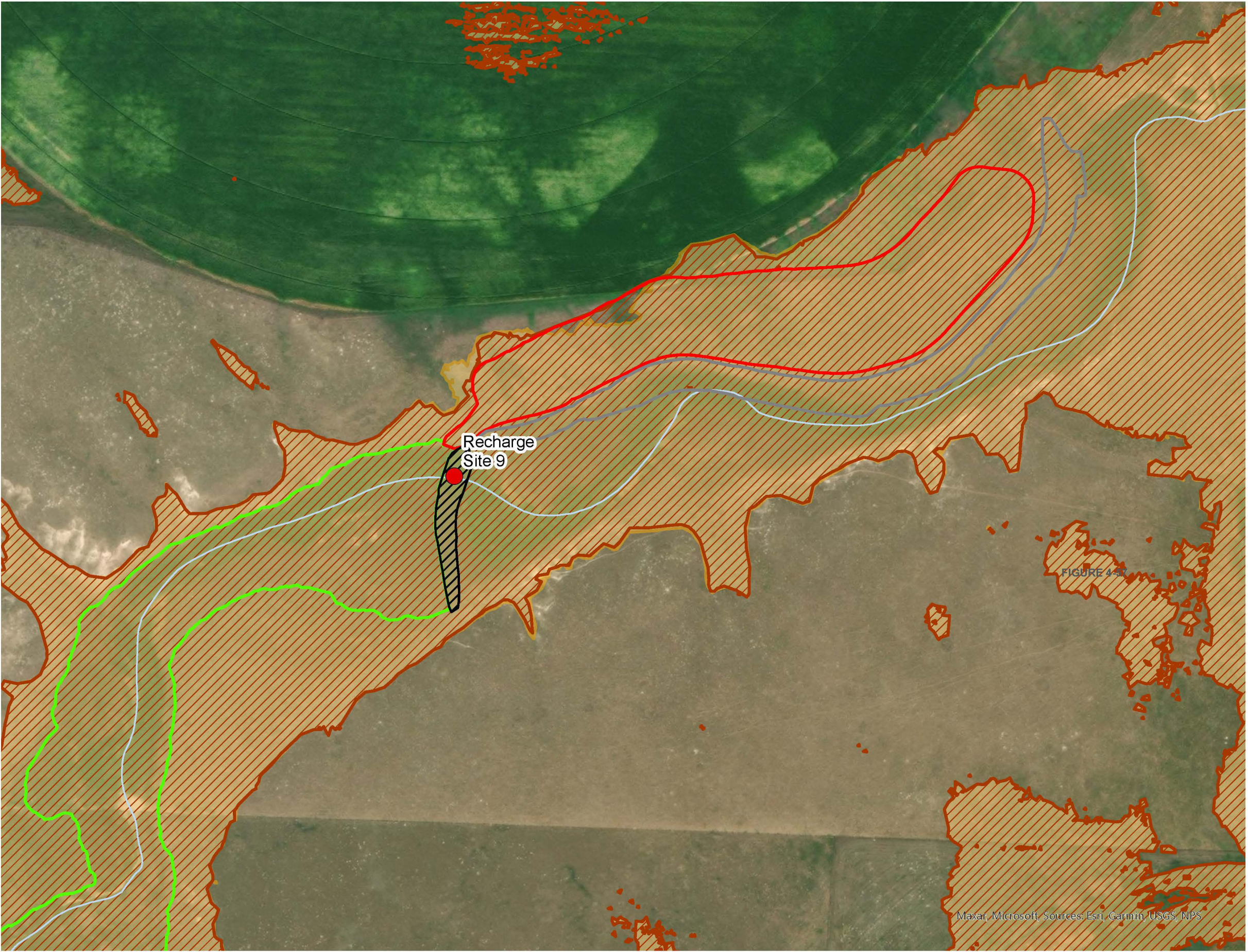
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

HR

Upper Niobrara White

Natural Resources District

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0.2-PERCENT AEP FLOODPLAIN WITH RECHARGE PROJECT
BOX BUTTE CREEK WATERSHED PLAN & EA - RECHARGE SITE 9
FIGURE 5-5 H-4

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



PATH: Z:\PROJECTS\UNWNRD\10257466_UNWNRD_BOXBUTTEWTRSHD\MAP_DOCS\WORKING_MXD\WFPO_1PCT_EXIST.APRX - USER: SROCK - DATE: 7/15/2025



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 10

FIGURE 5-6 B-1

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  City
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 10

FIGURE 5-6 B-2

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



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Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 10

FIGURE 5-6 B-3

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

LEGEND

-  Road Damage Sites
-  0.2% AEP with Project
-  0.2% AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS



0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 10

FIGURE 5-6 B-4

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 11

FIGURE 5-6 C-1

LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  City
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 11

FIGURE 5-6 C-2

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 11

FIGURE 5-6 C-3

LEGEND

Road Damage Sites

0.2% AEP with Project

0.2% AEP Existing

Box Butte Creek watershed boundary

Stream

Road

An aerial map of the Box Butte Creek watershed. The watershed boundary is shown as a white line. Areas of 0.2% Annual Exceedance Probability (AEP) floodplain are shaded in orange. The '0.2% AEP Existing' is shown as a solid orange fill, while the '0.2% AEP with Project' (roadway improvements) is shown as a hatched orange fill. A green dot marks 'Road Damage Site 11' on 'Co Rd 59'. A north arrow and a scale bar (0 to 0.1 miles) are located in the bottom left. The map is overlaid on a satellite image background.

DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

The logo for HDR (Hydrologic Design Resources) is a blue square with the letters 'HDR' in white. To its right is the logo for the Upper Niobrara White Natural Resources District, which features a stylized landscape with a river, trees, and a sun, with the text 'Upper Niobrara White' and 'Natural Resources District'.

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 11

FIGURE 5-6 C-4

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UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 12B

FIGURE 5-5 D-1



LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  City
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 12B

FIGURE 5-6 D-2

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



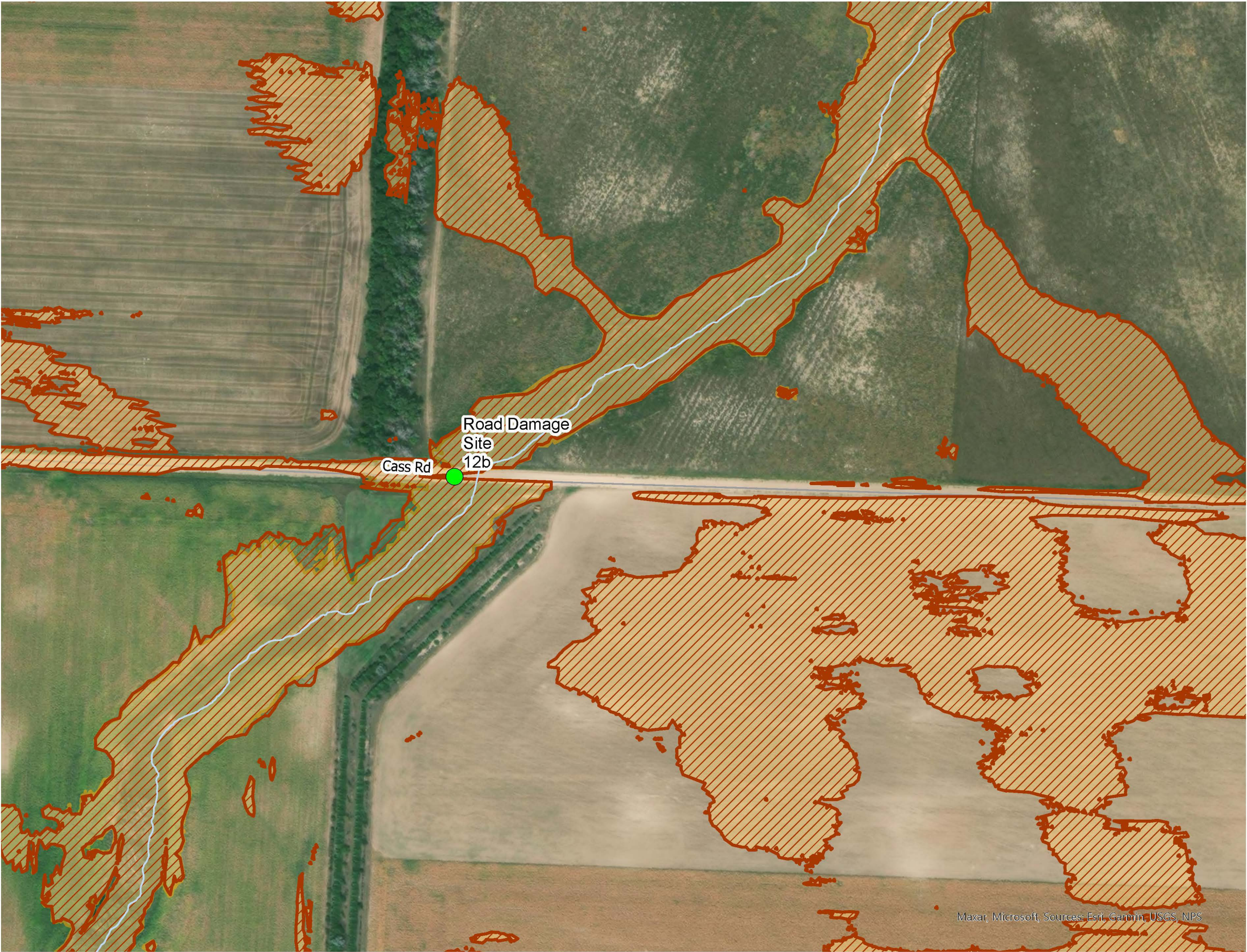
Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 12B

FIGURE 5-6 D-3

LEGEND

-  Road Damage Sites
-  0.2% AEP with Project
-  0.2% AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 12B

FIGURE 5-6 D-4

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 16

FIGURE 5-6 E-1

LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  City
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 16

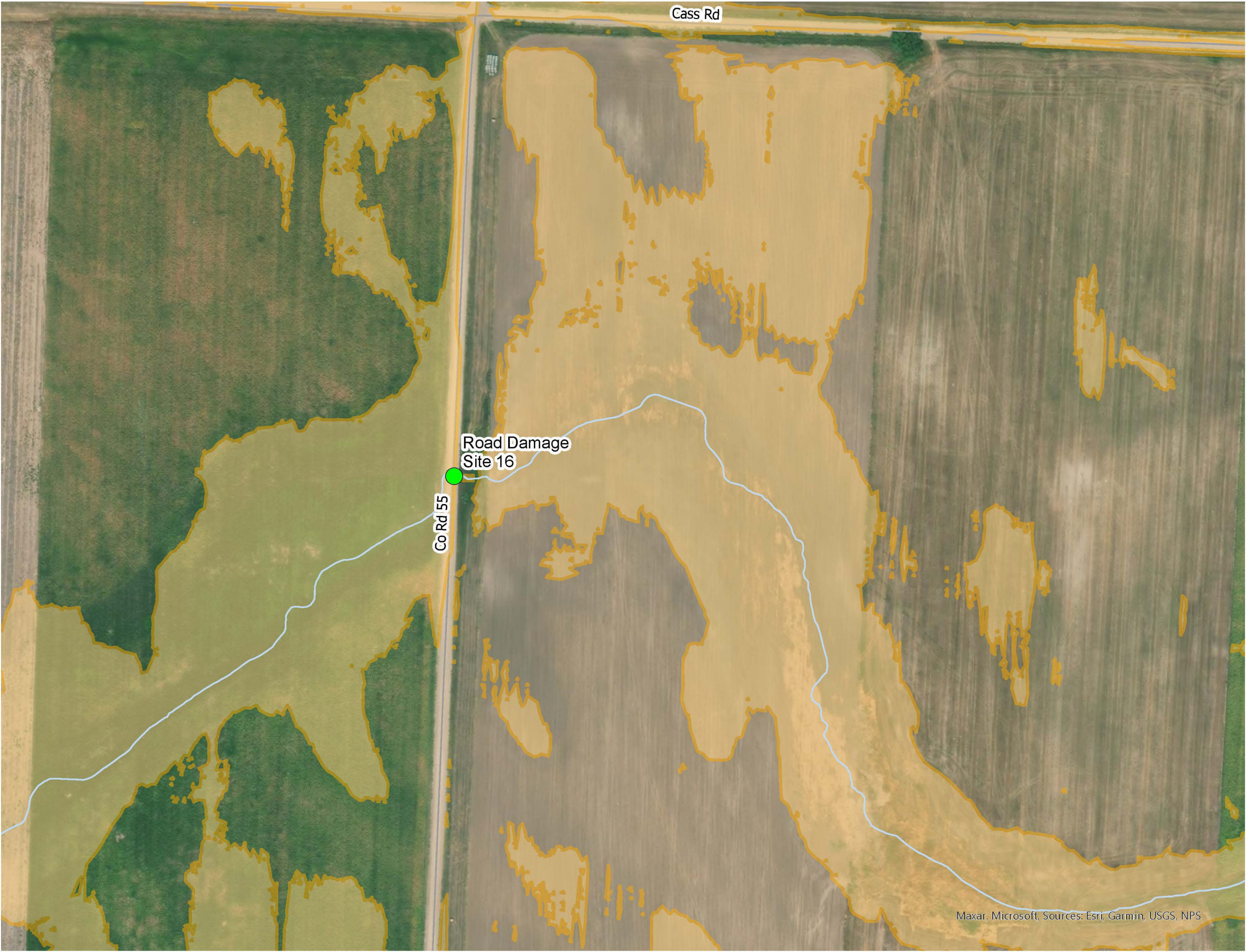
FIGURE 5-6 E-2

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 16

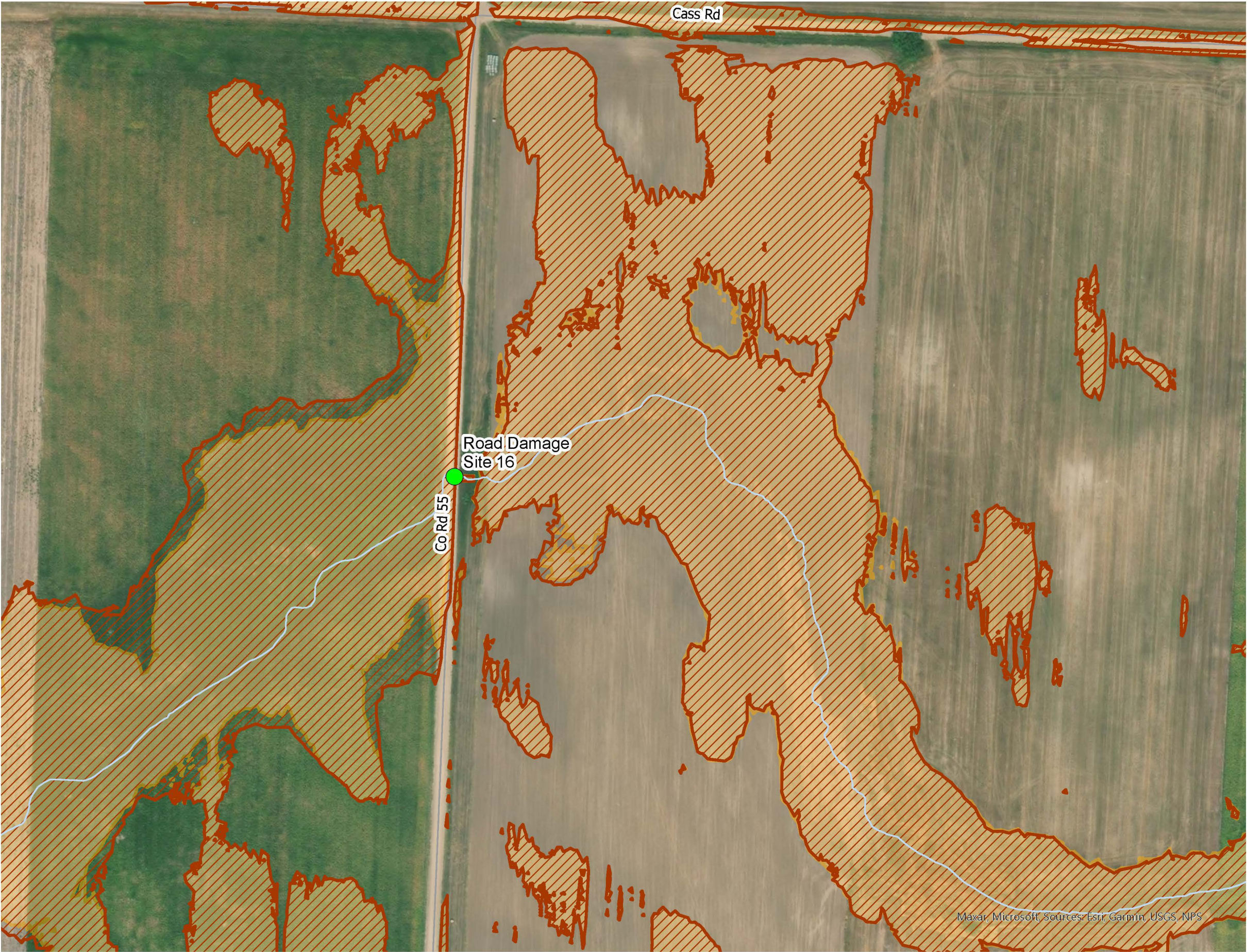
FIGURE 5-6 E-3

LEGEND

-  Road Damage Sites
-  0.2% AEP with Project
-  0.2% AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 16

FIGURE 5-6 E-4

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA- ROADWAY SITE 17

FIGURE 5-6 F-1



LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA- ROADWAY SITE 17

FIGURE 5-6 F-2



LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA- ROADWAY SITE 17

FIGURE 5-6 F-3

LEGEND

-  Road Damage Sites
-  0.2% AEP with Project
-  0.2% AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA- ROADWAY SITE 17

FIGURE 5-6 F-4

LEGEND

-  Road Damage Sites
-  City
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 20

FIGURE 5-6 G-1

LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  City
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 20

FIGURE 5-6 G-2

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 20

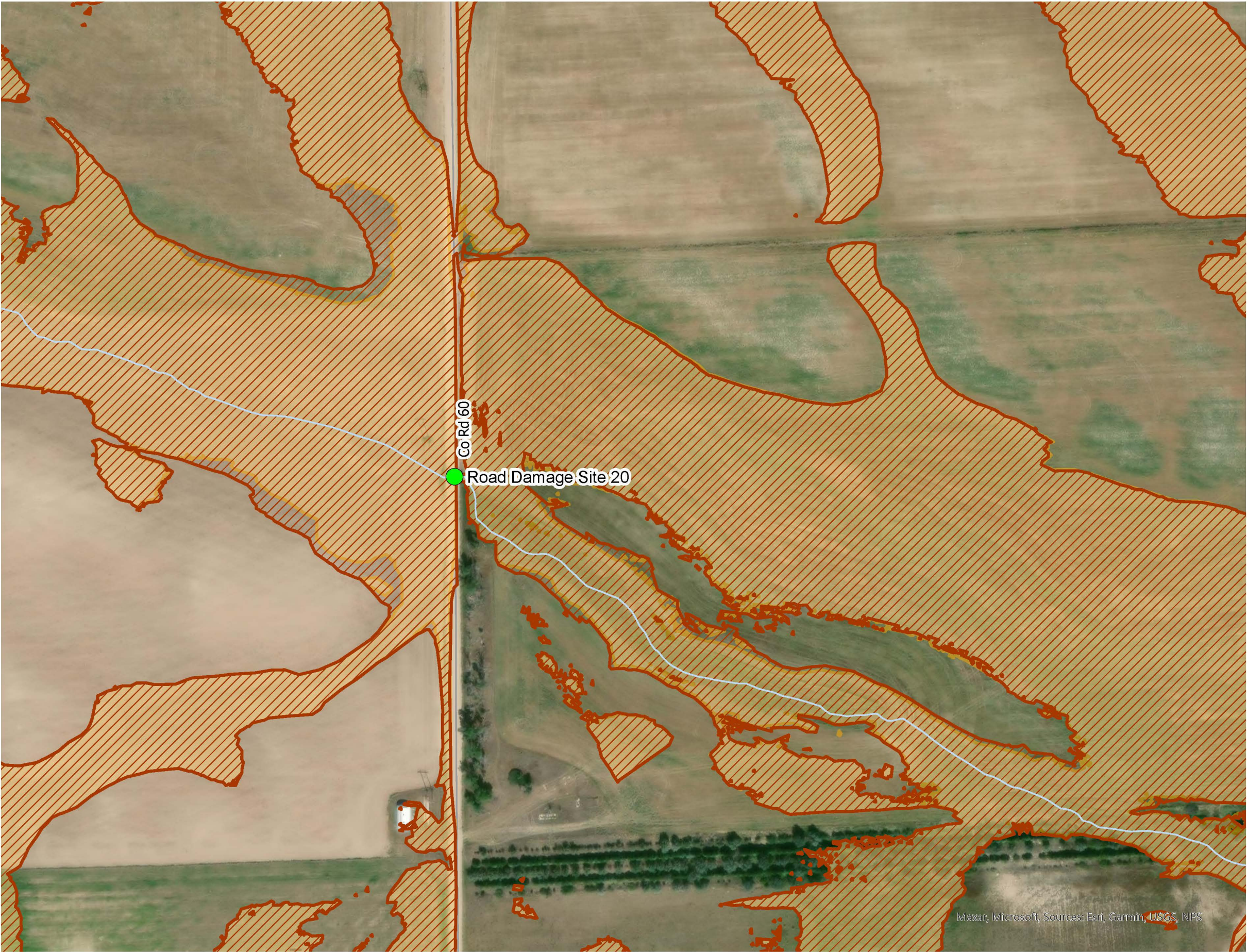
FIGURE 5-6 G-3

LEGEND

-  Road Damage Sites
-  0.2% AEP with Project
-  0.2% AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 20

FIGURE 5-6 G-4

LEGEND

Road Damage Sites

Off Channel Storage Sites

Box Butte Creek watershed boundary

Stream

Road

1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 25

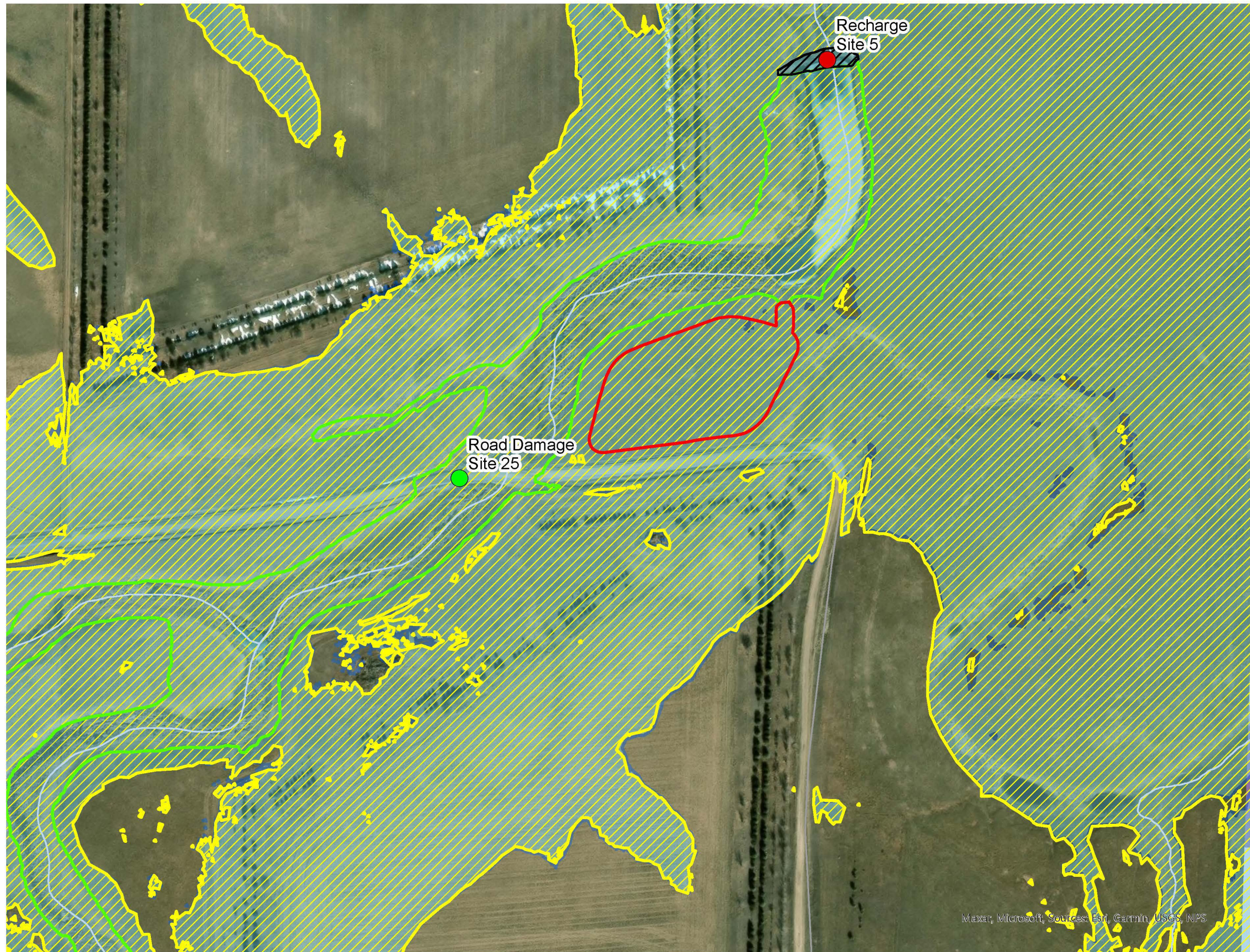
FIGURE 5-6 H-1

- LEGEND**
- Road Damage Sites
 - Off Channel Storage Sites
 - 1-PCT AEP with Project
 - 1-PCT AEP Existing
 - Box Butte Creek watershed boundary
 - Stream
 - Road

Recharge_Sites

Component

- Diversion Berm
- Diversion Pool
- Off-Channel Storage



DATA SOURCES:
 USGS (NHD: streams, watershed boundaries)
 UNWNRD (Groundwater management subareas)
 US Census Bureau (Counties)
 ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 25

FIGURE 5-6 H-2

LEGEND

Road Damage Sites

Off Channel Storage Sites

Box Butte Creek watershed boundary

Stream

Road

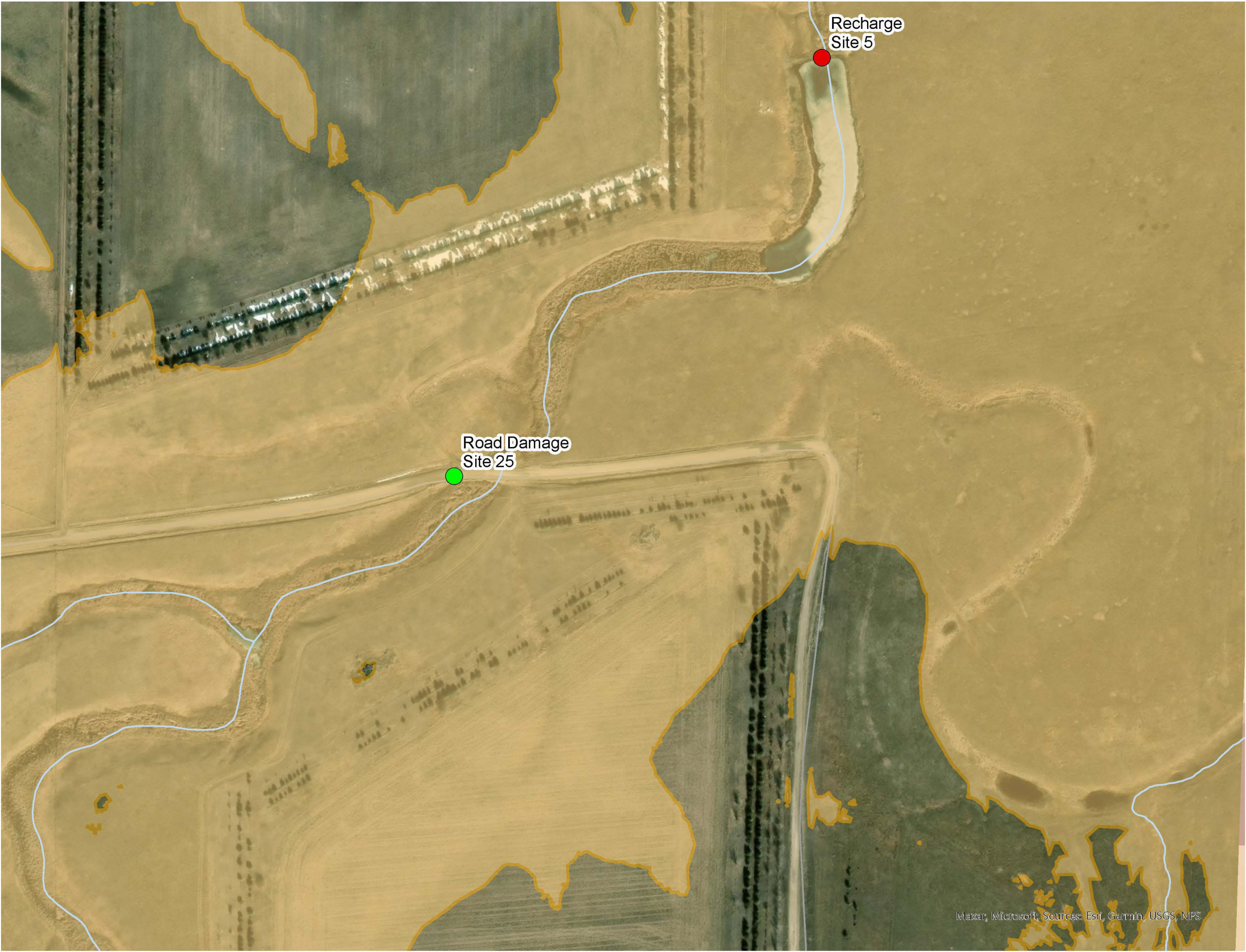
0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



PATH: Z:\PROJECTS\UNWNRD\10257466_UNWNRD_BOXBUTTEWTRSHD\MAP_DOCS\WORKING_MXD\CHAPTER_4\FIGURES\WFPO_0_2PCT_EXISTING.APRX - USER: SROCK - DATE: 7/15/2025



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 25

FIGURE 5-6 H-3

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

- LEGEND**
- Road Damage Sites
 - Off Channel Storage Sites
 - 0.2% AEP with Project
 - 0.2% AEP Existing
 - Box Butte Creek watershed boundary
 - Stream
 - Road

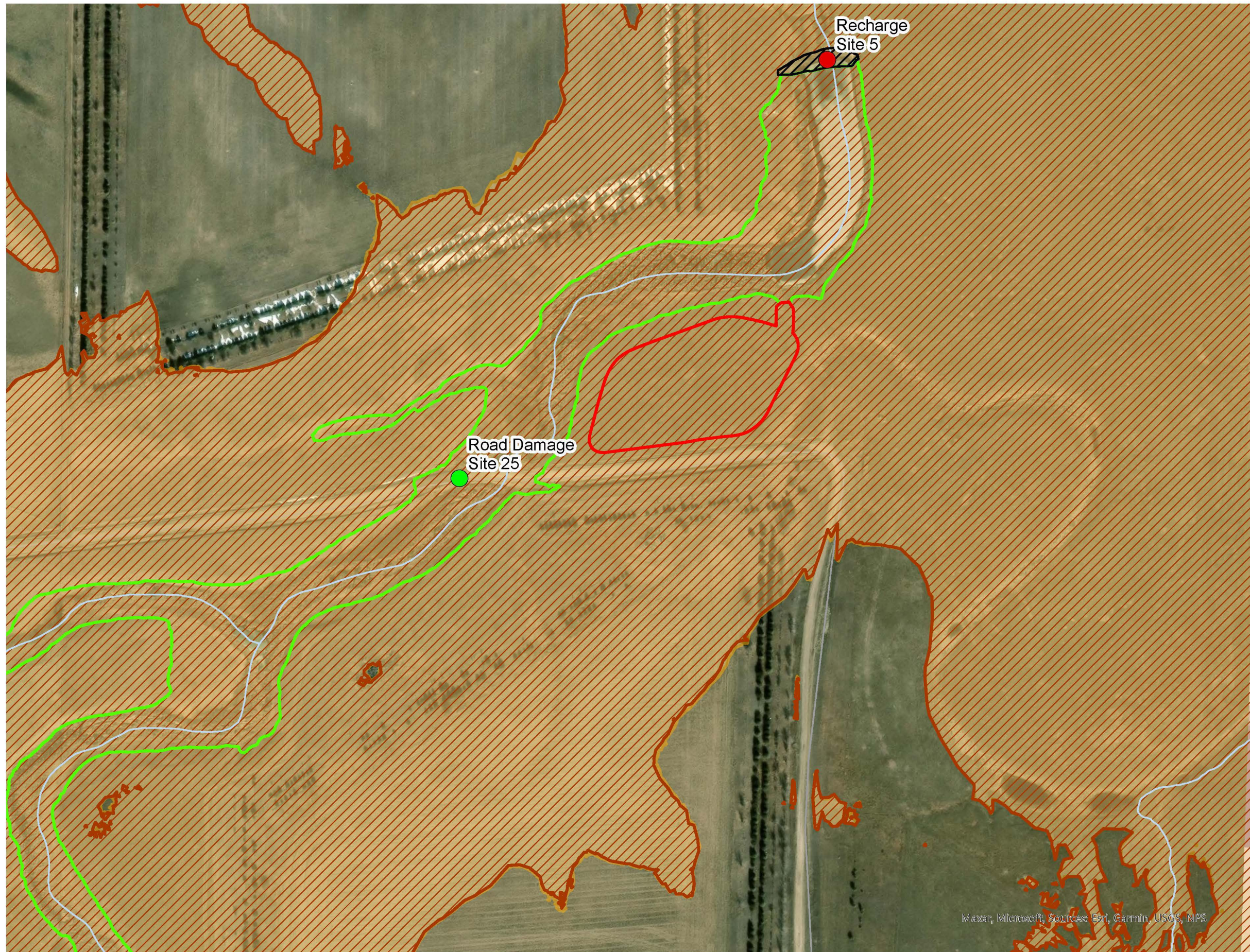
Recharge Sites

Component

- Diversion Berm
- Diversion Pool
- Off-Channel Storage



DATA SOURCES:
 USGS (NHD: streams, watershed boundaries)
 UNWNRD (Groundwater management subareas)
 US Census Bureau (Counties)
 ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



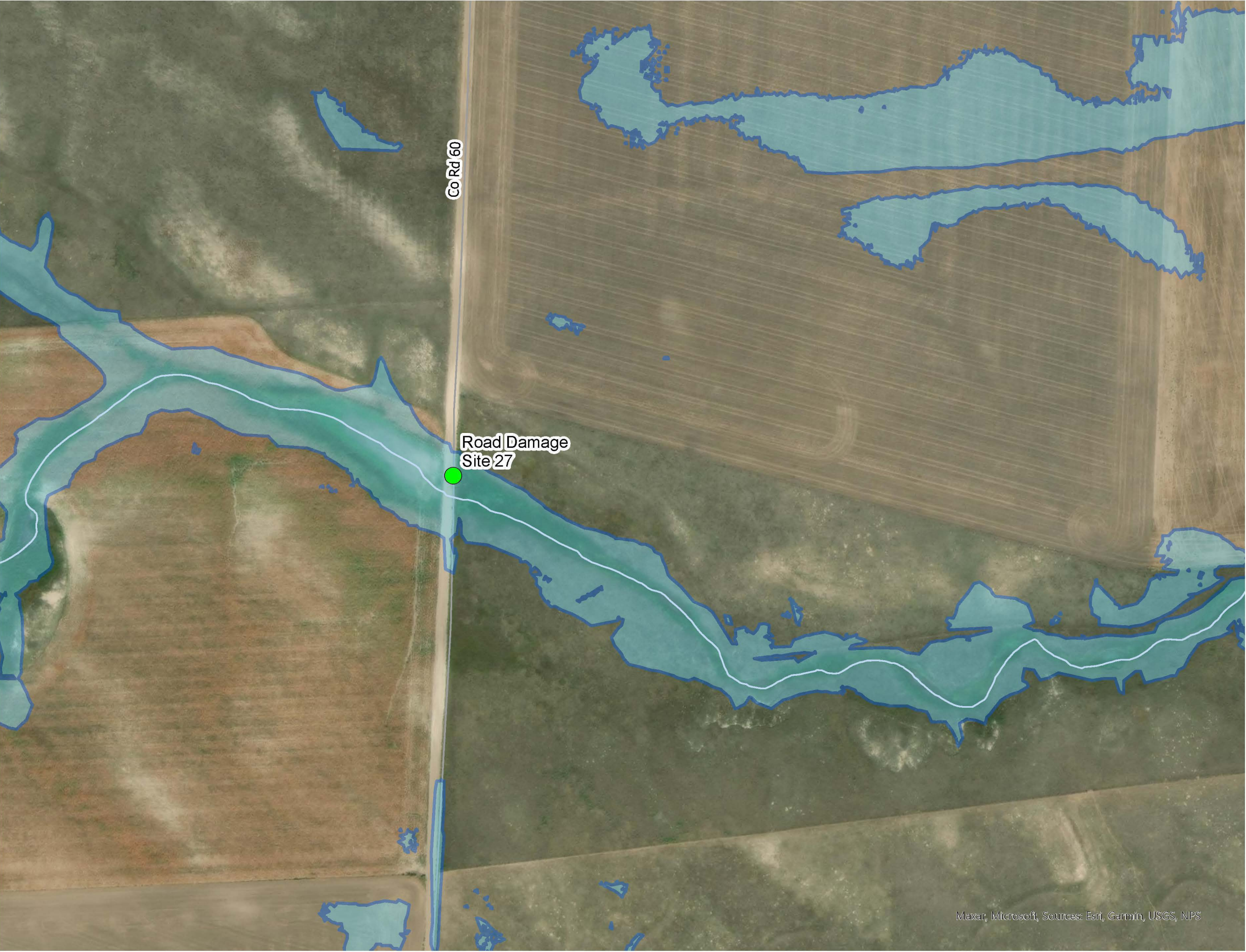
0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 25

FIGURE 5-6 H-4

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  1-PCT AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS



1-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 27

FIGURE 5-6 I-1

LEGEND

-  Road Damage Sites
-  1-PCT AEP with Project
-  1-PCT AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

1-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 27

FIGURE 5-6 I-2

LEGEND

-  Road Damage Sites
-  Box Butte Creek watershed boundary
-  Stream
-  Road
-  0.2% AEP Existing



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)



PATH: Z:\PROJECTS\UNWNRD\10257466_UNWNRD_BOXBUTTEWTRSHD\MAP_DOCS\WORKING_MXD\CHAPTER_4\FIGURES\WFPO_0_2PCT_EXISTING.APRX - USER: SROCK - DATE: 7/15/2025



Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

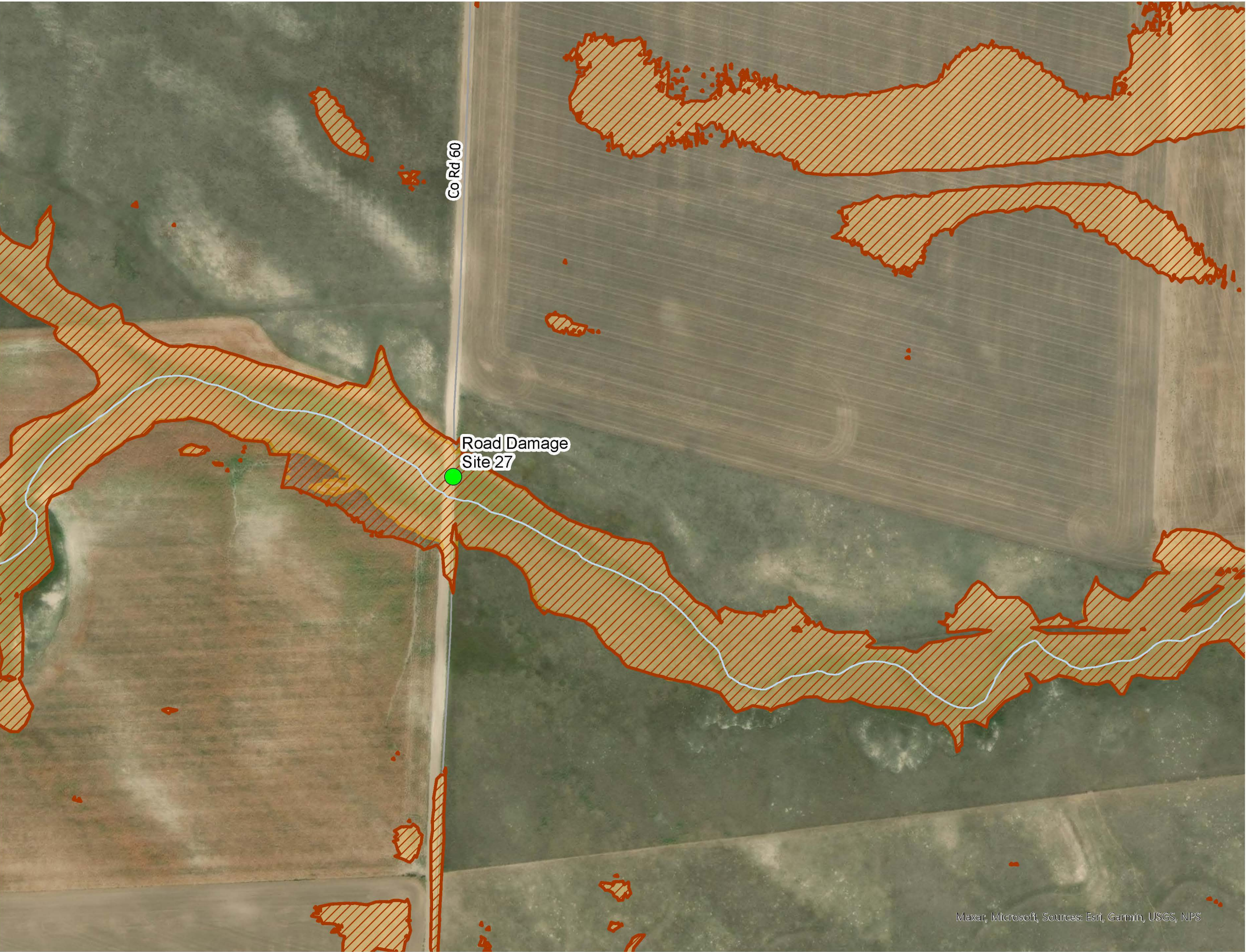
0.2-PERCENT AEP FLOODPLAIN EXISTING CONDITIONS
BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 27

FIGURE 5-6 I-3

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

LEGEND

-  Road Damage Sites
-  0.2% AEP with Project
-  0.2% AEP Existing
-  Box Butte Creek watershed boundary
-  Stream
-  Road



DATA SOURCES:
USGS (NHD: streams, watershed boundaries)
UNWNRD (Groundwater management subareas)
US Census Bureau (Counties)
ESRI, USGS, NOAA, Garmin, NPS (Background map and reference layers)

Maxar, Microsoft, Sources: Esri, Garmin, USGS, NPS

0.2-PERCENT AEP FLOODPLAIN WITH ROADWAY IMPROVEMENTS

BOX BUTTE CREEK WATERSHED PLAN & EA - ROADWAY SITE 27

FIGURE 5-6 I-4

UPPER NIOBRARA WHITE NATURAL RESOURCES DISTRICT

