Ephemeral 0.02134 acres
Emergent Marsh 0.05497 acres
Shrub-Scrub 0.02947 acres
Wet Meadow 0.07661 acres
Perennial 0.3601 acres
Perennial 0.46067 acres
Shrub-Scrub 0.02947 acres
Perennial Stream 0.10972 acres
Perennial Stream 0.13019 acres
Perennial Stream 0.20116 acres

DATA SOURCES: HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)
LEGEND

Geographic Control Point
Map Extent (current view in yellow)
1.0 Milepost (Main Track)
1.0Y Milepost (Kyune Wye)
Existing UP/BNSF Railroad
Area of Potential Effects
Proposed Culvert Location
Double Track Centerline
Single Track Centerline
Track Siding
Bridge
Tunnel
Cut Slope
Deep Cut Slope
Fill Slope
Potential Impacts

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

1 inch = 250 Feet

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WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020
LEGEND

Geographic Control Point
Map Extent (current view in yellow)
1.0 Milepost (Main Track)
1.0Y Milepost (Kyune Wye)
Existing UP/BNSF Railroad
Area of Potential Effects
Proposed Culvert Location
Double Track Centerline
Single Track Centerline
Track Siding
Bridge
Tunnel
Cut Slope
Deep Cut Slope
Fill Slope
Potential Impacts
Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

Duchesne

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LEGEND

- Geographic Control Point
- Map Extent (current view in yellow)
- 1.0 Milepost (Main Track)
- 1.0Y Milepost (Kyune Wye)
- Existing UP/BNSF Railroad
- Area of Potential Effects
  - Proposed Culvert Location
  - Double Track Centerline
  - Single Track Centerline
  - Track Siding
  - Bridge
  - Tunnel
  - Cut Slope
  - Deep Cut Slope
  - Fill Slope
  - Potential Impacts
    - Open Water
    - Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

Page: 15 of 159
LEGEND

Geographic Control Point
Map Extent (current view in yellow)
1.0 Milepost (Main Track)
1.0Y Milepost (Kyune Wye)
Existing UP/BNSF Railroad
Area of Potential Effects
Proposed Culvert Location
Double Track Centerline
Single Track Centerline
Track Siding
Bridge
Tunnel
Cut Slope
Deep Cut Slope
Fill Slope
Potential Impacts
Intermittent
Ephemeral
Ditch/Canal

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

Page: 24 of 159
LEGEND
- Geographic Control Point
- Map Extent (current view in yellow)
- 1.0 Milepost (Main Track)
- 1.0Y Milepost (Kyune Wye)
- Existing UP/BNSF Railroad
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  - Track Siding
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  - Tunnel
  - Cut Slope
  - Deep Cut Slope
  - Fill Slope
  - Potential Impacts
  - Perennial Stream
  - Ephemeral

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

1 inch = 250 Feet

WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020

Price
Duchesne
LEGEND

- Geographic Control Point
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- Deep Cut Slope
- Fill Slope
- Potential Impacts
- Open Water
- Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane 0250 Feet
1 inch = 250 Feet

WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020

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Open Water
0.01289 acres

Perennial
0.18024 acres
LEGEND
Geographic Control Point
Map Extent (current view in yellow)
1.0 Milepost (Main Track)
1.0Y Milepost (Kyune Wye)
Existing UP/BNSF Railroad
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- Tunnel
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- Deep Cut Slope
- Fill Slope
- Potential Impacts
- Perennial Stream
- Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

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LEGEND
Geographic Control Point
Map Extent (current view in yellow)
1.0 Milepost (Main Track)
1.0Y Milepost (Kyune Wye)
Existing UP/BNSF Railroad
Area of Potential Effects
Proposed Culvert Location
Double Track Centerline
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Track Siding
Bridge
Tunnel
Cut Slope
Deep Cut Slope
Fill Slope
Potential Impacts
Perennial Stream
Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

1 inch = 250 Feet

WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020
Perennial 0.01361 acres

Ephemeral 0.04024 acres

Ephemeral 0.00163 acres

Perennial 0.01051 acres

Perennial 0.00004 acres

Perennial 0.00002 acres

Perennial 0.00018 acres

Unnamed Rd

20.75

21

21.25

39.822, -110.737

39.83, -110.746

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LEGEND

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- Deep Cut Slope
- Fill Slope
- Potential Impacts

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

1 inch = 250 Feet

PATH: O:\PROJECTS\JONESDEMILLE\UINTARAIL\7.2_WORK_IN_PROGRESS\MAP_DOCS\DRAFT\FIGURES\404PERMITAPPLICATION\MAP_BL_WHITMOREPARK_404PERMITSERIES_1.MXD - USER: TTZIOUMIS - DATE: 9/15/2020
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- Fill Slope
- Potential Impacts

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

1 inch = 250 Feet
LEGEND
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- Fill Slope
- Potential Impacts
- Perennial Stream
- Ephemeral

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

1 inch = 250 Feet

WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020
WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

1 inch = 250 Feet

Page: 59 of 159
Intermittent 0.11063 acres
Perennial 0.01448 acres
Wet Meadow 0.03649 acres
Perennial 0.17588 acres
Indian Canyon Creek
Perennial Stream

0.24405 acres

0.09133 acres

0.00034 acres

Unnamed Rd

Indian Canyon Creek

42

42.25

42.5

40.033, -110.537

40.037, -110.544

40.044, -110.538

40.040, -110.531

LEGEND

Geographic Control Point
Map Extent (current view in yellow)
1.0 Milepost (Main Track)
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Existing UP/BNSF Railroad
Area of Potential Effects
Proposed Culvert Location
Double Track Centerline
Single Track Centerline
Track Siding
Bridge
Tunnel
Cut Slope
Deep Cut Slope
Fill Slope
Potential Impacts
Perennial Stream

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

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SEPTEMBER 2020

WHITMORE PARK ALTERNATIVE: 2/12/2020

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LEGEND
- Geographic Control Point
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  - Tunnel
  - Cut Slope
  - Deep Cut Slope
  - Fill Slope
  - Potential Impacts
  - Wet Meadow
  - Emergent Marsh
  - Open Water
  - Perennial Stream

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane feet

1 inch = 250 Feet

SEPTEMBER 2020

WHITMORE PARK ALTERNATIVE: 2/12/2020

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Perennial Stream
- 0.03419 acres
- 0.0332 acres
- 0.033 acres
- 0.02051 acres

Open Water
- 0.00006 acres
- 0.00447 acres
- 0.0886 acres

Whitmore Creek

LEGEND
- Geographic Control Point
- Map Extent (current view in yellow)
- 1.0 Milepost (Main Track)
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  - Proposed Culvert Location
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  - Single Track Centerline
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  - Bridge
  - Tunnel
  - Cut Slope
  - Deep Cut Slope
  - Fill Slope
  - Potential Impacts
  - Wet Meadow
  - Open Water
  - Perennial Stream

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

1 inch = 250 Feet

PATH: O:\PROJECTS\JONESDEMILLE\UINTARAIL\7.2_WORK_IN_PROGRESS\MAP_DOCS\DRAFT\FIGURES\404PERMITAPPLICATION\MAP_BL_WHITMOREPARK_404PERMITSERIES_1.MXD - USER: TTZIOUMIS - DATE: 9/15/2020
**LEGEND**

- Geographic Control Point
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- Cut Slope
- Deep Cut Slope
- Fill Slope
- Potential Impacts
  - Perennial Stream
  - Ephemeral
  - Ditch/Canal

**DATA SOURCES:**
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

**COORDINATE SYSTEM:**
- Utah State Plane

1 inch = 250 Feet

**WHITMORE PARK ALTERNATIVE:**

2/12/2020

SEPTEMBER 2020
Ephemeral
0.02884 acres
Ephemeral
0.04117 acres
Ephemeral
0.08411 acres
Ephemeral
0.14458 acres
Ephemeral
0.00209 acres
Ephemeral
0.00112 acres
Ephemeral
0.00019 acres
Ephemeral
0.00316 acres
Ephemeral
0.00441 acres
Ephemeral
0.0844 acres
LEGEND

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- Fill Slope
- Potential Impacts
- Perennial Stream
- Ephemeral

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

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WHITMORE PARK ALTERNATIVE: 2/12/2020
LEGEND
- Geographic Control Point
- Map Extent (current view in yellow)
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- Fill Slope
- Potential Impacts
- Ephemeral
- Ditch/Canal

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020
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LEGEND

- Geographic Control Point
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- Existing UP/BNSF Railroad
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- Fill Slope
- Potential Impacts
- Ephemeral

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

1 inch = 250 Feet
LEGEND
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- Potential Impacts
- Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

1 inch = 250 Feet

WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020
LEGEND

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Track Siding
Bridge
Tunnel
Cut Slope
Deep Cut Slope
Fill Slope
Potential Impacts
Ephemeral

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

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WHITMORE PARK ALTERNATIVE: 2/12/2020
SEPTEMBER 2020

1 inch = 250 Feet

Page: 140 of 159
LEGEND
- Geographic Control Point
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- Ephemerl

DATA SOURCES:
HDR Engineering 2019
Utah Google Imagery
Basemap (2013-2015)

COORDINATE SYSTEM:
Utah State Plane

1 inch = 250 Feet

PATH: O:\PROJECTS\JONESDEMILLE\UINTARAIL\7.2_WORK_IN_PROGRESS\MAP_DOCS\DRAFT\FIGURES\404PERMITAPPLICATION\MAP_BL_WHITMOREPARK_404PERMITSERIES_1.MXD - USER: TTZIOUMIS - DATE: 9/15/2020

SEPTEMBER 2020

WHITMORE PARK ALTERNATIVE: 2/12/2020
End Uinta Basin Railway Connection to Terminal Facilities By Others

LEGEND
- Geographic Control Point
- Map Extent (current view in yellow)
- 1.0 Milepost (Main Track)
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  - Deep Cut Slope
  - Fill Slope
  - Potential Impacts

DATA SOURCES:
- HDR Engineering 2019
- Utah Google Imagery
- Basemap (2013-2015)

COORDINATE SYSTEM:
- Utah State Plane

Page: 159 of 159