Appendix I
Visual Resources

Figures

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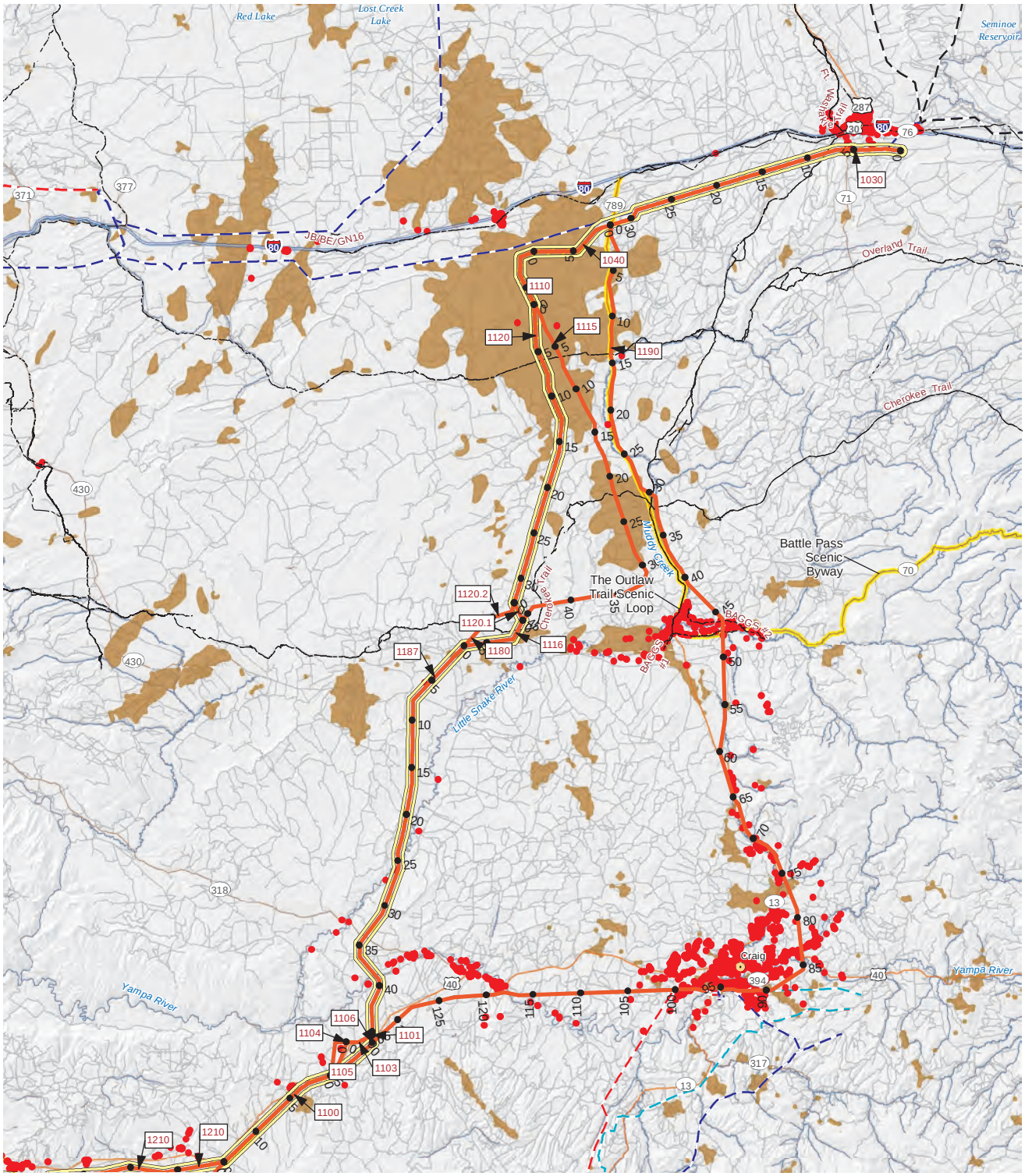

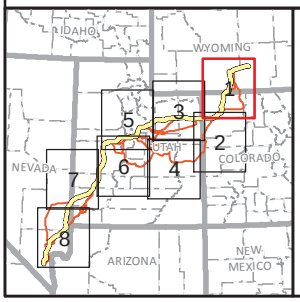

- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- 115-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 1 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western Area Power Administration

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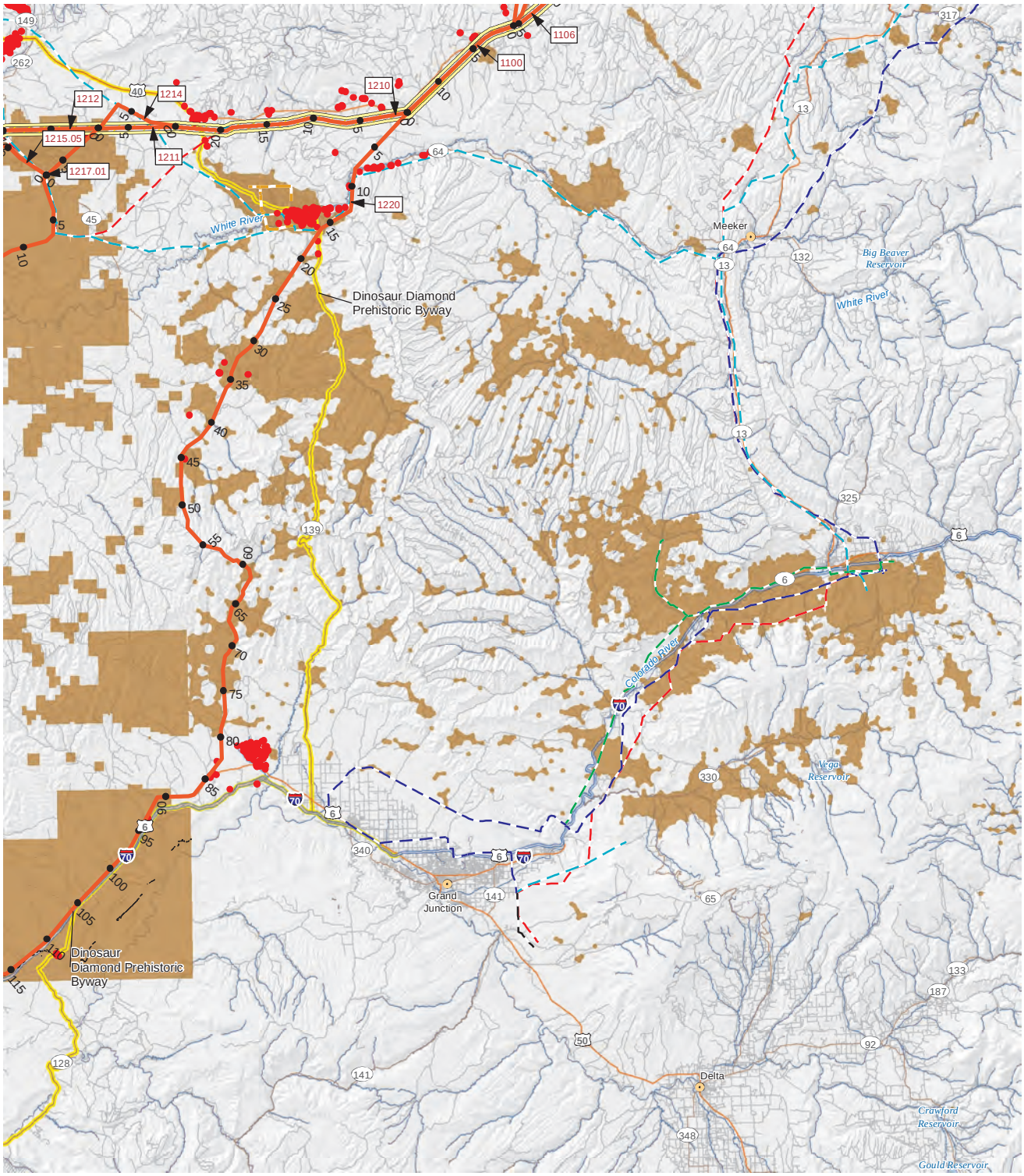

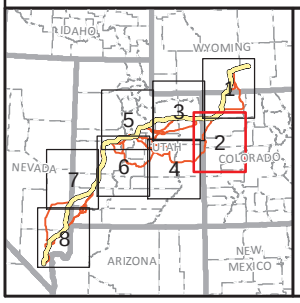

- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

- 500-kV
- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- 115-kV
- Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 2 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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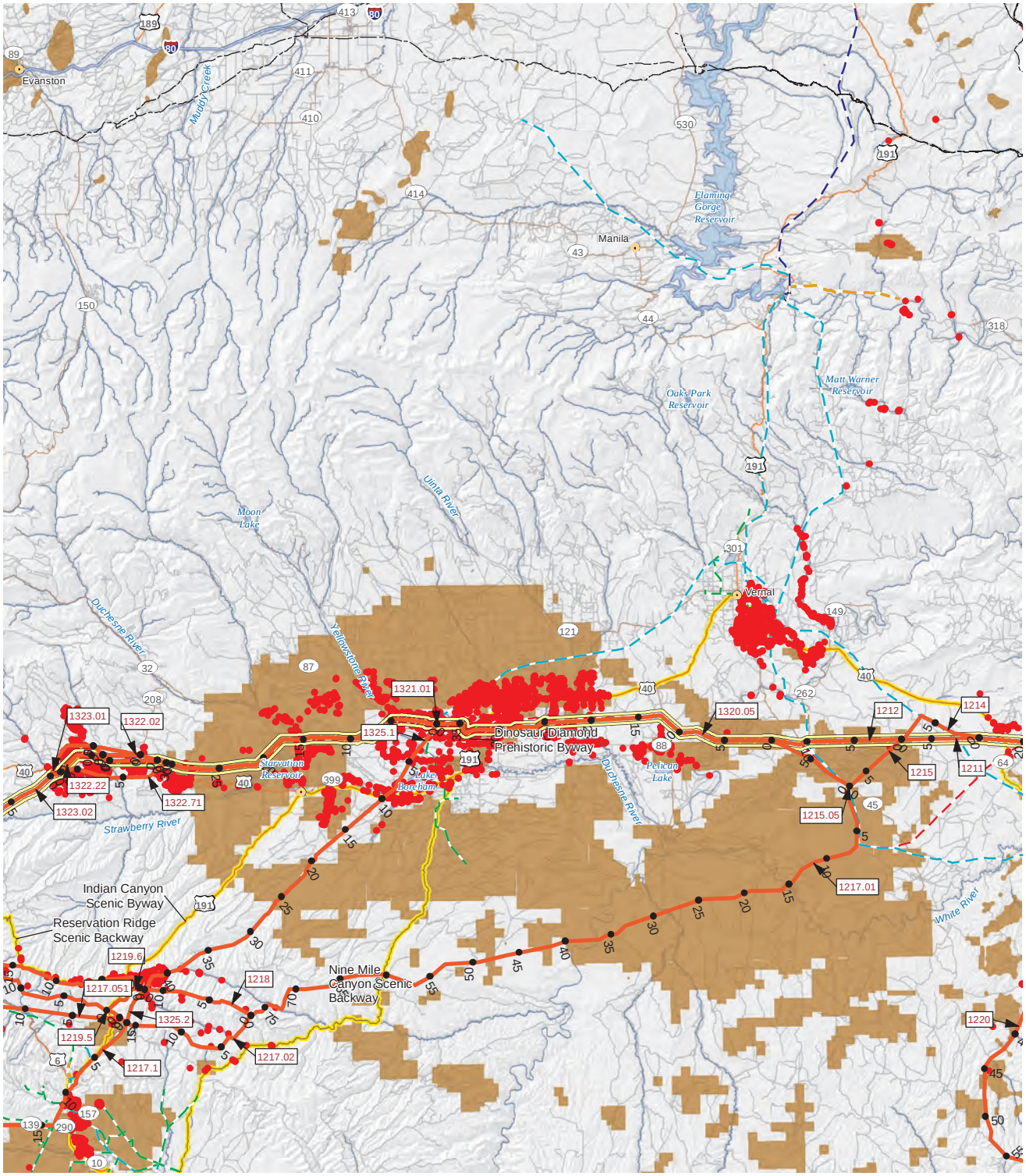

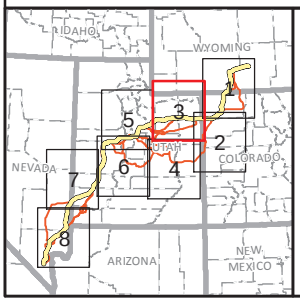

- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

- 500-kV
- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- 115-kV
- Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 3 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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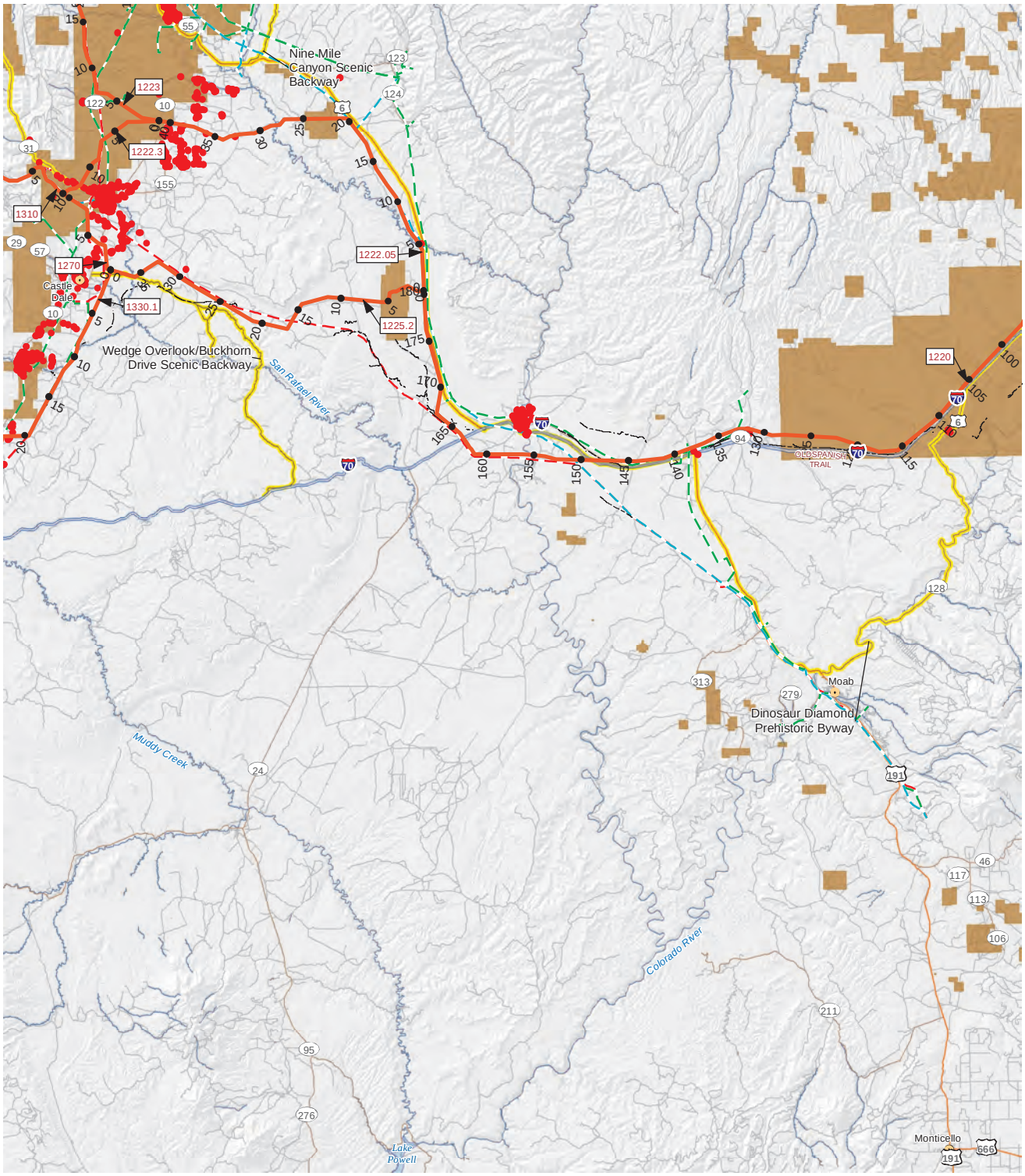

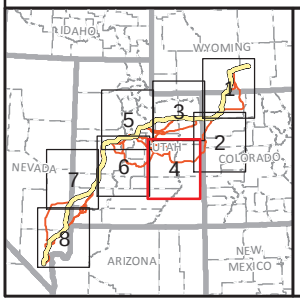

- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line
- 345-kV
- 138- to 161-kV
- Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 4 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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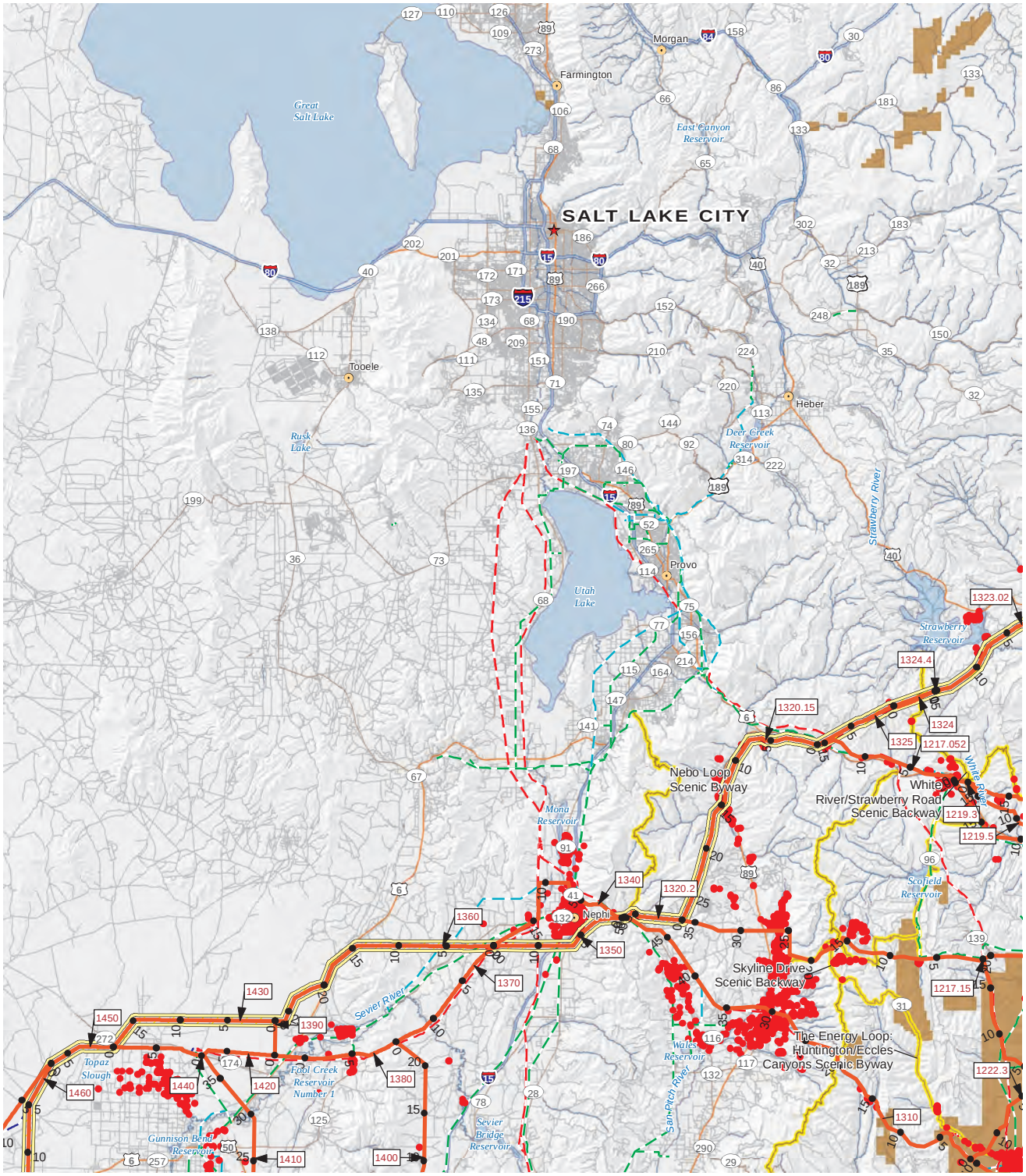

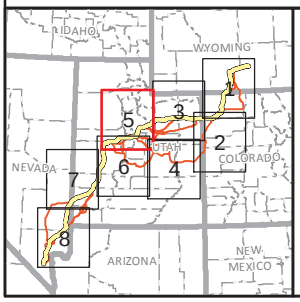

- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

- 500-kV +/- DC
- 500-kV
- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 5 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000

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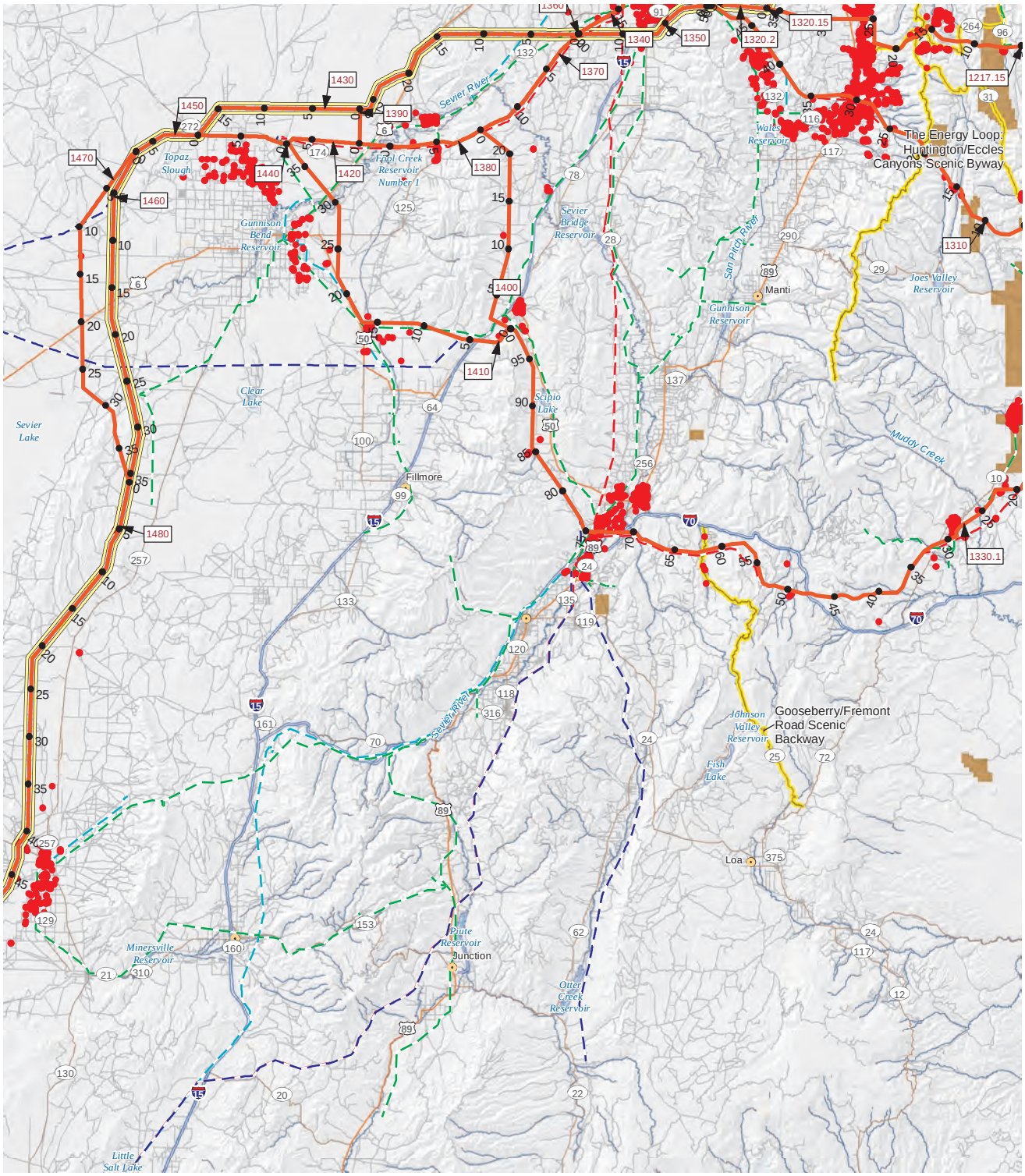

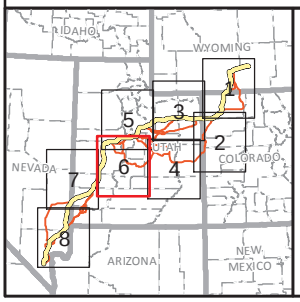

- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

- 500-kV +/- DC
- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 6 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western Area Power Administration

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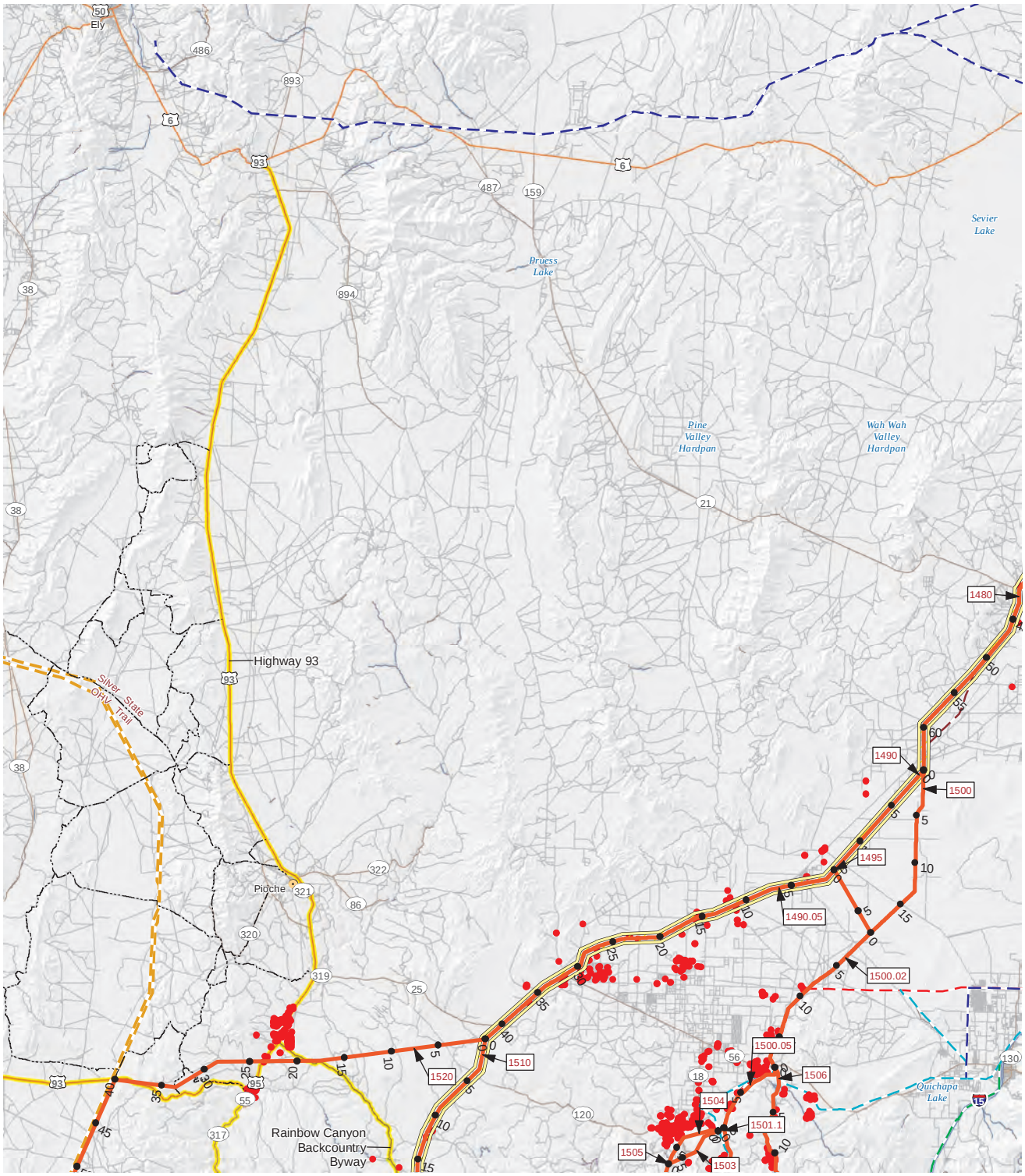
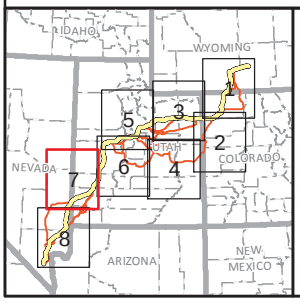




- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

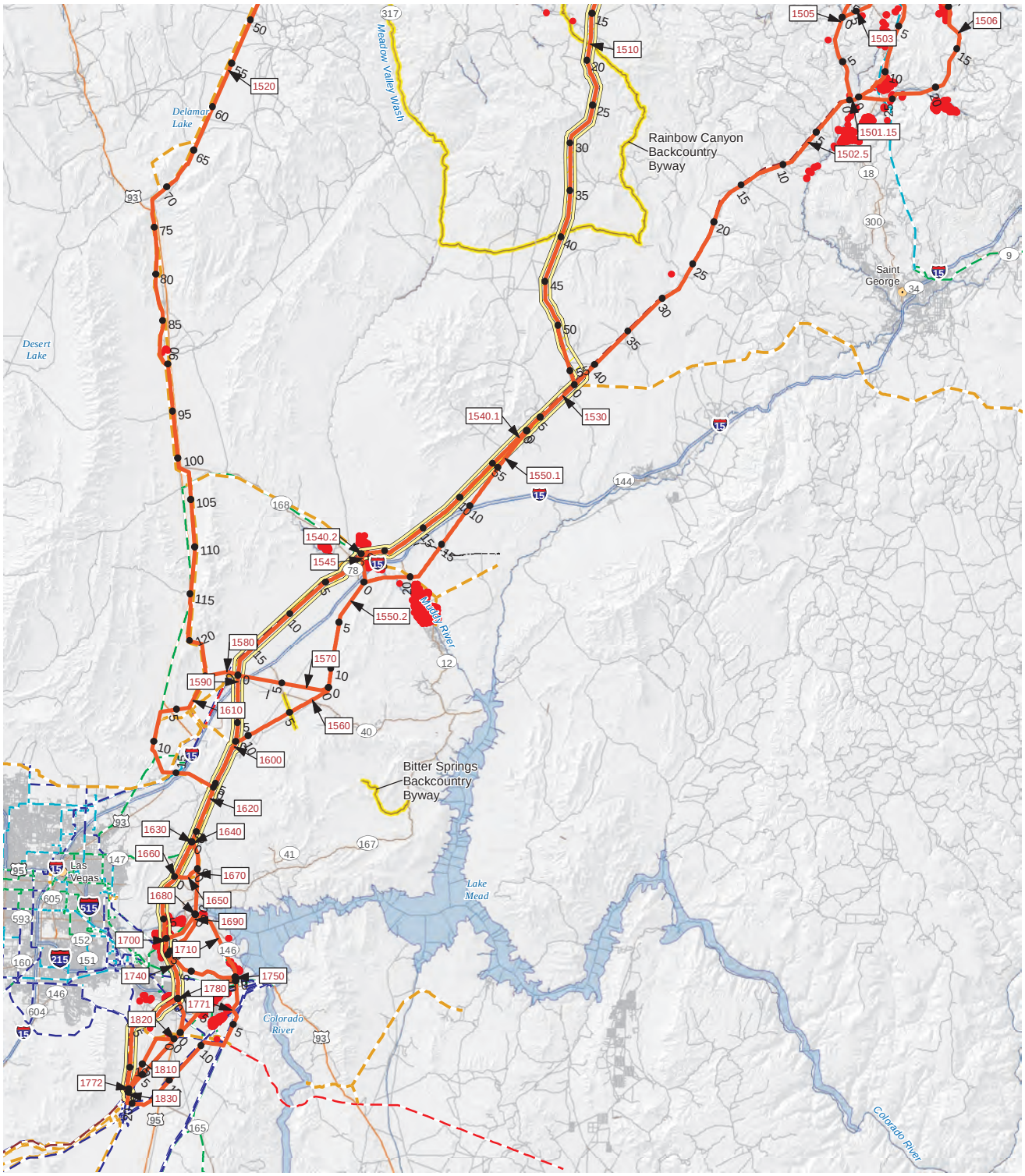
- 500-kV +/- DC
- 500-kV
- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- Below 100-kV

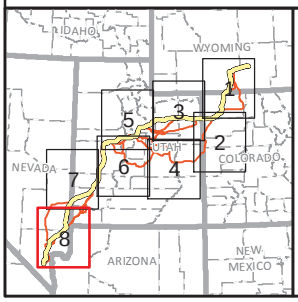
TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 7 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

K:\Projects_4\TransWestExpress\12907_003_Transwest_Express\Figures\DocumentFigures\2014_PFEIS_v2\Visual\Appendix\Fig_I_10_Develp_NatSetting_1M.mxd





- Structure
- State Capital
- Town
- Reference Line 2/04/2014
- Road
- Agency Preferred Alternative
- Scenic Byways/Backways
- Oil and Gas Field

Existing Transmission Line

- 500-kV +/- DC
- 500-kV
- 345-kV
- 230- to 287-kV
- 138- to 161-kV
- Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-10
Developed and Natural Settings
Map 8 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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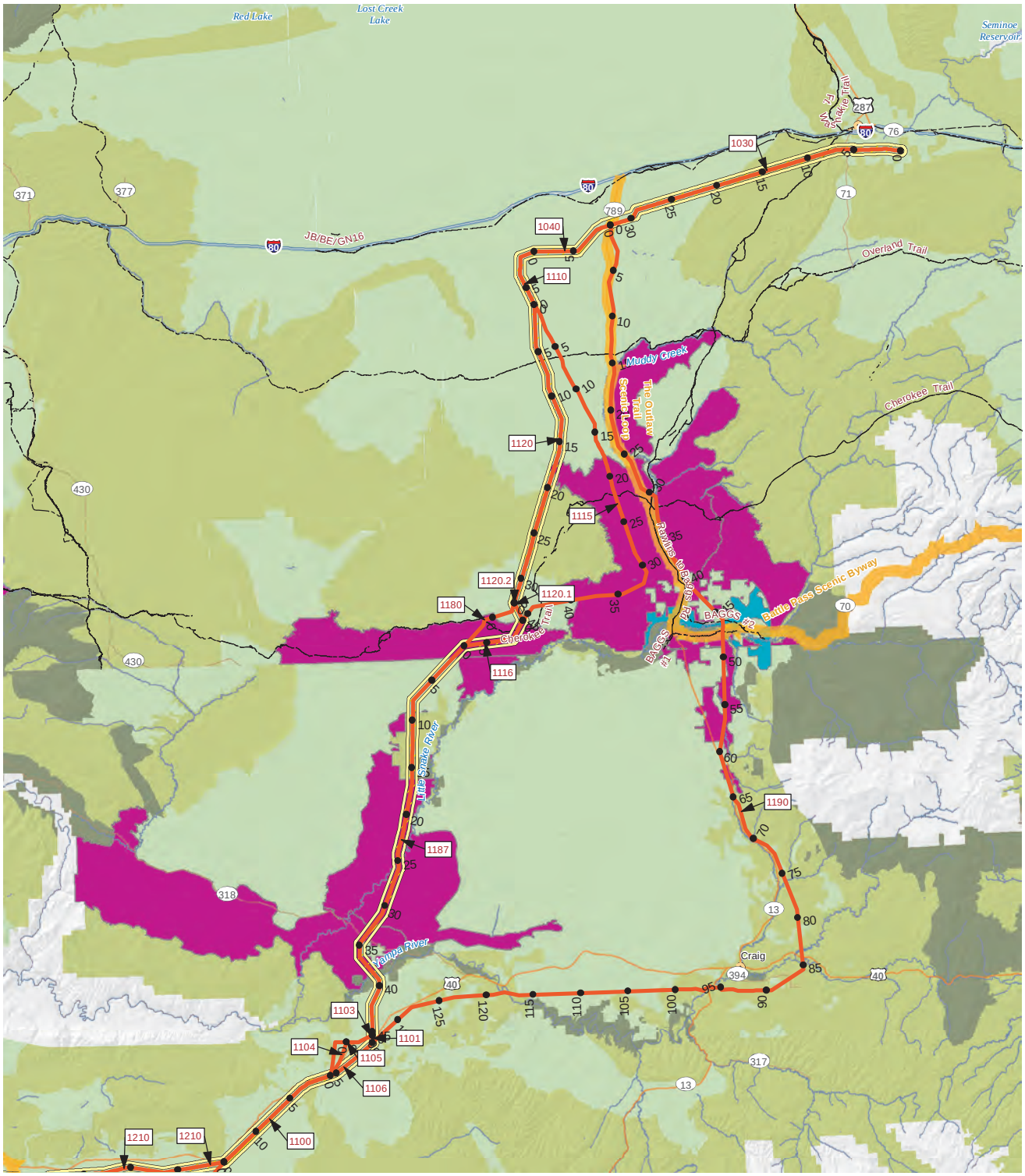

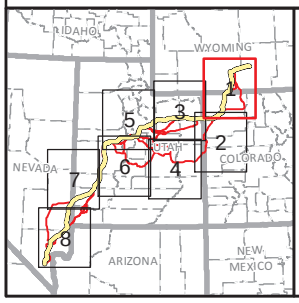

- State Capital
- Town
- Road
- Trail
- Historic Trail
- Reference Line
- Scenic Byway & Backway
- Agency Preferred Alternative

Scenic Quality Class Code Change

- A to B
- B to C

Scenic Quality Code

- A
- B
- C
- N

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 1 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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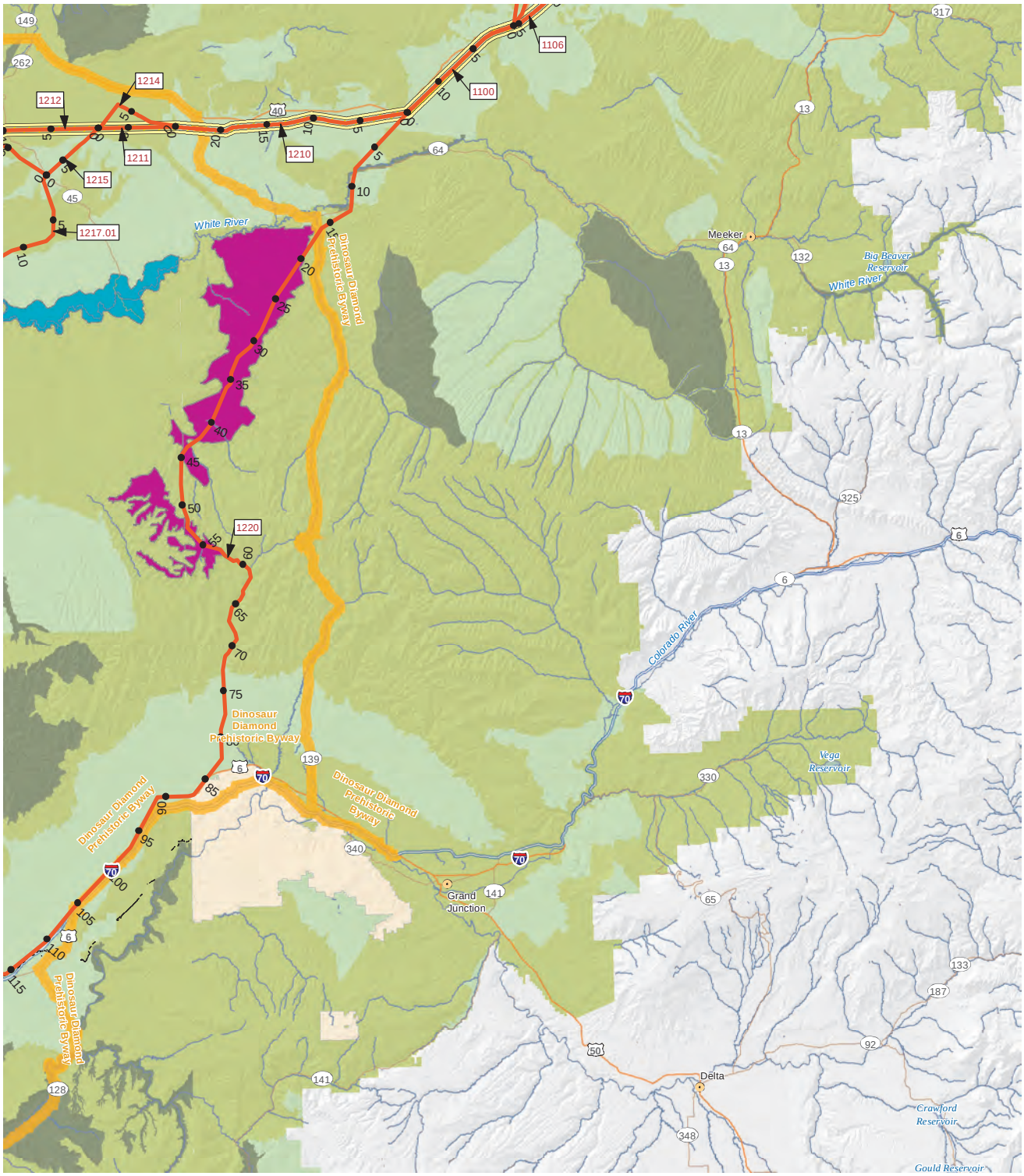

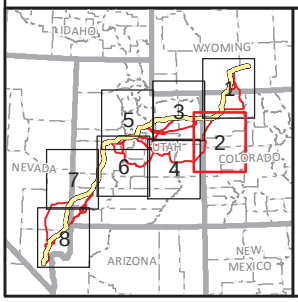

State Capital
Town
Road
Trail
Historic Trail
Reference Line
Scenic Byway & Backway
Agency Preferred Alternative

Scenic Quality Class Code Change
A to B
B to C

Scenic Quality Code
A
B
C
N

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 2 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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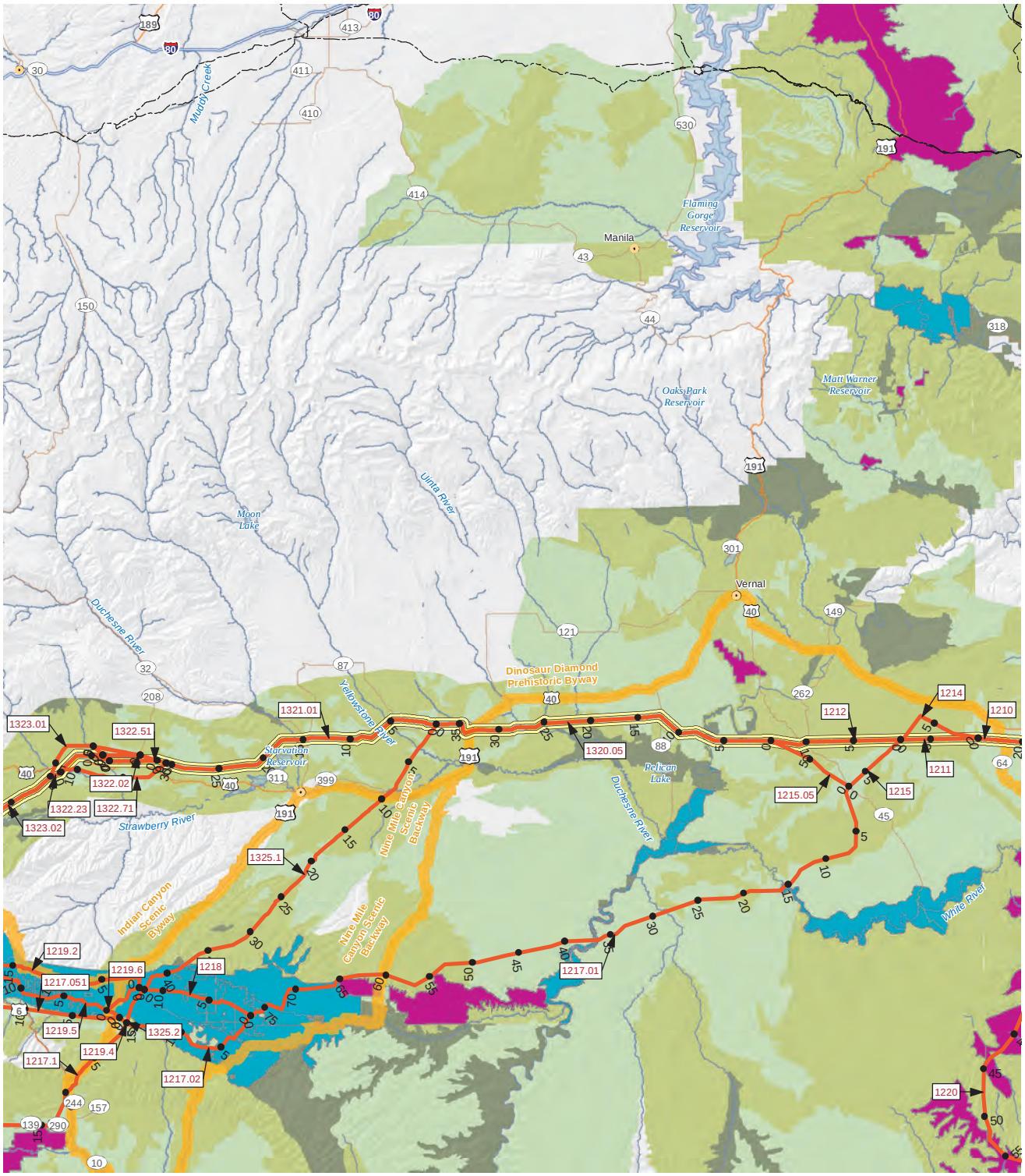

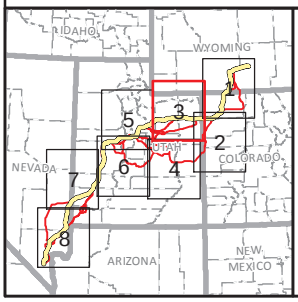

State Capital
Town
Road
Trail
Historic Trail
Reference Line
Scenic Byway & Backway
Agency Preferred Alternative

Scenic Quality Class Code Change
A to B
B to C

Scenic Quality Code
A
B
C
N

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 3 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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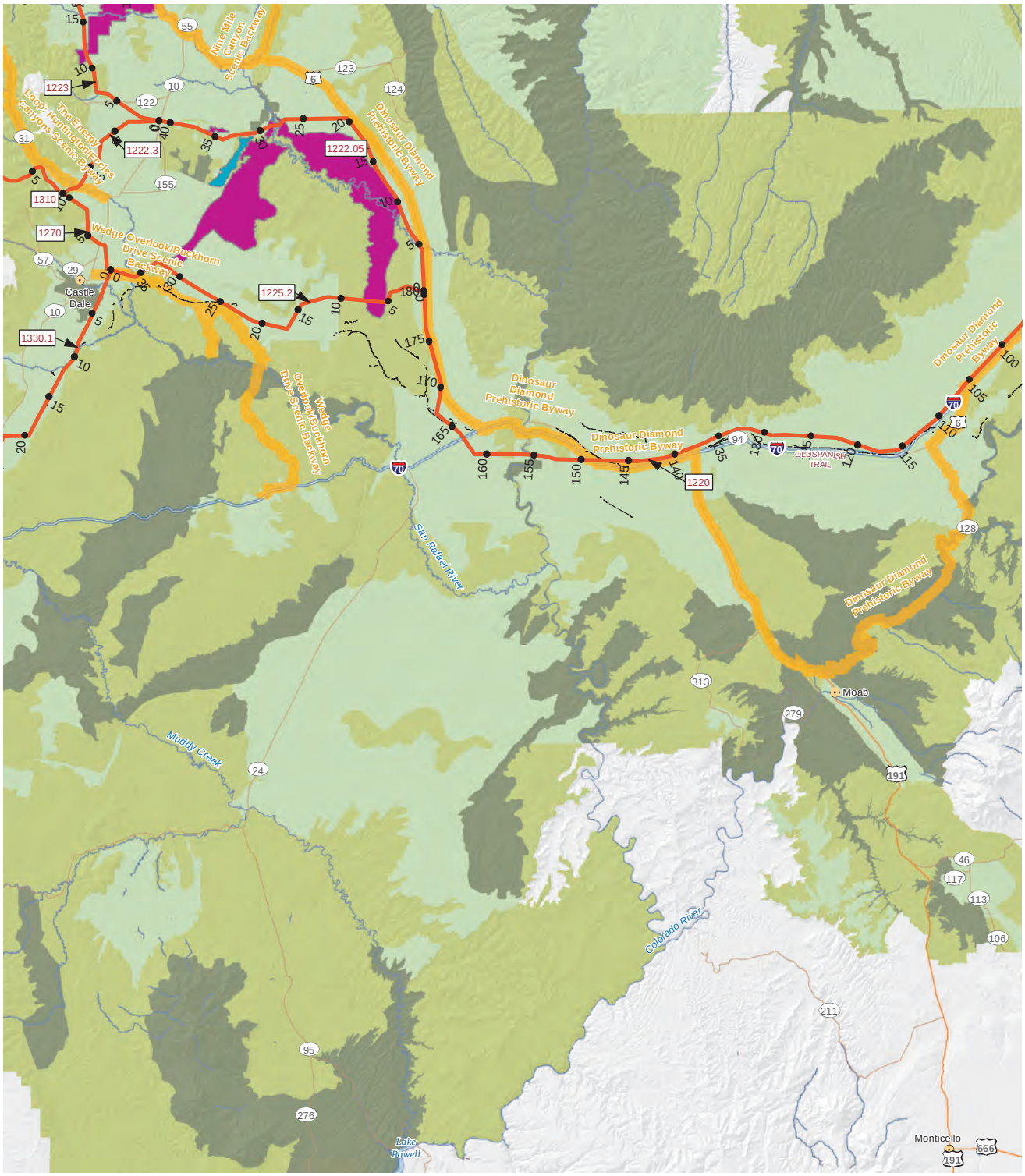

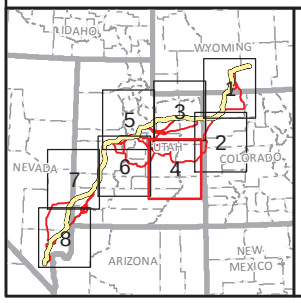

State Capital
Town
Road
Trail
Historic Trail
Reference Line
Scenic Byway & Backway
Agency Preferred Alternative

Scenic Quality Class Code Change
A to B
B to C

Scenic Quality Code
A
B
C
N

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 4 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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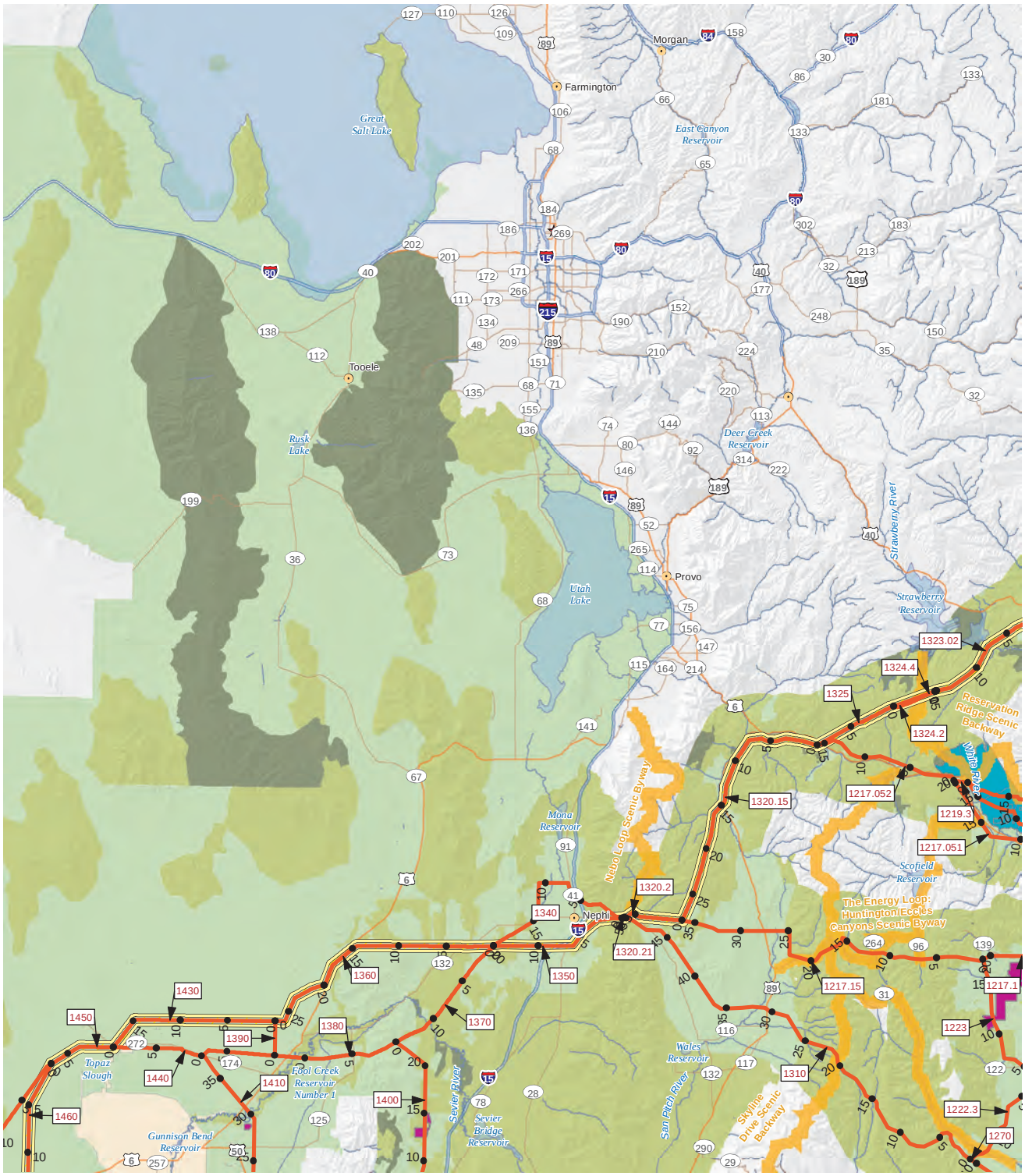

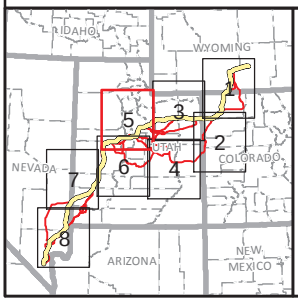

- State Capital
- Town
- Road
- Trail
- Historic Trail
- Reference Line
- Scenic Byway & Backway
- Agency Preferred Alternative

Scenic Quality Class Code Change
- A to B
- B to C

Scenic Quality Code
- A
- B
- C
- N

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 5 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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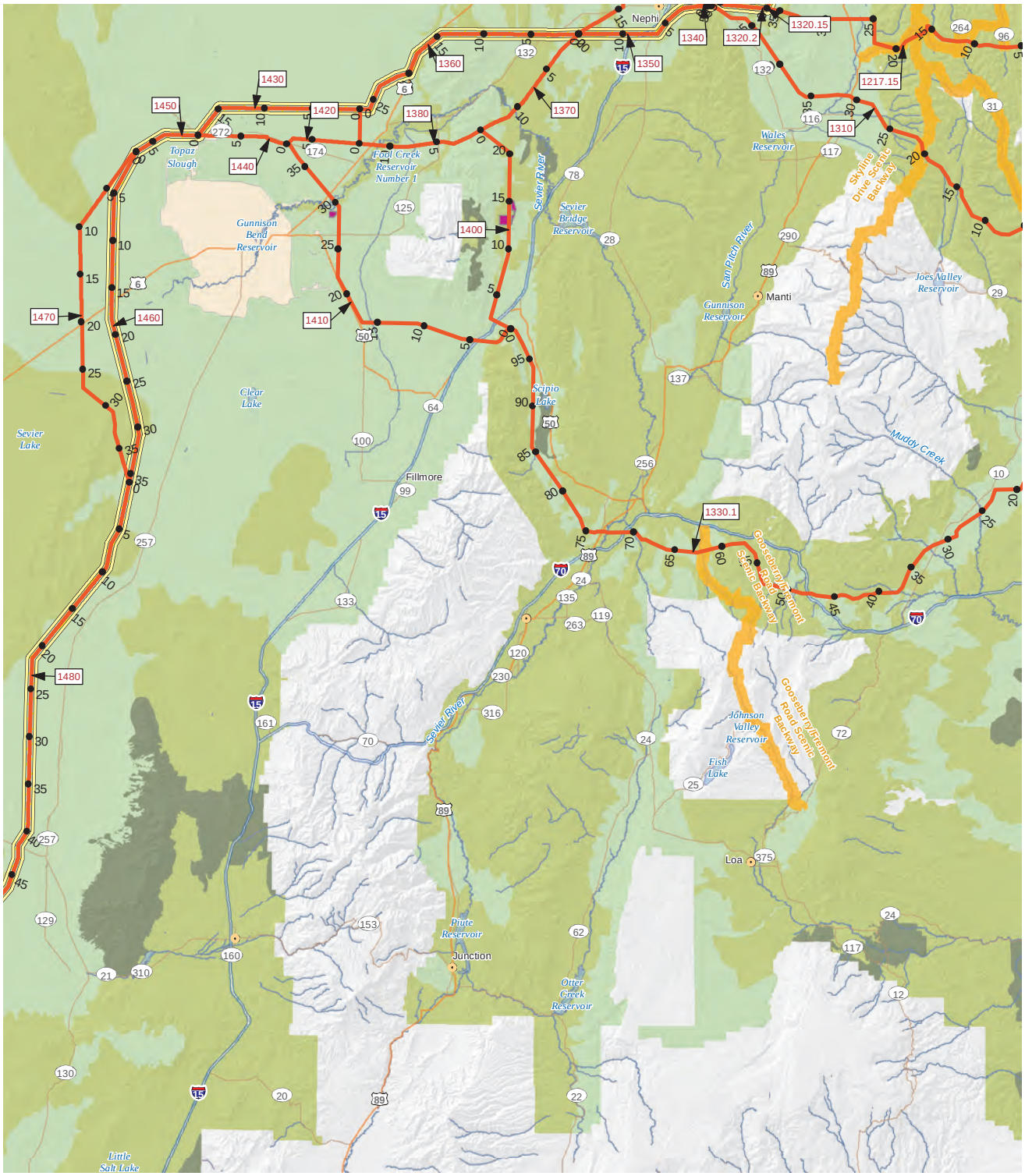
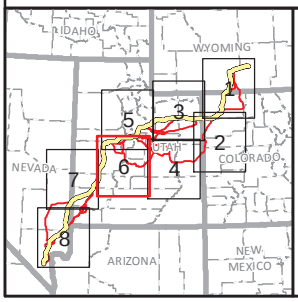




State Capital
Town
Road
Trail
Historic Trail
Reference Line
Scenic Byway & Backway
Agency Preferred Alternative

Scenic Quality Class Code Change
A to B
B to C

Scenic Quality Code
A
B
C
N

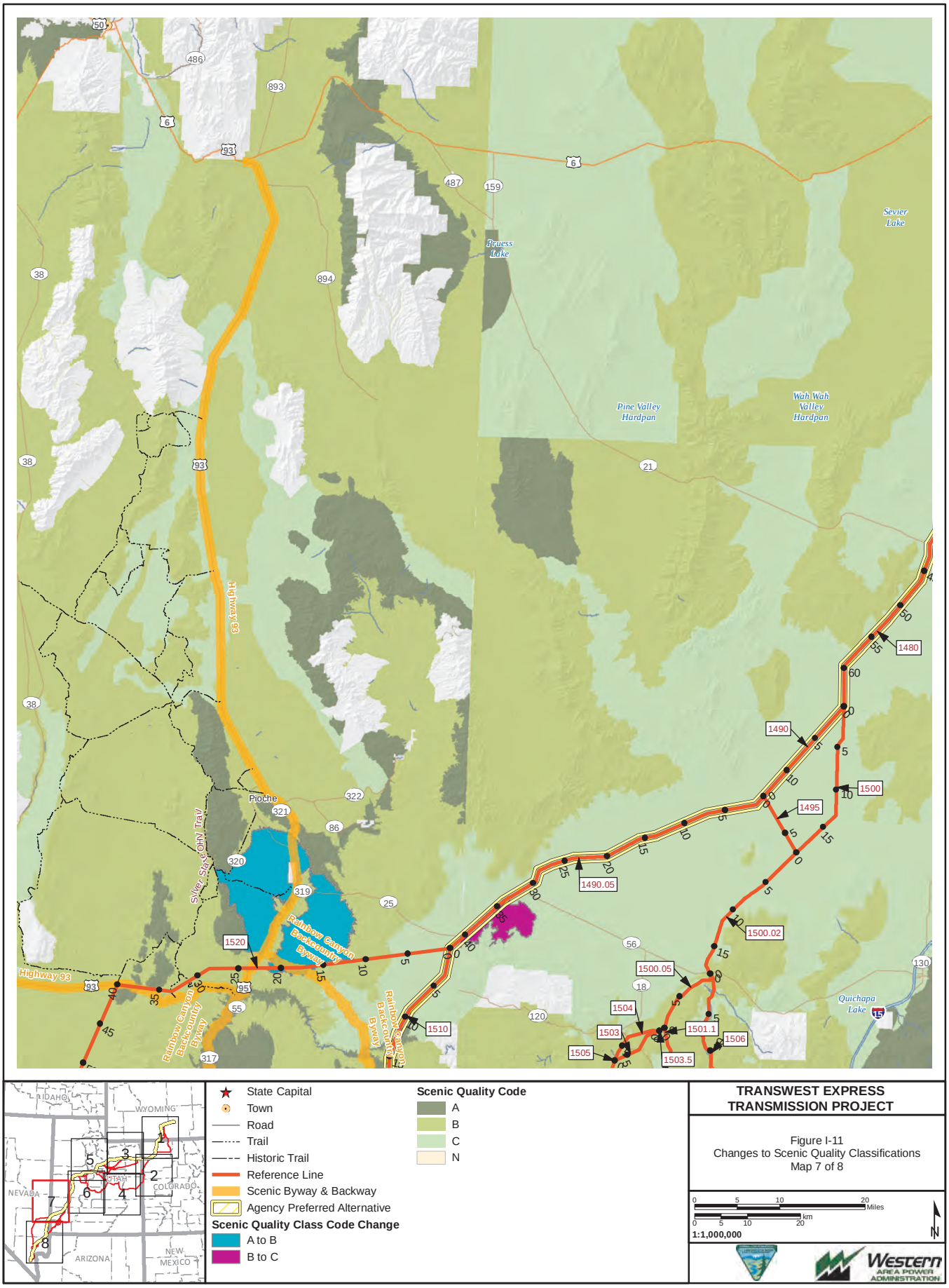
TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 6 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

K:\Projects_4\TransWestExpress\12907_003_Transwest_Express\Figures\DocumentFigures\2014_PFEIS_v2\Visual\Appendix\Fig_I_11_SQRU_ClassChange1M.mxd



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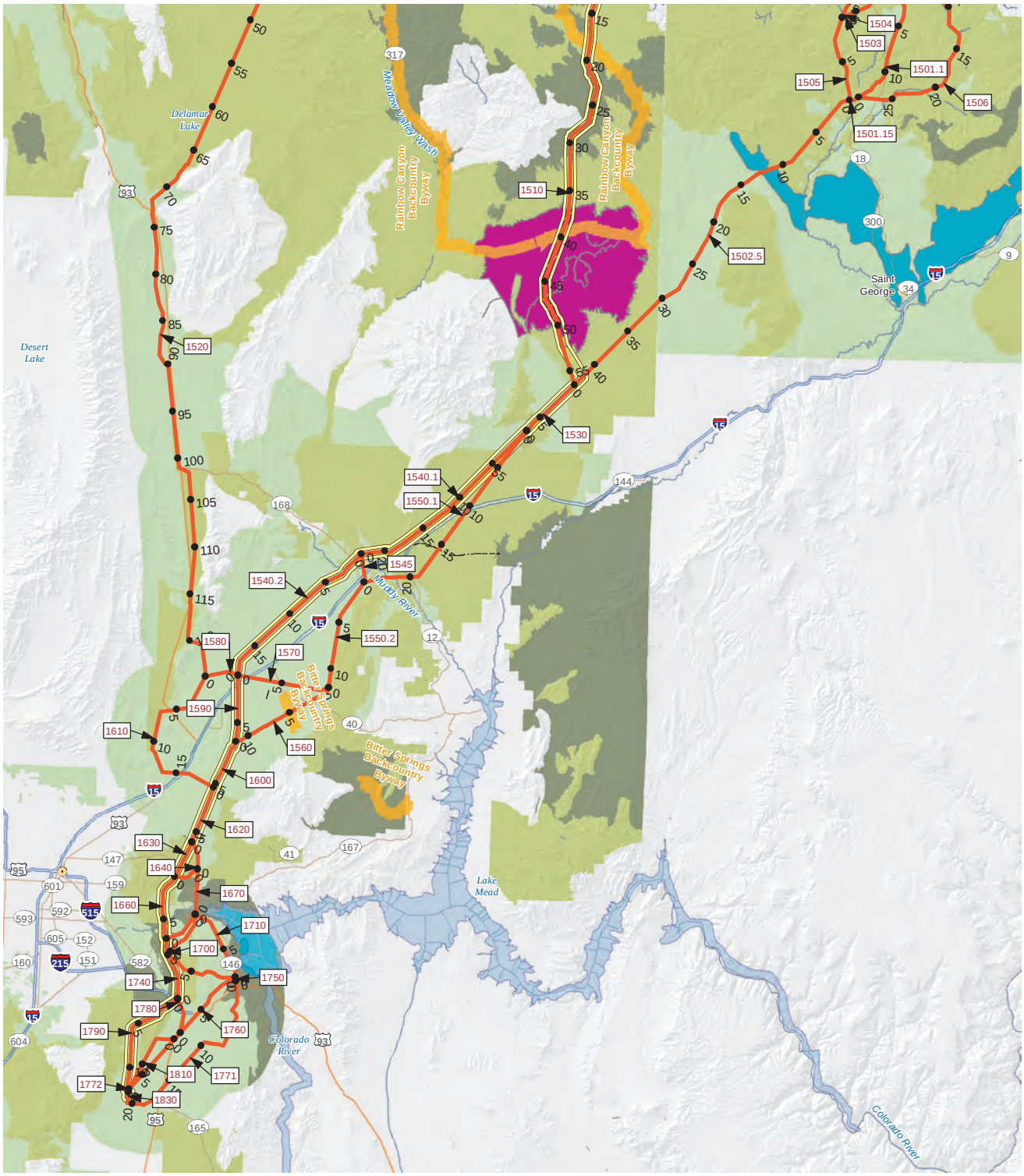

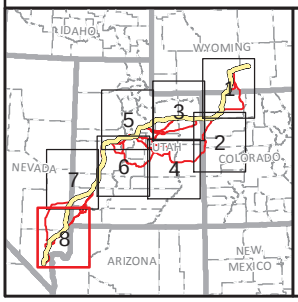

State Capital
Town
Road
Trail
Historic Trail
Reference Line
Scenic Byway & Backway
Agency Preferred Alternative

Scenic Quality Class Code Change
A to B
B to C

Scenic Quality Code
A
B
C
N

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-11
Changes to Scenic Quality Classifications
Map 8 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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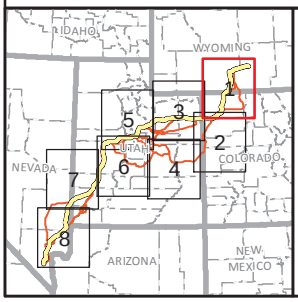

- Key Observation Point - Stationary and Linear
- Level 3 Mitigation
- Agency Preferred
- Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
- BLM Class A and ROS & KOP Viewsheds
- Waterbody
- Named Streams and Rivers

Jurisdiction

- Bureau of Land Management
- U.S. Forest Service

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 1 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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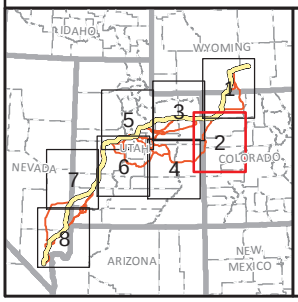


- Key Observation Point - Stationary and Linear
- Level 3 Mitigation
- Agency Preferred
- Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
- BLM Class A and ROS & KOP Viewsheds
- Waterbody
- Named Streams and Rivers

Jurisdiction

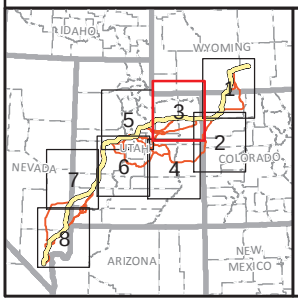
- Bureau of Land Management
- U.S. Forest Service

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 2 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

K:\Projects_4\TransWestExpress\12907_003_Transwest_Express\Figures\DocumentFigures\2014_PFEIS_v2\Visual\Appendix\Fig_I_12_Level3Mitigation.mxd



- Key Observation Point - Stationary and Linear
- Level 3 Mitigation
- Agency Preferred
- Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
- BLM Class A and ROS & KOP Viewsheds
- Waterbody
- Named Streams and Rivers

Jurisdiction

- Bureau of Land Management
- U.S. Forest Service

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 3 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western Area Power Administration

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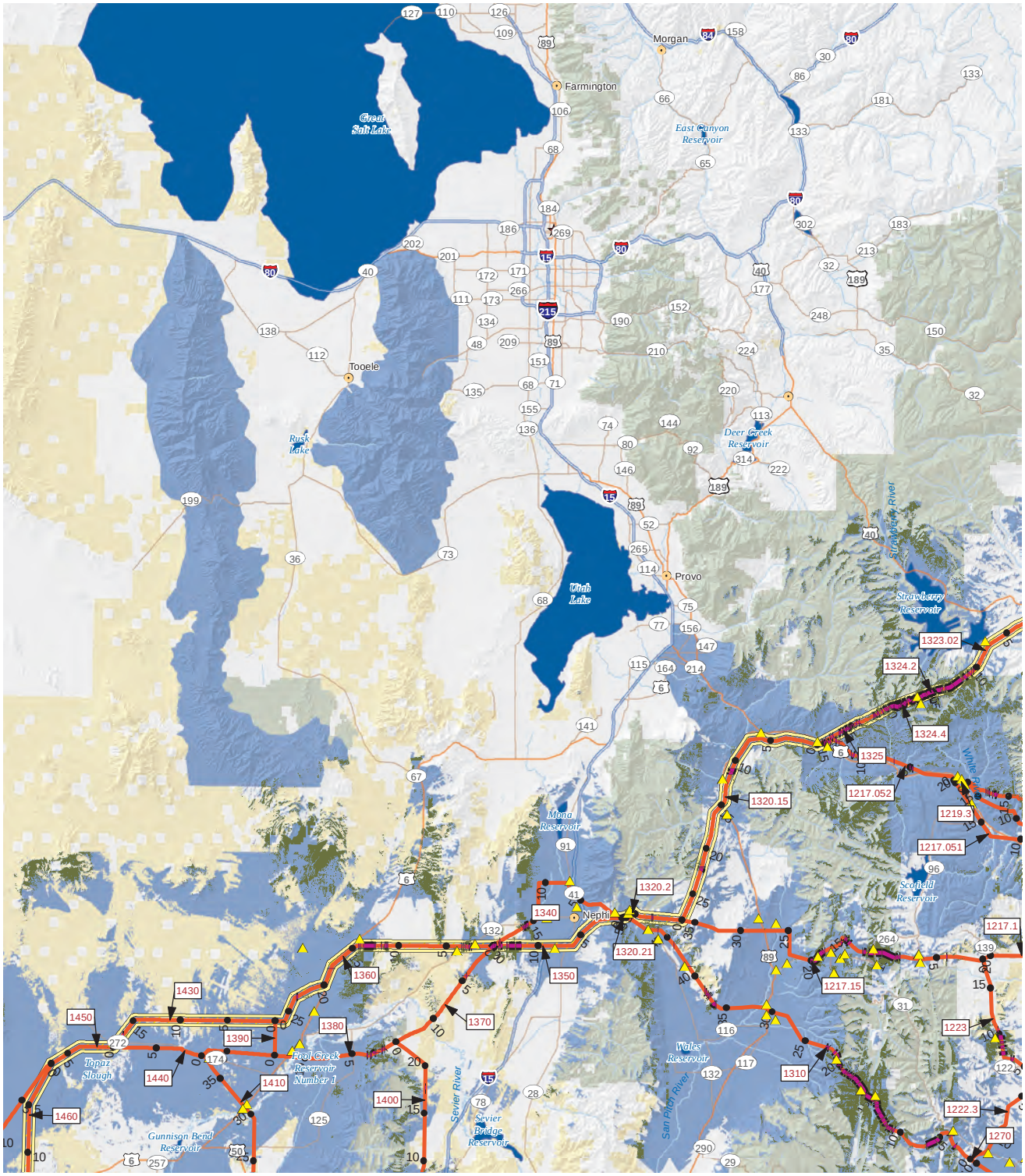

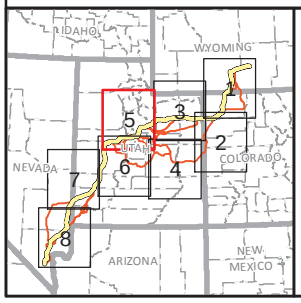

- Key Observation Point - Stationary and Linear
- Level 3 Mitigation
- Agency Preferred
- Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
- BLM Class A and ROS & KOP Viewsheds
- Waterbody
- Named Streams and Rivers

Jurisdiction

- Bureau of Land Management
- U.S. Forest Service

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 5 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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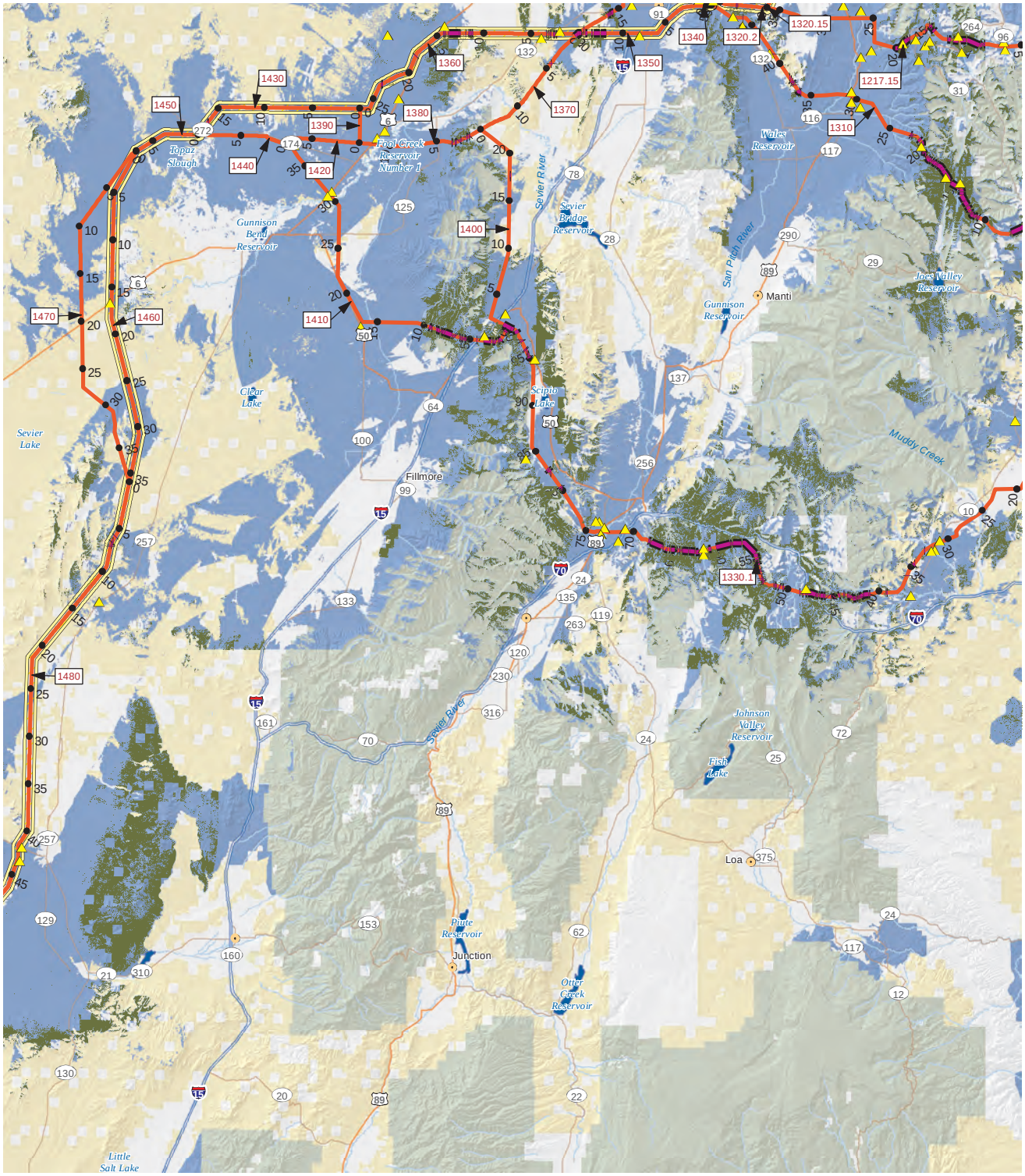

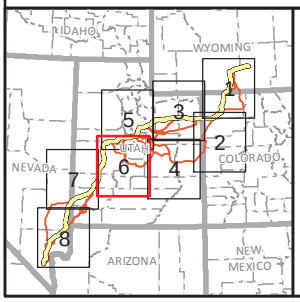

- Key Observation Point - Stationary and Linear
- Level 3 Mitigation
- Agency Preferred
- Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
- BLM Class A and ROS & KOP Viewsheds
- Waterbody
- Named Streams and Rivers

Jurisdiction

- Bureau of Land Management
- U.S. Forest Service

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 6 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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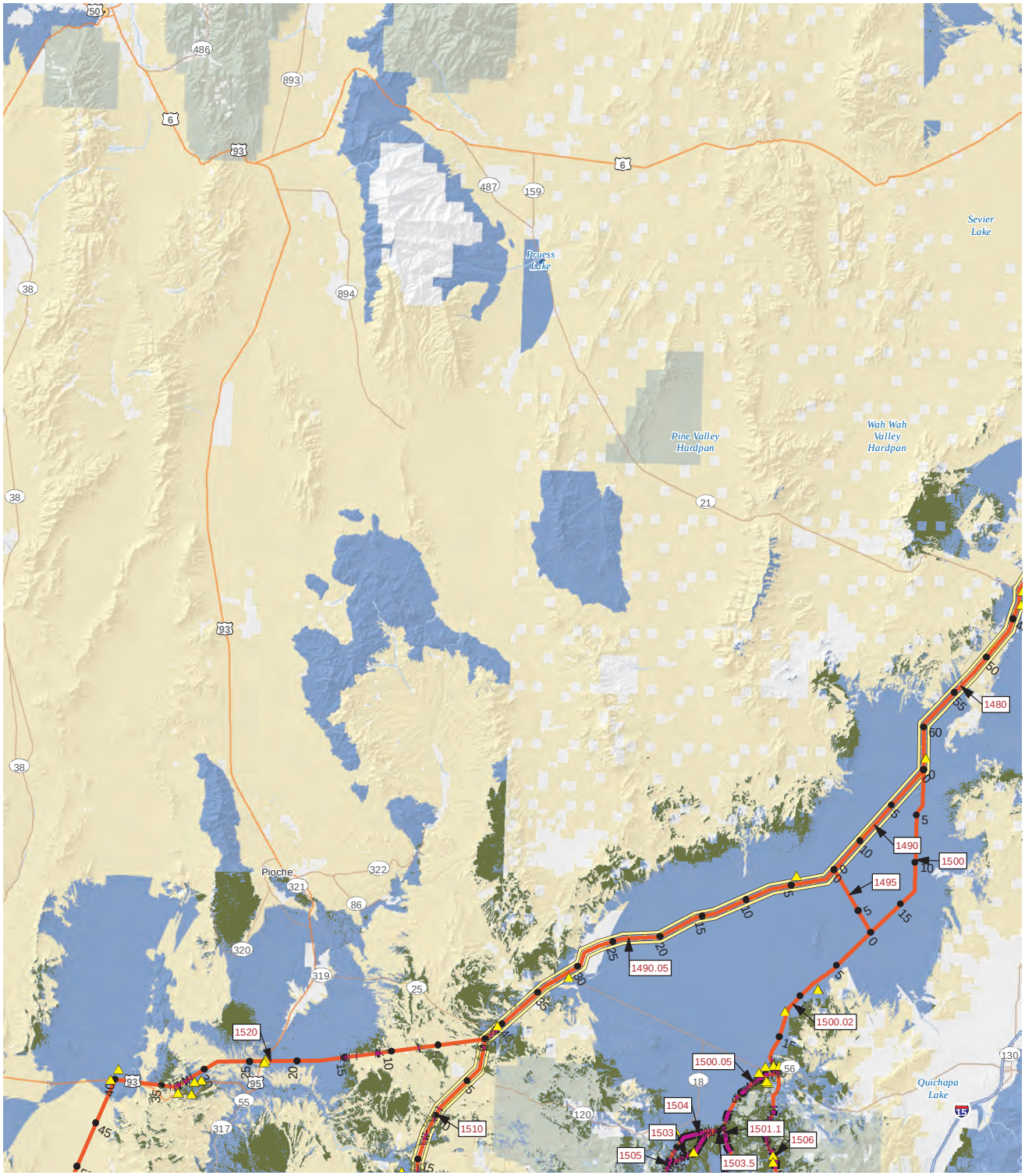

Key Observation Point - Stationary and Linear
Level 3 Mitigation
Agency Preferred
Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
BLM Class A and ROS & KOP Viewsheds
Waterbody
Named Streams and Rivers

Jurisdiction

Bureau of Land Management
U.S. Forest Service

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 7 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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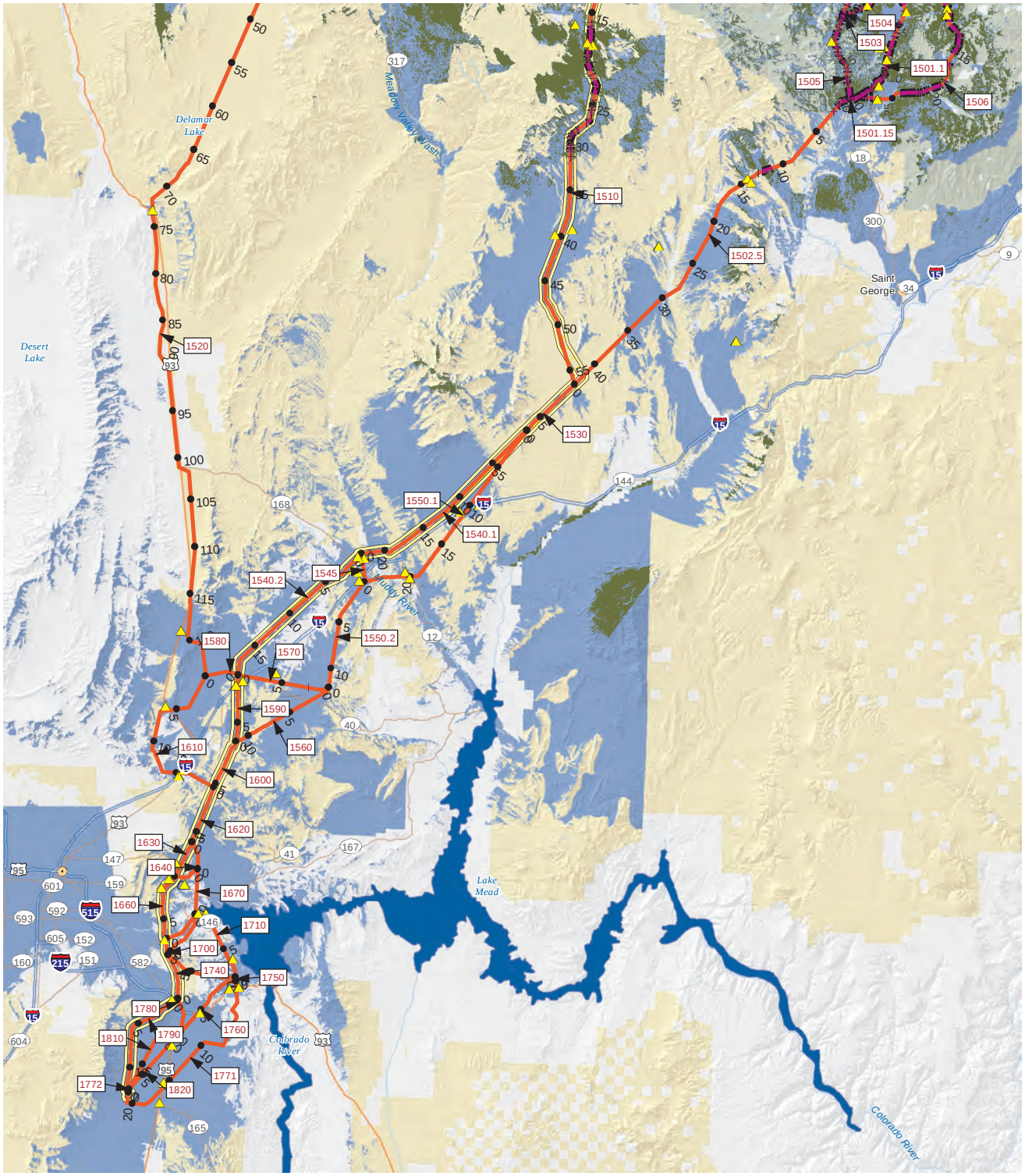

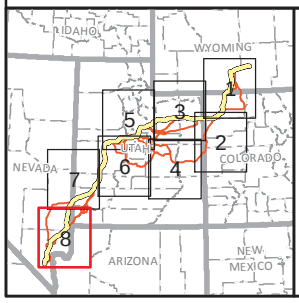

- Key Observation Point - Stationary and Linear
- Level 3 Mitigation
- Agency Preferred
- Forested Areas on BLM and USFS Lands Visible from KOPs and ROS
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TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-12
Level 3 Mitigation Segments
Map 8 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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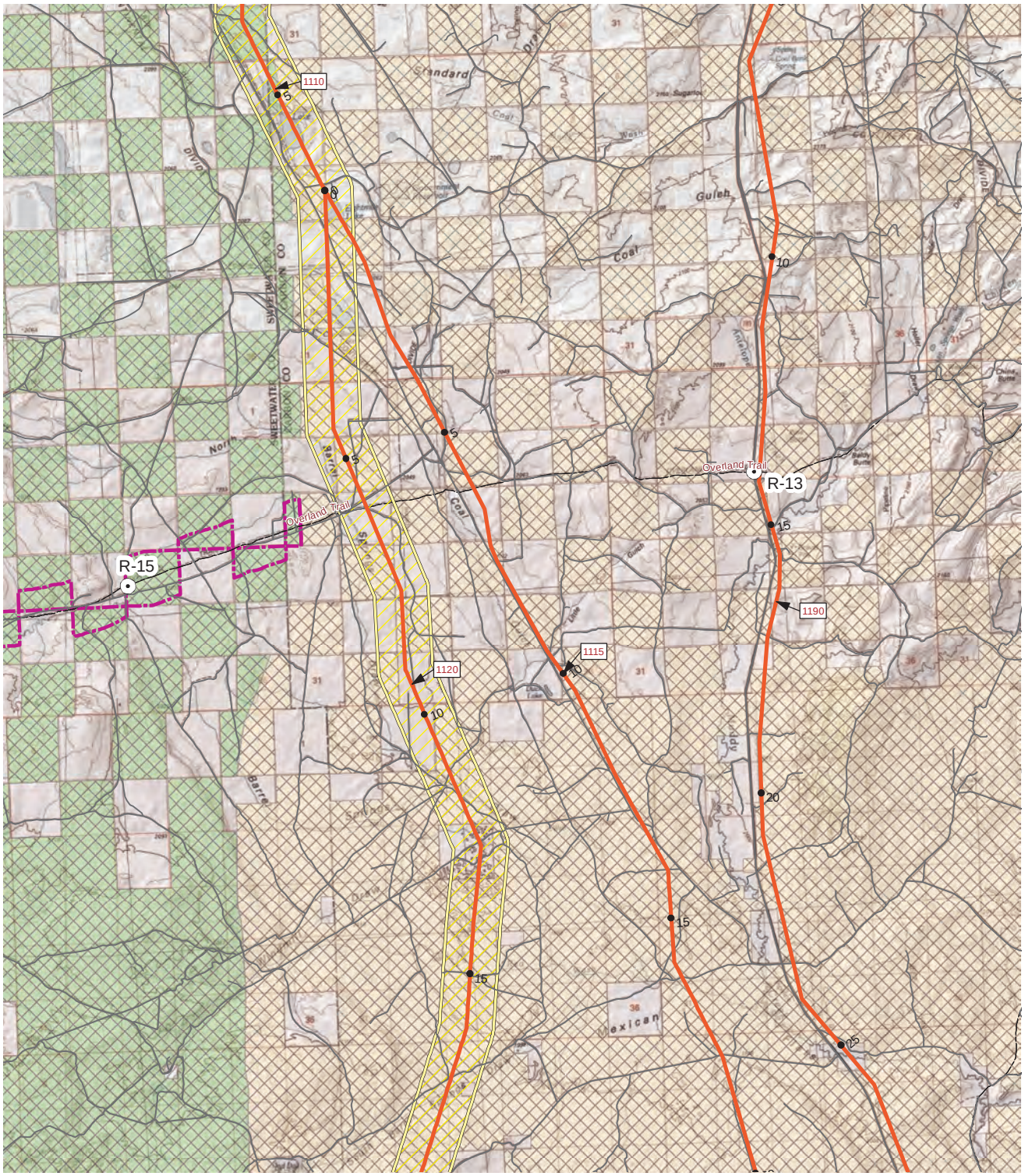

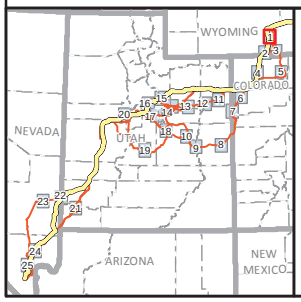

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 1 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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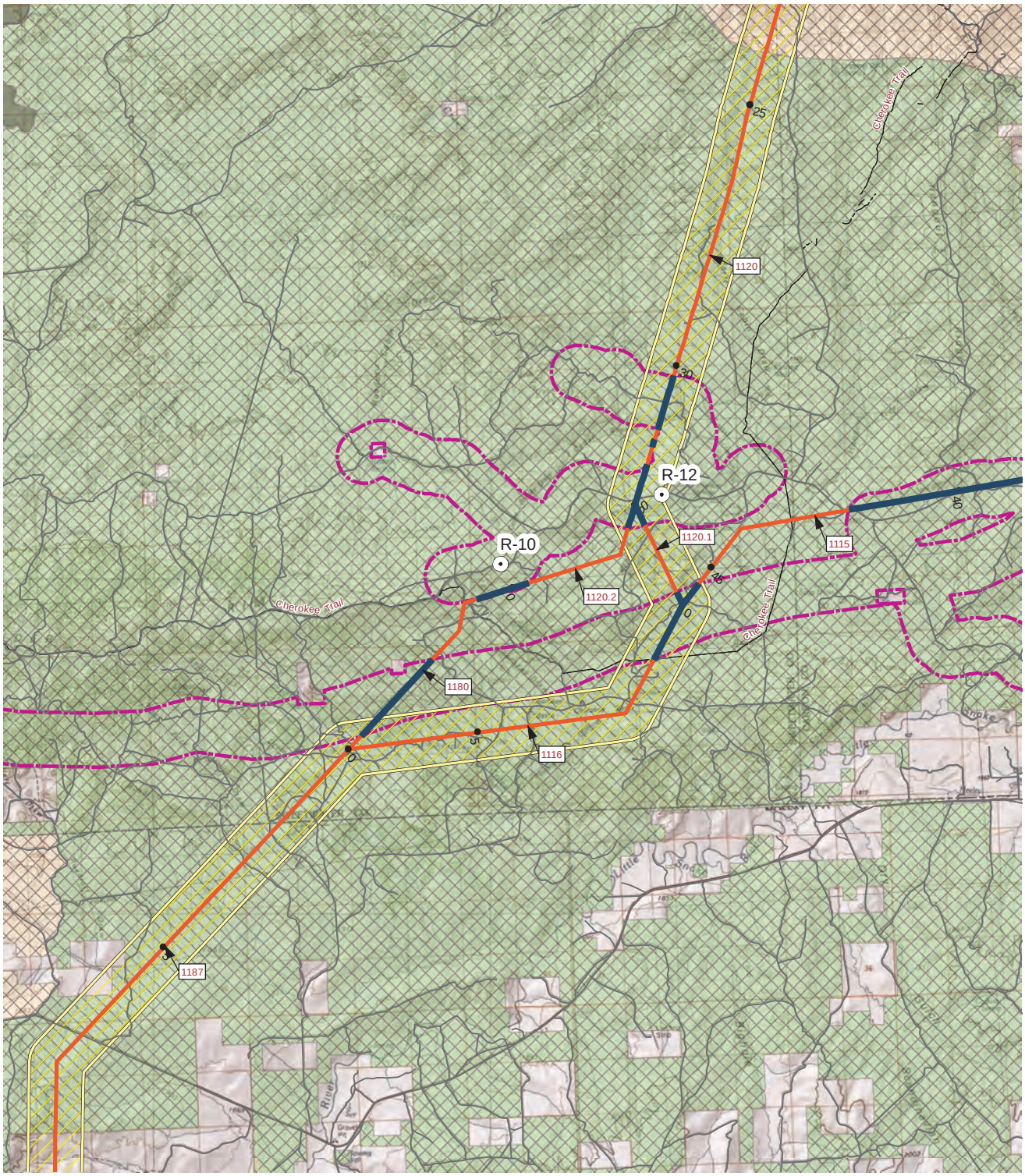

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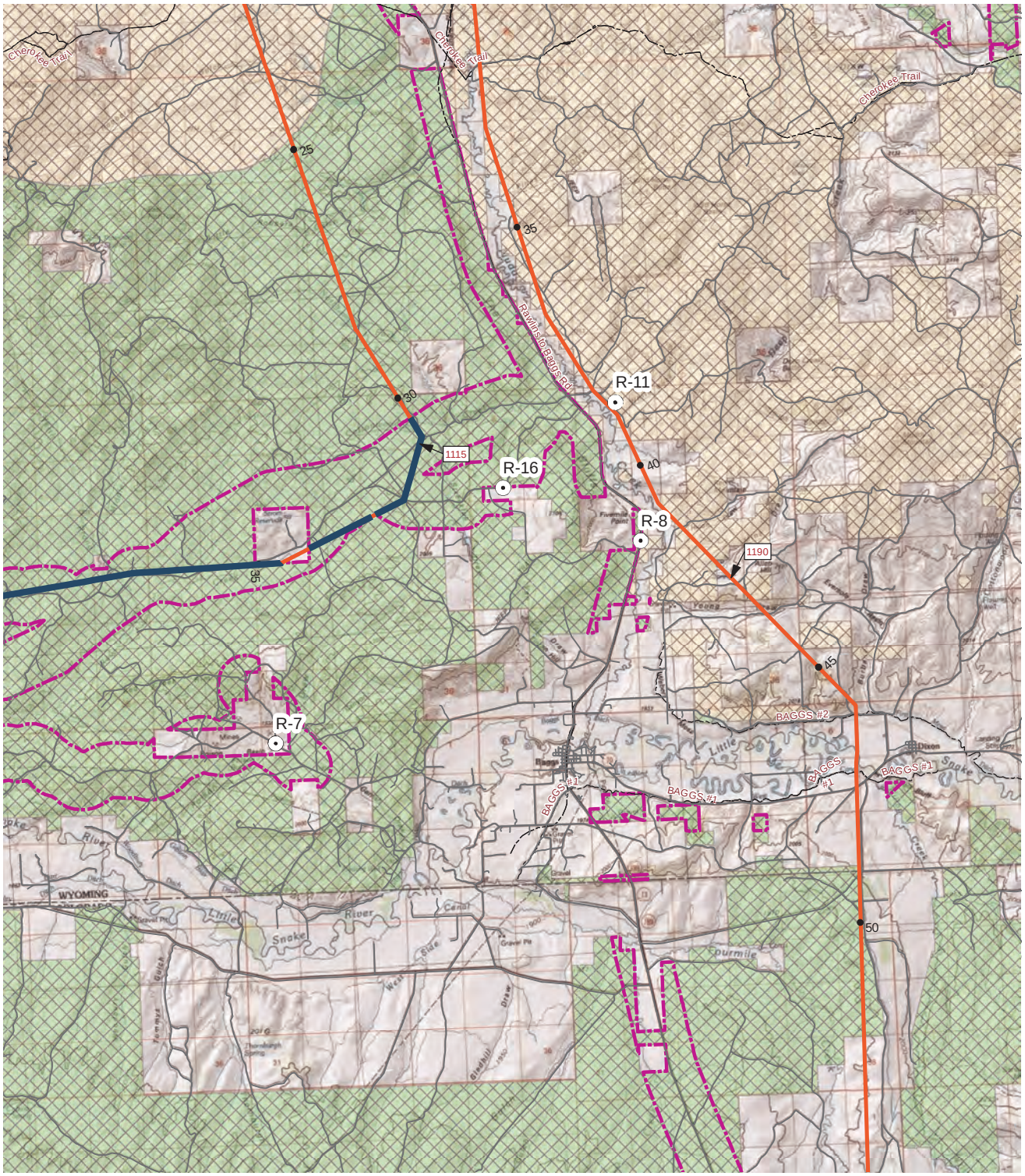

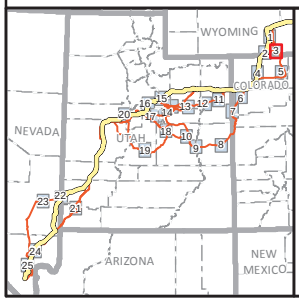

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 3 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

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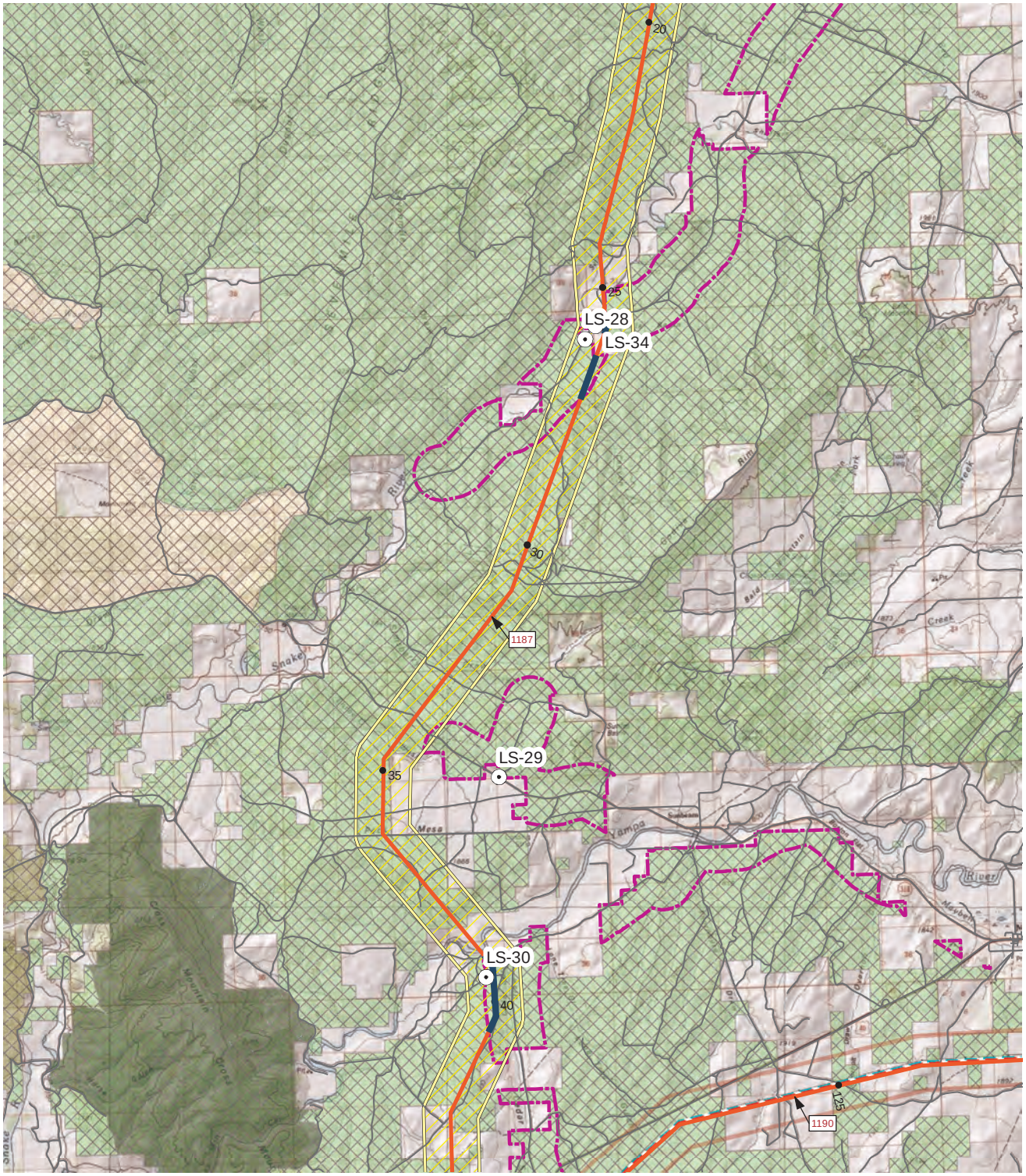

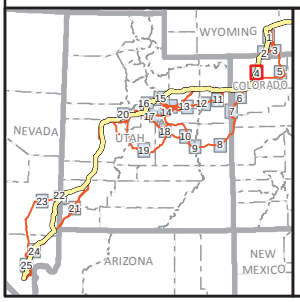

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 4 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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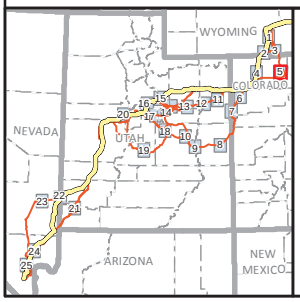

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 5 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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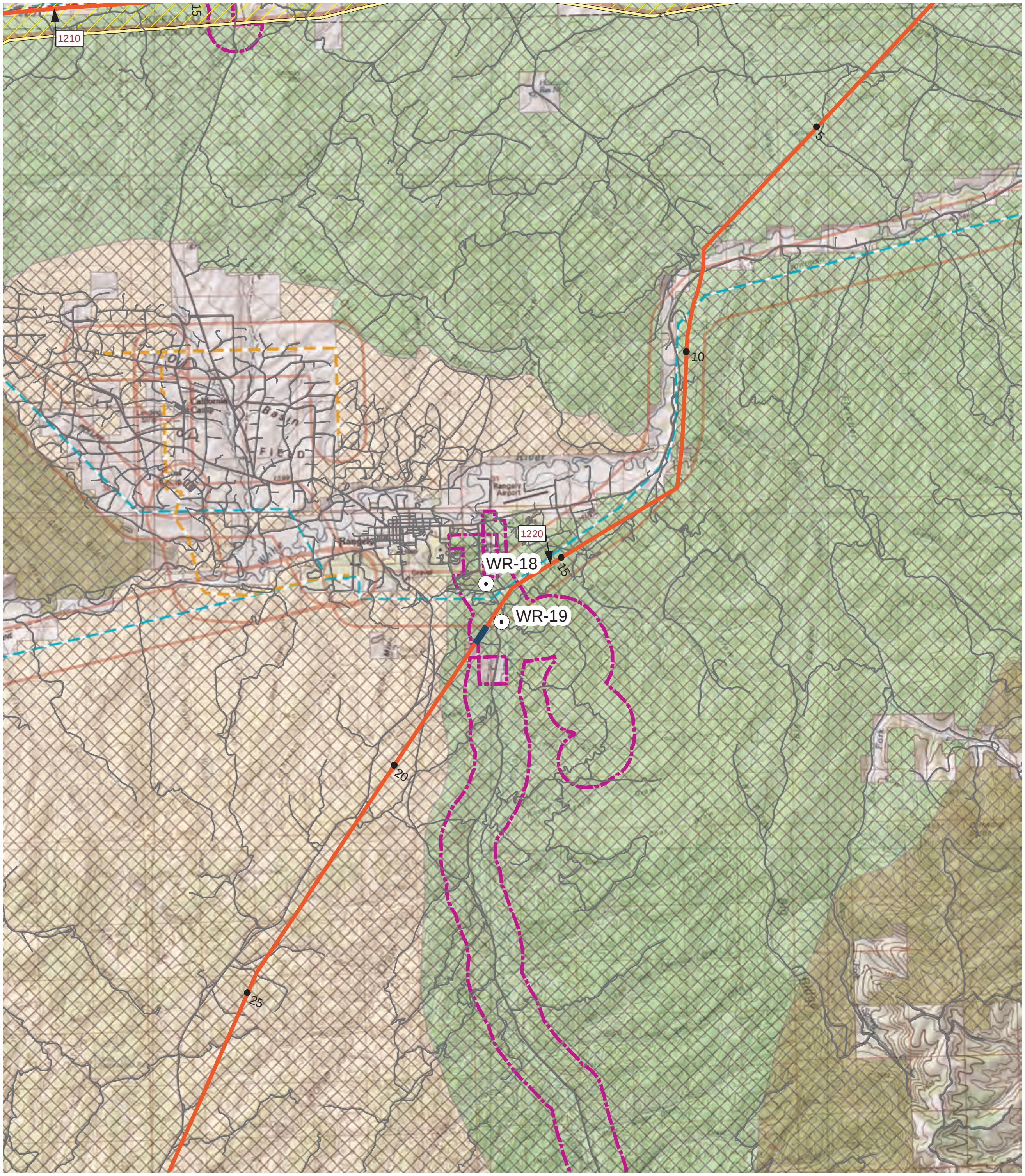

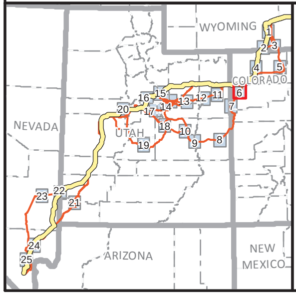

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
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500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 6 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000

N

Western Area Power Administration

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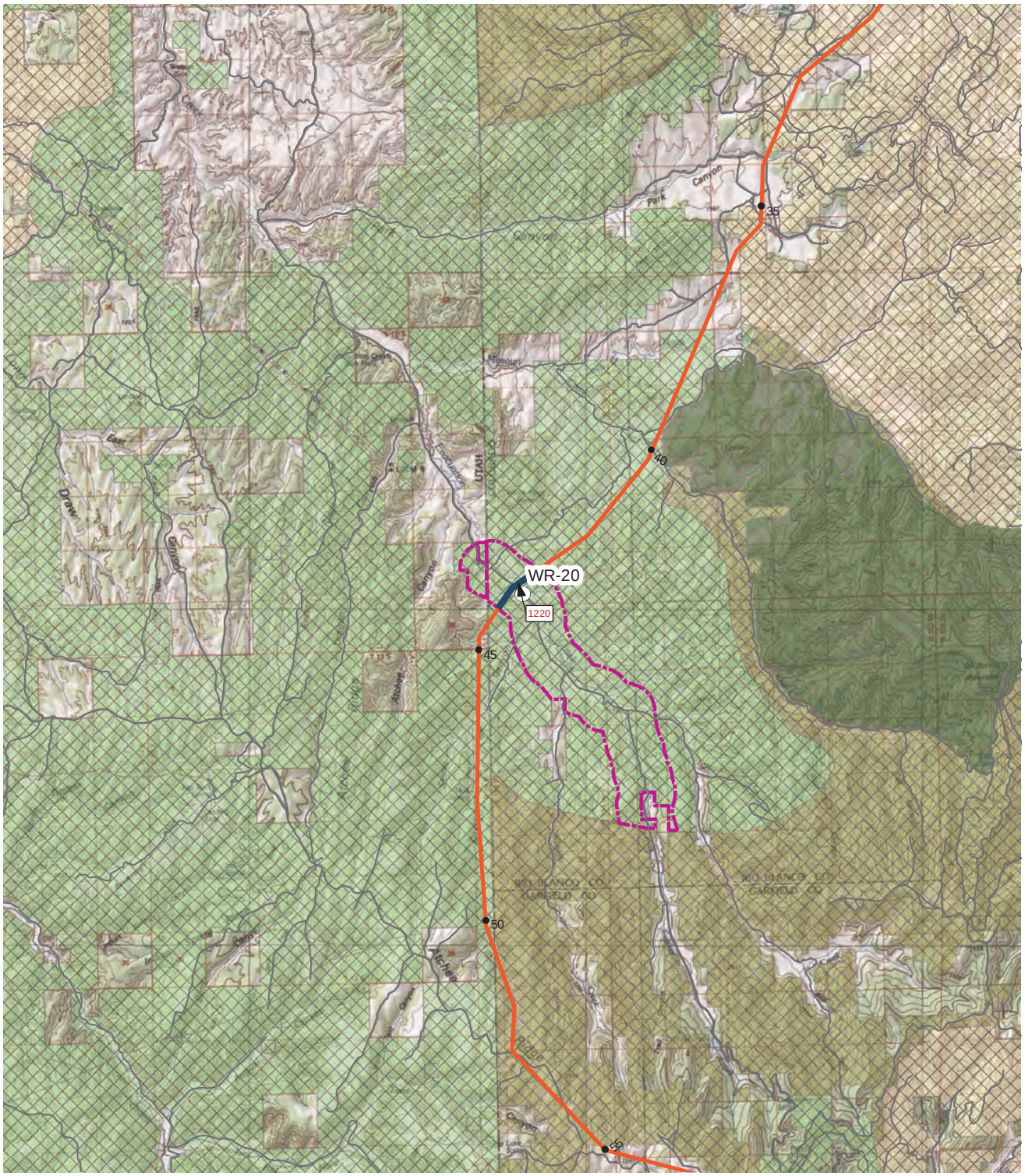

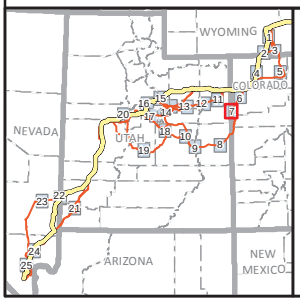

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
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500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 7 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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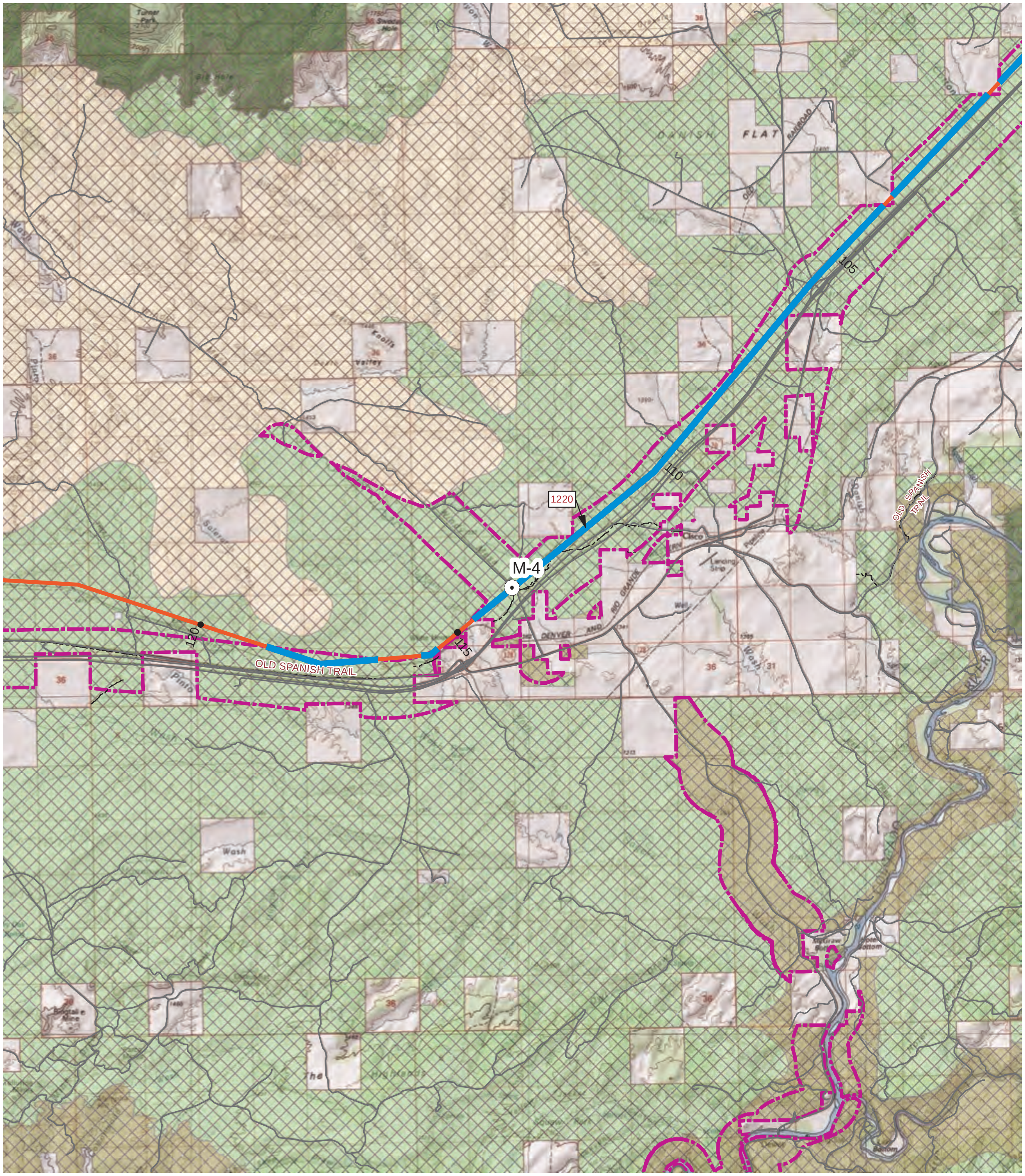

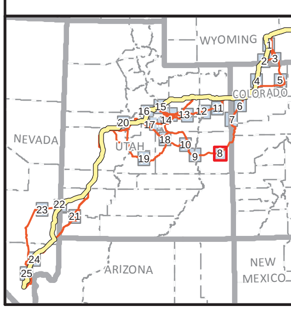

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
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SIO, High; VQO, Retention
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500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 8 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000

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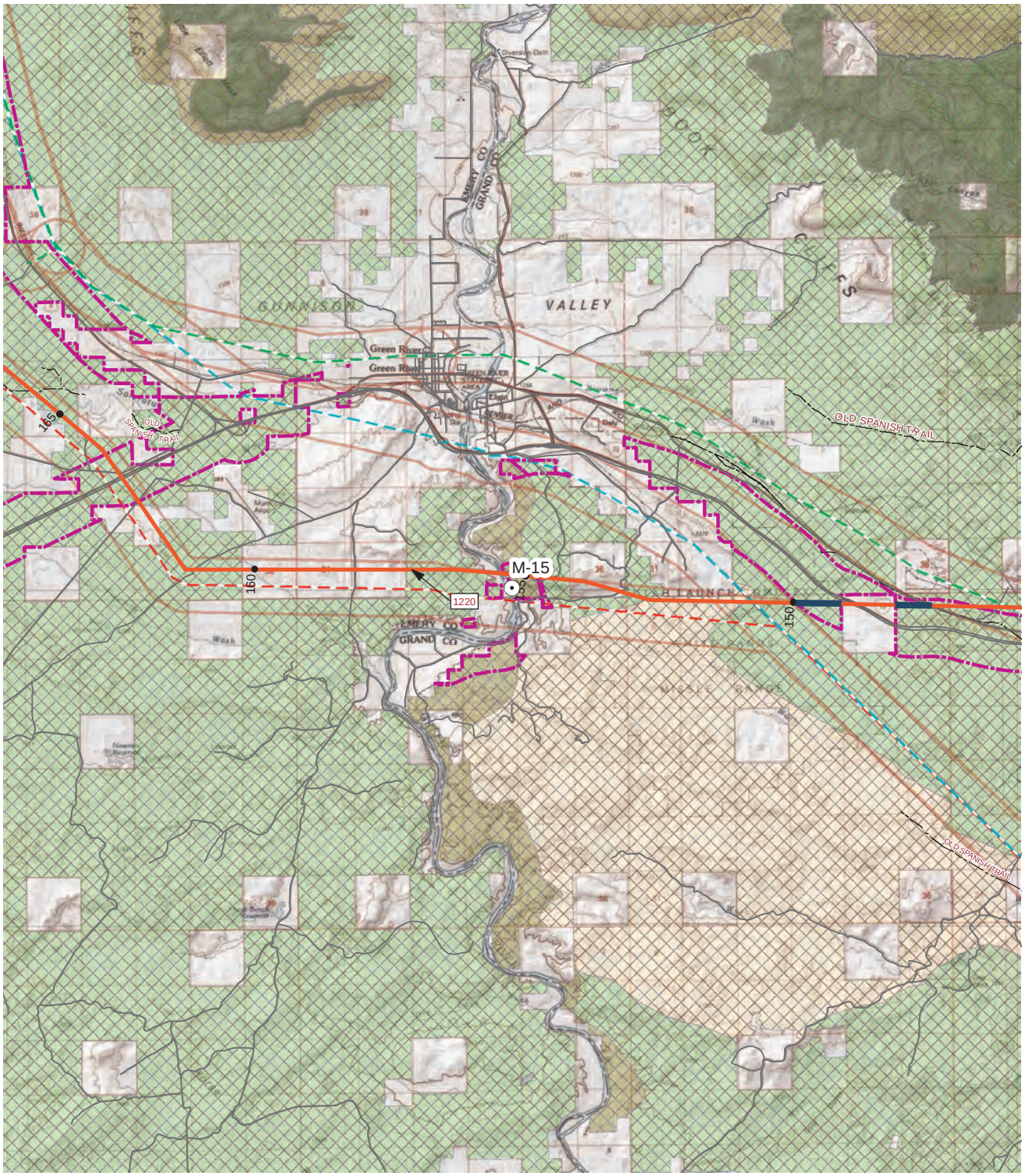

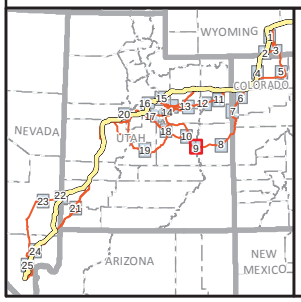

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 9 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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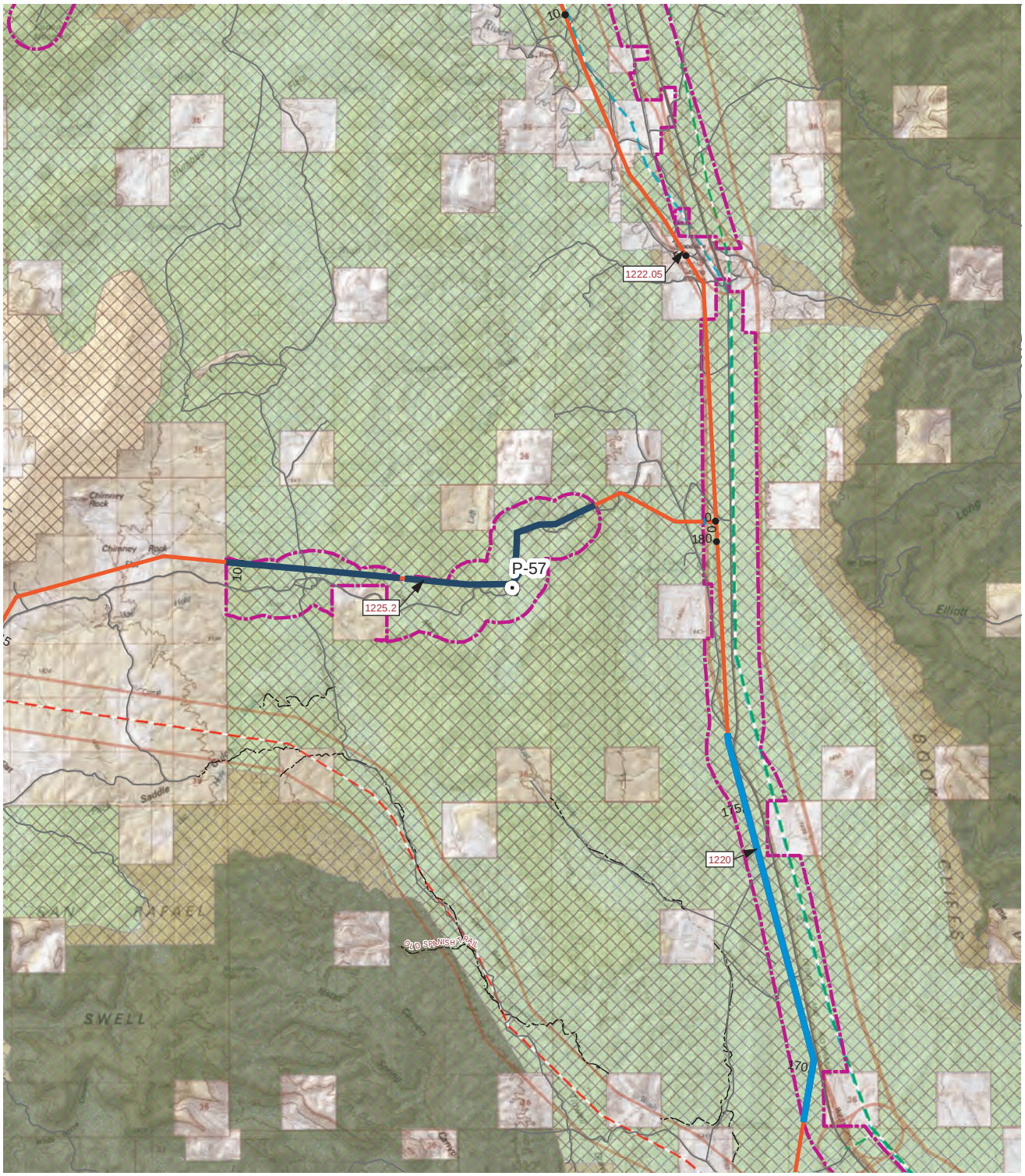

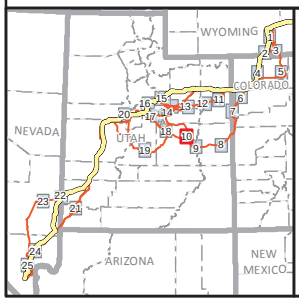

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 10 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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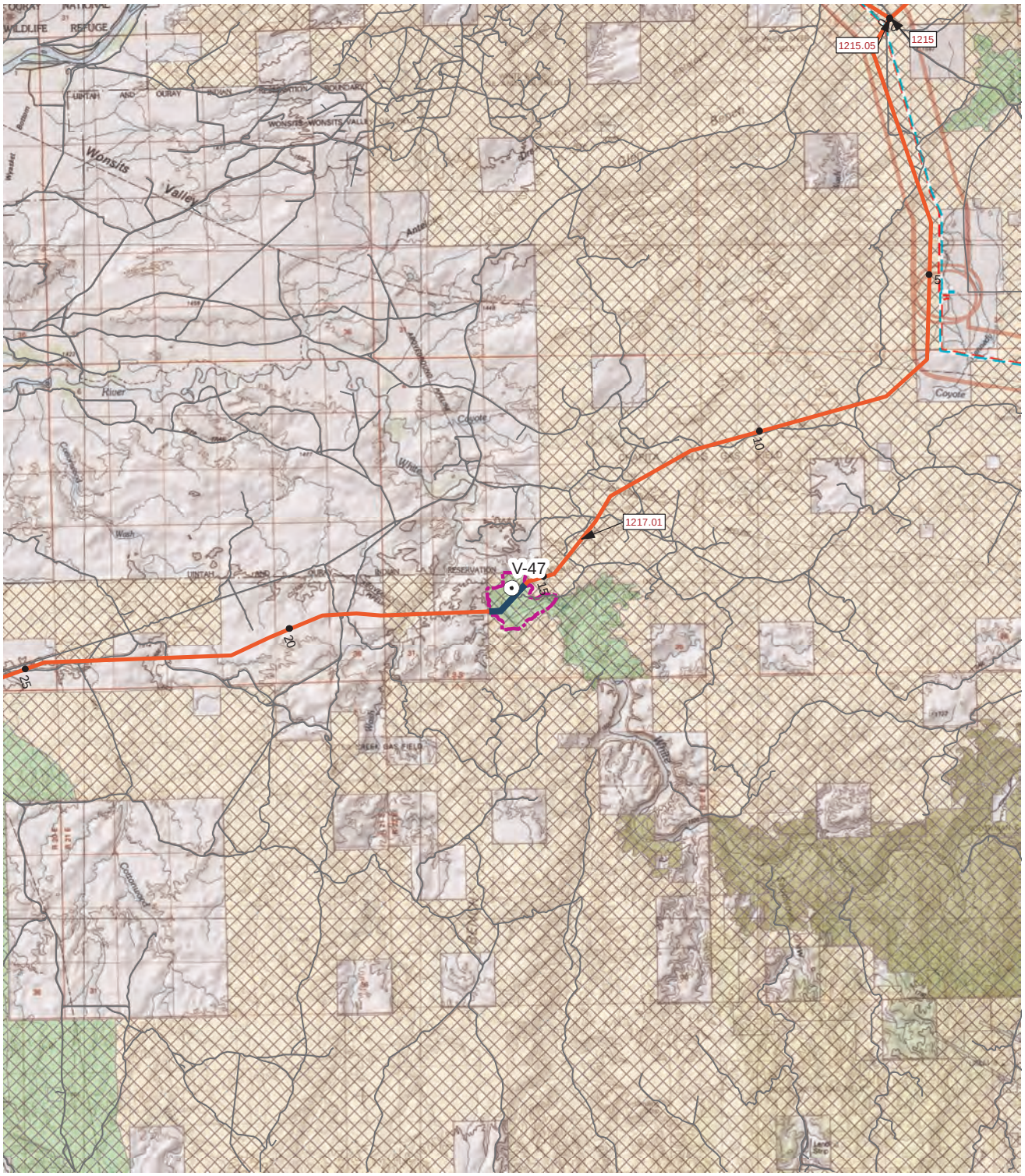

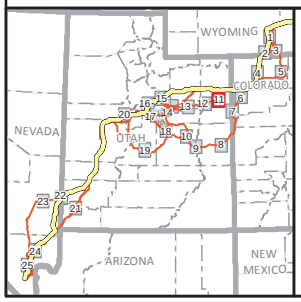

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
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Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 11 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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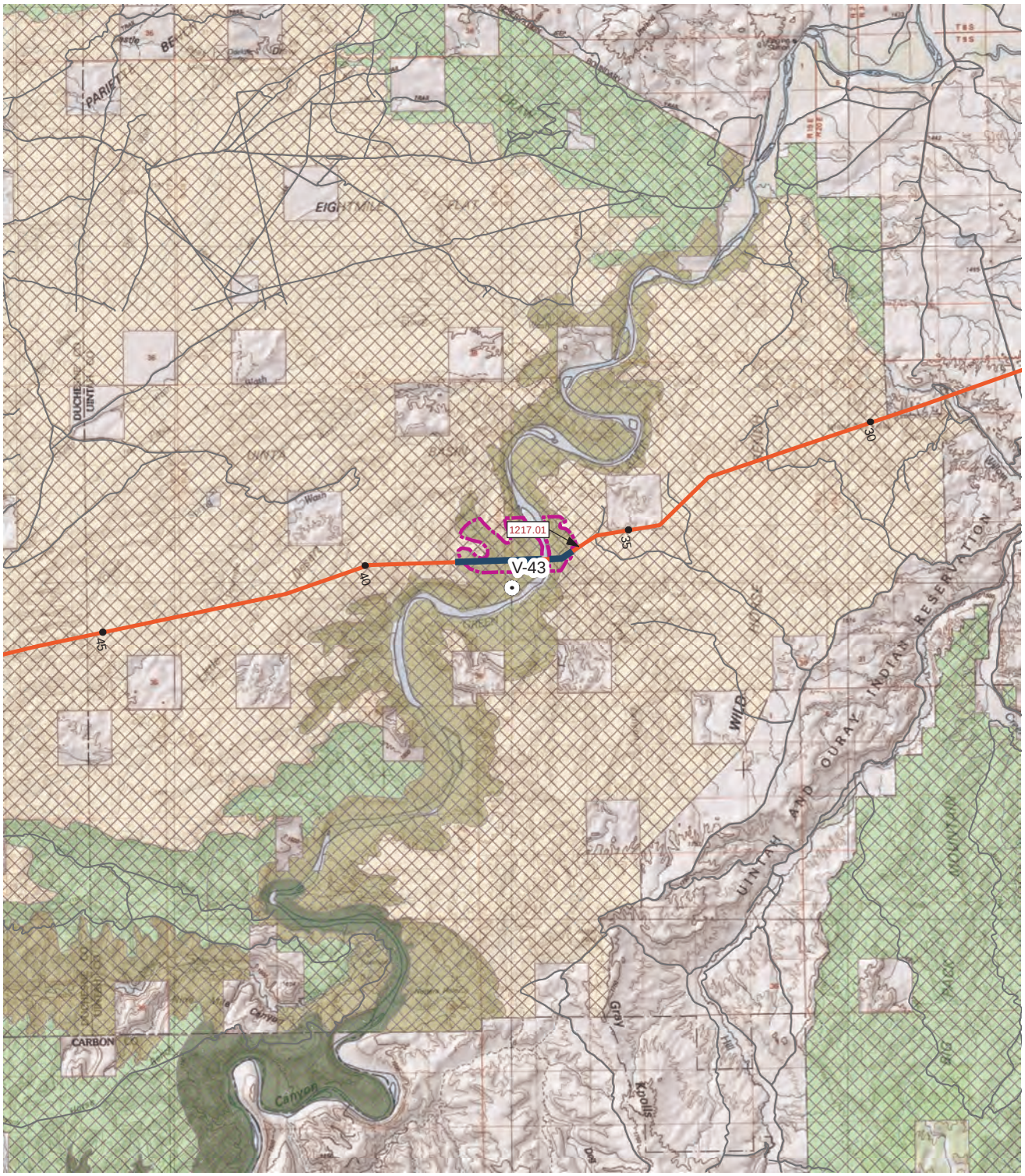

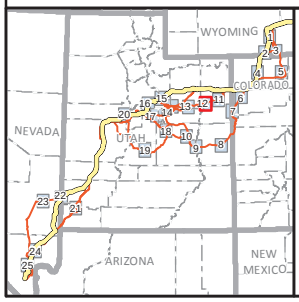

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 12 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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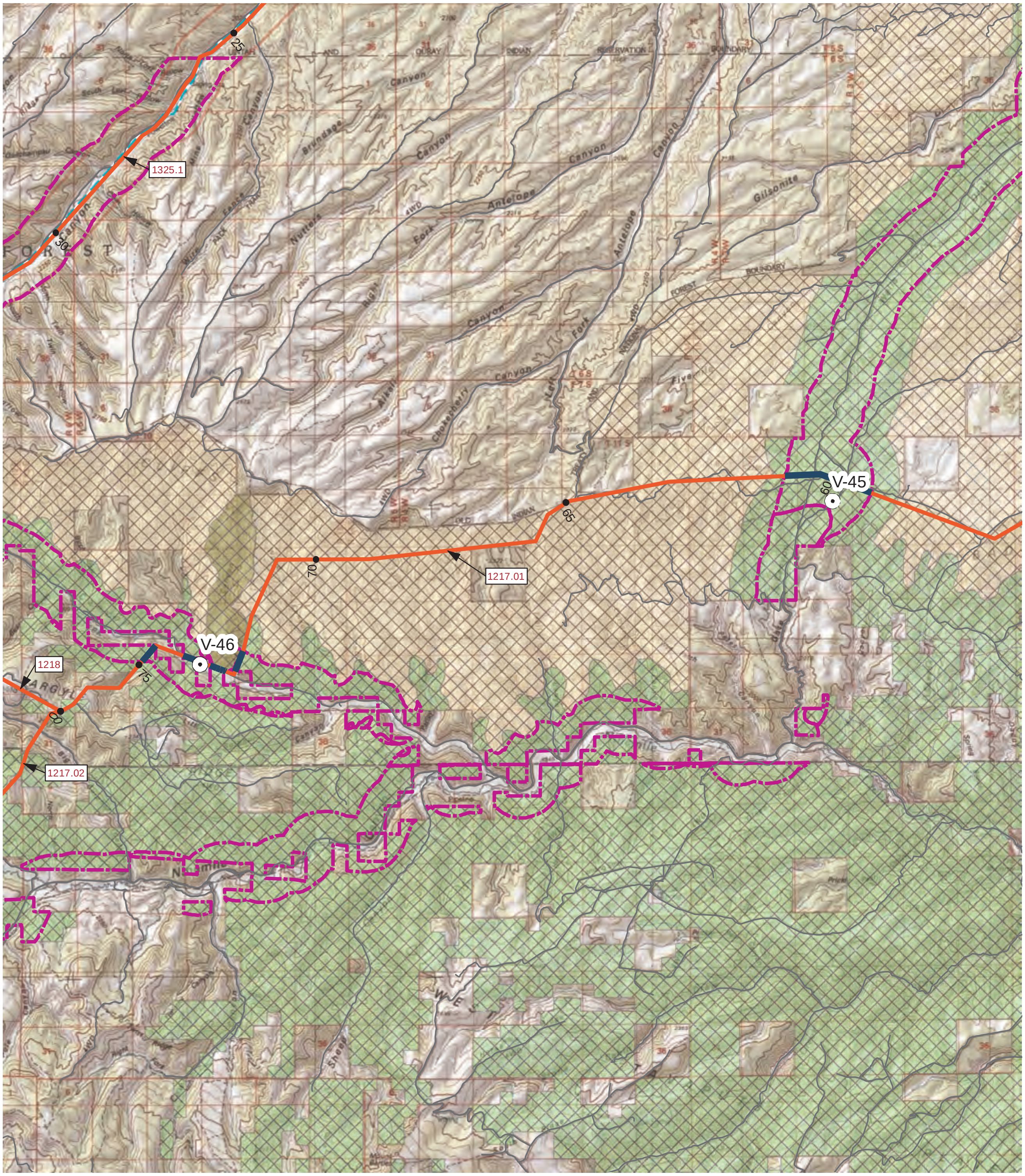

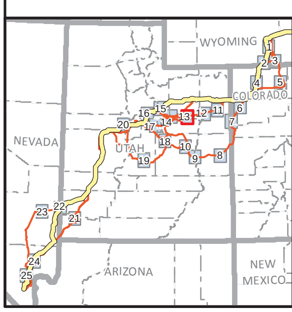

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 13 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000

N

Western AREA POWER ADMINISTRATION

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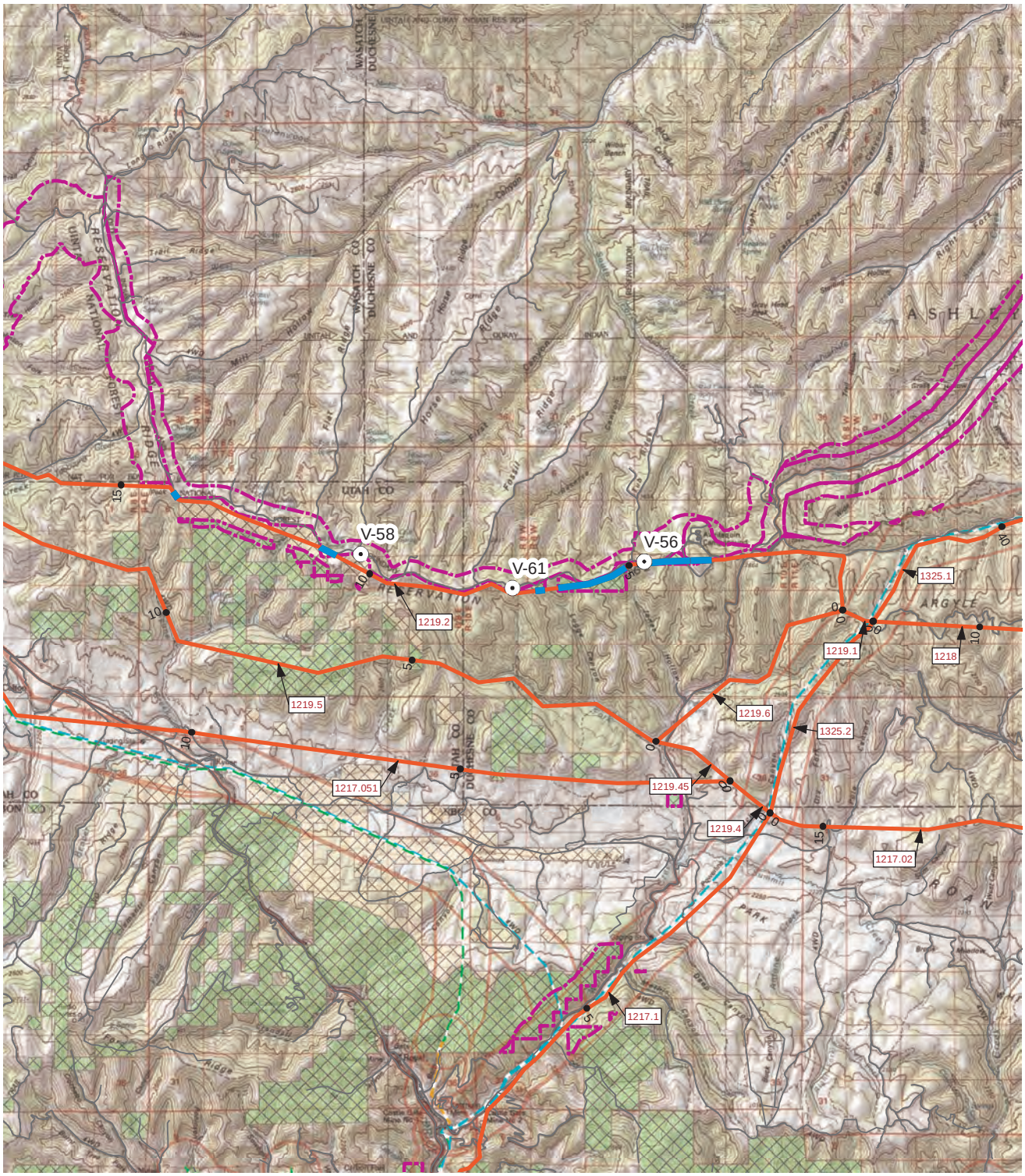

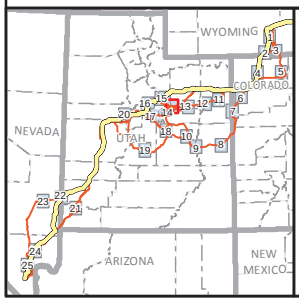

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 14 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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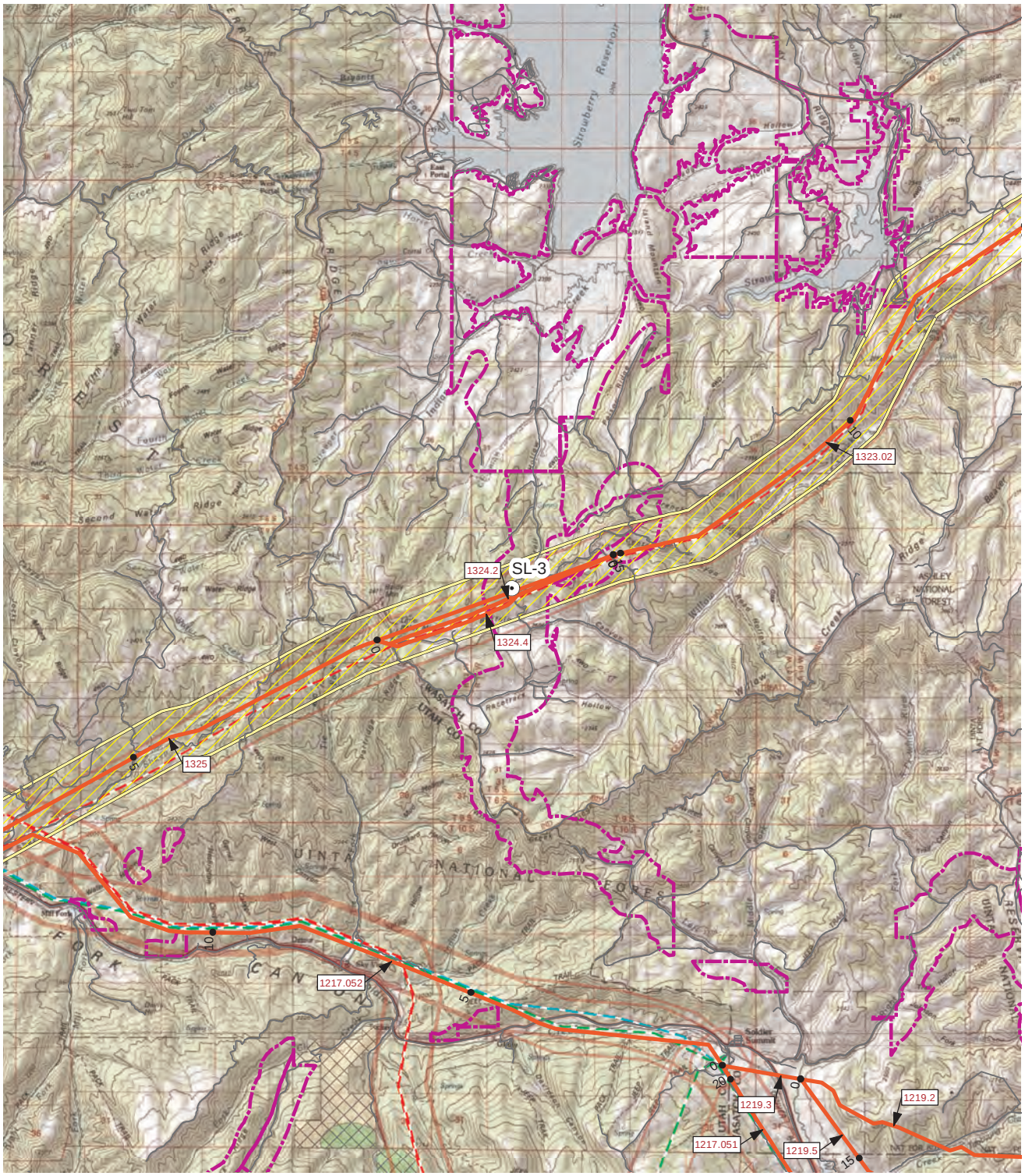

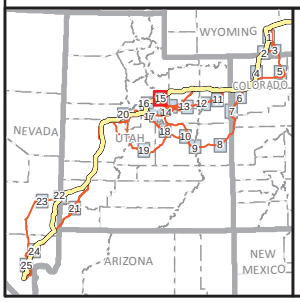

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 15 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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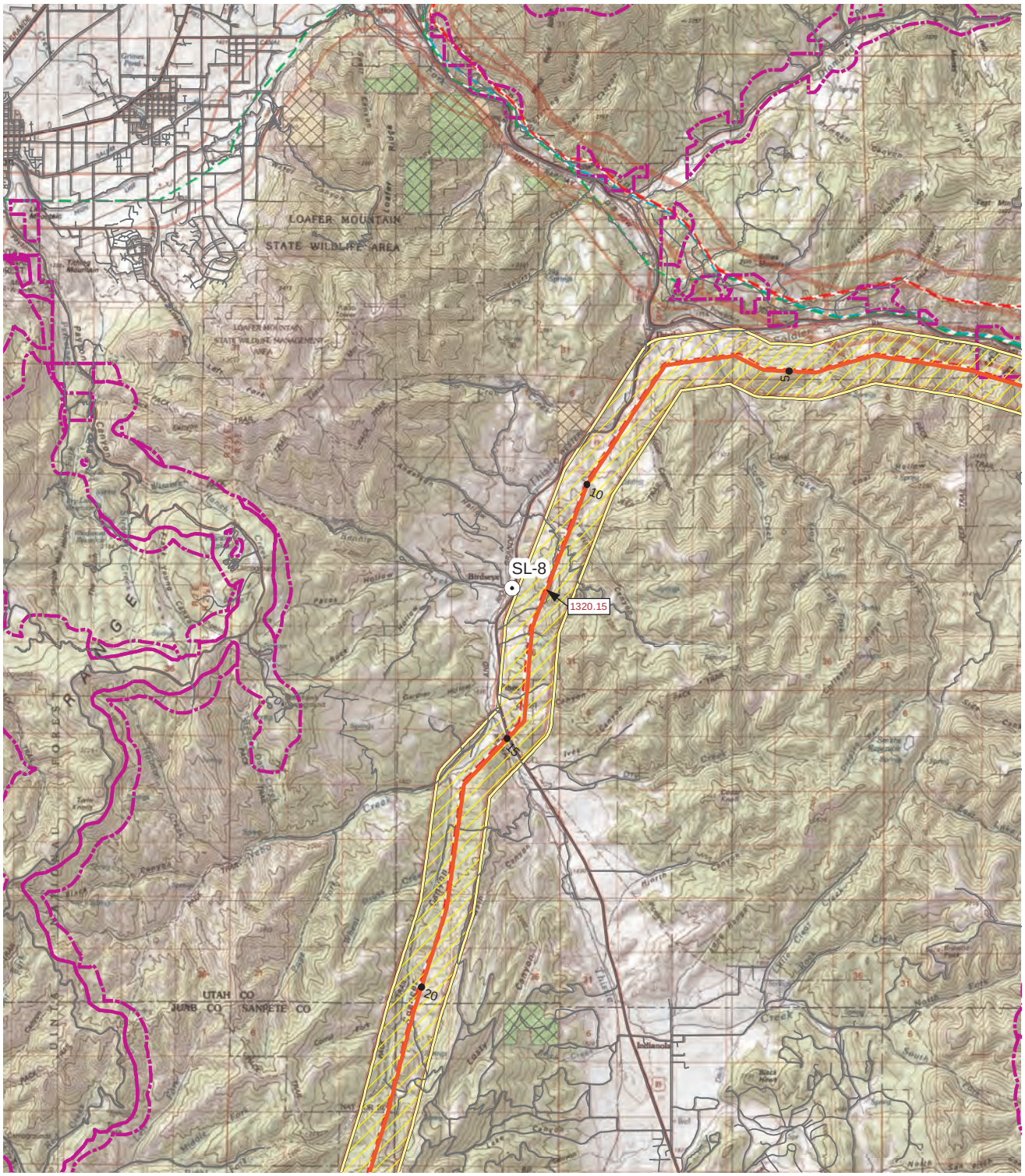

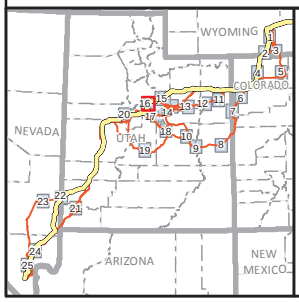

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 16 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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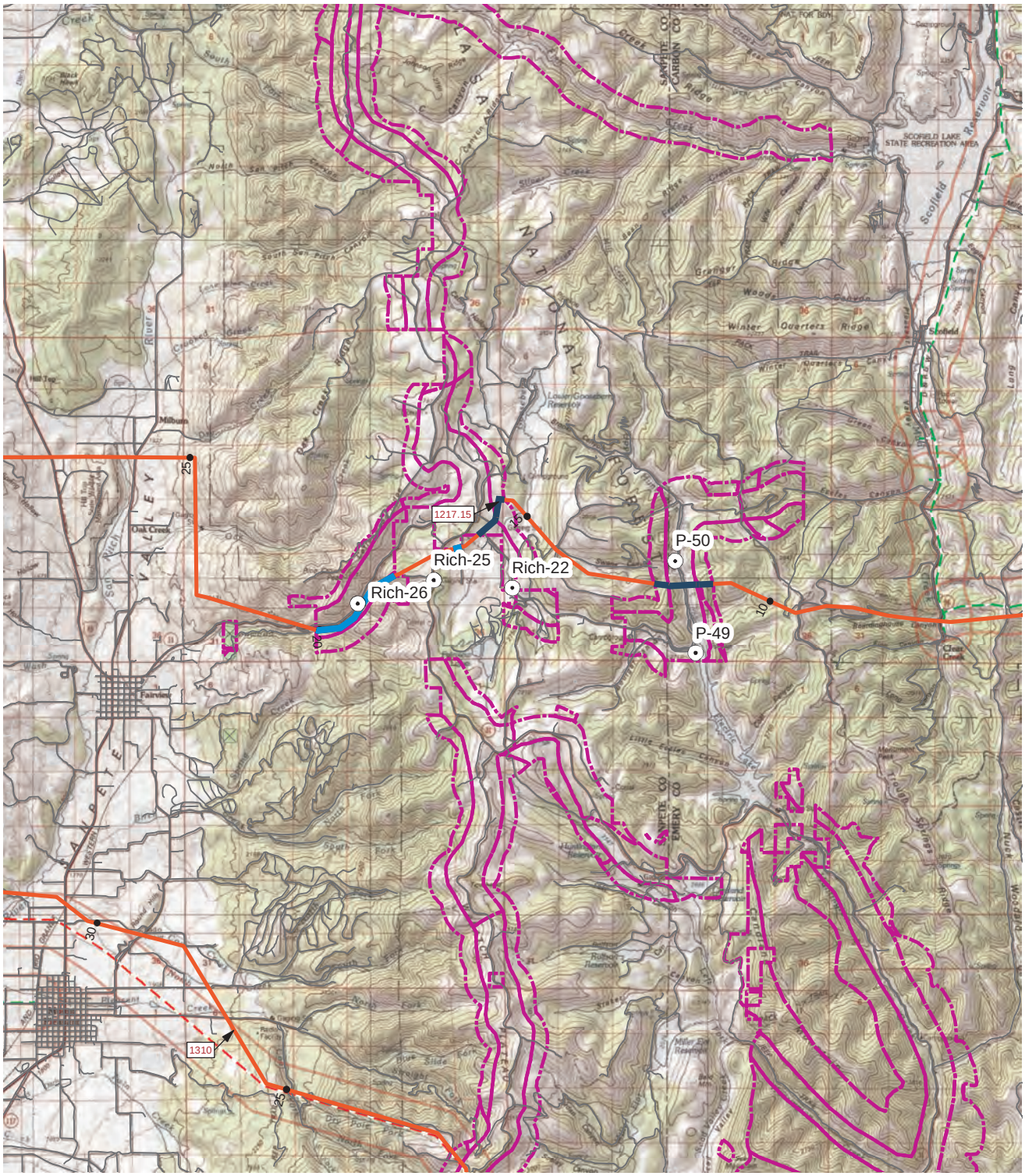

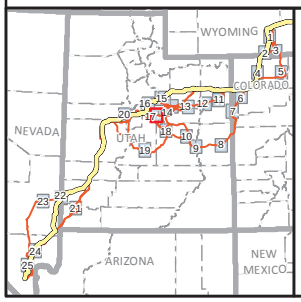

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 17 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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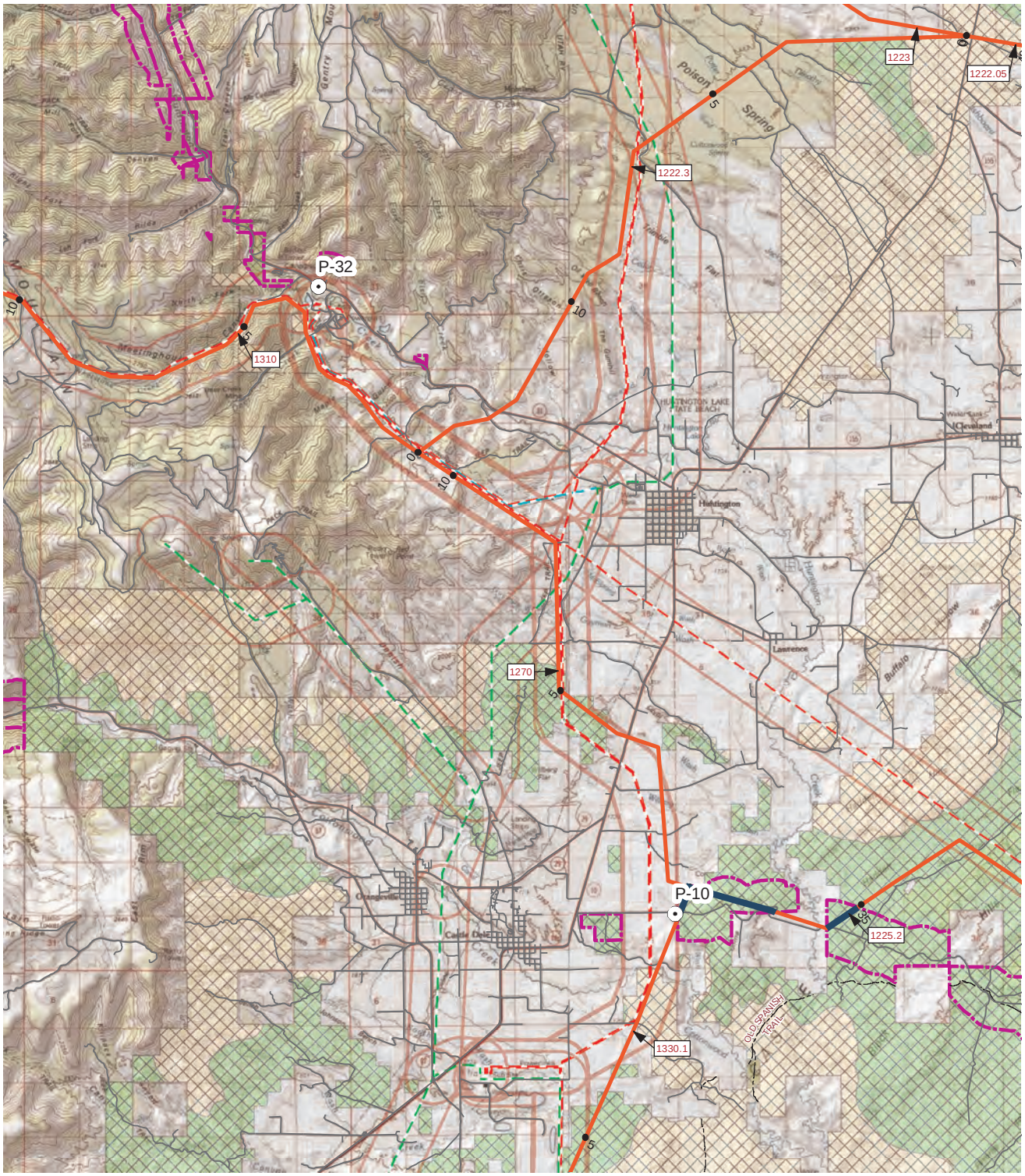

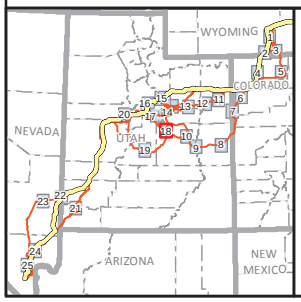

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 18 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

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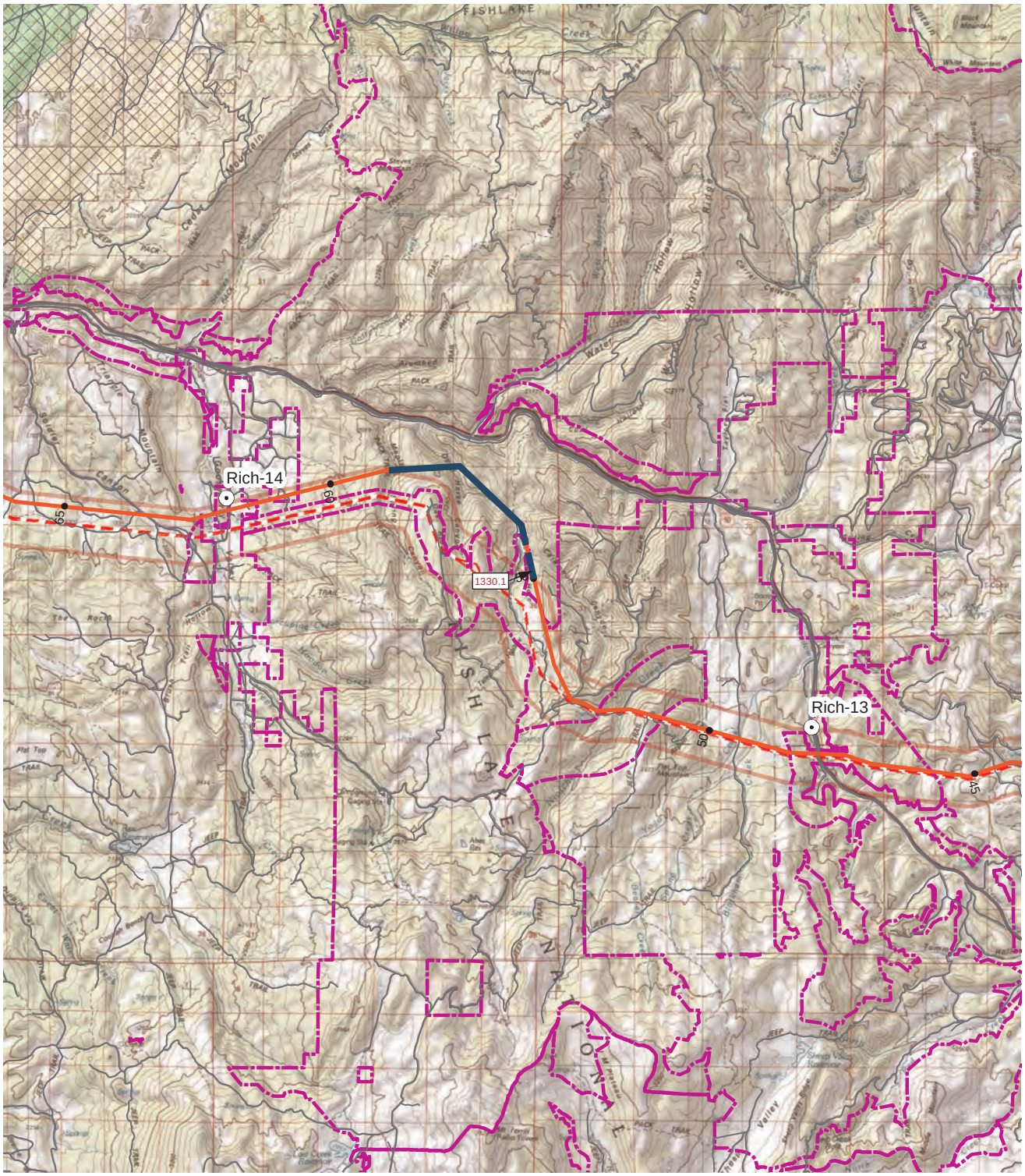

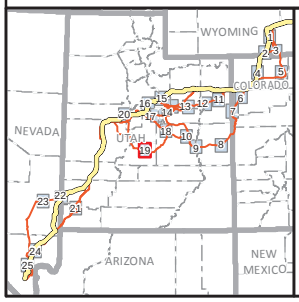

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 19 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

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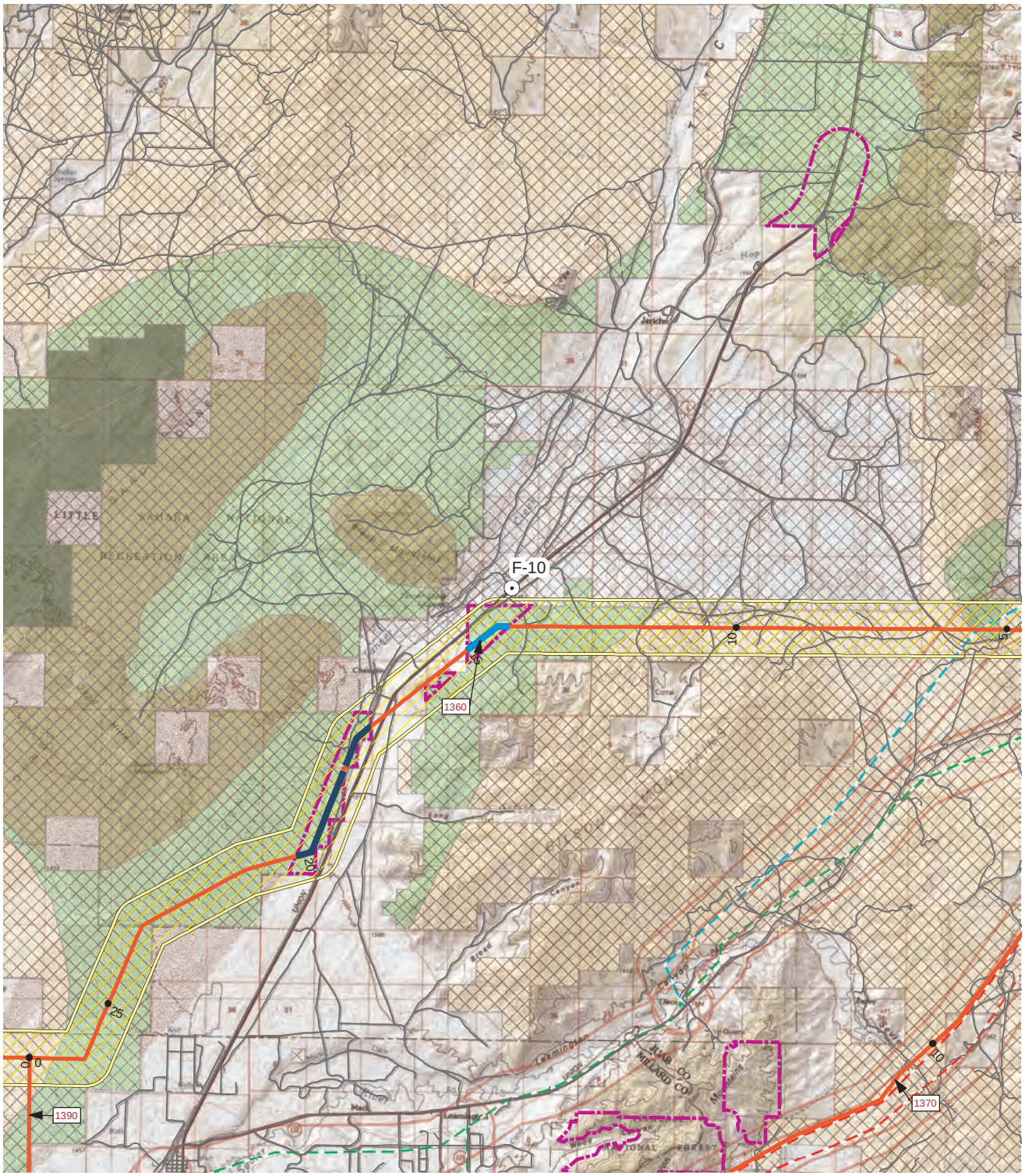

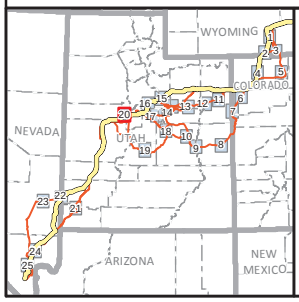

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 20 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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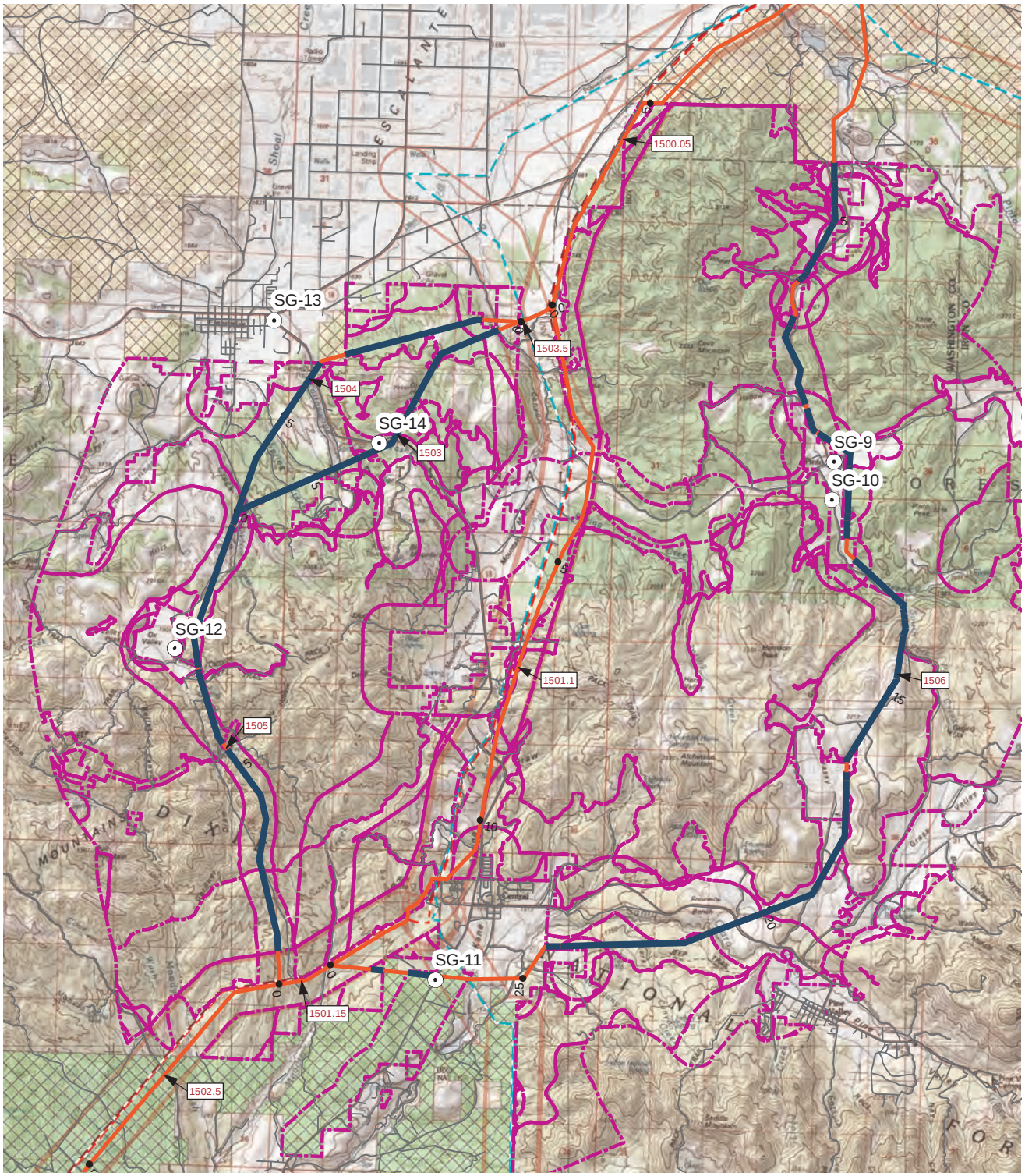

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 21 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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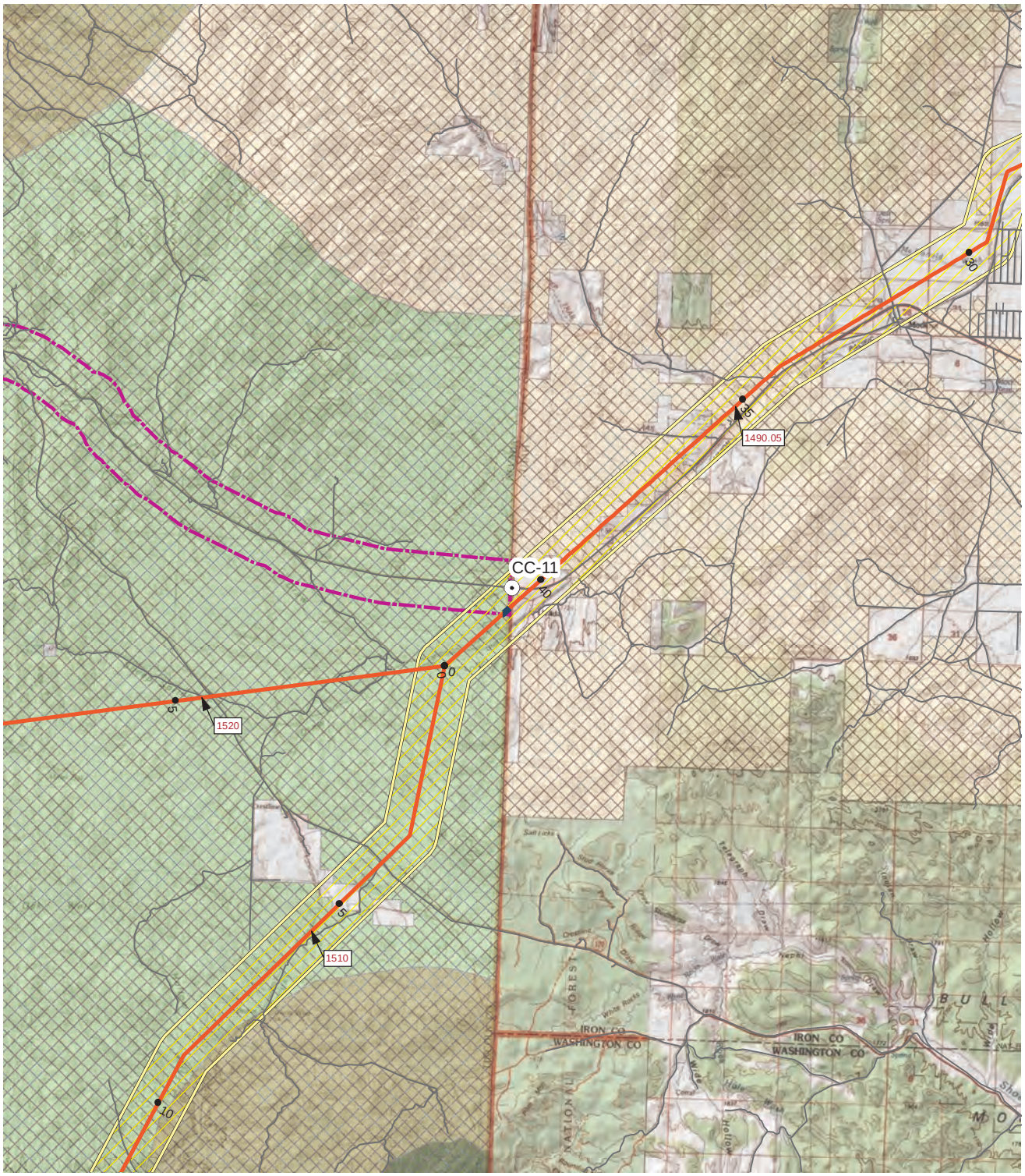

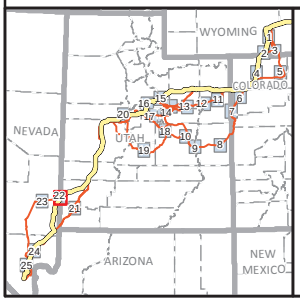

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 22 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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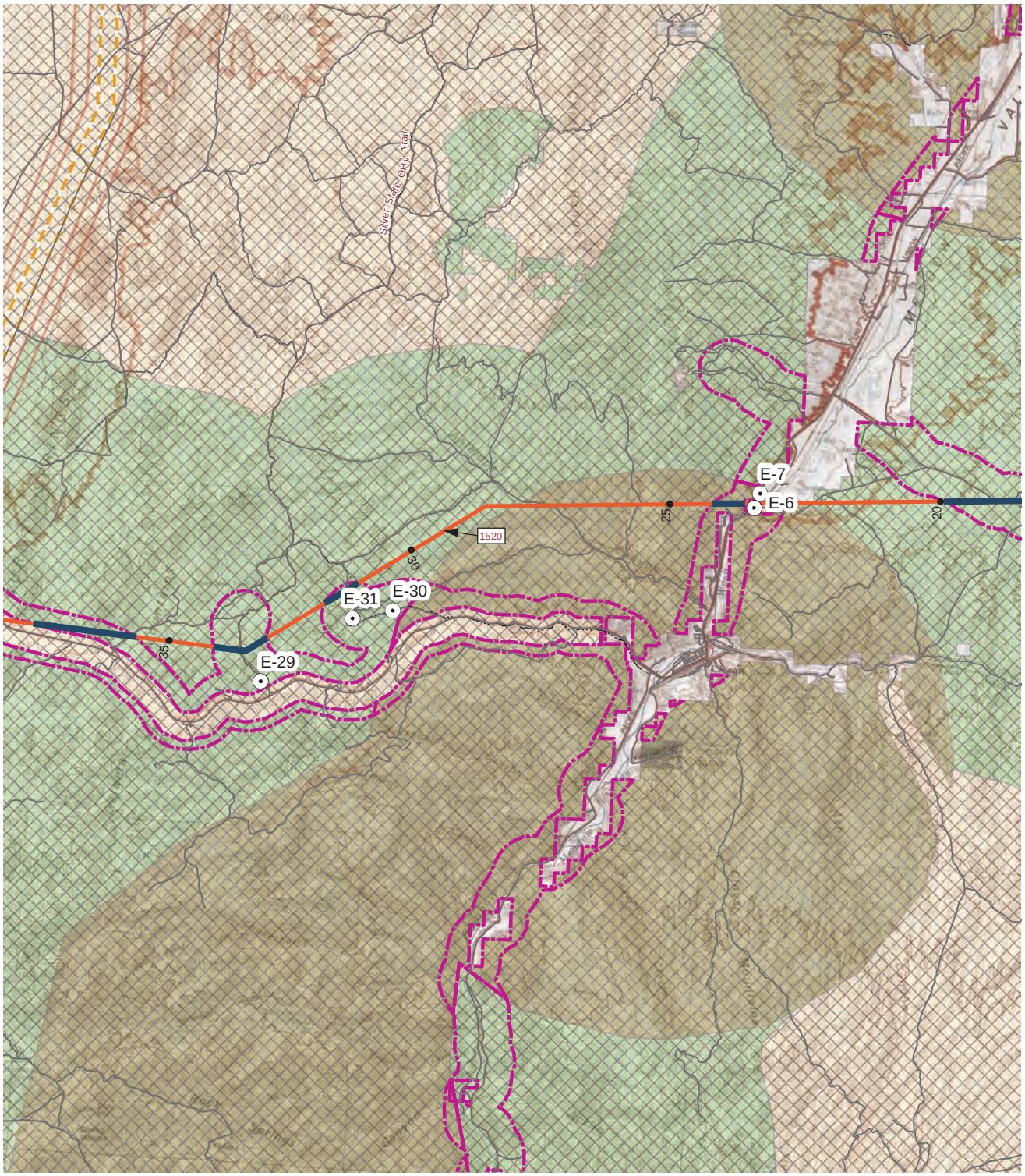

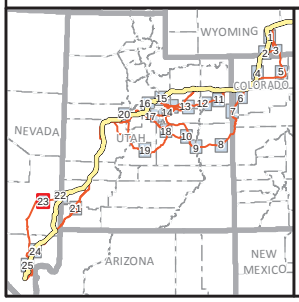

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 23 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

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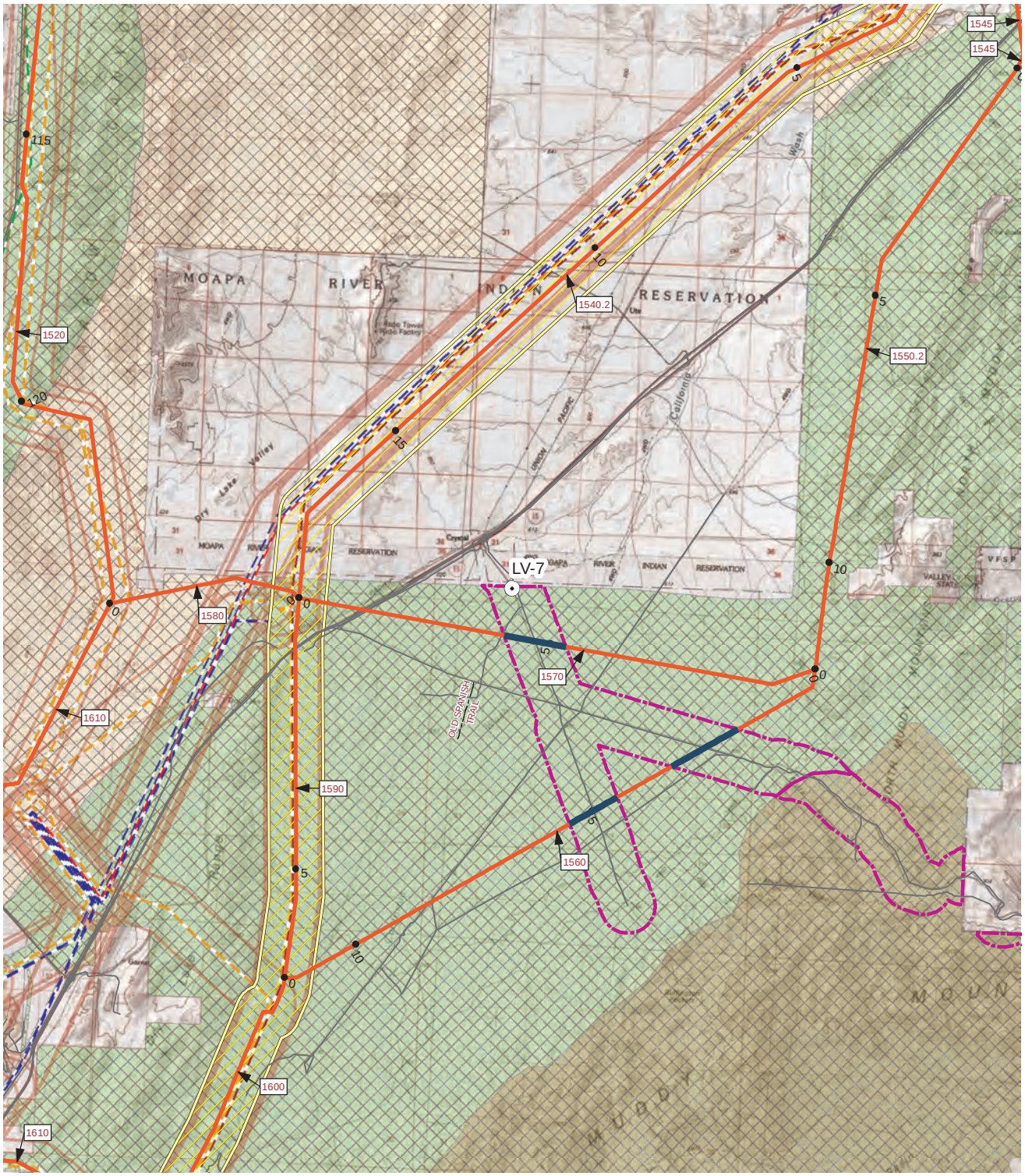

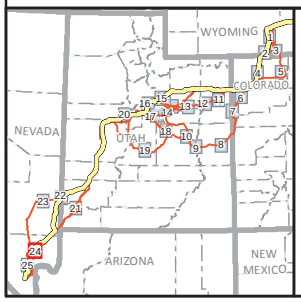

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 24 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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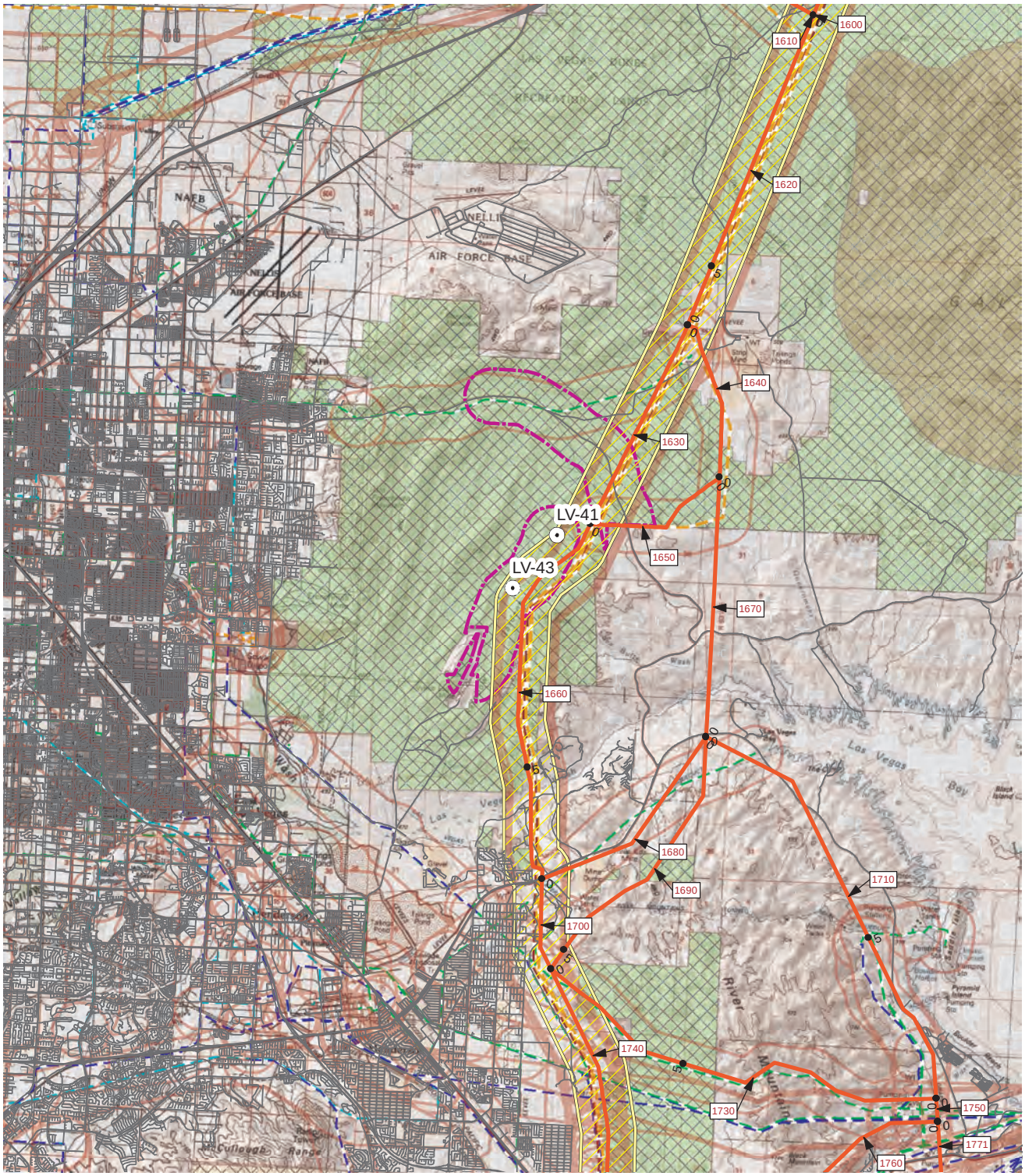

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-13
Visual Resources Conformance or Consistency with Land Use Plans
Map 25 of 25

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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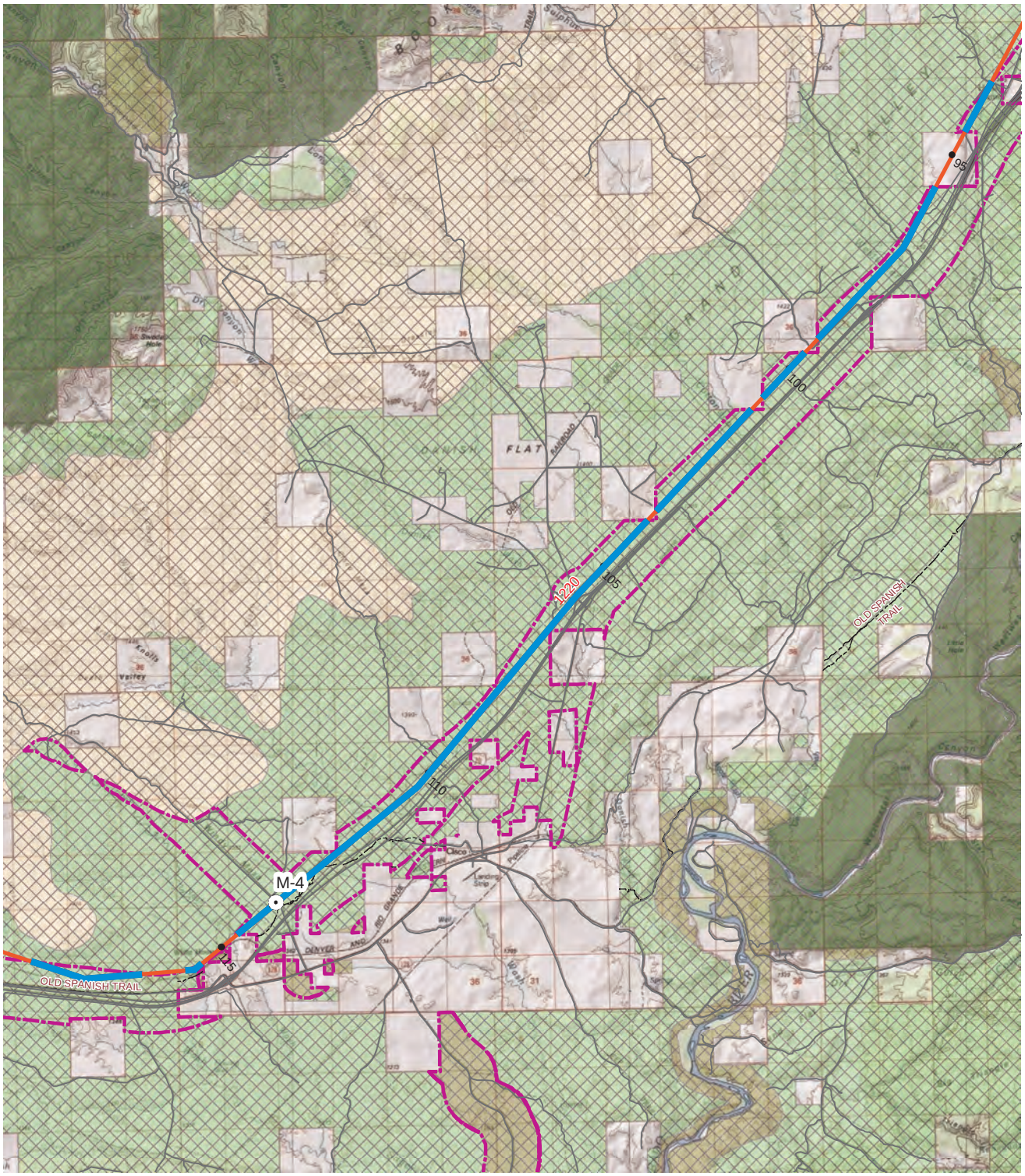

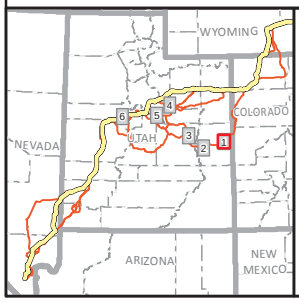

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-14
Visual Resources Conformance or Consistency with Land Use Plans - Mitigated
Map 1 of 6

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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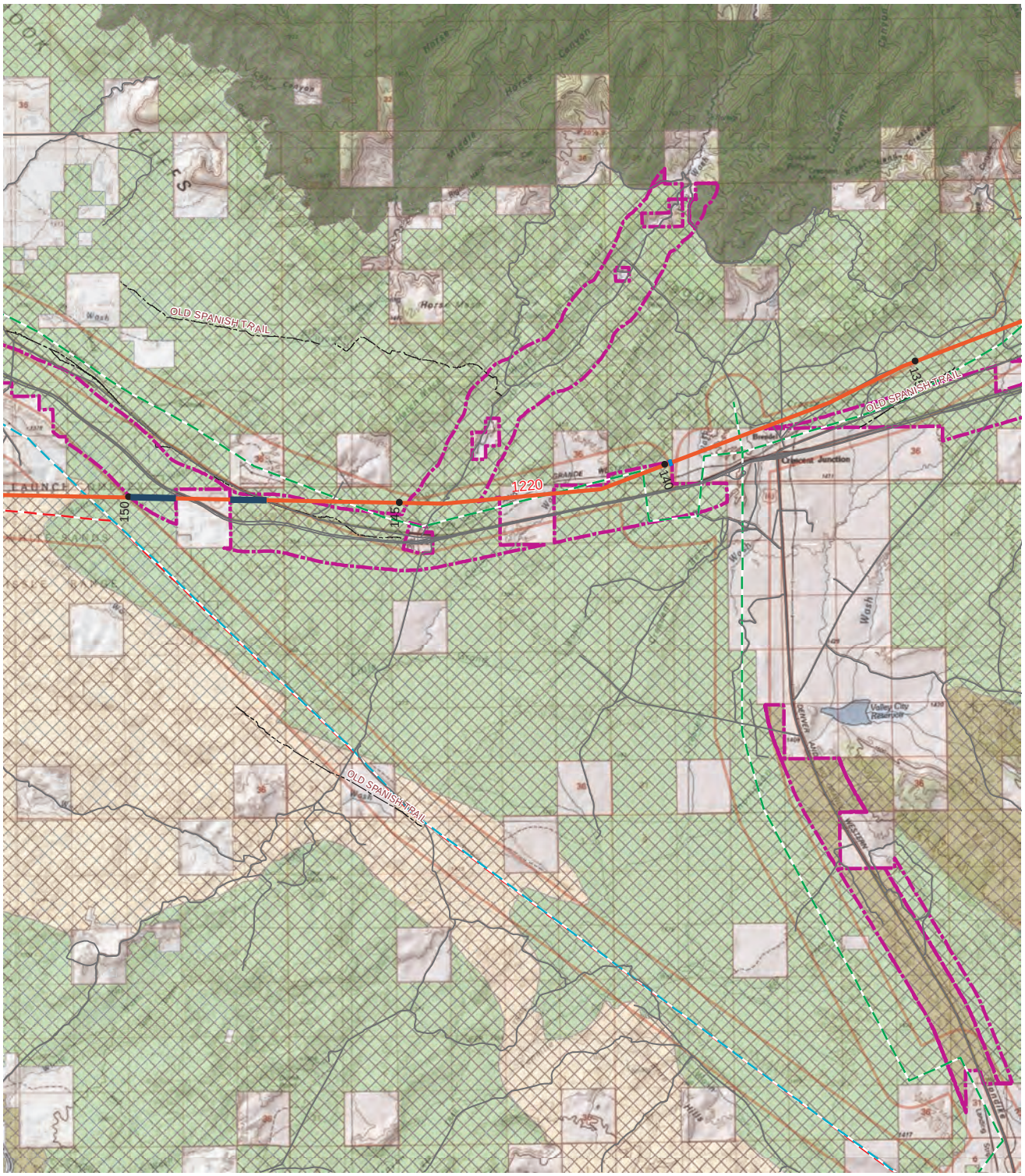

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-14
Visual Resources Conformance or Consistency with Land Use Plans - Mitigated
Map 2 of 6

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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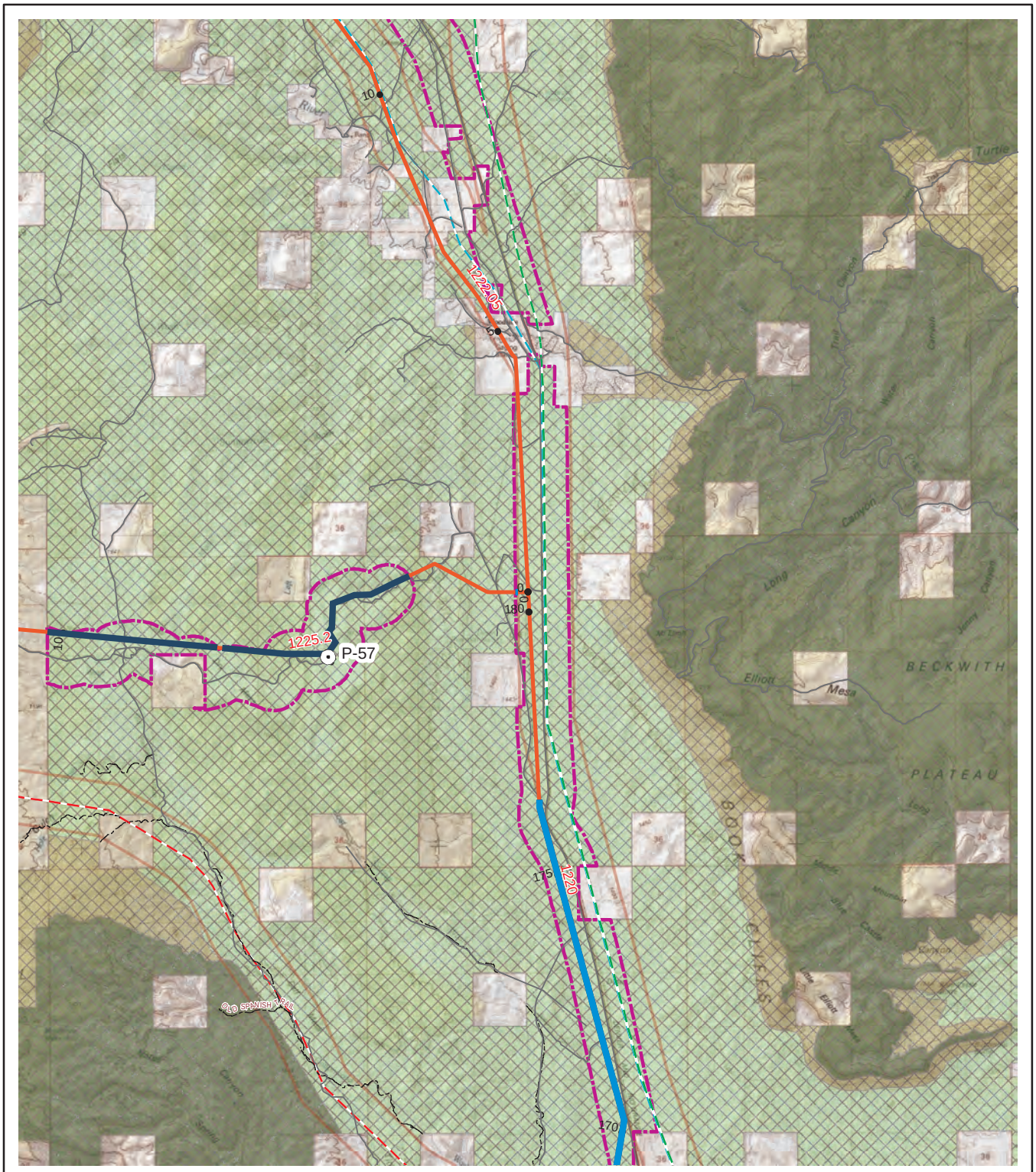

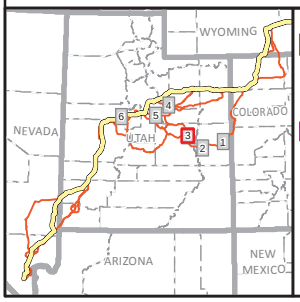

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-14
Visual Resources Conformance or Consistency with Land Use Plans - Mitigated
Map 3 of 6

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

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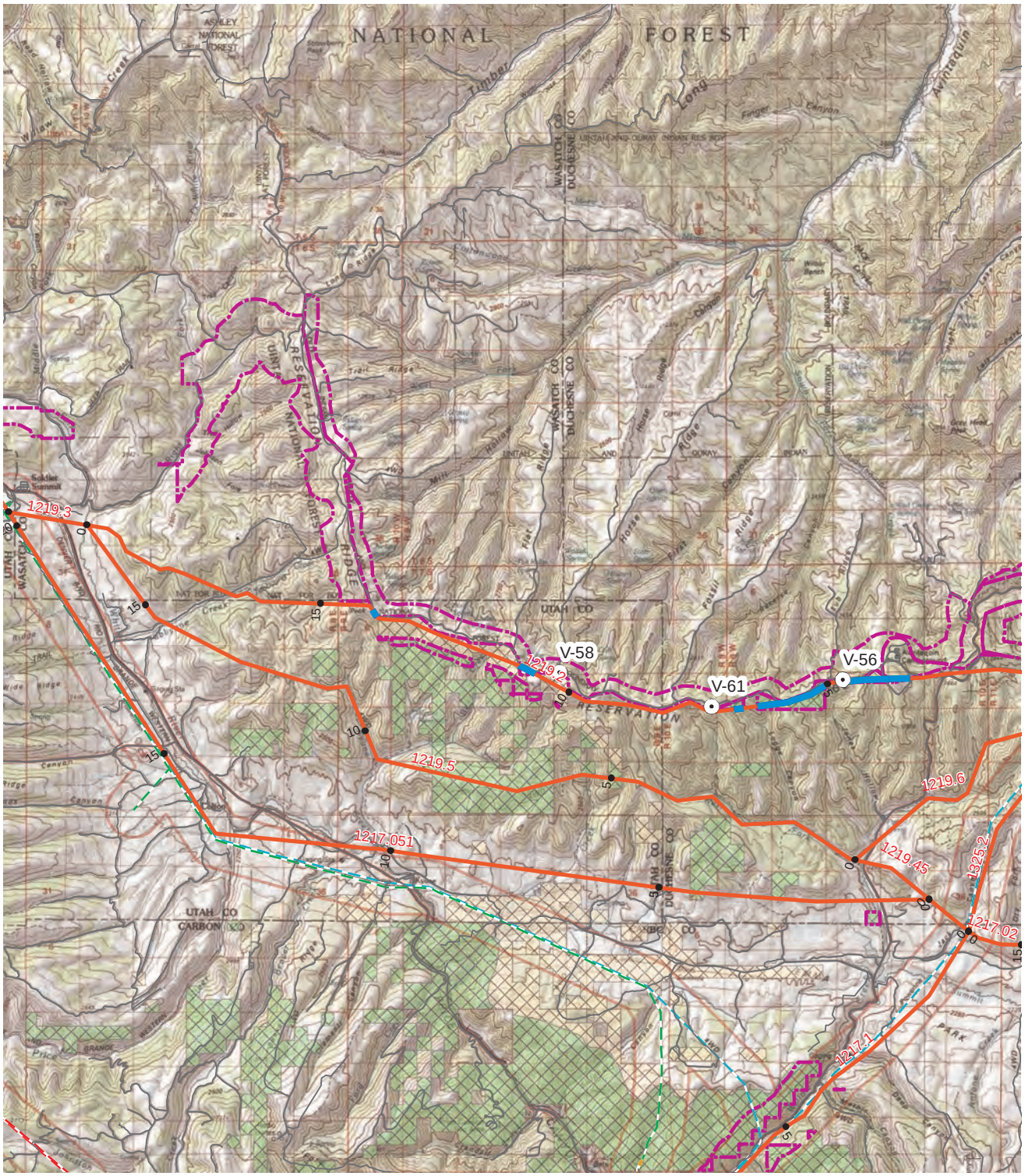
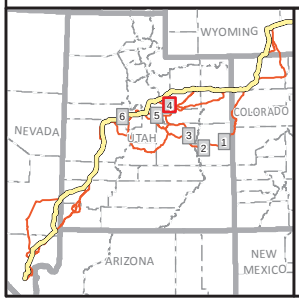




KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

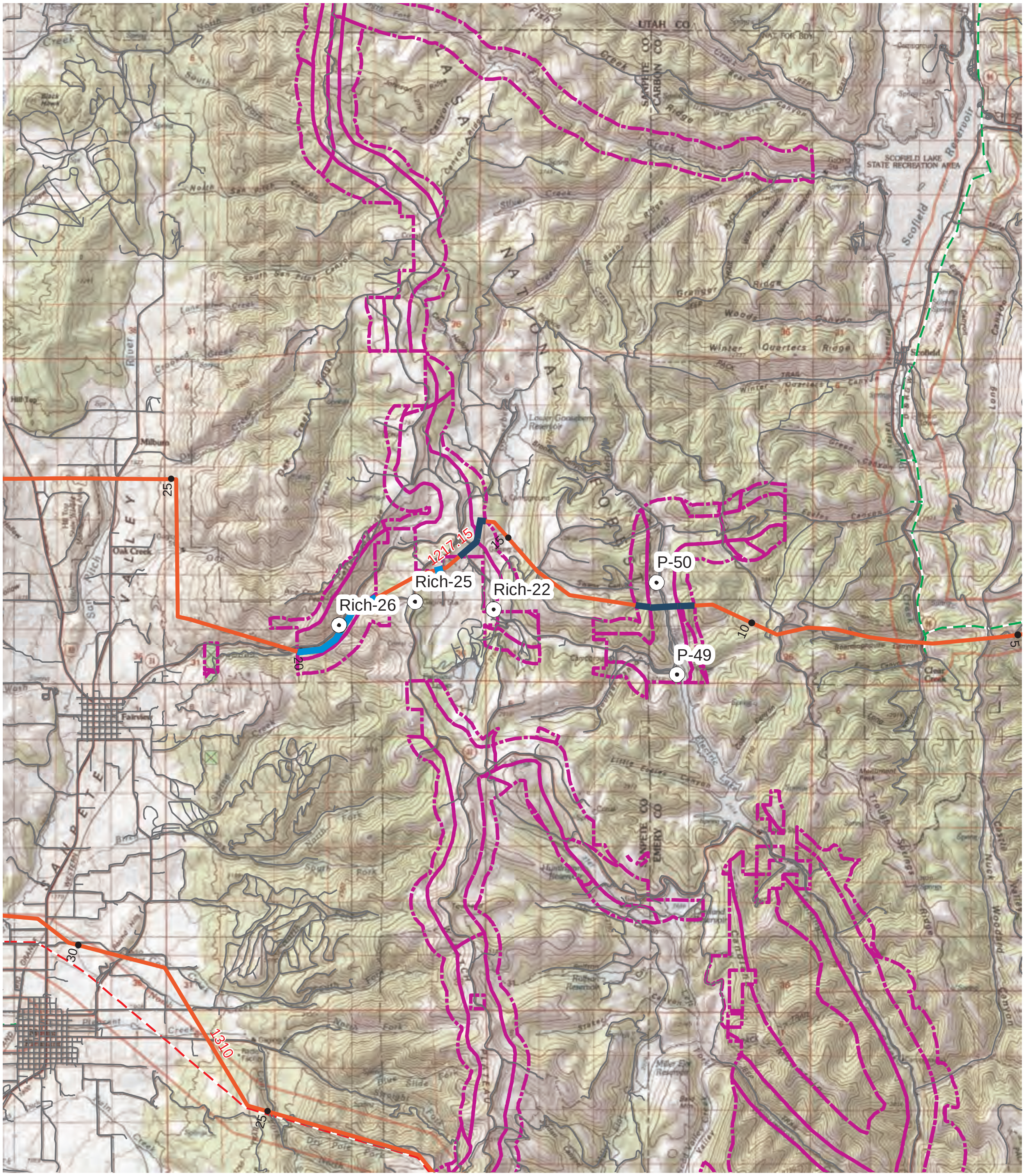
TRANSWEST EXPRESS TRANSMISSION PROJECT

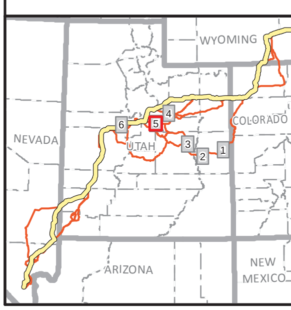
Figure I-14
Visual Resources Conformance or Consistency with Land Use Plans - Mitigated
Map 4 of 6

0 1 2 4 Miles
0 1 2 4 km
1:175,000
N

Western AREA POWER ADMINISTRATION

K:\Projects_4\TransWestExpress\12907_003_Transwest_Express\Figures\DocumentFigures\2014_PFEIS_v2\VisualAppendix\Fig_I_14_VRM_ObjCompliance_Mitigated.mxd





KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class

I
II
III
IV

SIO, VQO Class

SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line

500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-14
Visual Resources Conformance or Consistency with Land Use Plans - Mitigated
Map 5 of 6

0 1 2 4 Miles
0 1 2 4 km
1:175,000

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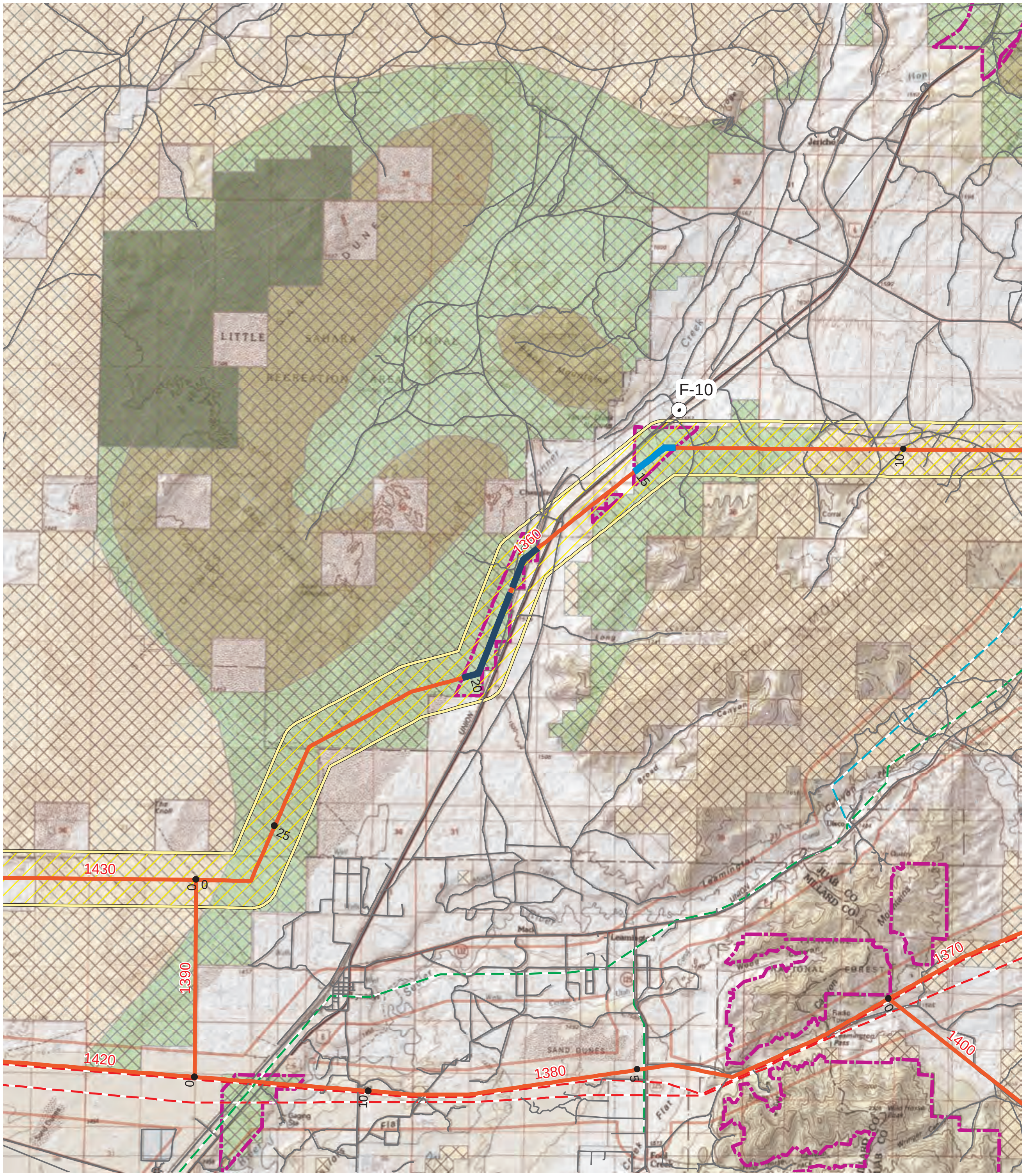

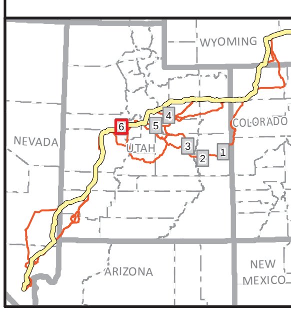

KOP
Agency Preferred Alternative
Reference Line
Mitigation
Non-conformance/Inconsistent
1/2 Mile Buffer Around Road/Trail
Trail
Historic Trail

VRM Class

I
II
III
IV

SIO, VQO Class

SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line

500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV
Unknown Voltage

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-14
Visual Resources Conformance or Consistency with Land Use Plans - Mitigated
Map 6 of 6

0 1 2 4 Miles
0 1 2 4 km
1:175,000

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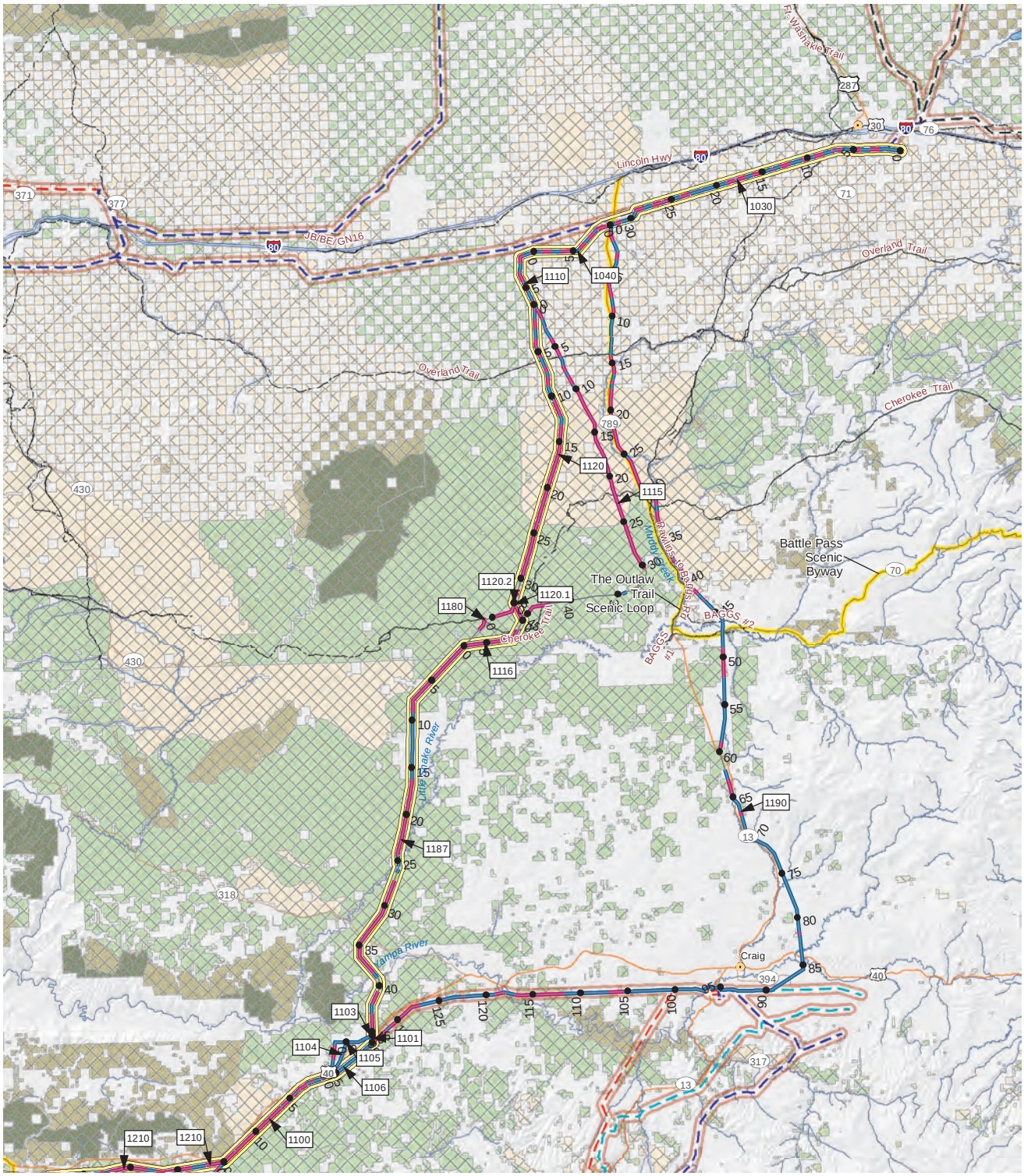

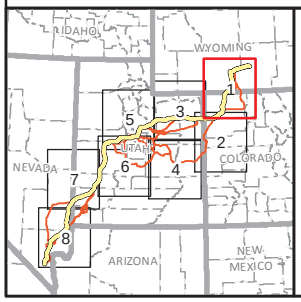

Reference Line
Conformance/Consistent-NA
Conformance/Consistent
Trail
Historic Trail
Agency Preferred Alternative
Scenic Byways/Backways

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
345-kV
138- to 161-kV
230- to 287-kV
115-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 1 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000

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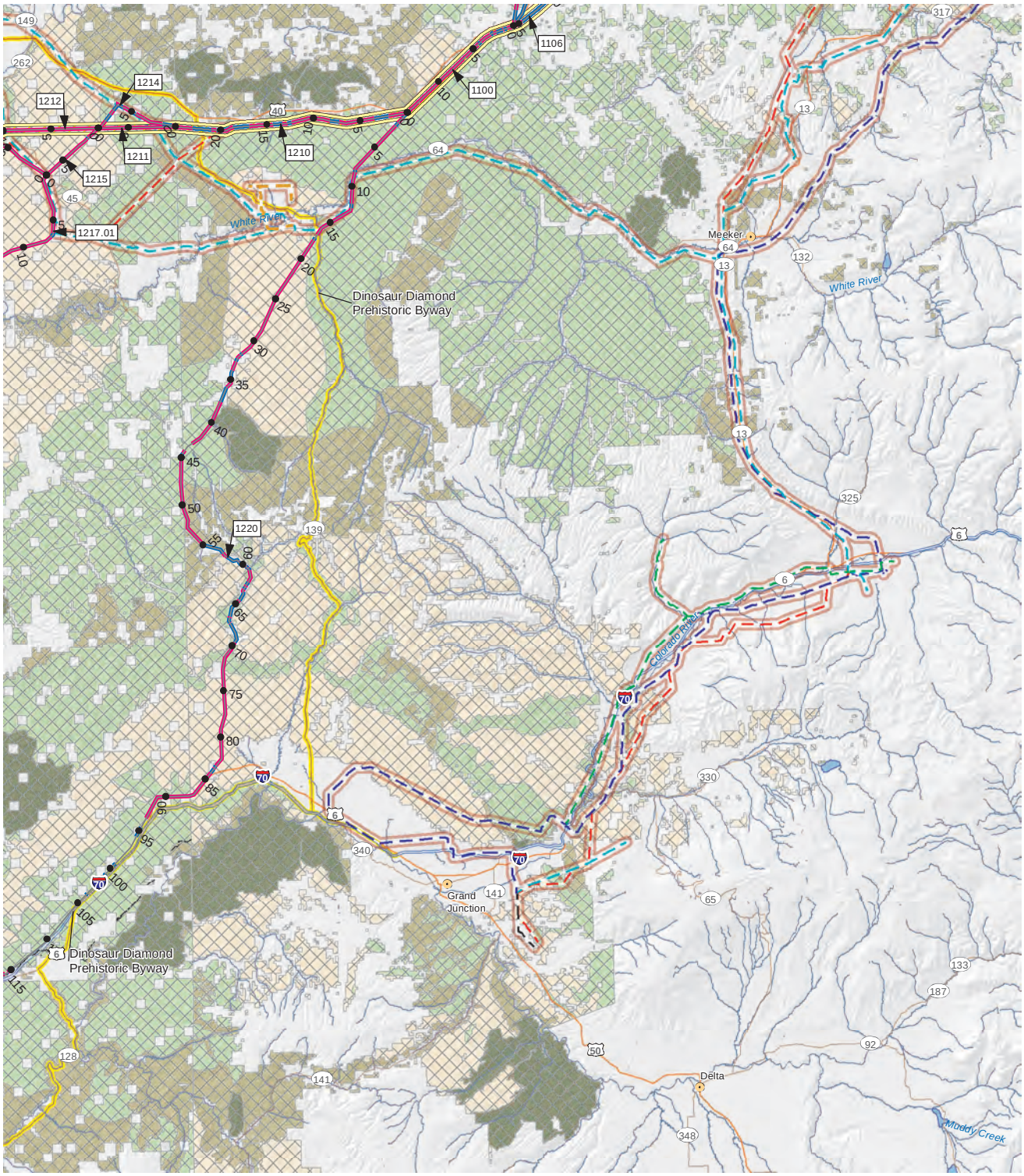

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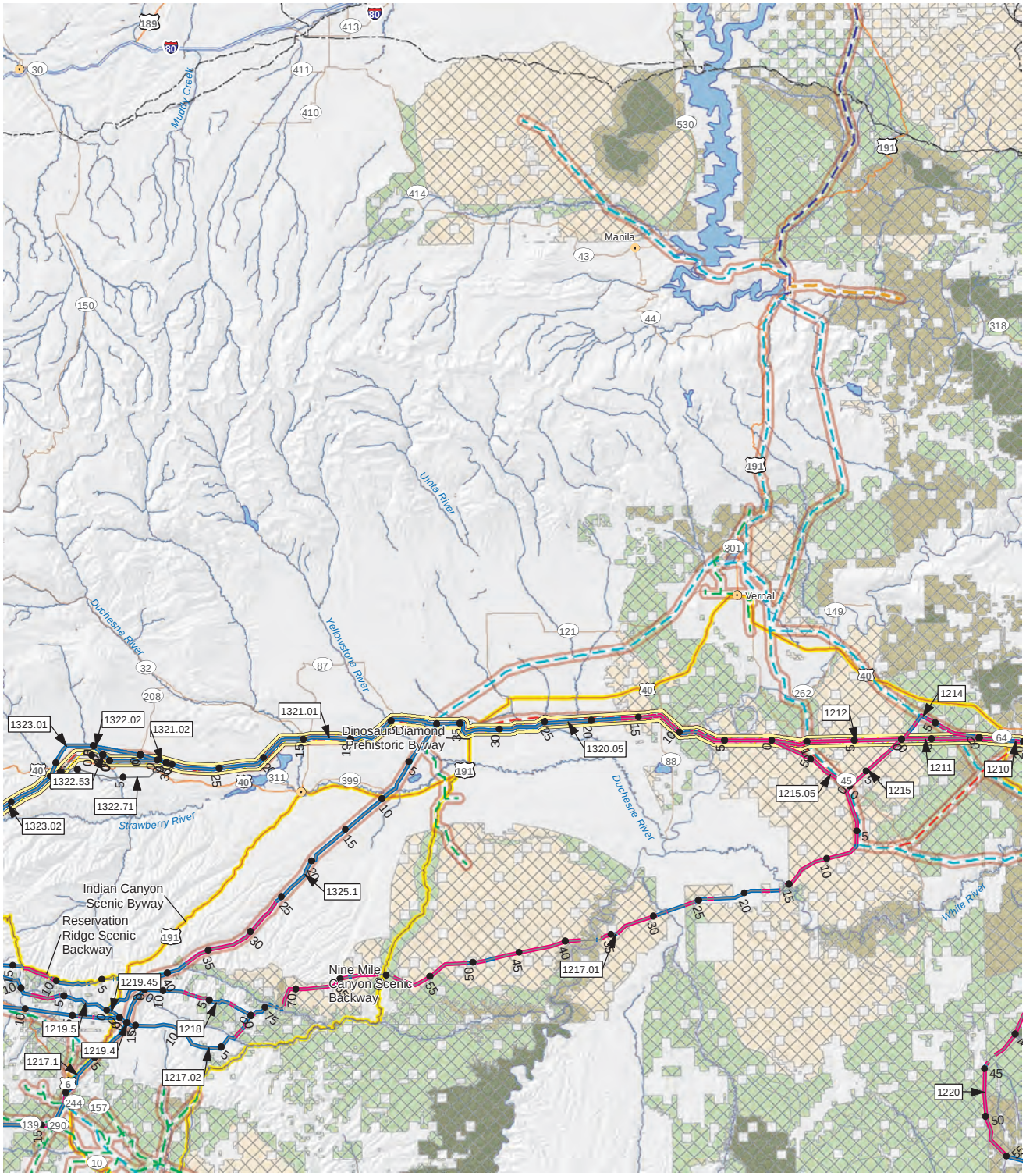

Reference Line
Conformance/Consistent-NA
Conformance/Consistent
Trail
Historic Trail
Agency Preferred Alternative
Scenic Byways/Backways

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV
345-kV
230- to 287-kV
138- to 161-kV
115-kV
Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 3 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000

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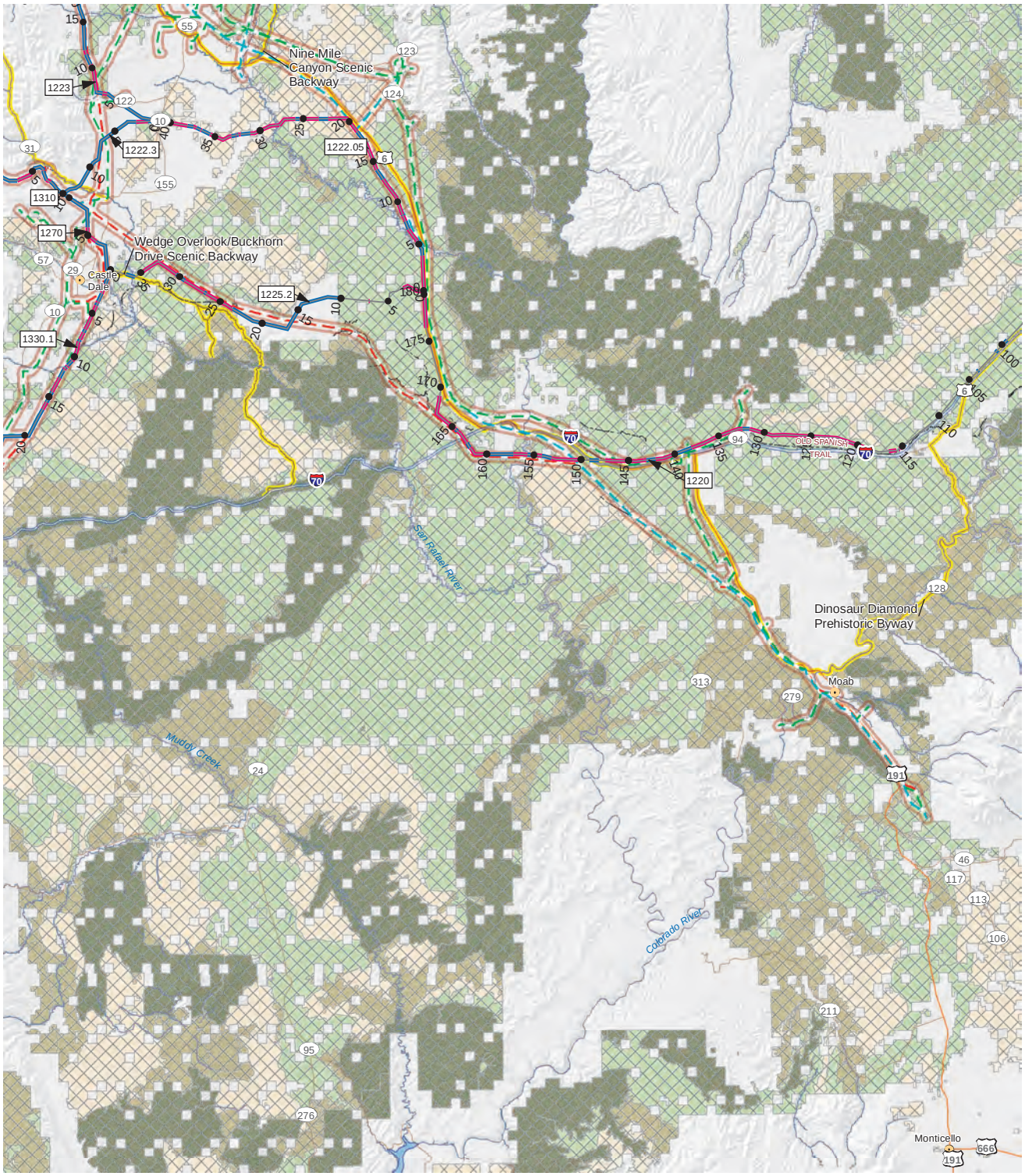

Reference Line
Conformance/Consistent-NA
Conformance/Consistent
Trail
Historic Trail
Agency Preferred Alternative
Scenic Byways/Backways

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
345-kV
Below 100-kV
138- to 161-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 4 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000

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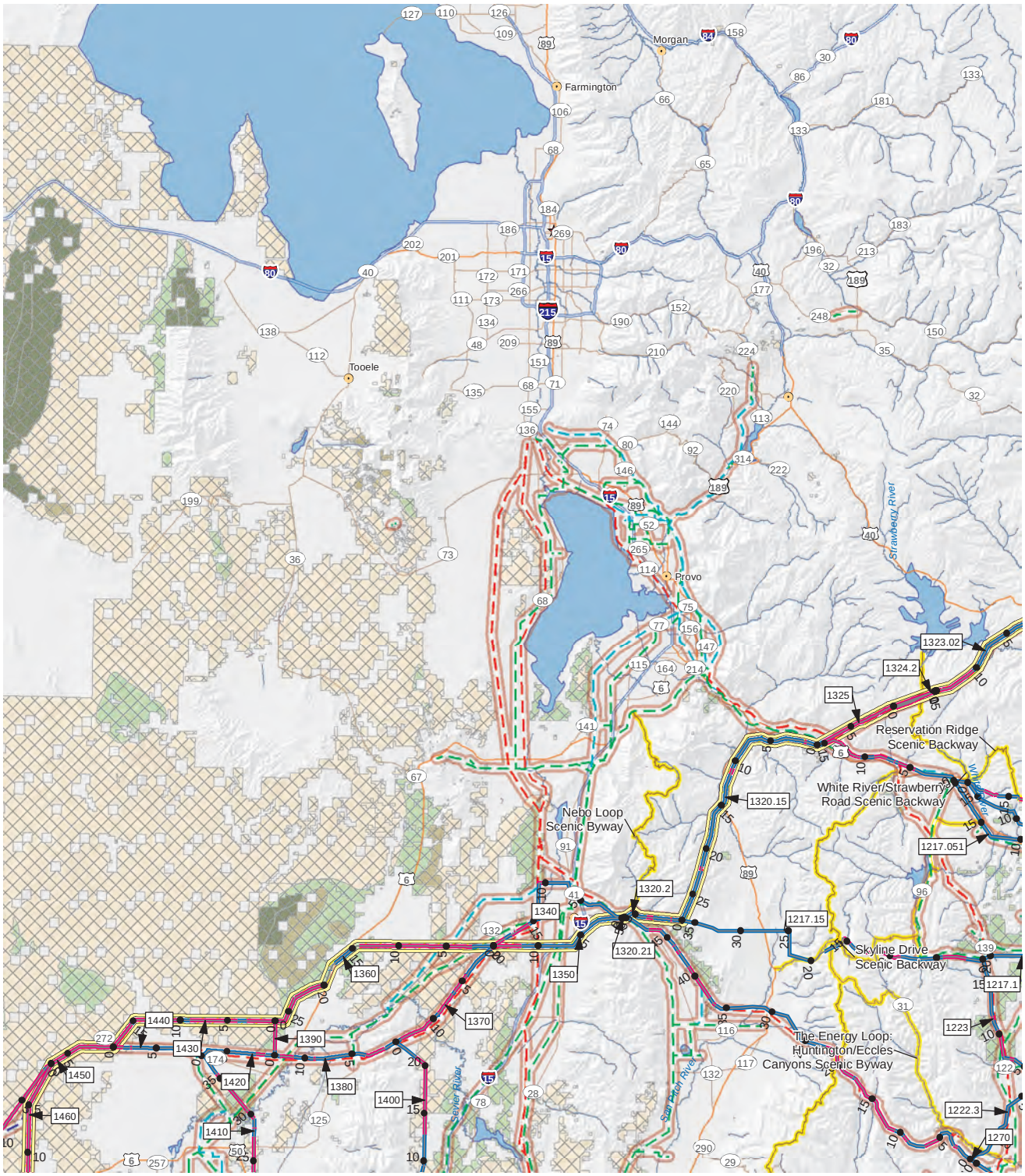

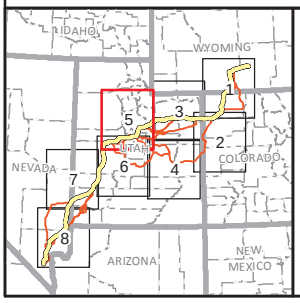

Reference Line
Conformance/Consistent-NA
Conformance/Consistent
Trail
Historic Trail
Agency Preferred Alternative
Scenic Byways/Backways

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 5 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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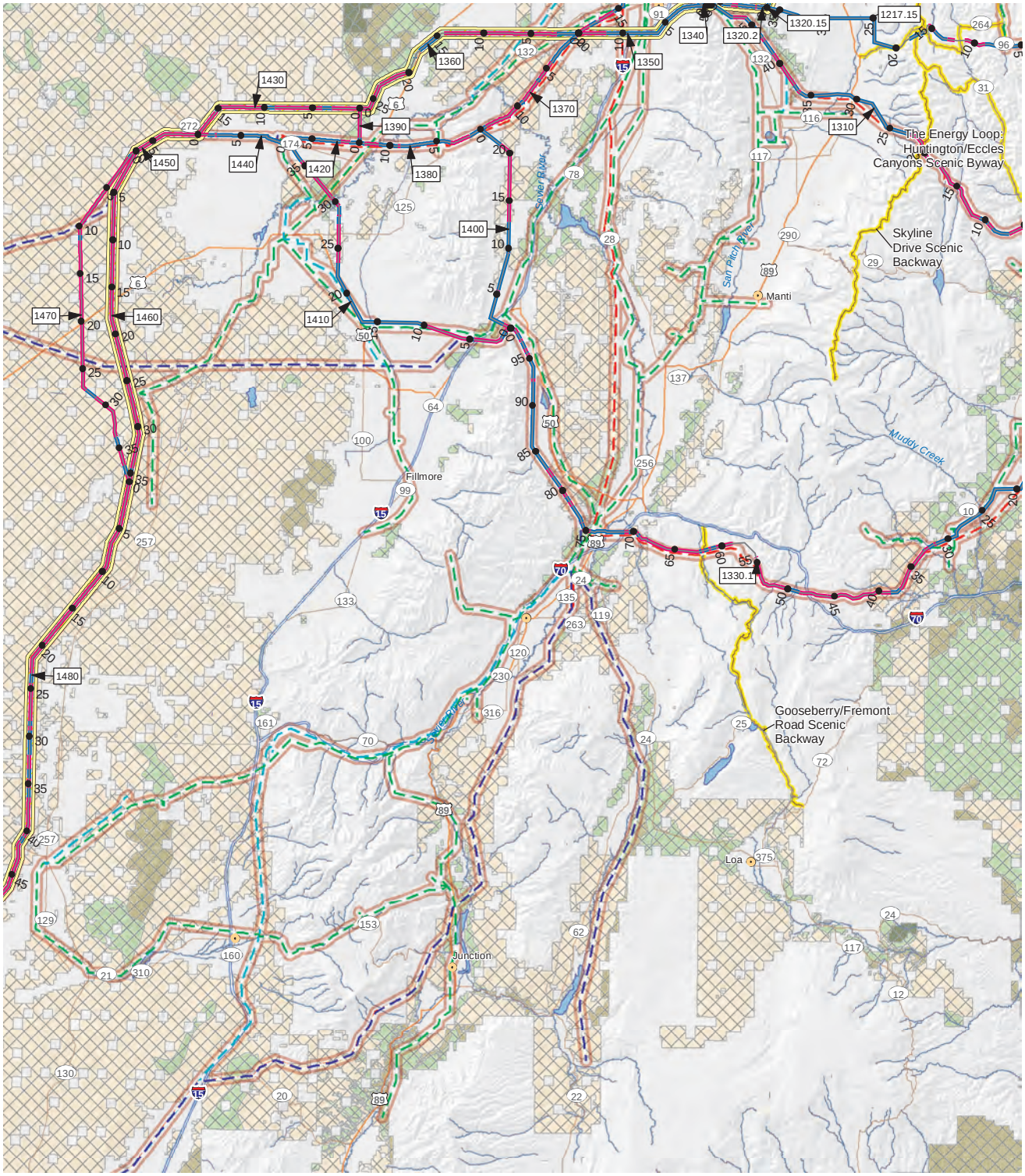

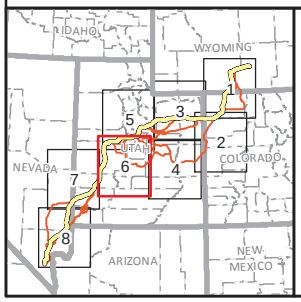

Reference Line
Conformance/Consistent-NA
Conformance/Consistent
Trail
Historic Trail
Agency Preferred Alternative
Scenic Byways/Backways

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
345-kV
230- to 287-kV
138- to 161-kV
Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 6 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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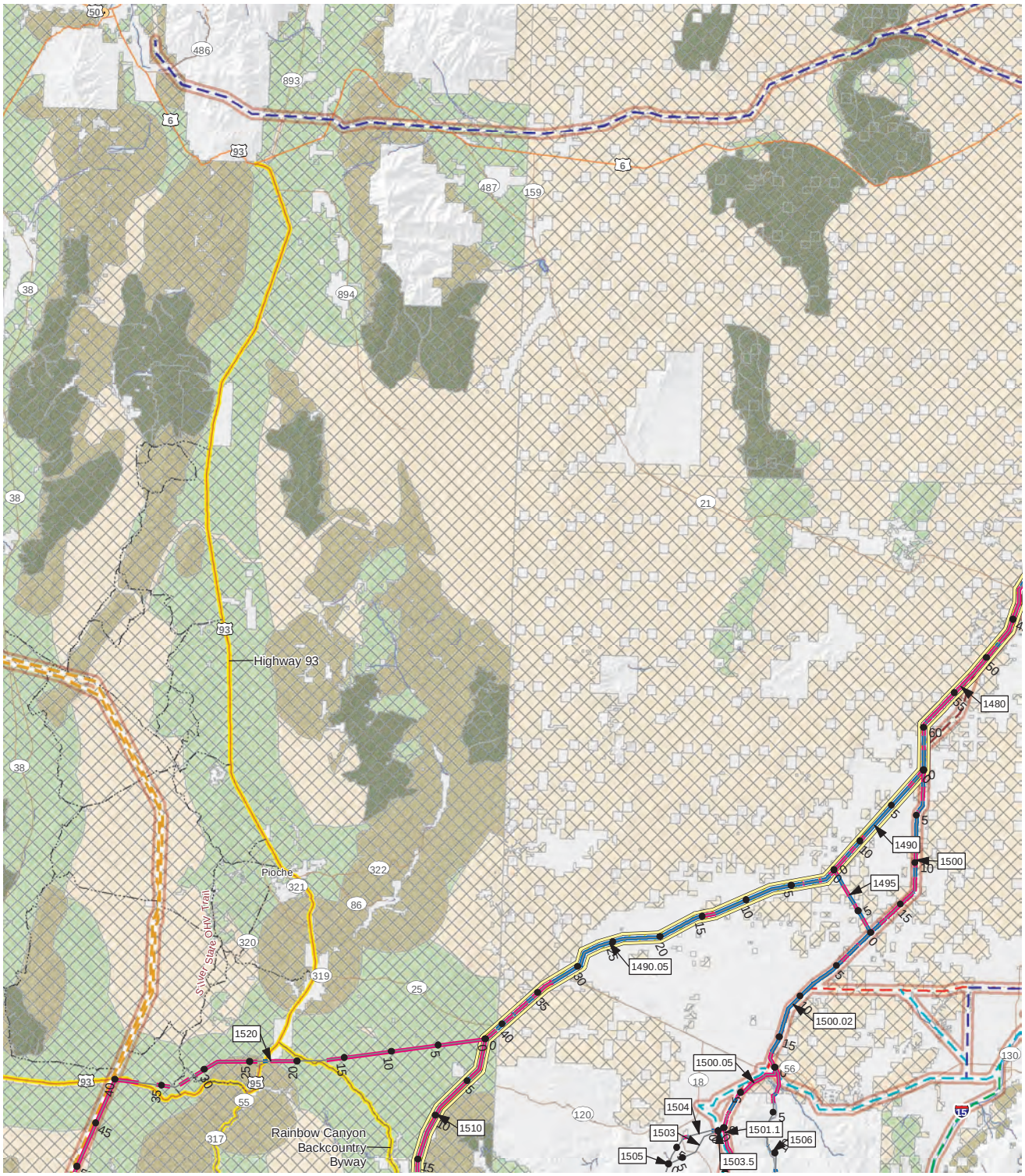

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 7 of 8

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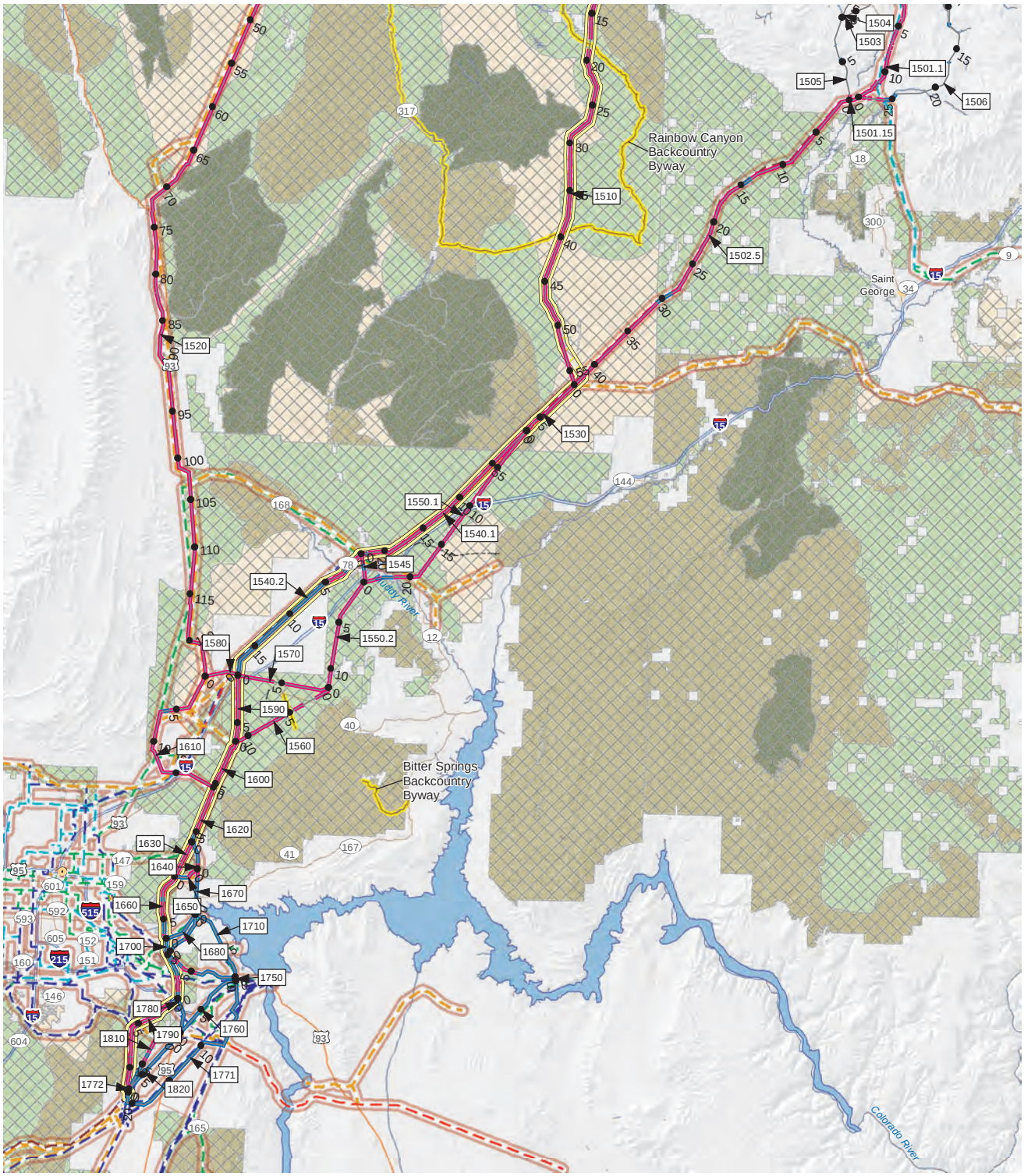

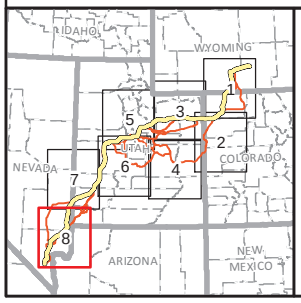

Reference Line
Conformance/Consistent-NA
Conformance/Consistent
Trail
Historic Trail
Agency Preferred Alternative
Scenic Byways/Backways

VRM Class
I
II
III
IV

SIO, VQO Class
SIO, Very High; VQO, Preservation
SIO, High; VQO, Retention
SIO, Moderate; VQO, Partial Retention
VQO, Modification
VQO, Maximum Modification
Existing Transmission Line 1/2 Mile Buffer

Existing Transmission Line
500-kV +/- DC
500-kV
345-kV
230- to 287-kV
138- to 161-kV
Below 100-kV

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-15
Visual Resource Conformance or Consistency with Land Use Plans
Map 8 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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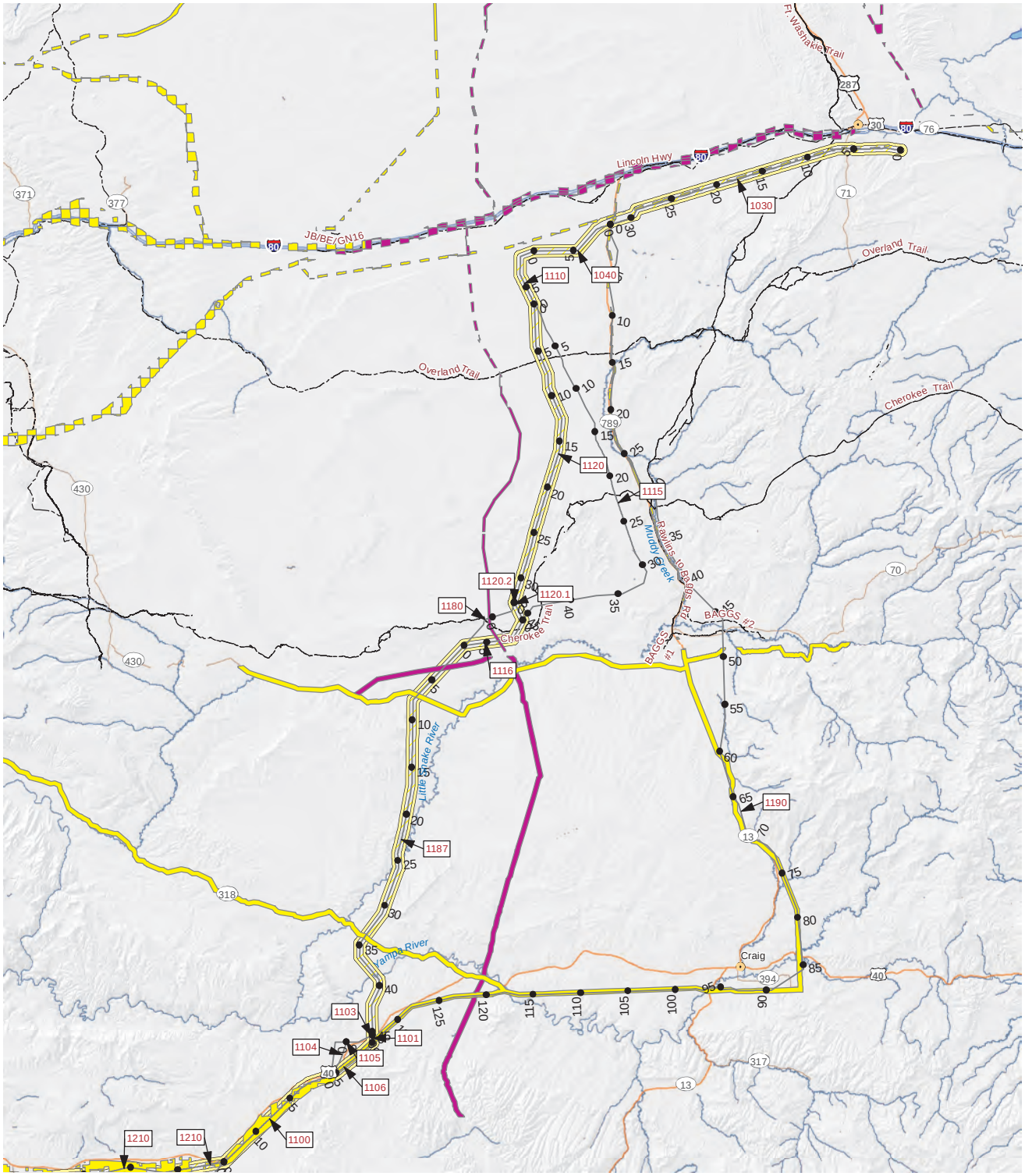
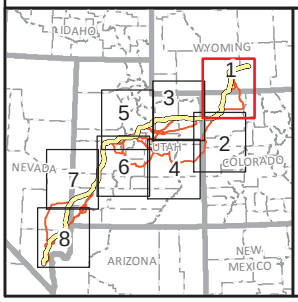




Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

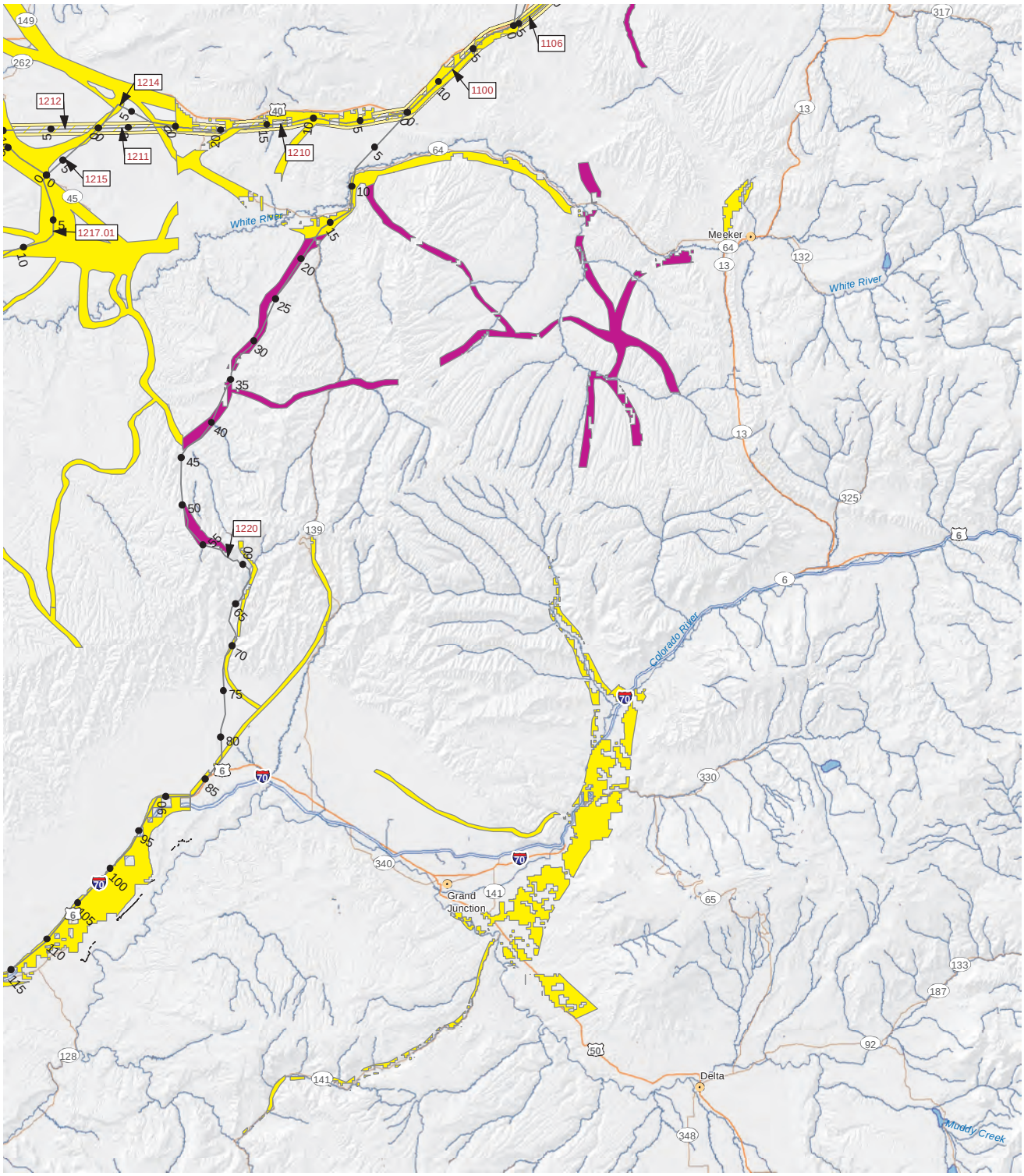
Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

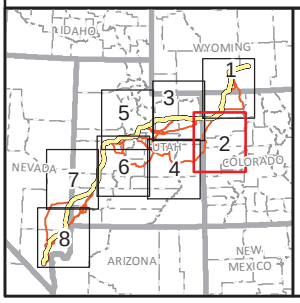
TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 1 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

K:\Projects_4\TransWestExpress\12907_003_Transwest_Express\Figures\DocumentFigures\2014_PFEIS_v2\Visual\Appendix\Fig_I_16_UtilityCorr_1M.mxd





Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

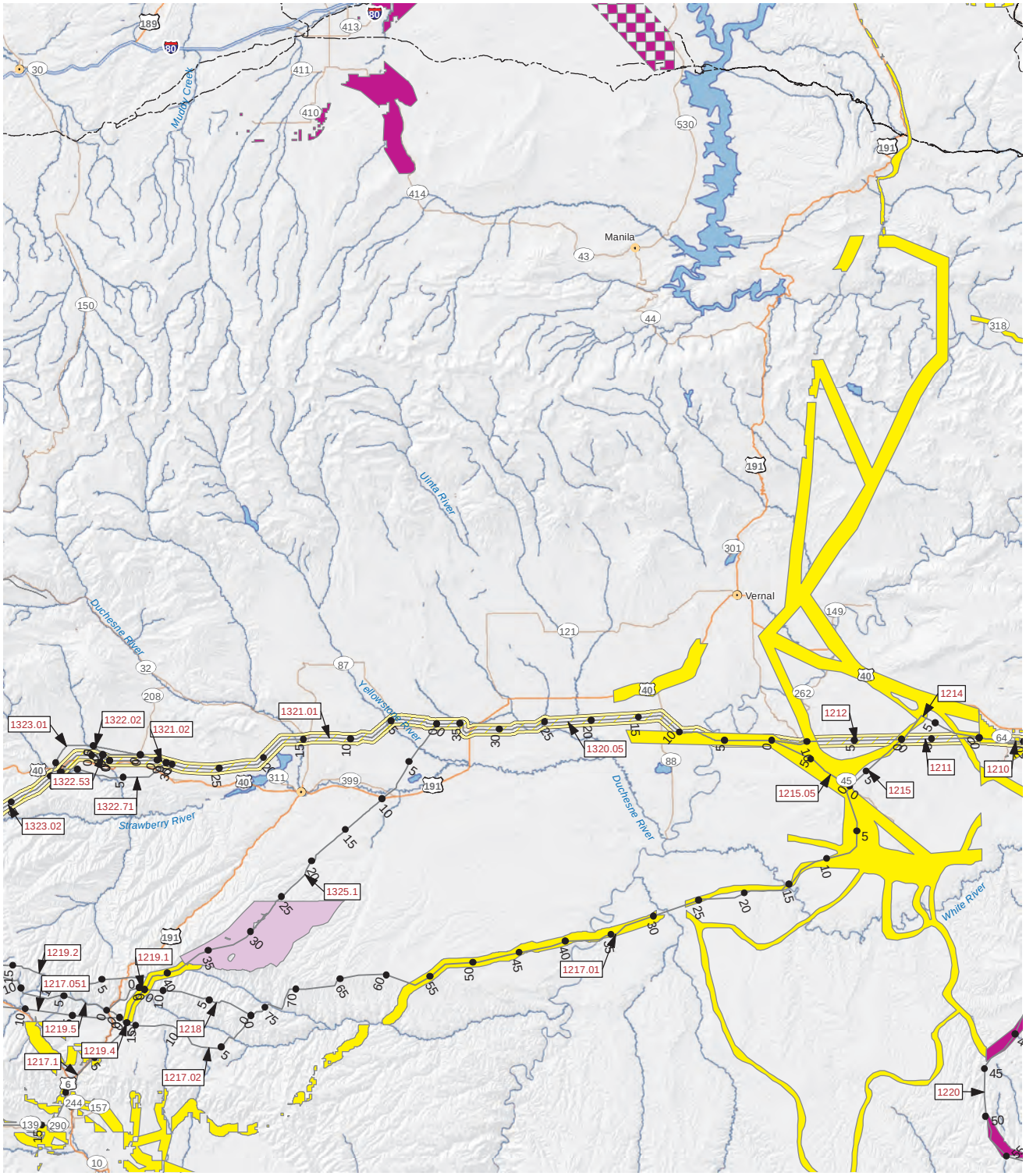
Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

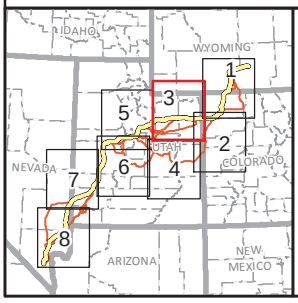
TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 2 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

K:\Projects_4\TransWestExpress\12907_003_Transwest_Express\Figures\DocumentFigures\2014_PFEIS_v2\Visual\Appendix\Fig_I_16_UtilityCorr_1M.mxd





Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 3 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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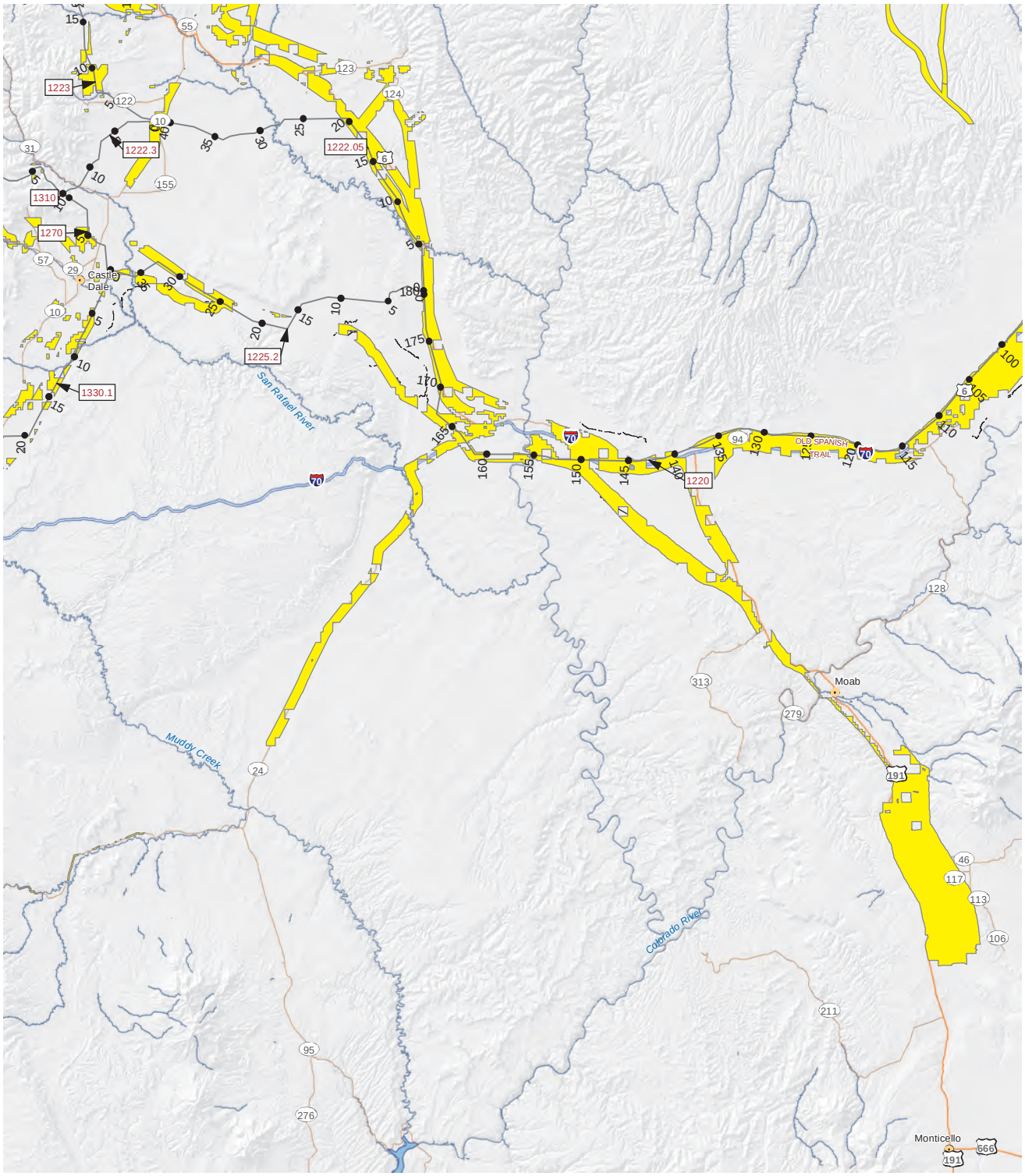

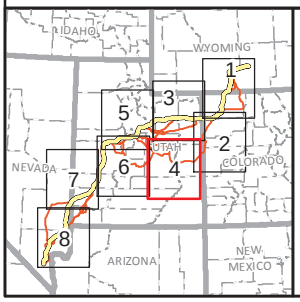

Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 4 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000

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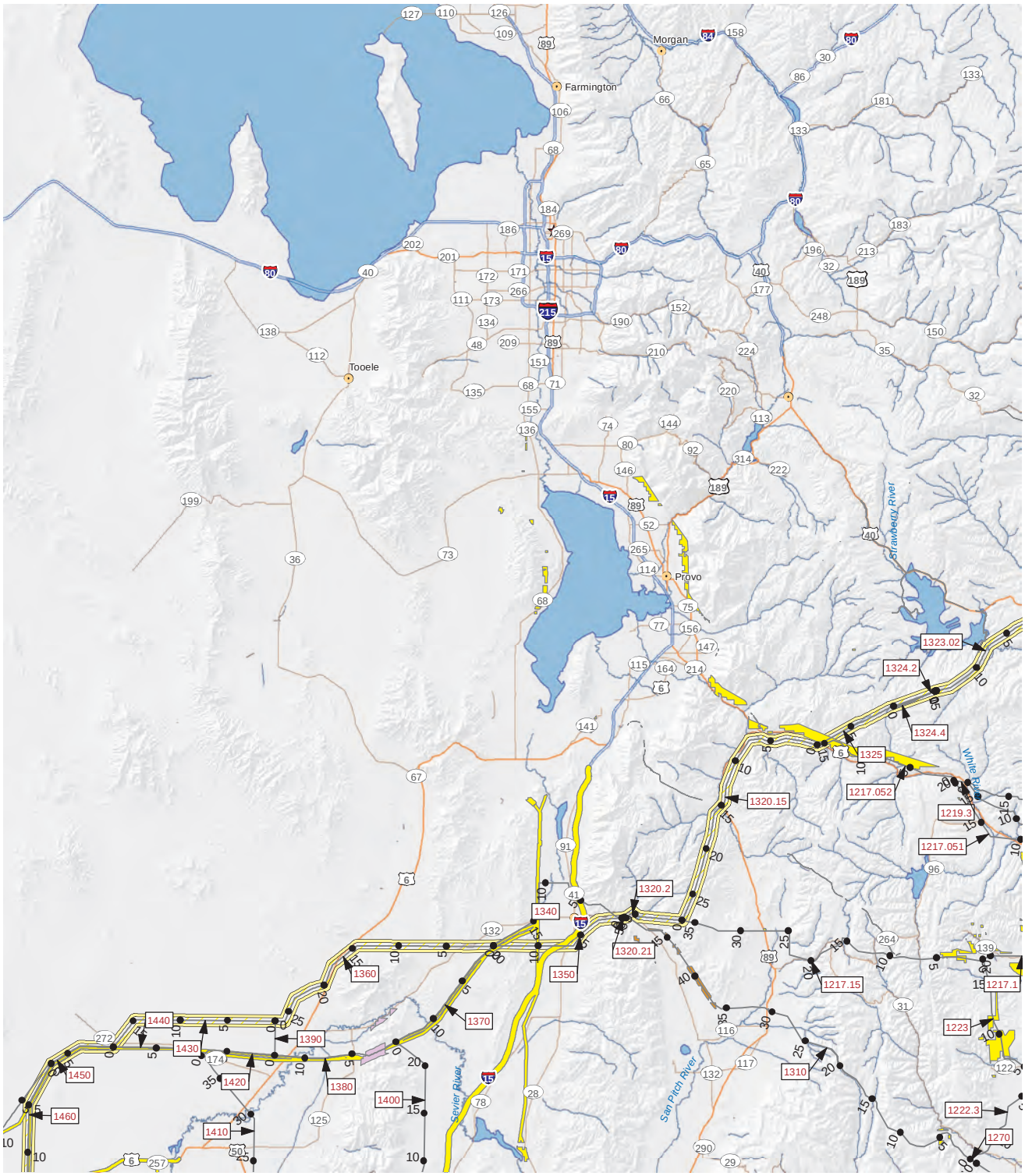

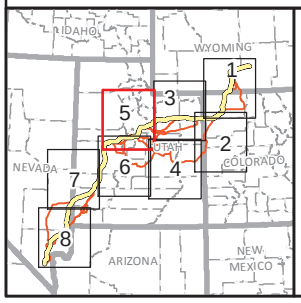

Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 5 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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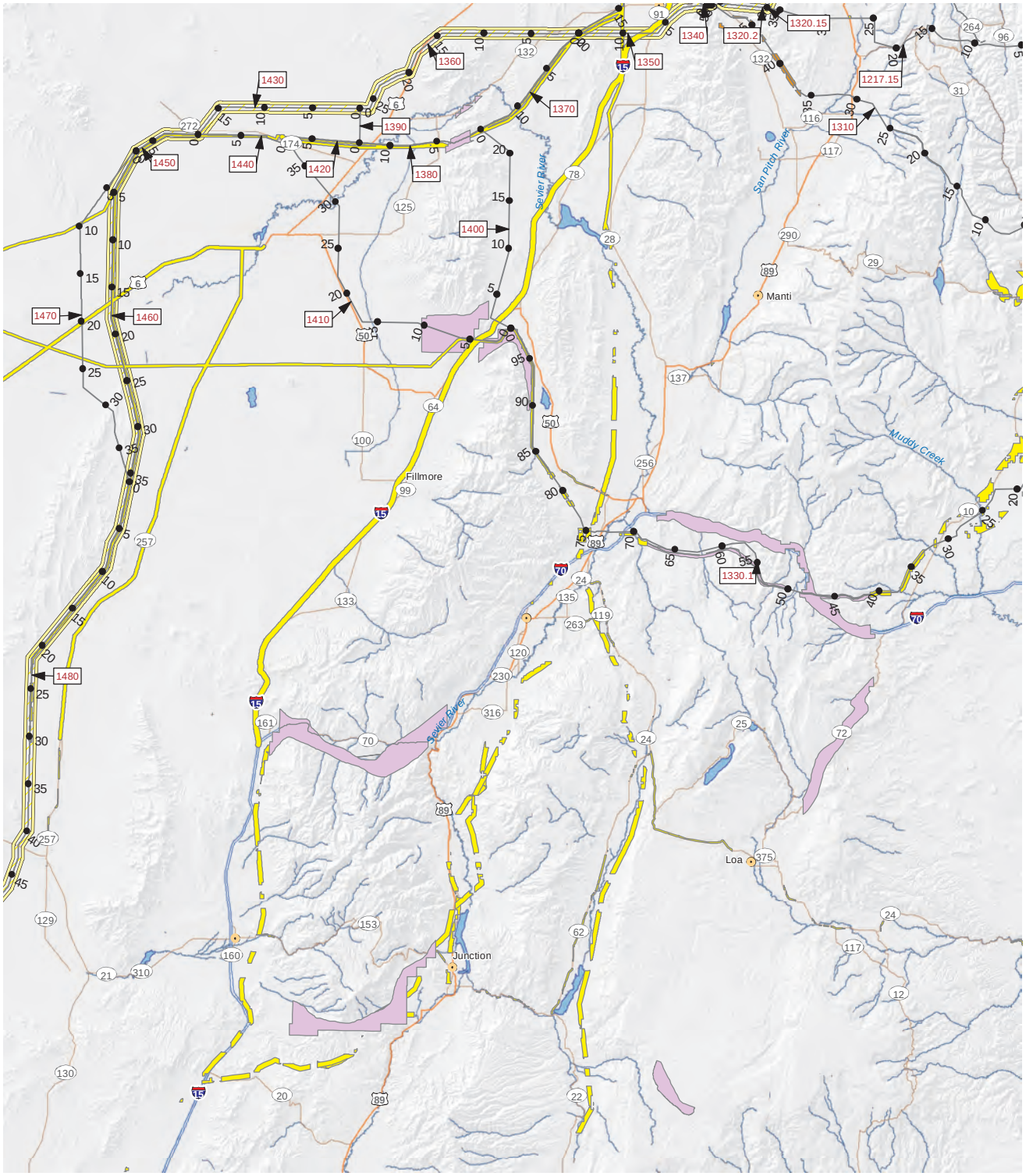

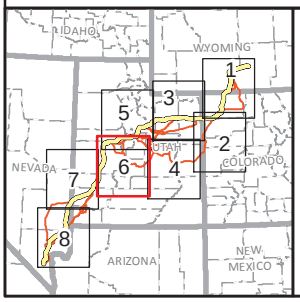

Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 6 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

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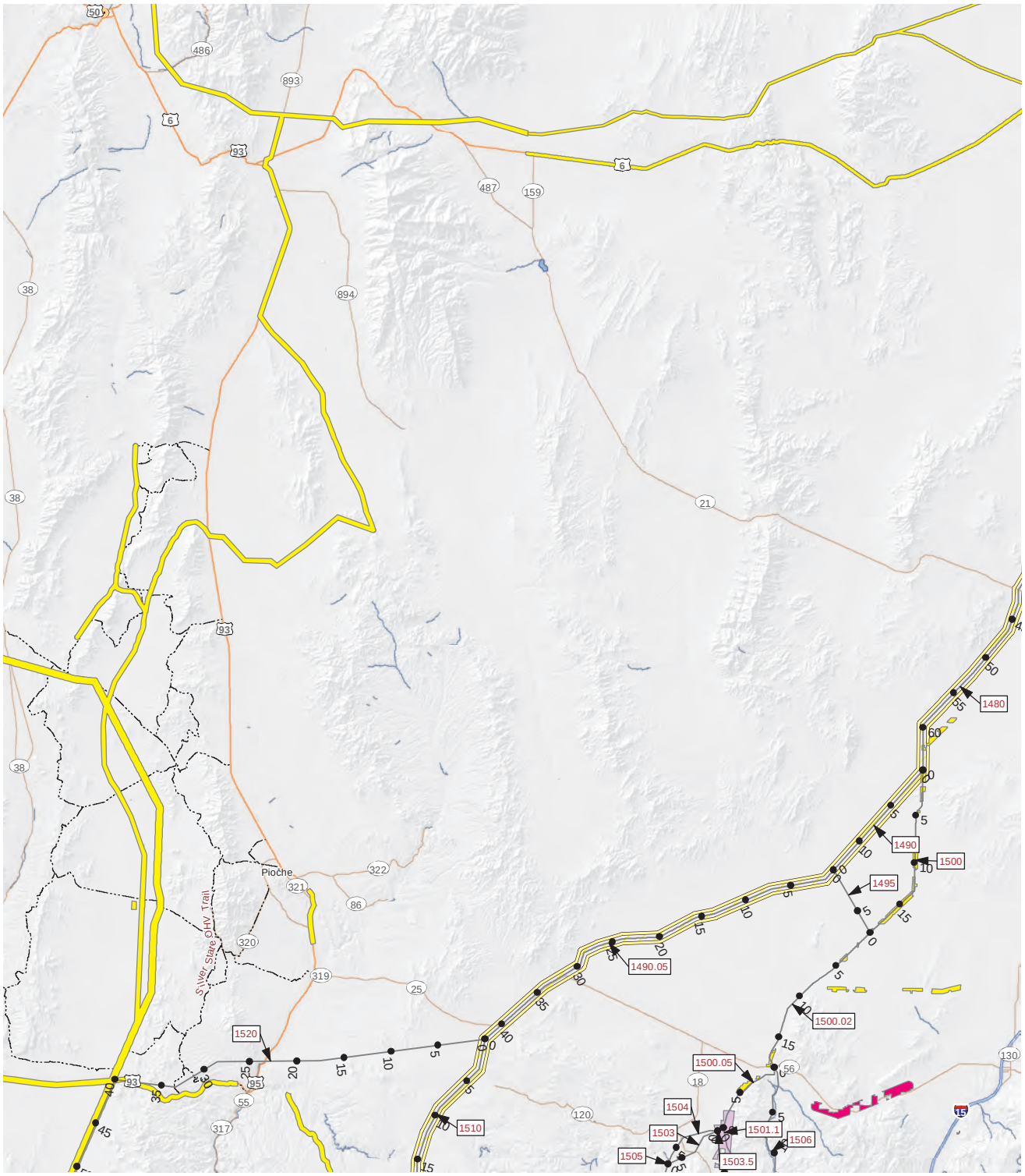

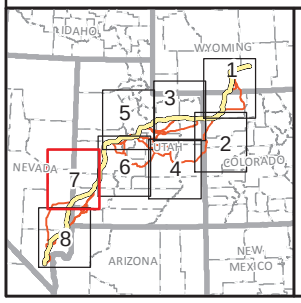

Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 7 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N

Western AREA POWER ADMINISTRATION

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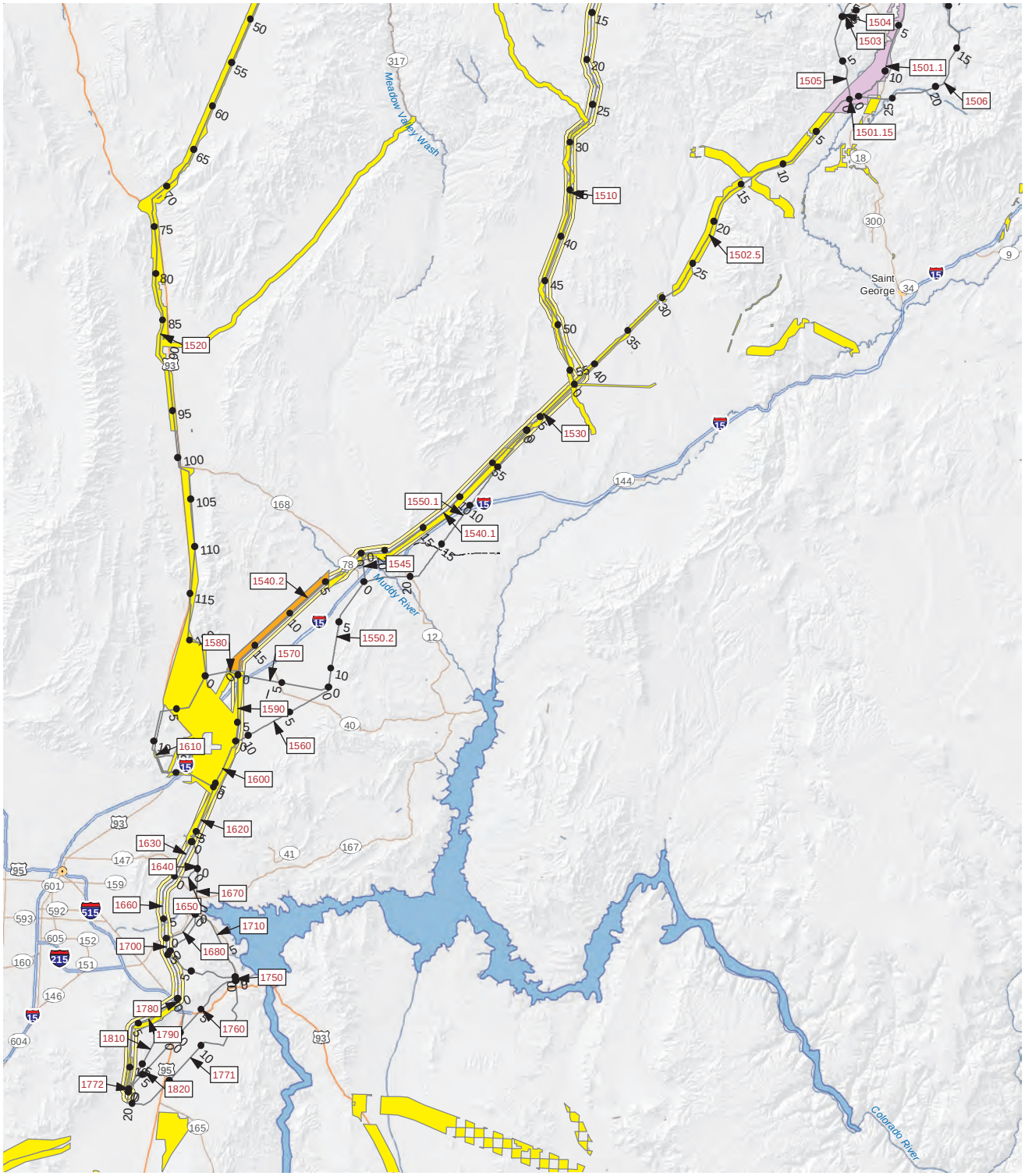

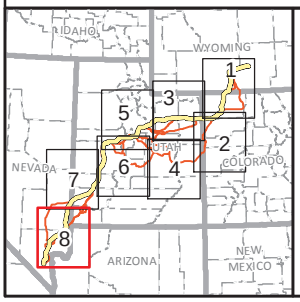

Reference Line
Agency Preferred Alternative
Trail
Historic Trail
State Capital
Town

Utility Corridor
Designated
Designated Corridor
Designated on top
Power line
Proposed
Underground
Window
off

TRANSWEST EXPRESS TRANSMISSION PROJECT

Figure I-16
Utility Corridors
Map 8 of 8

0 5 10 20 Miles
0 5 10 20 km
1:1,000,000
N