

Action Alternatives Supporting Information

Table A-1. Indian Canyon Alternative Project Features by Land Status

	Land Status						Total
	BLM	Private	SITLA	Tribal	UDOT	Forest Service	
Project Footprint (Acres)							
Rail Line Footprint	46.3	847.3	158.5	121.2	0.3	166.9	1,340.5
Temporary Footprint	72.8	1,613.9	285.4	257.3	4.3	234.1	2,467.8
Project Footprint (Total)	119.1	2,461.1	443.9	378.5	4.5	401.1	3,808.2
Alignment Length by Route Part (Miles)							
Mainline	2.4	51.4	4.4	8.1	--	12.0	78.2
Wye (Eastbound)	0.1	1.0	--	--	--	--	1.1
Wye (Westbound)	--	0.9	0.4	--	--	--	1.2
Total	2.5	53.2	4.8	8.1	--	12.0	80.5
Alignment Length by Grade (Miles)							
At-Grade	2.5	50.4	4.2	8.1	--	9.3	74.5
Bridge	0.0	1.1	0.6	0.0	--	0.0	1.7
Tunnel	--	1.7	--	--	--	2.6	4.3
Total	2.5	53.2	4.8	8.1	--	12.0	80.5
Tunnels - From/To Milepost (Miles)							
MP: 18.366 - 21.45	--	1.7	--	--	--	1.4	3.1
MP: 22.501 - 23.046	--	--	--	--	--	0.5	0.5
MP: 23.948 - 24.616	--	--	--	--	--	0.7	0.7
Total	--	1.7	--	--	--	2.6	4.3
Sidings (Miles)							
Sidings	--	6.8	--	2.0	--	3.7	12.4
Communications Towers (Number)							
Towers	--	4	--	--	--	--	4
Cut/Fill (Acres)							
Area of Cut/Fill	40.5	655.6	149.0	87.5	0.1	136.5	1,069.2
Road Relocations (Miles)							
Road Relocations	0.33	9.08	1.52	0.62	0.01	0.24	11.79
Stream Realignments (Miles)							
Stream Realignments	--	2.4	0.2	0.3	--	1	3.9
Bridges and Culverts (Number)							
Rail Bridges	--	26	4	--	--	1	31
Road Bridges	--	1	--	1	--	--	2
Culverts	13	240	19	51	--	49	372
Road Crossings (Number) ^a							
At-Grade - Public	--	--	--	--	--	--	8
At-Grade - Private	--	--	--	--	--	--	45
Total At-Grade Crossings	--	--	--	--	--	--	53

	Land Status						Total
	BLM	Private	SITLA	Tribal	UDOT	Forest Service	
Grade-Separated - Public	--	--	--	--	--	--	10
Grade-Separated - Private	--	--	--	--	--	--	6
Total Grade-Separated Crossings	--	--	--	--	--	--	16

Notes:

^a Management of public and private roads varies by land ownership type; therefore, only the total number of crossings are shown.

BLM = Bureau of Land Management; SITLA = School and Institutional Trust Lands Administration; UDOT = Utah Department of Transportation; Forest Service = United States Forest Service; MP = Milepost

Table A-2. Wells Draw Alternative Project Features by Land Status

	Land Status						Total
	BLM	Private	SITLA	Tribal	UDOT	Forest Service	
Project Footprint (Acres)							
Rail Line Footprint	1,571.1	662.2	326.7	--	0.0	--	2,560.1
Temporary Footprint	3,246.2	1,293.2	554.4	--	1.5	--	5,095.2
Project Footprint (Total)	4,817.3	1,955.4	881.1	--	1.5	--	7,655.3
Alignment Length by Route Part (Miles)							
Mainline	57.0	35.4	8.5	--	--	--	100.9
Wye (Eastbound)	0.1	1.0	--	--	--	--	1.1
Wye (Westbound)	--	0.9	0.4	--	--	--	1.2
Total	57.2	37.2	8.8	--	--	--	103.3
Alignment Length by Grade (Miles)							
At-Grade	55.1	32.5	8.0	--	--	--	95.6
Bridge	0.3	0.9	0.8	--	--	--	2.1
Tunnel	1.7	3.8	0.1	--	--	--	5.6
Total	57.2	37.2	8.8	--	--	--	103.3
Tunnels - From/To Milepost (Miles)							
MP: 18.366 - 21.893	--	3.5	--	--	--	--	3.5
MP: 24.629 - 24.765	--	0.1	--	--	--	--	0.1
MP: 24.888 - 24.992	--	0.1	--	--	--	--	0.1
MP: 25.996 - 26.09	0.1	--	--	--	--	--	0.1
MP: 26.346 - 26.431	0.1	--	--	--	--	--	0.1
MP: 28.626 - 28.913	0.3	--	--	--	--	--	0.3
MP: 29.604 - 29.689	--	--	0.1	--	--	--	0.1
MP: 30.236 - 30.343	0.1	--	--	--	--	--	0.1
MP: 32.102 - 32.389	0.3	--	--	--	--	--	0.3
MP: 35.751 - 36.073	0.3	--	--	--	--	--	0.3
MP: 42.733 - 42.818	0.1	--	--	--	--	--	0.1
MP: 46.276 - 46.522	0.2	--	--	--	--	--	0.2

	Land Status						Total
	BLM	Private	SITLA	Tribal	UDOT	Forest Service	
MP: 47.346 - 47.554	0.2	--	--	--	--	--	0.2
Total	1.7	3.8	0.1	--	--	--	5.6
Sidings (Miles)							
Sidings	2.7	0.6	1.9	--	--	--	5.2
Communications Towers (Number)							
Towers	3	1	--	--	--	--	4
Cut/Fill (Acres)							
Area of Cut/Fill	1,441.7	542.1	308.0	--	--	--	2,291.7
Road Relocations (Miles)							
Road Relocations	5.72	5.34	2.67	--	0.01	--	13.74
Stream Realignments (Miles)							
Stream Realignments	0.2	0.6	0.6	--	--	--	1.4
Bridges and Culverts (Number)							
Rail Bridges	13	15	5	--	--	--	33
Road Bridges	2	1	--	--	--	--	3
Culverts	290	168	38	--	--	--	496
Road Crossings (Number)^a							
At-Grade - Public	--	--	--	--	--	--	27
At-Grade - Private	--	--	--	--	--	--	34
Total At-Grade Crossings	--	--	--	--	--	--	61
Grade-Separated - Public	--	--	--	--	--	--	19
Grade-Separated - Private	--	--	--	--	--	--	10
Total Grade-Separated Crossings	--	--	--	--	--	--	29

Notes:

^a Management of public and private roads varies by land ownership type; therefore, only the total number of crossings are shown.

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Table A-3. Whitmore Park Alternative Project Features by Land Status

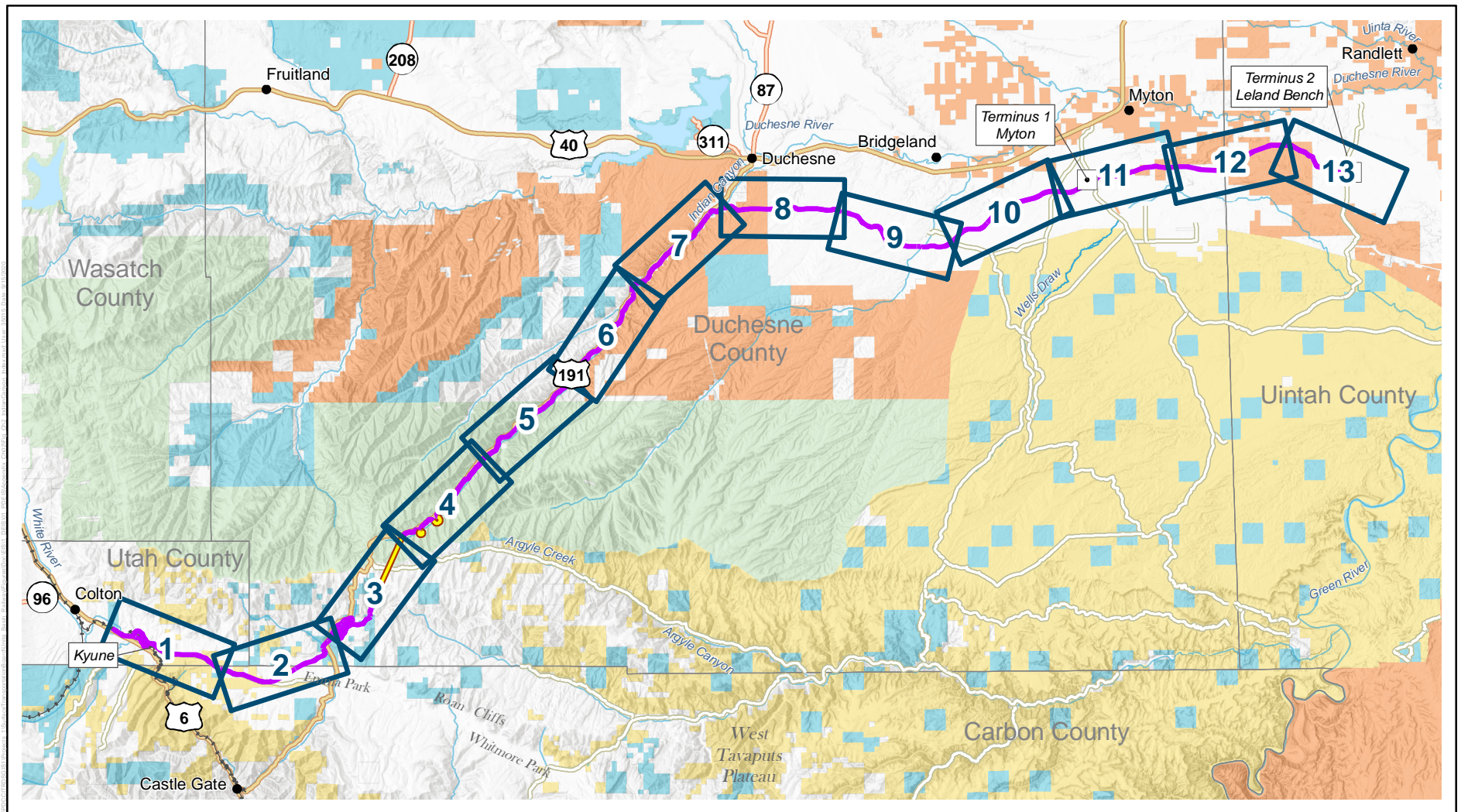
	Land Status						Total
	BLM	Private	SITLA	Tribal	UDOT	Forest Service	
Project Footprint (Acres)							
Rail Line Footprint	--	1,042.4	102.5	118.4	0.2	167.1	1,430.6
Temporary Footprint	--	2,312.4	283.0	254.9	3.6	233.8	3,087.7
Project Footprint (Total)	--	3,354.8	385.5	373.3	3.8	400.9	4,518.3
Alignment Length by Route Part (Miles)							
Mainline	--	61.1	4.1	8.1	--	12.0	85.2
Wye (Eastbound)	--	1.4	--	--	--	--	1.4

	Land Status						Total
	BLM	Private	SITLA	Tribal	UDOT	Forest Service	
Wye (Westbound)	--	0.7	0.4	--	--	--	1.1
Total	--	63.2	4.5	8.1	--	12.0	87.7
Alignment Length by Grade (Miles)							
At-Grade	--	59.4	3.9	8.1	--	9.3	80.6
Bridge	--	1.1	0.2	0.0	--	0.0	1.4
Tunnel	--	2.7	0.3	--	--	2.6	5.7
Total	--	63.2	4.5	8.1	--	12.0	87.7
Tunnels - From/To Milepost (Miles)							
MP: 20.397 - 20.839	--	0.4	--	--	--	--	0.4
MP: 21.635 - 22.547	--	0.6	0.3	--	--	--	0.9
MP: 23.775 - 26.859	--	1.7	--	--	--	1.4	3.1
MP: 27.91 - 28.455	--	--	--	--	--	0.5	0.5
MP: 29.357 - 30.025	--	--	--	--	--	0.7	0.7
Total	--	2.7	0.3	--	--	2.6	5.7
Sidings (Miles)							
Sidings	--	12.4	--	1.9	--	3.7	18.0
Communications Towers (Number)							
Towers	--	4	--	--	--	--	4
Cut/Fill (Acres)							
Area of Cut/Fill	--	829.0	94.8	83.7	0.1	136.8	1,144.4
Road Relocations (Miles)							
Road Relocations	--	11.21	1.78	0.62	--	0.24	13.84
Stream Realignments (Miles)							
Stream Realignments	--	2.5	0.1	0.2	--	0.9	3.8
Bridges and Culverts (Number)							
Rail Bridges	--	26	3	--	--	1	30
Road Bridges	--	--	--	1	--	--	1
Culverts	--	309	13	52	--	49	423
Road Crossings (Number)^a							
At-Grade - Public	--	--	--	--	--	--	17
At-Grade - Private	--	--	--	--	--	--	49
Total At-Grade Crossings	--	--	--	--	--	--	66
Grade-Separated - Public	--	--	--	--	--	--	7
Grade-Separated - Private	--	--	--	--	--	--	7
Total Grade-Separated Crossings	--	--	--	--	--	--	14

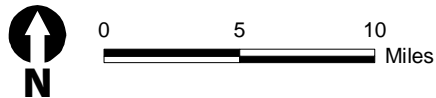
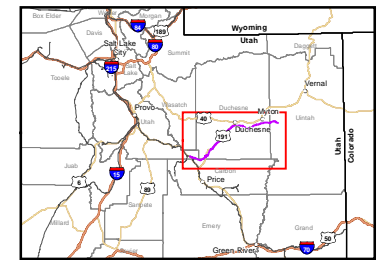
Notes:

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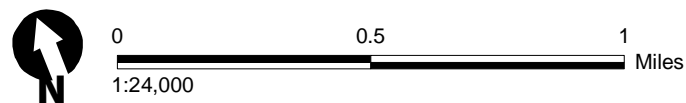
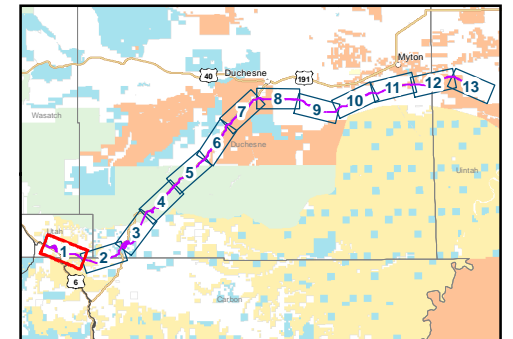
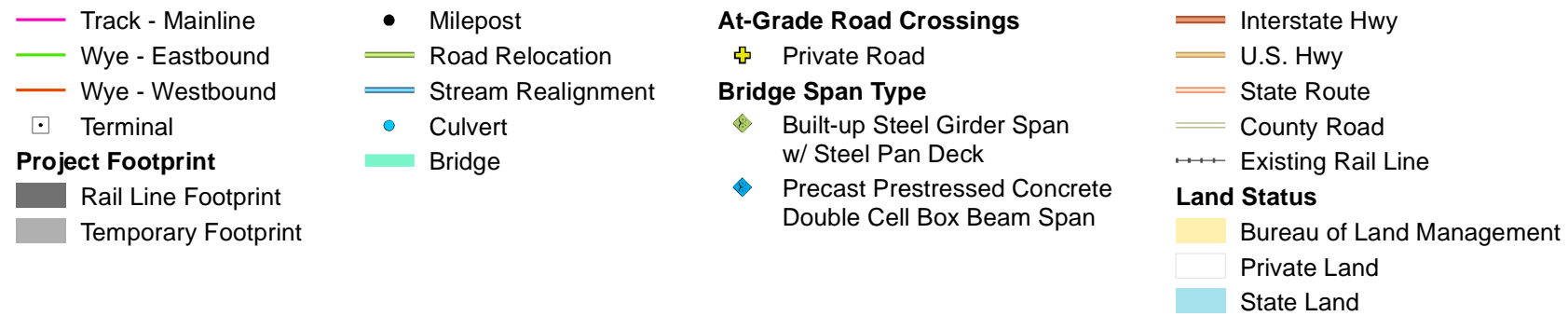
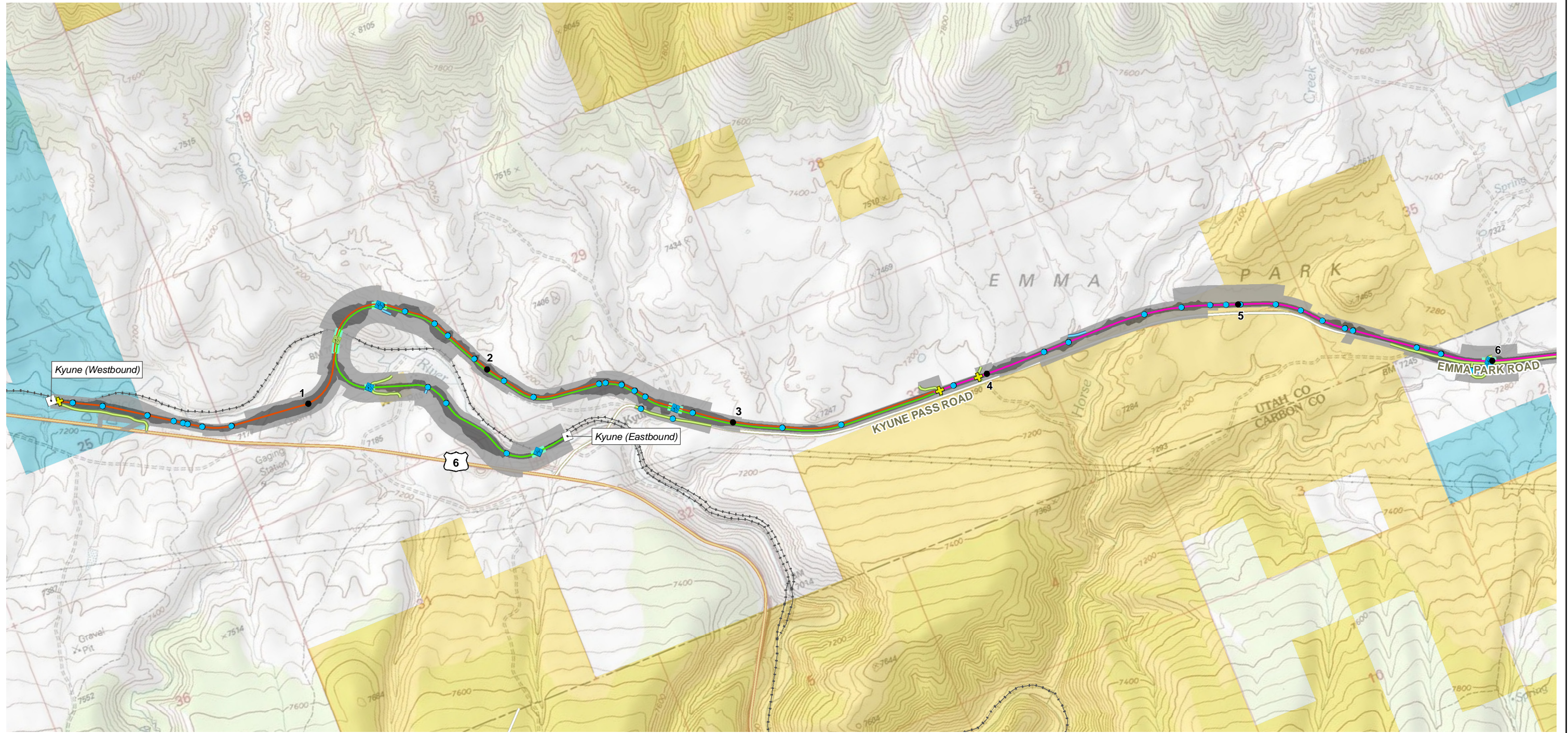


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|---------------------------|-------------|---------------------------|
| Indian Canyon Alternative | U.S. Hwy | Land Status |
| Terminal | State Route | Bureau of Land Management |
| Tunnel | County Road | Bureau of Reclamation |
| Existing Rail Line | Stream | Private Land |
| Map Sheet Index | Lake | State Land |
| | | Tribal Trust Land |
| | | U.S. Forest Service |

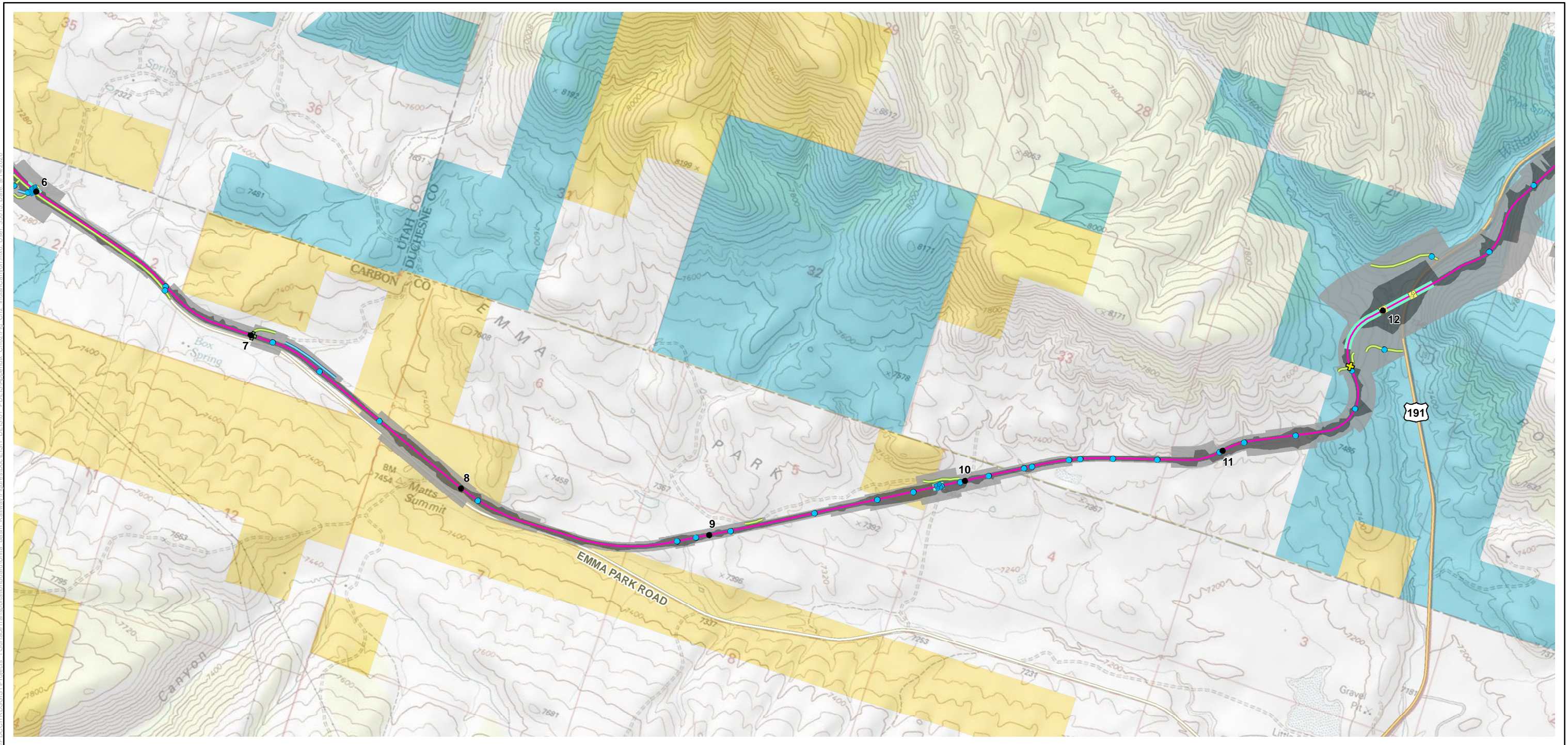


Indian Canyon Alternative Project Features

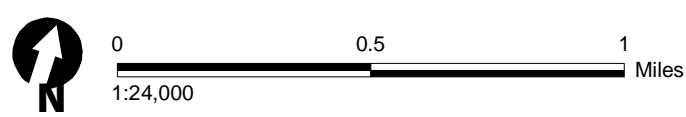
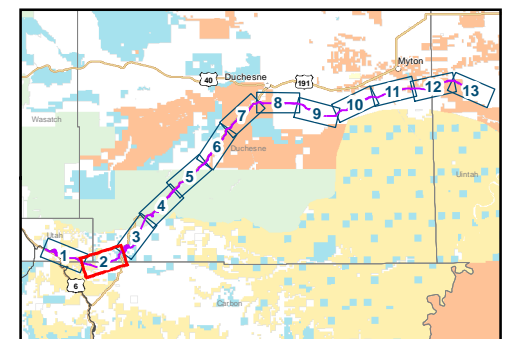
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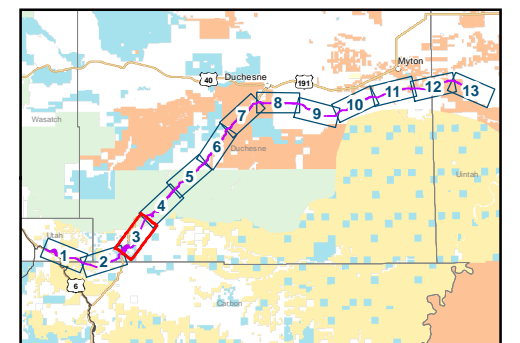
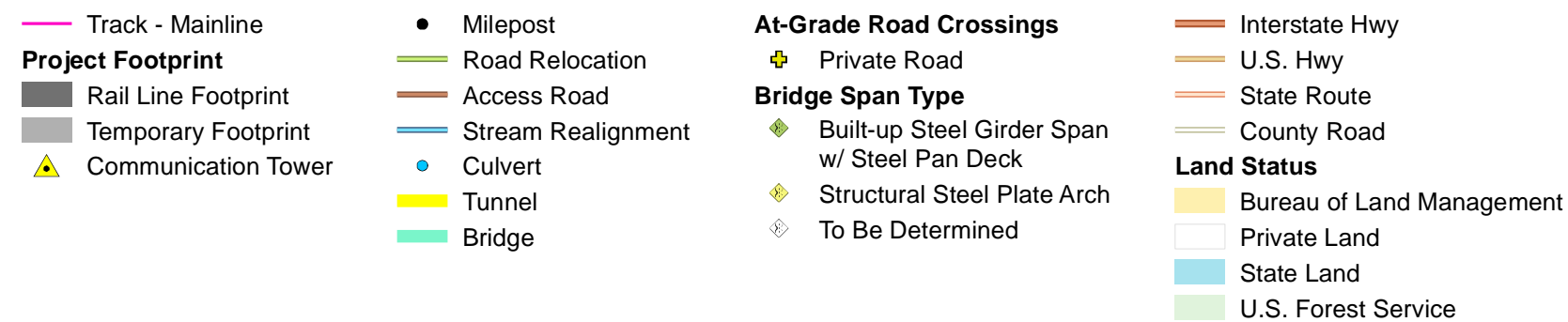
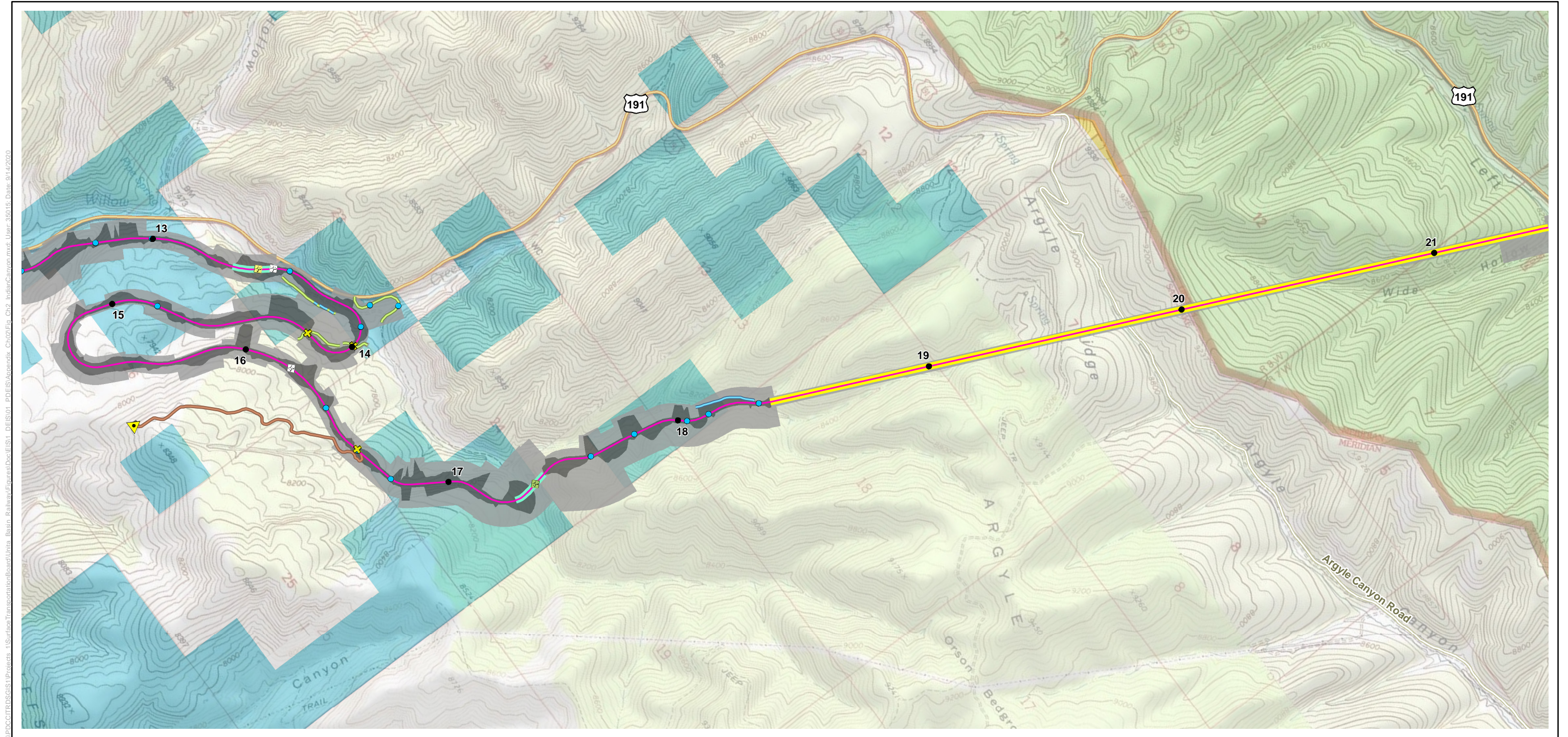
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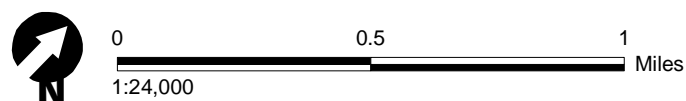
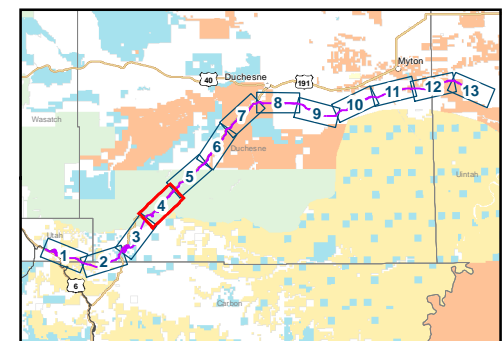
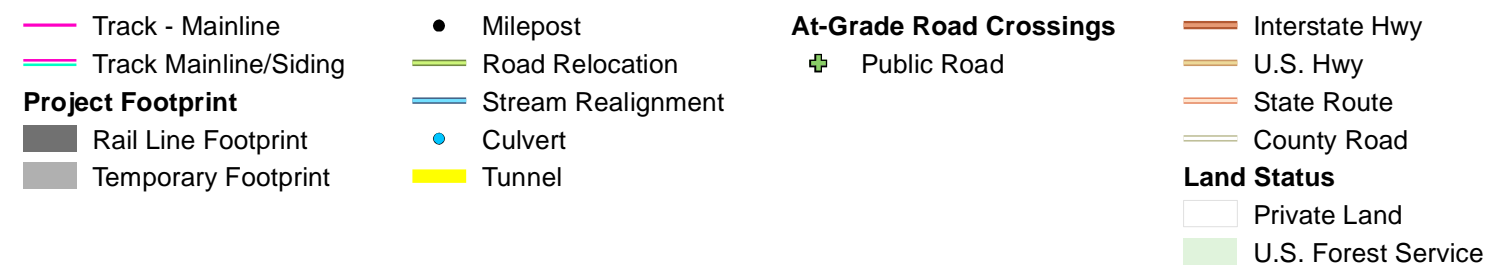
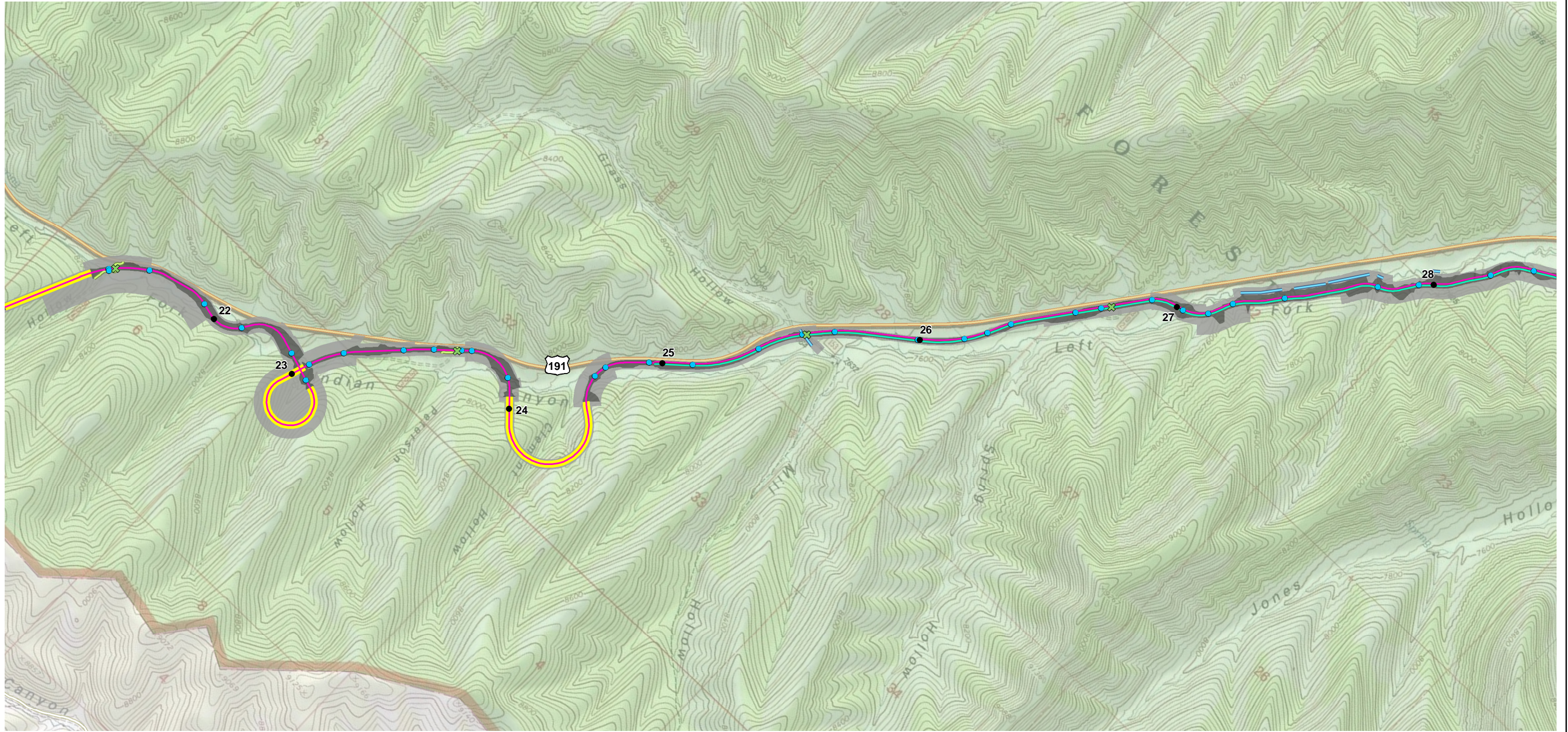
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|--------------------------|--------------------|--|---------------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Public Road | U.S. Hwy |
| Rail Line Footprint | Stream Realignment | Private Road | State Route |
| Temporary Footprint | Culvert | Bridge Span Type | County Road |
| | Bridge | Precast Prestressed Concrete Double Cell Box Beam Span | Land Status |
| | | Structural Steel Plate Arch | Bureau of Land Management |
| | | | Private Land |
| | | | State Land |



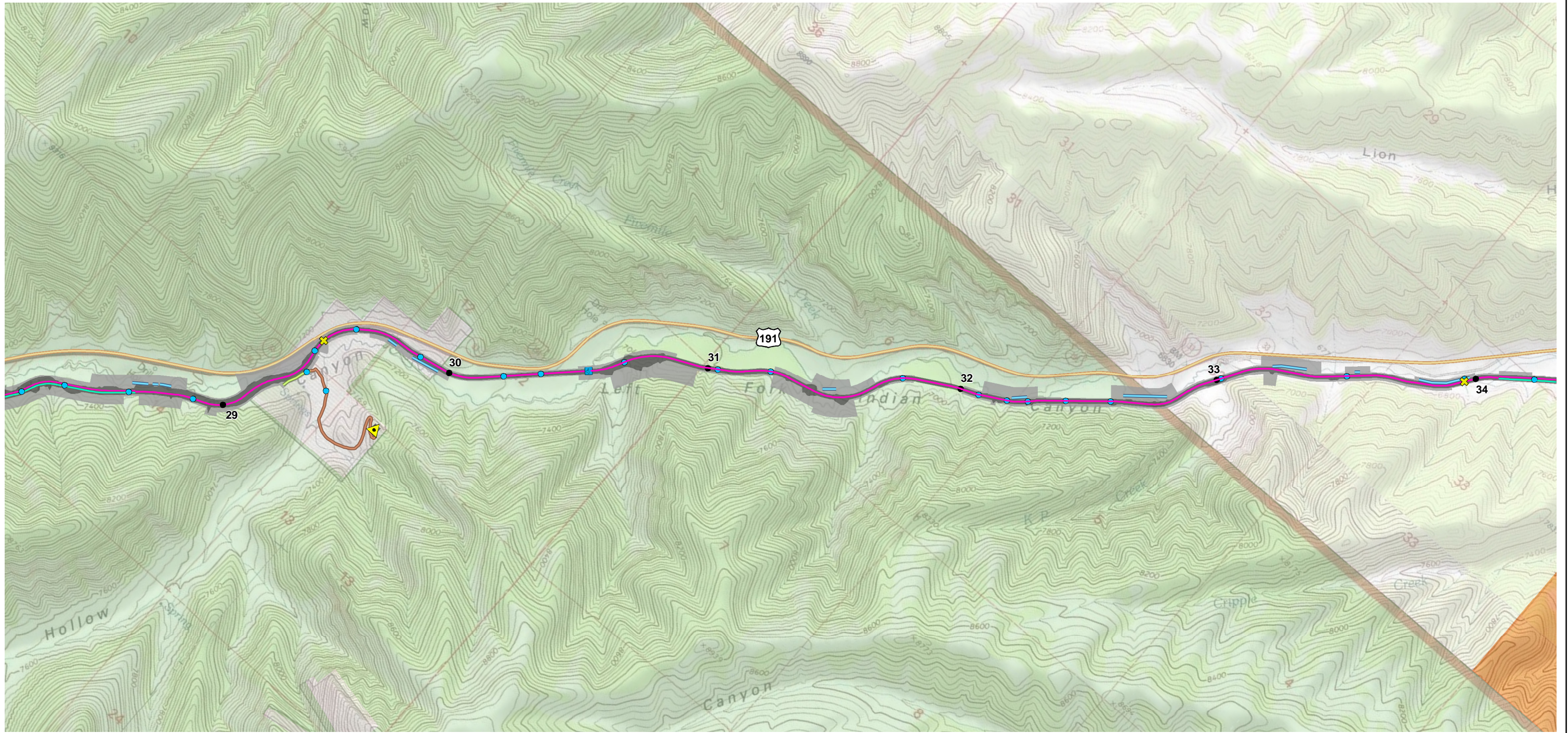
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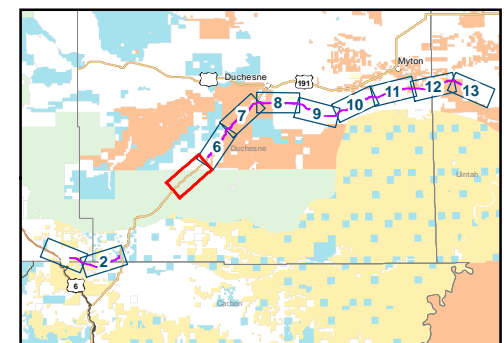
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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Access Road | Bridge Span Type | State Route |
| Rail Line Footprint | Stream Realignment | Precast Prestressed Concrete | Land Status |
| Temporary Footprint | Culvert | Double Cell Box Beam Span | Private Land |
| Communication Tower | Bridge | | Tribal Trust Land |
| | | | U.S. Forest Service |

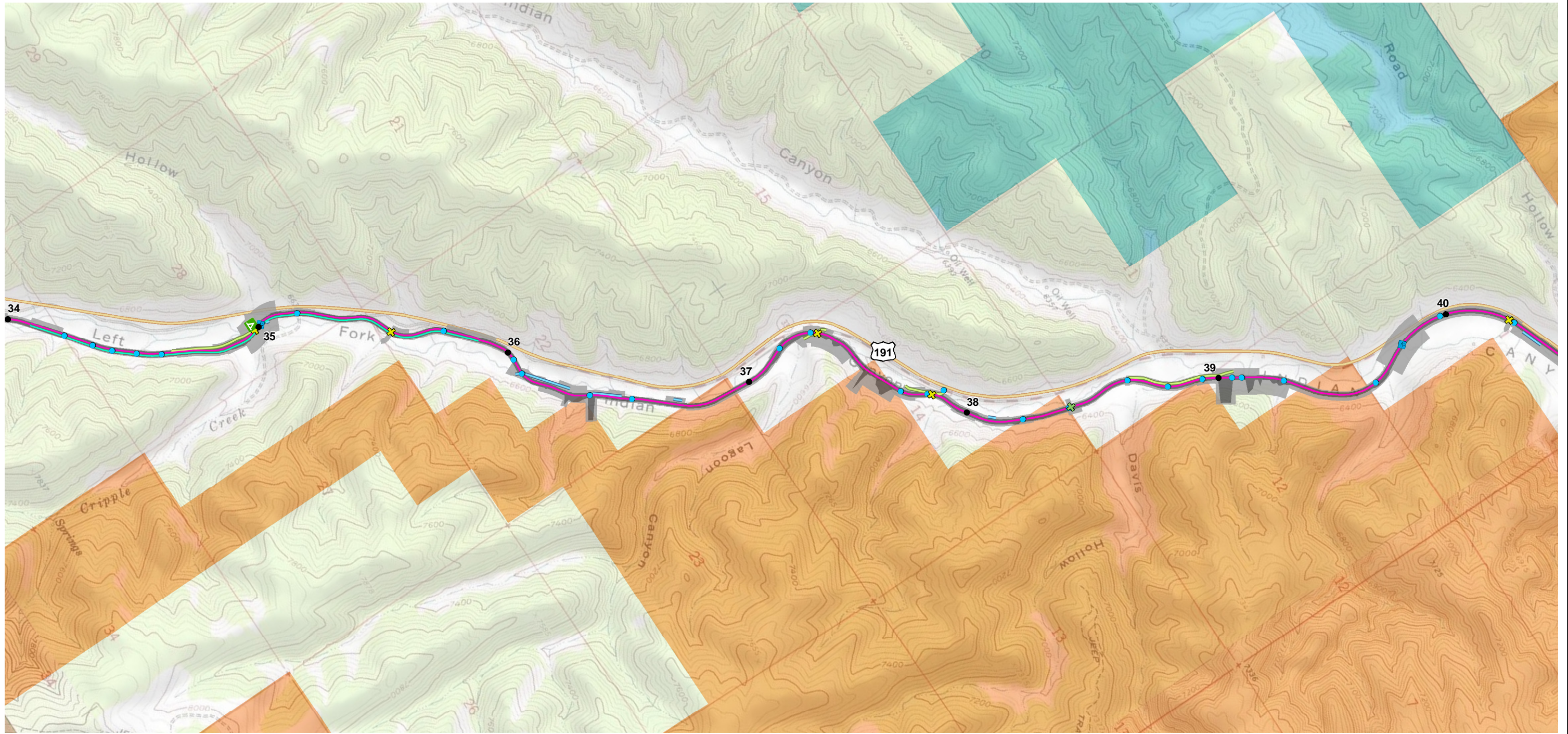


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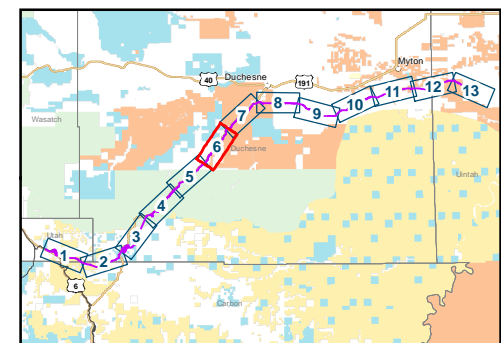


Indian Canyon Alternative Project Features
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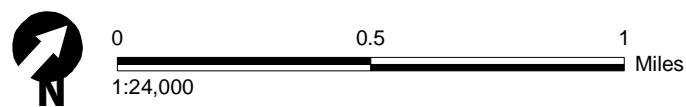
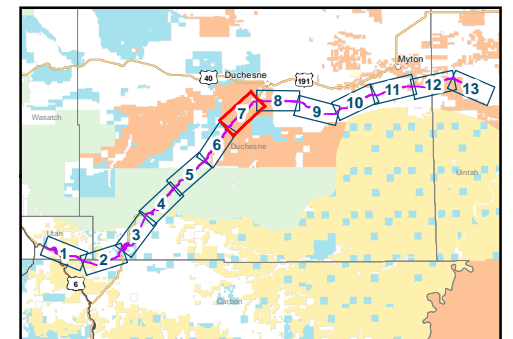
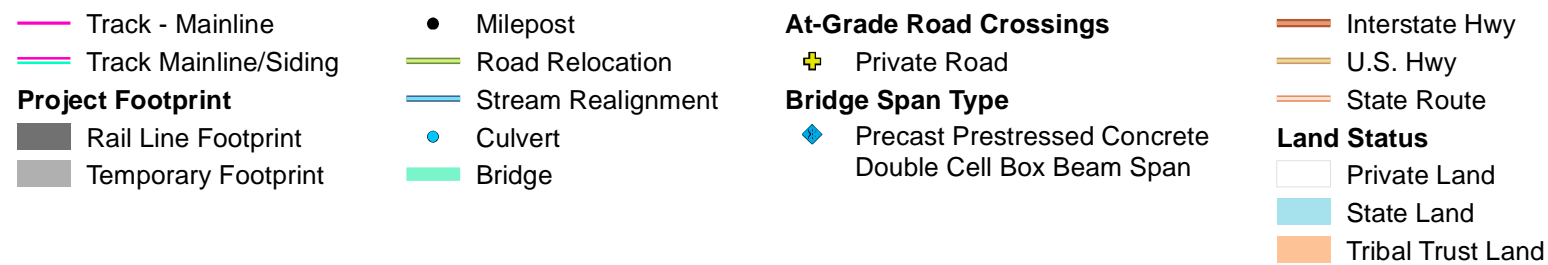


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Stream Realignment | Bridge Span Type | State Route |
| Rail Line Footprint | Culvert | Precast Prestressed Concrete | Private Land |
| Temporary Footprint | Bridge | Double Cell Box Beam Span | State Land |
| Temporary Housing Camp | | | Tribal Trust Land |
| | | | U.S. Forest Service |



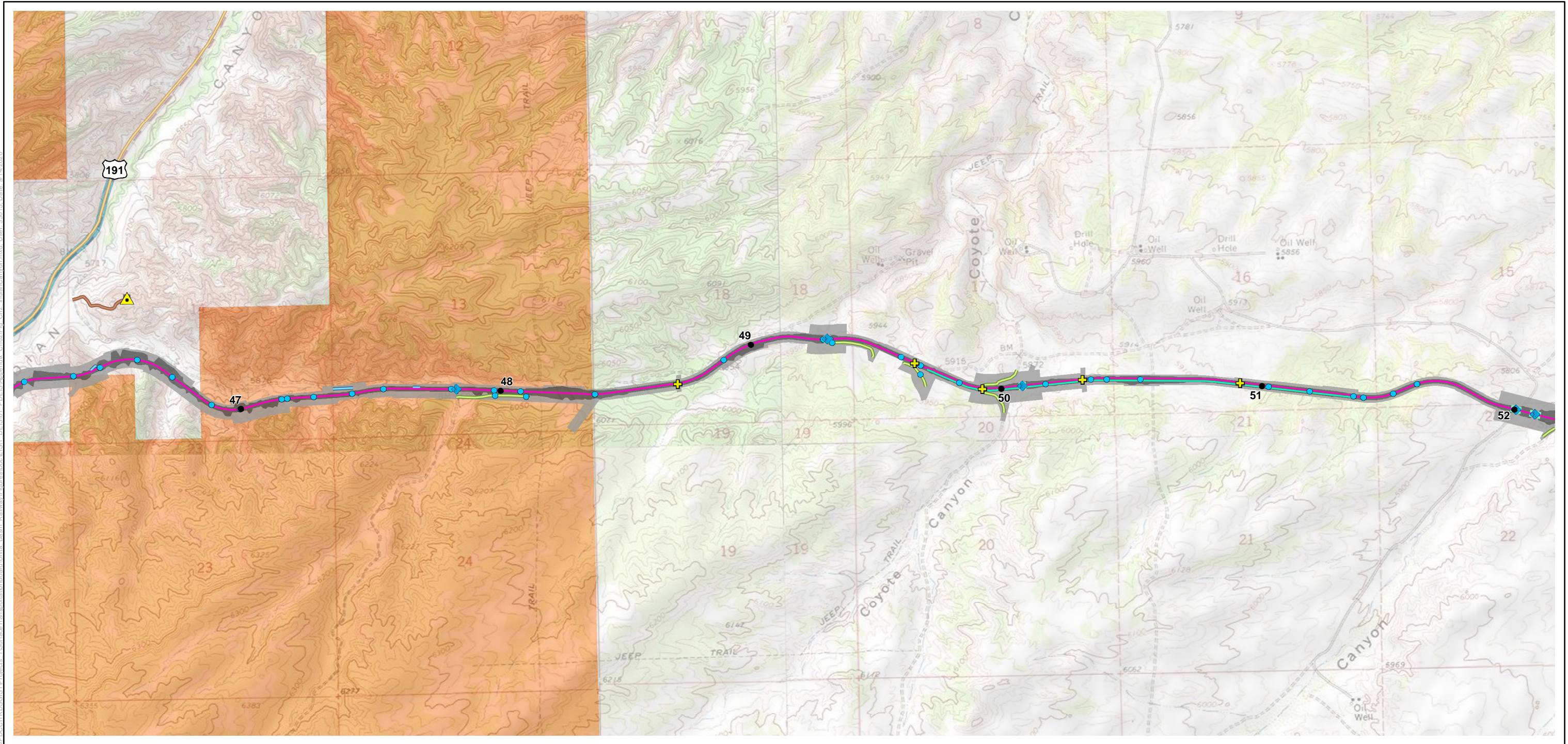
Indian Canyon Alternative Project Features
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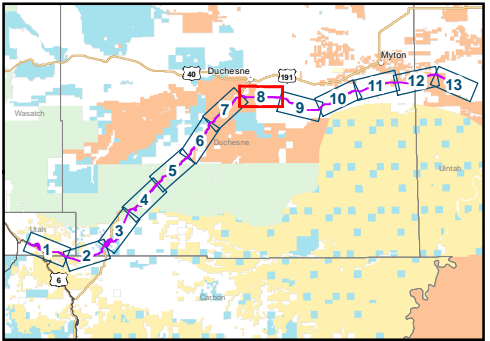


Indian Canyon Alternative Project Features
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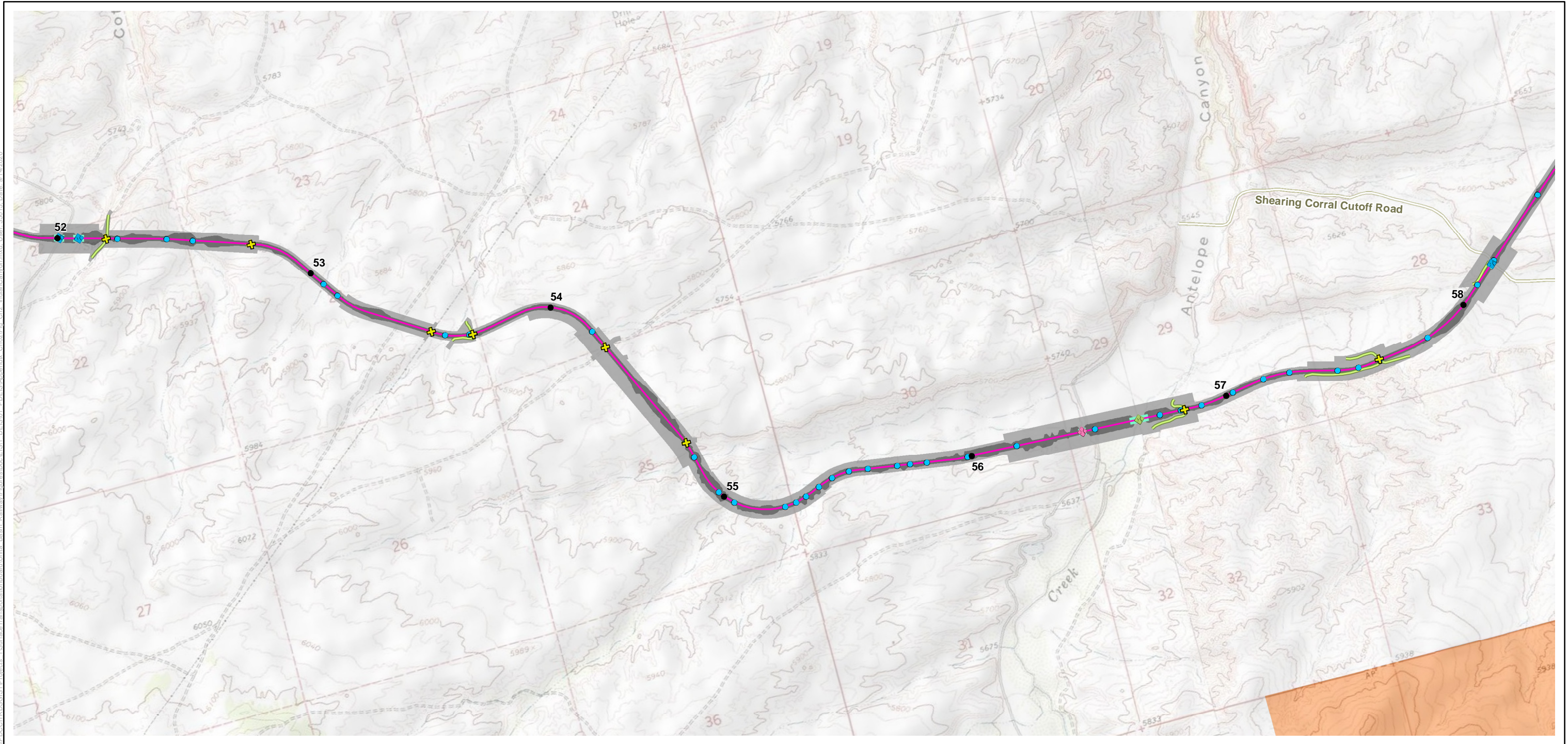


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|--------------------------|--------------------|--------------------------------|--------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Access Road | Bridge Span Type | State Route |
| Rail Line Footprint | Stream Realignment | Precast Prestressed Concrete | Land Status |
| Temporary Footprint | Culvert | Double Cell Box Beam Span | Private Land |
| Communication Tower | Bridge | | State Land |
| | | | Tribal Trust Land |

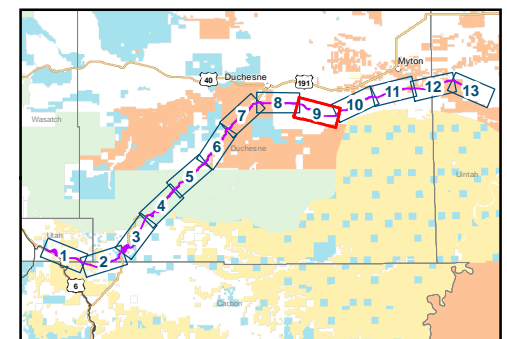


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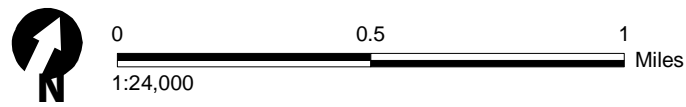
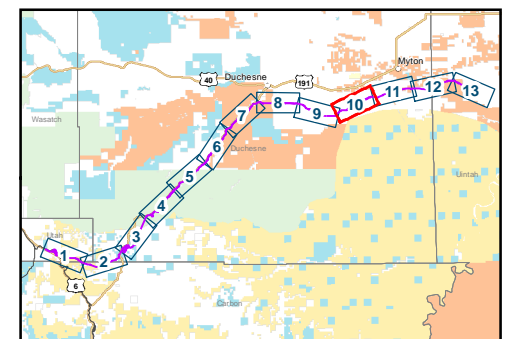
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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Private Road | U.S. Hwy |
| Rail Line Footprint | Culvert | Bridge Span Type | State Route |
| Temporary Footprint | Bridge | Built-up Steel Girder Span w/ Steel Pan Deck | County Road |
| | | Precast Prestressed Concrete Double Cell Box Beam Span | Land Status |
| | | Rolled Steel Beam Span w/ Steel Pan Deck | Private Land |
| | | | Tribal Trust Land |



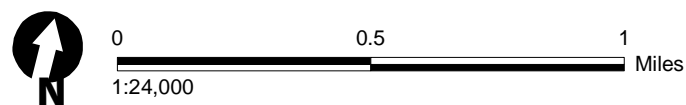
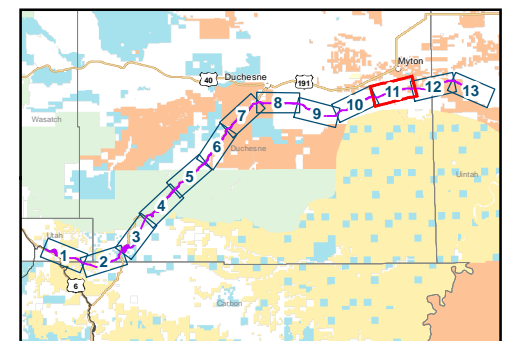
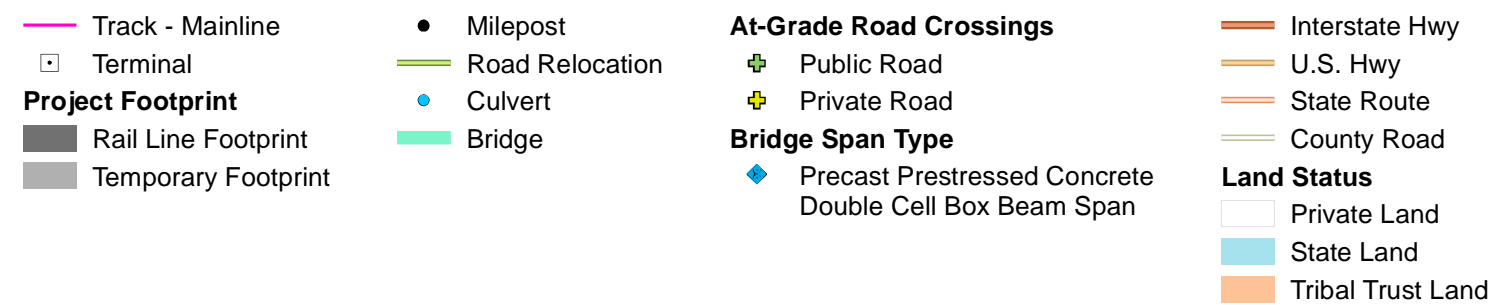
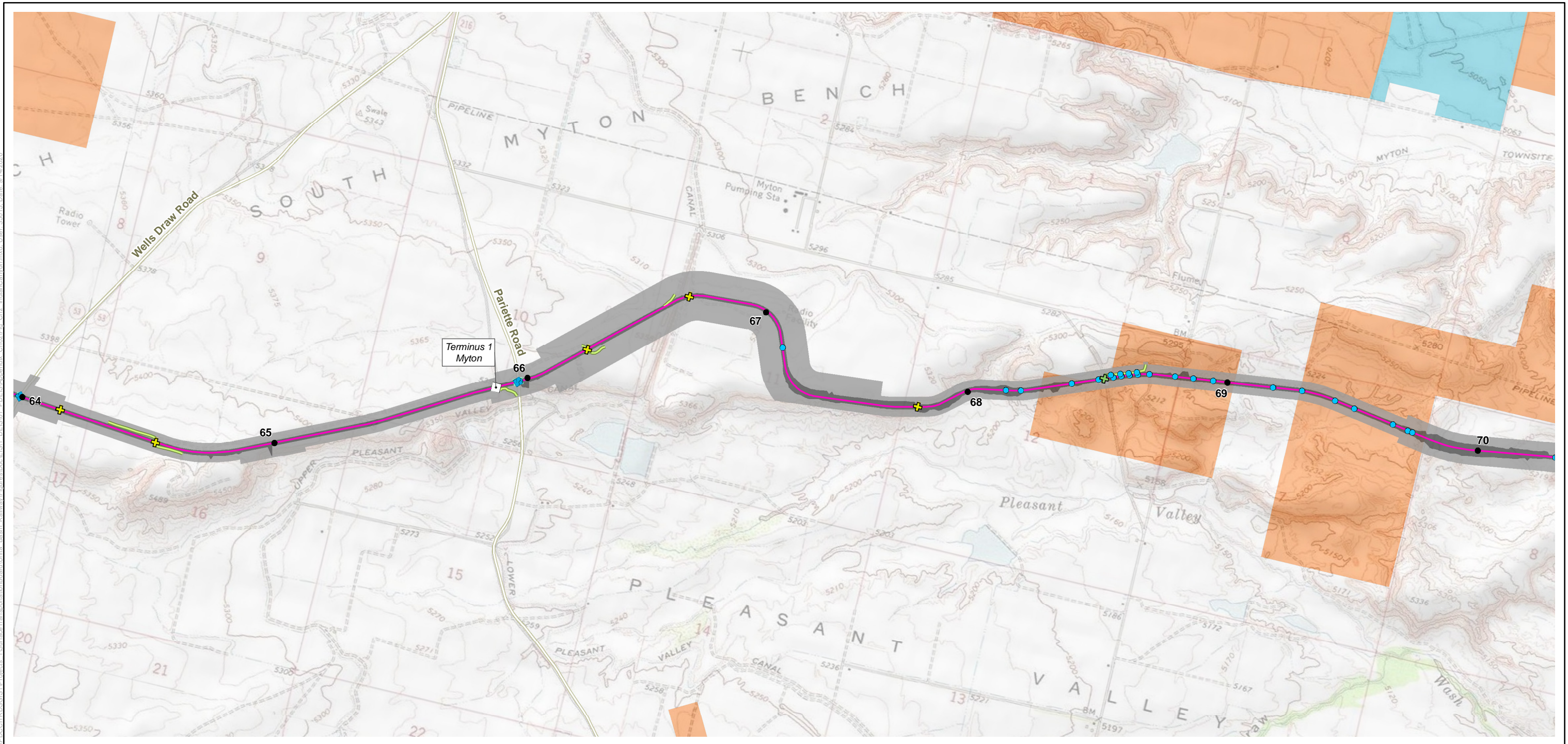
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|--------------------------|-----------------|--------------------------------|--------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Access Road | Bridge Span Type | State Route |
| Rail Line Footprint | Culvert | Precast Prestressed Concrete | County Road |
| Temporary Footprint | Bridge | Double Cell Box Beam Span | Land Status |
| Communication Tower | | To Be Determined | Private Land |
| | | | Tribal Trust Land |



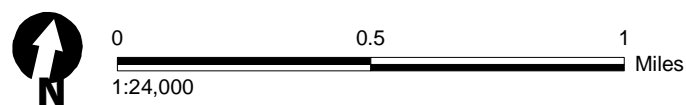
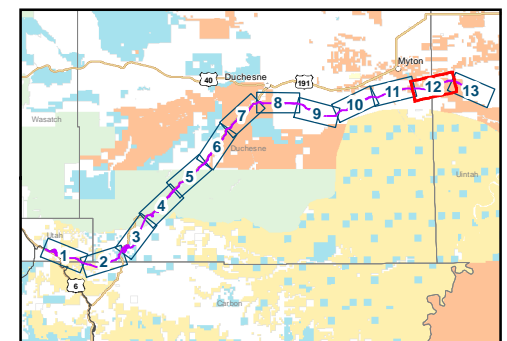
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|--------------------------|--------------------|--------------------------------|-------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Stream Realignment | | State Route |
| Rail Line Footprint | Culvert | Land Status | Private Land |
| Temporary Footprint | | | Tribal Trust Land |

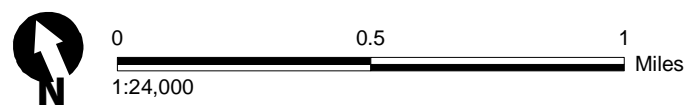
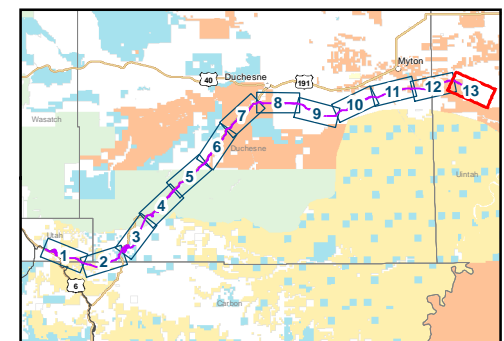


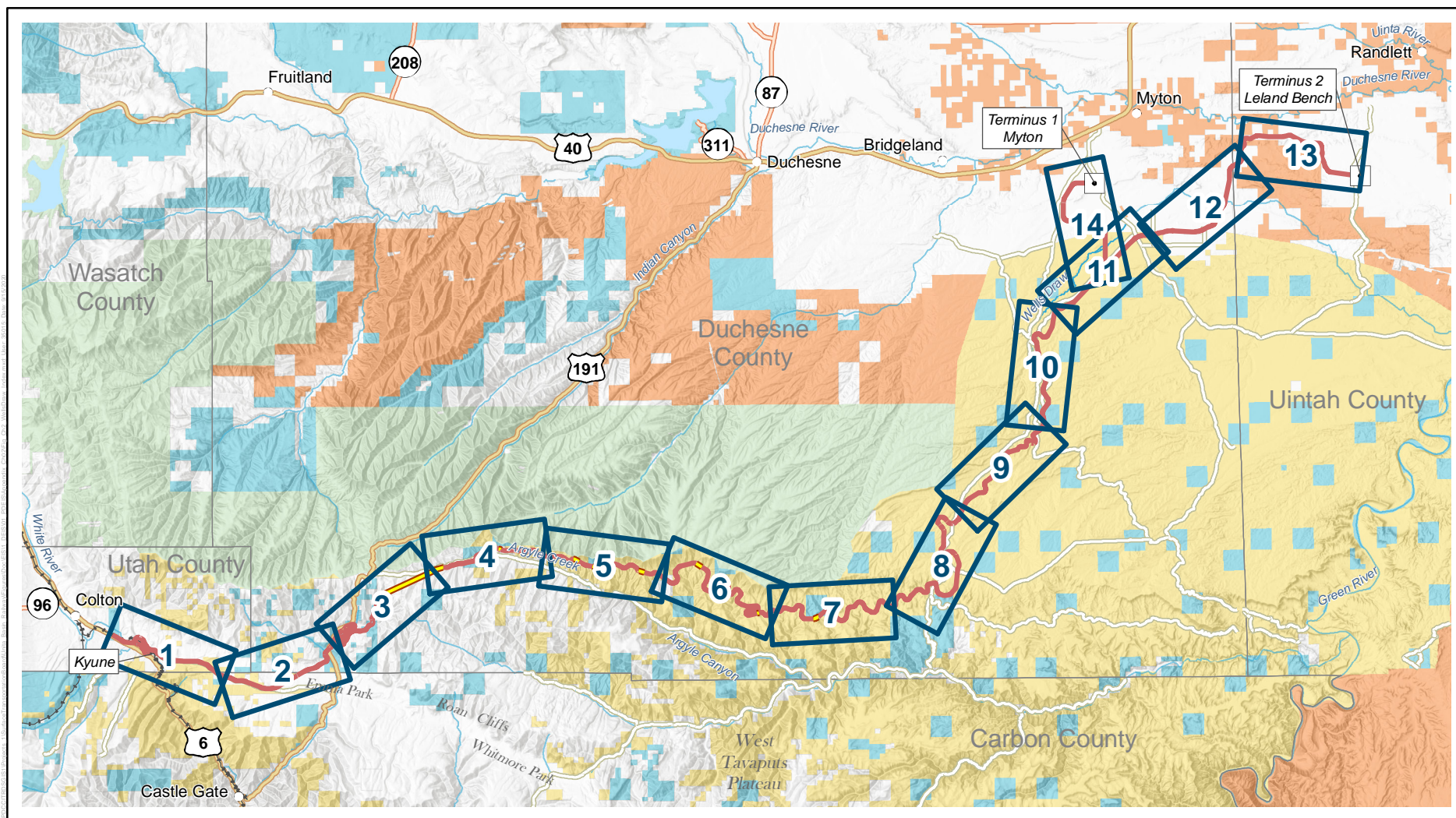
Indian Canyon Alternative Project Features
Sheet 12 of 13

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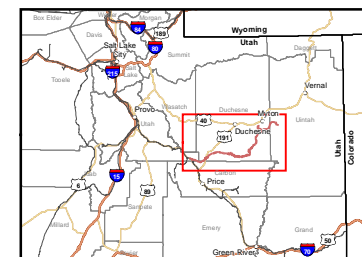


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Public Road | U.S. Hwy |
| Terminal | Access Road | Private Road | State Route |
| Project Footprint | Stream Realignment | | County Road |
| Rail Line Footprint | Culvert | Land Status | Private Land |
| Temporary Footprint | | | Tribal Trust Land |



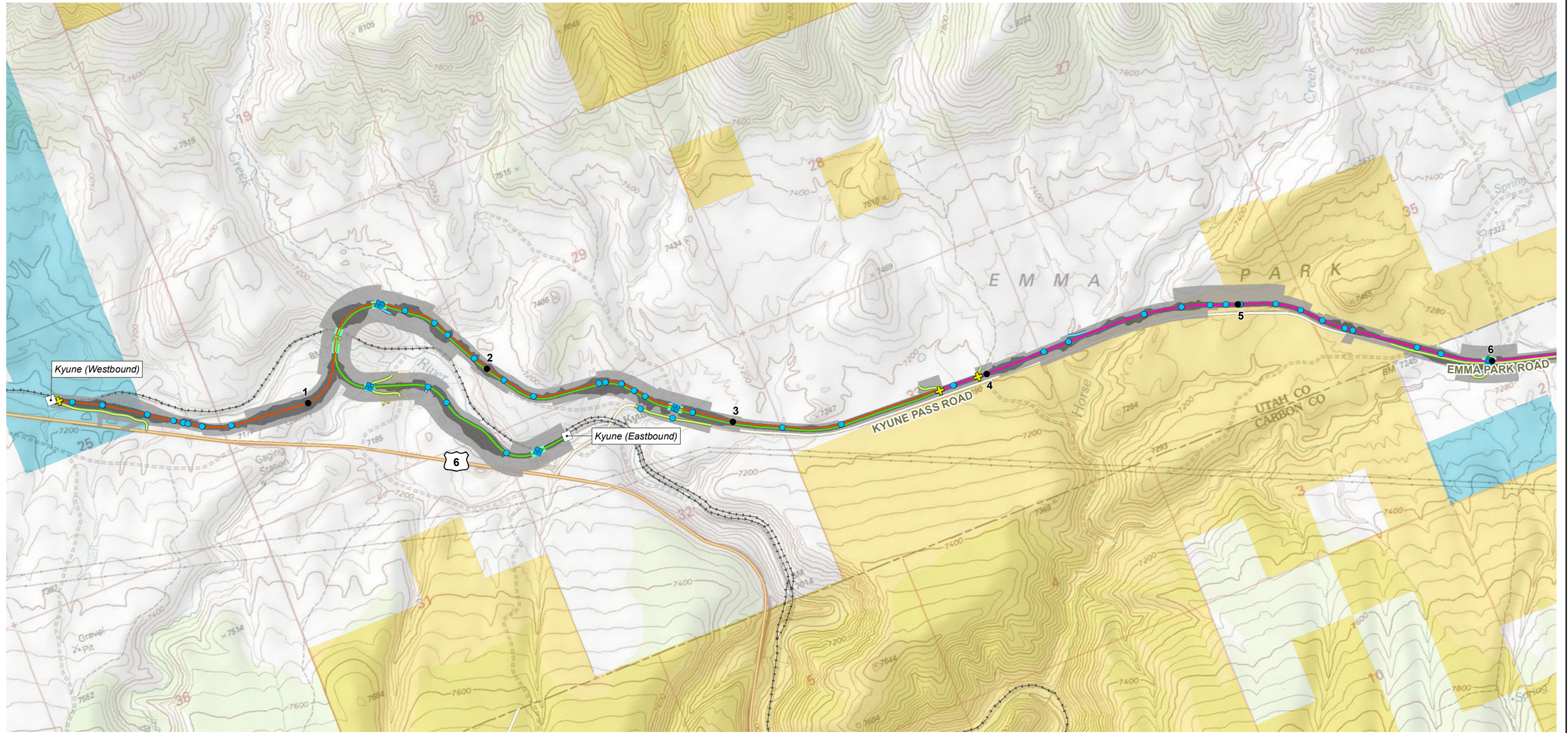


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|------------------------|-------------|---------------------------|
| Wells Draw Alternative | U.S. Hwy | Land Status |
| Terminal | State Route | Bureau of Land Management |
| Tunnel | County Road | Bureau of Reclamation |
| Existing Rail Line | Stream | Private Land |
| Map Sheet Index | Lake | State Land |
| | | Tribal Trust Land |
| | | U.S. Forest Service |



Wells Draw Alternative Project Features

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- Track - Mainline
- Wye - Eastbound
- Wye - Westbound
- Terminal
- Project Footprint**
- Rail Line Footprint
- Temporary Footprint
- Milepost
- Road Relocation
- Stream Realignment
- Culvert
- Bridge

At-Grade Road Crossings

- Private Road

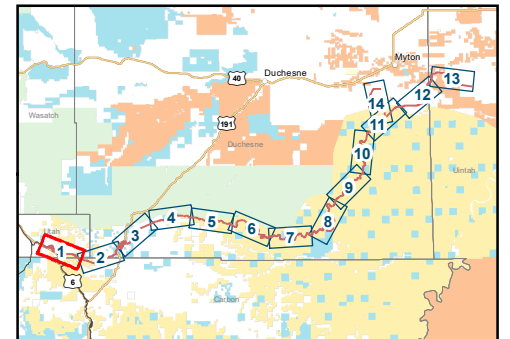
Bridge Span Type

- Built-up Steel Girder Span w/ Steel Pan Deck
- Precast Prestressed Concrete Double Cell Box Beam Span

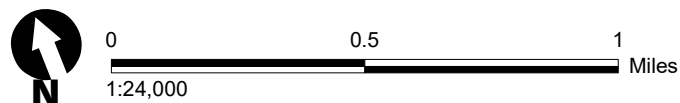
- Interstate Hwy
- U.S. Hwy
- State Route
- County Road
- Existing Rail Line

Land Status

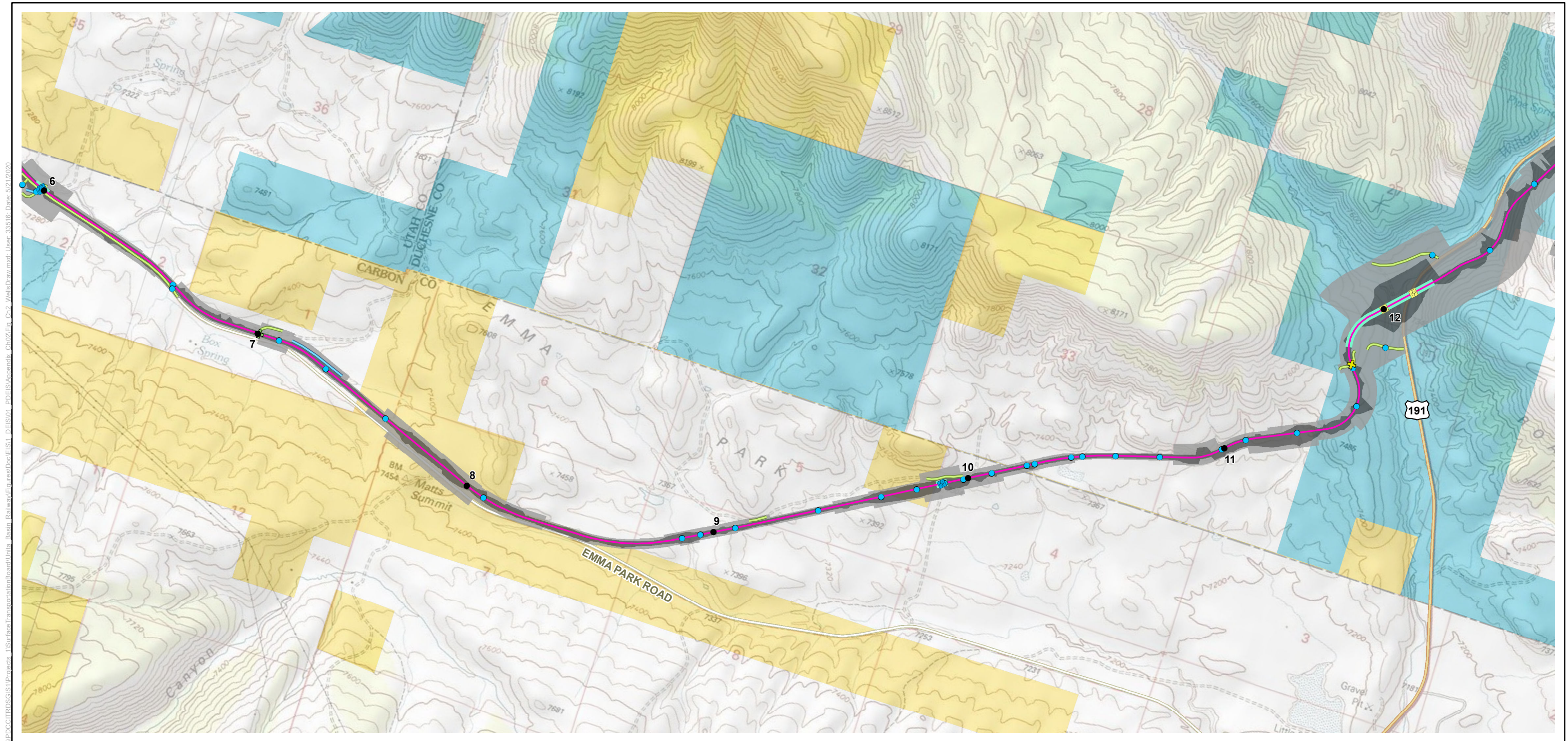
- Bureau of Land Management
- Private Land
- State Land



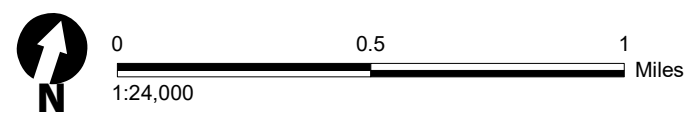
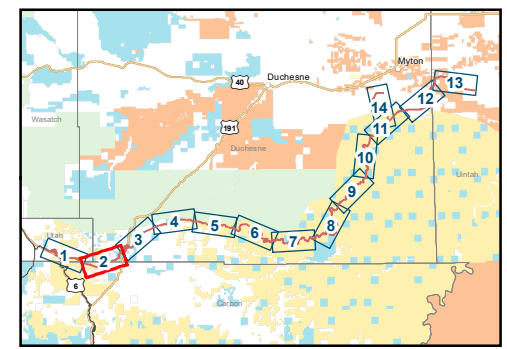
Wells Draw Alternative Project Features
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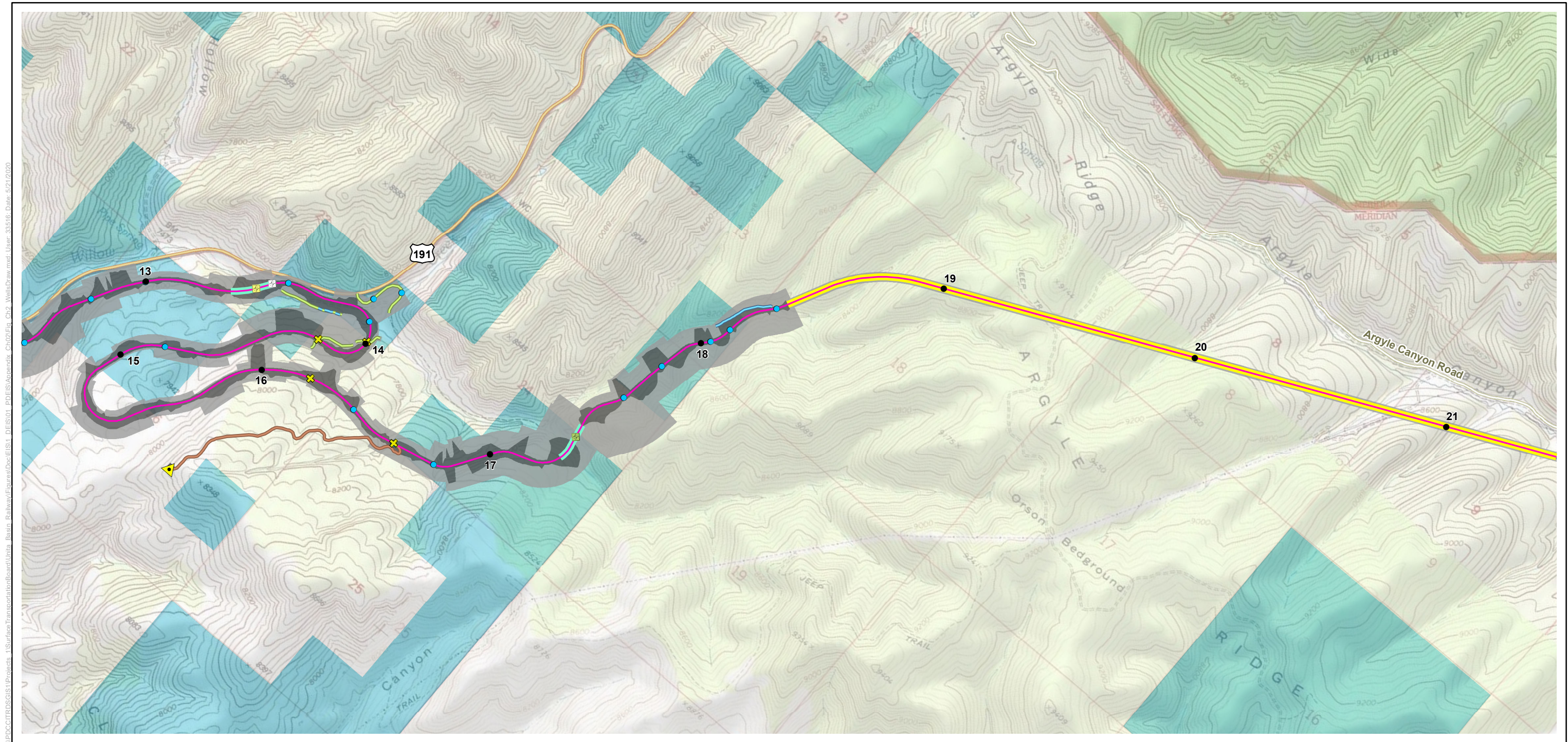


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|--------------------------|--------------------|--|---------------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Public Road | U.S. Hwy |
| Rail Line Footprint | Stream Realignment | Private Road | State Route |
| Temporary Footprint | Culvert | Bridge Span Type | County Road |
| Bridge | | Precast Prestressed Concrete Double Cell Box Beam Span | Land Status |
| | | Structural Steel Plate Arch | Bureau of Land Management |
| | | | Private Land |
| | | | State Land |

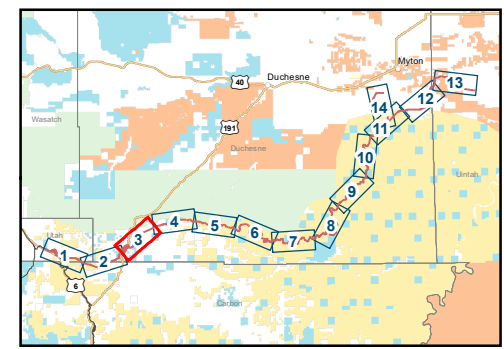
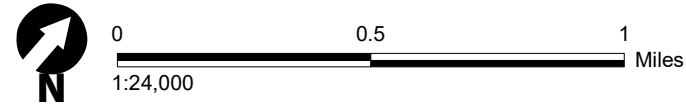


Wells Draw Alternative Project Features
Sheet 2 of 14

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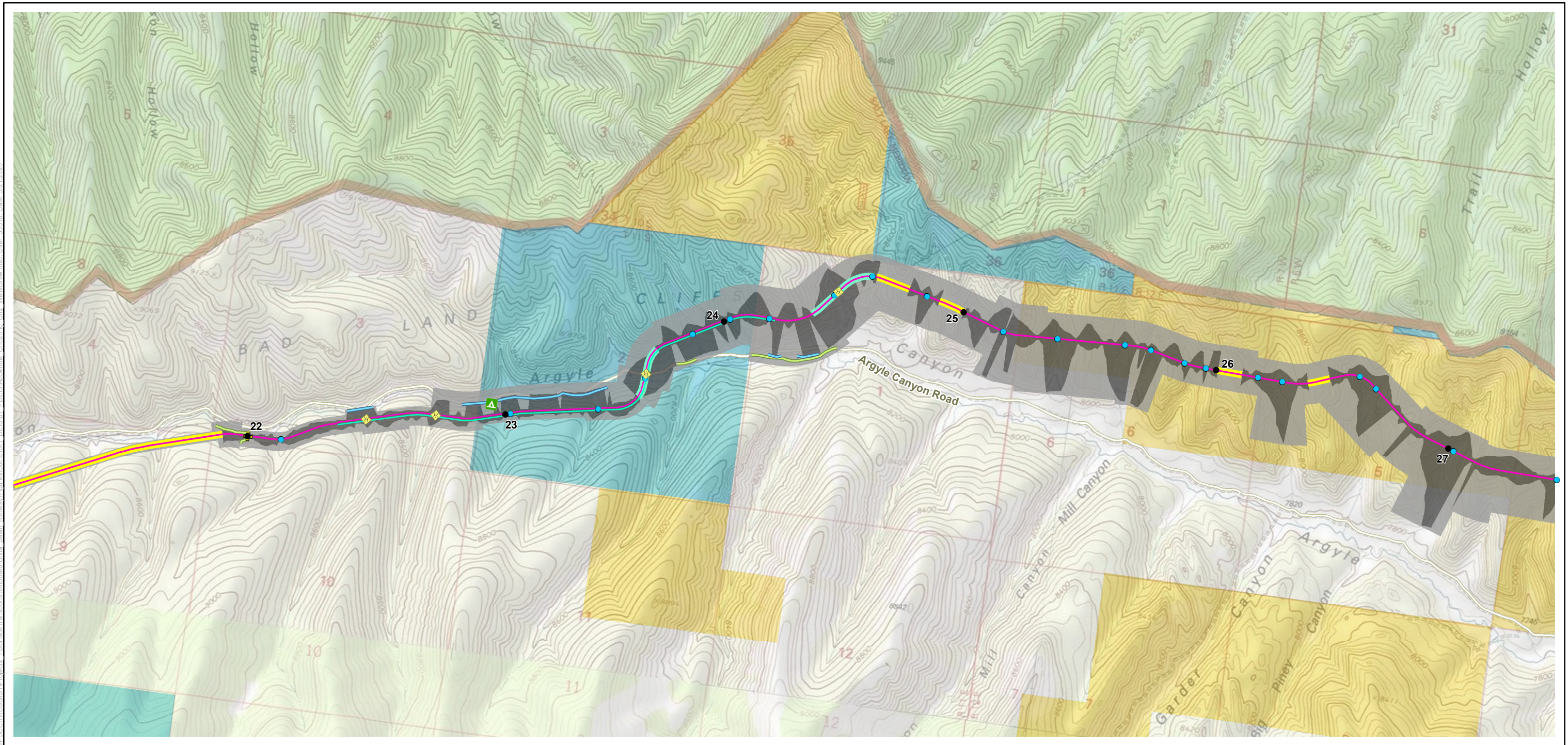


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Private Road | U.S. Hwy |
| Rail Line Footprint | Access Road | Bridge Span Type | State Route |
| Temporary Footprint | Stream Realignment | Built-up Steel Girder Span w/ Steel Pan Deck | County Road |
| Communication Tower | Culvert | Structural Steel Plate Arch | Land Status |
| | Tunnel | To Be Determined | Bureau of Land Management |
| | Bridge | | Private Land |
| | | | State Land |
| | | | U.S. Forest Service |

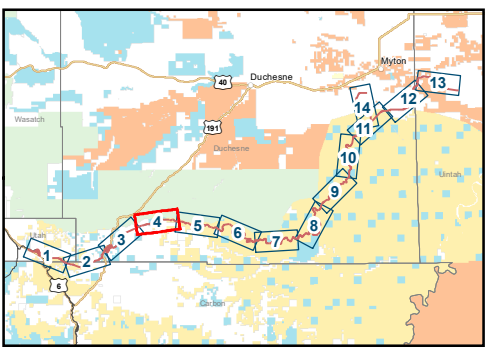
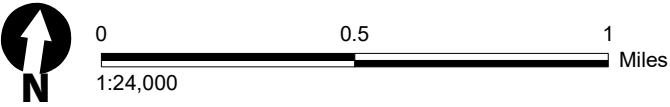


Wells Draw Alternative Project Features
Sheet 3 of 14

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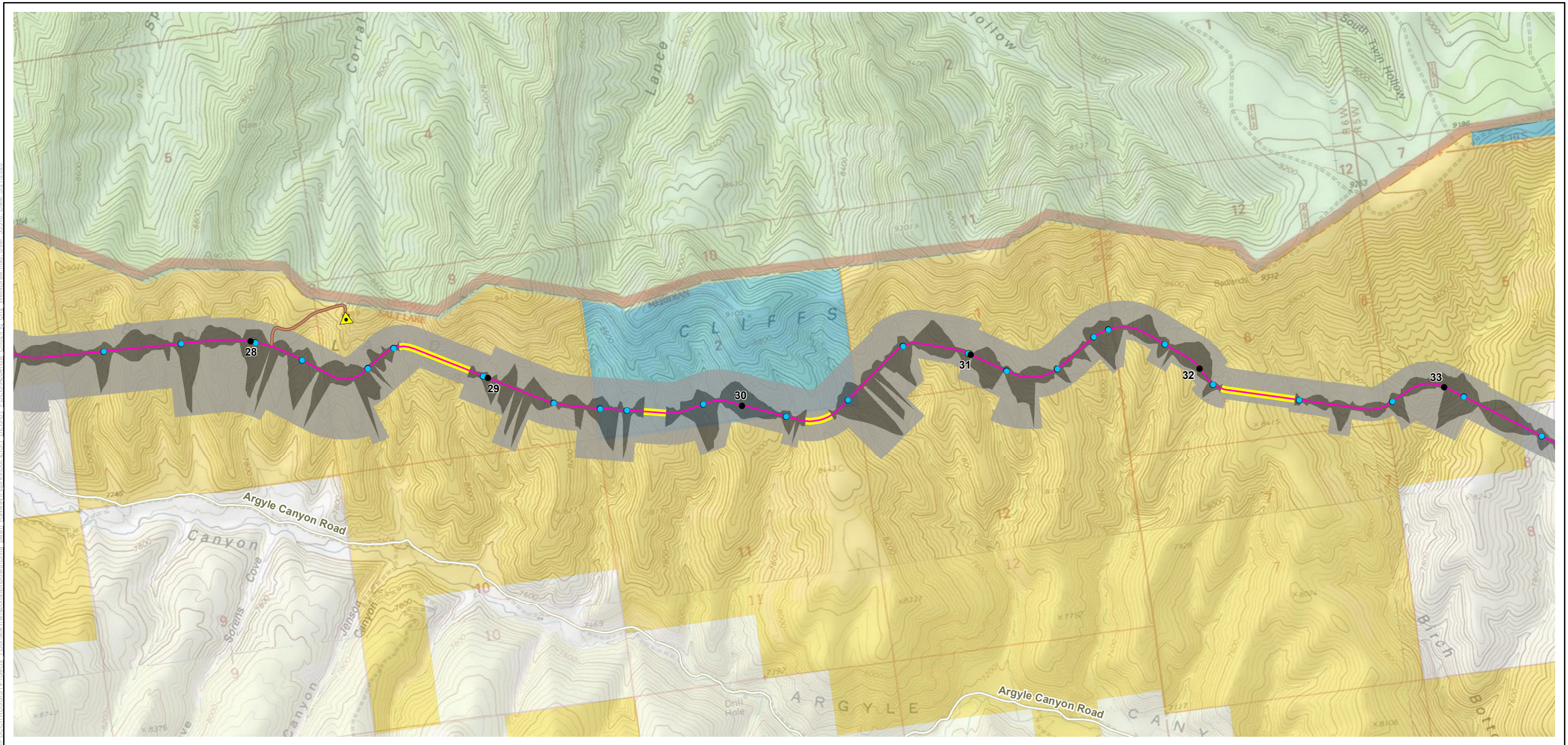


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Stream Realignment | Bridge Span Type | State Route |
| Rail Line Footprint | Culvert | Structural Steel Plate Arch | County Road |
| Temporary Footprint | Tunnel | Land Status | Bureau of Land Management |
| Temporary Housing Camp | Bridge | Private Land | State Land |
| | | U.S. Forest Service | |

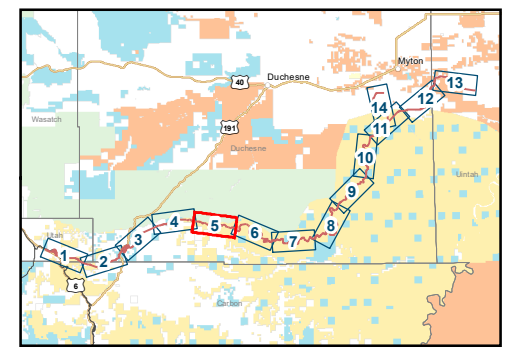
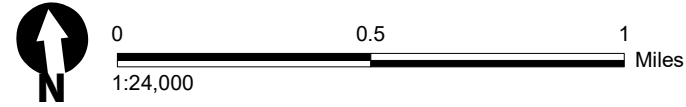


Wells Draw Alternative Project Features
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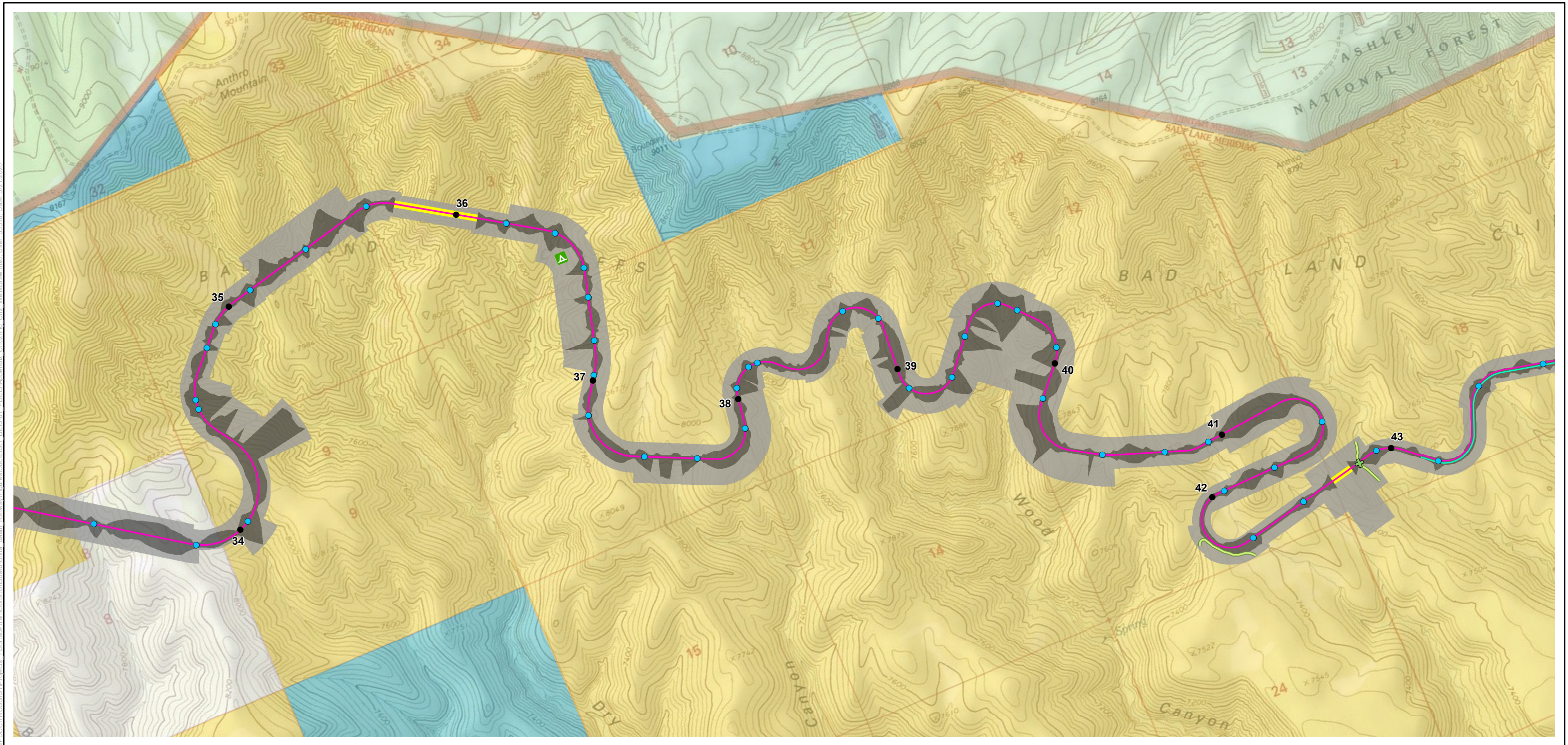


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|--------------------------|-------------|---------------------------|
| Track - Mainline | Milepost | Interstate Hwy |
| Project Footprint | Access Road | U.S. Hwy |
| Rail Line Footprint | Culvert | State Route |
| Temporary Footprint | Tunnel | County Road |
| Communication Tower | | Land Status |
| | | Bureau of Land Management |
| | | Private Land |
| | | State Land |
| | | U.S. Forest Service |

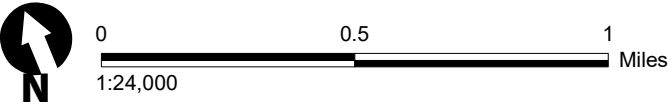
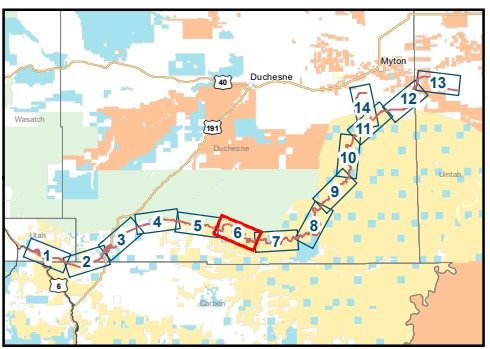


Wells Draw Alternative Project Features
Sheet 5 of 14

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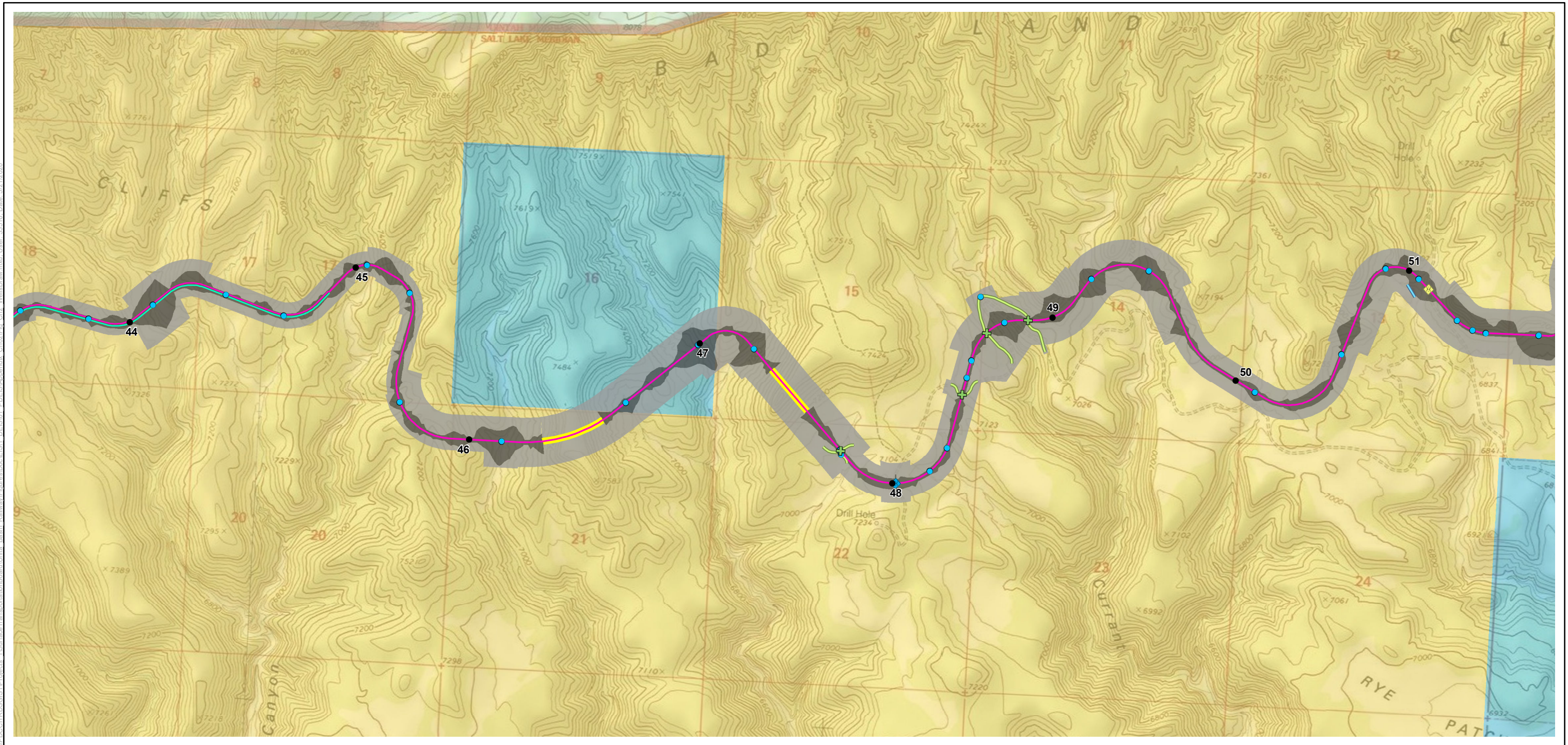


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Public Road | U.S. Hwy |
| Project Footprint | Culvert | | State Route |
| Rail Line Footprint | Tunnel | | Land Status |
| Temporary Footprint | | | Bureau of Land Management |
| Temporary Housing Camp | | | Private Land |
| | | | State Land |
| | | | U.S. Forest Service |

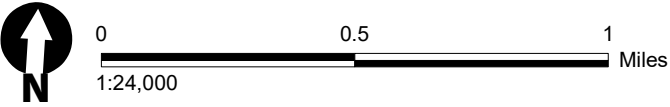
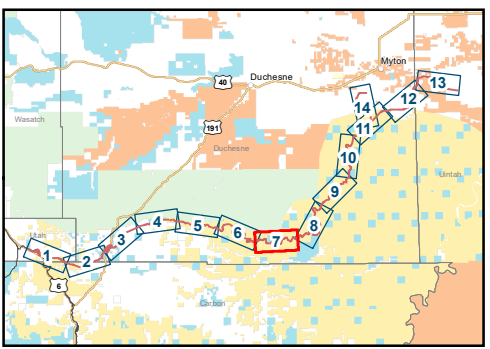


Wells Draw Alternative Project Features
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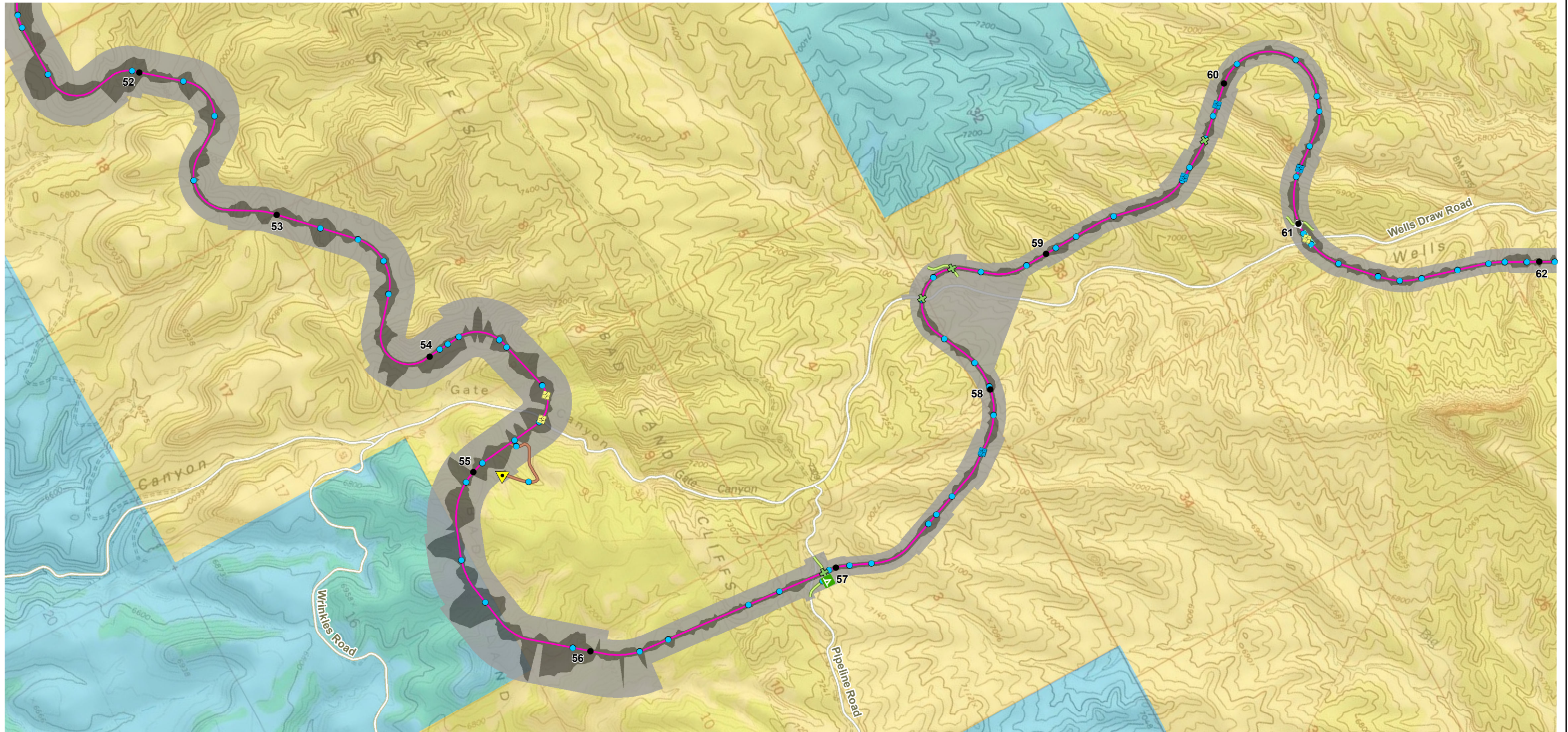


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Public Road | U.S. Hwy |
| Project Footprint | Stream Realignment | Bridge Span Type | State Route |
| Rail Line Footprint | Culvert | Precast Prestressed Concrete Double Cell Box Beam Span | Land Status |
| Temporary Footprint | Tunnel | Structural Steel Plate Arch | Bureau of Land Management |
| | | | State Land |
| | | | U.S. Forest Service |

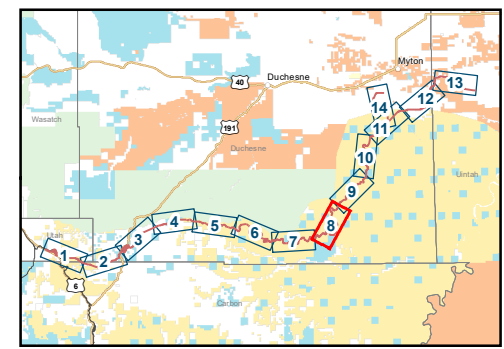


Wells Draw Alternative Project Features
Sheet 7 of 14

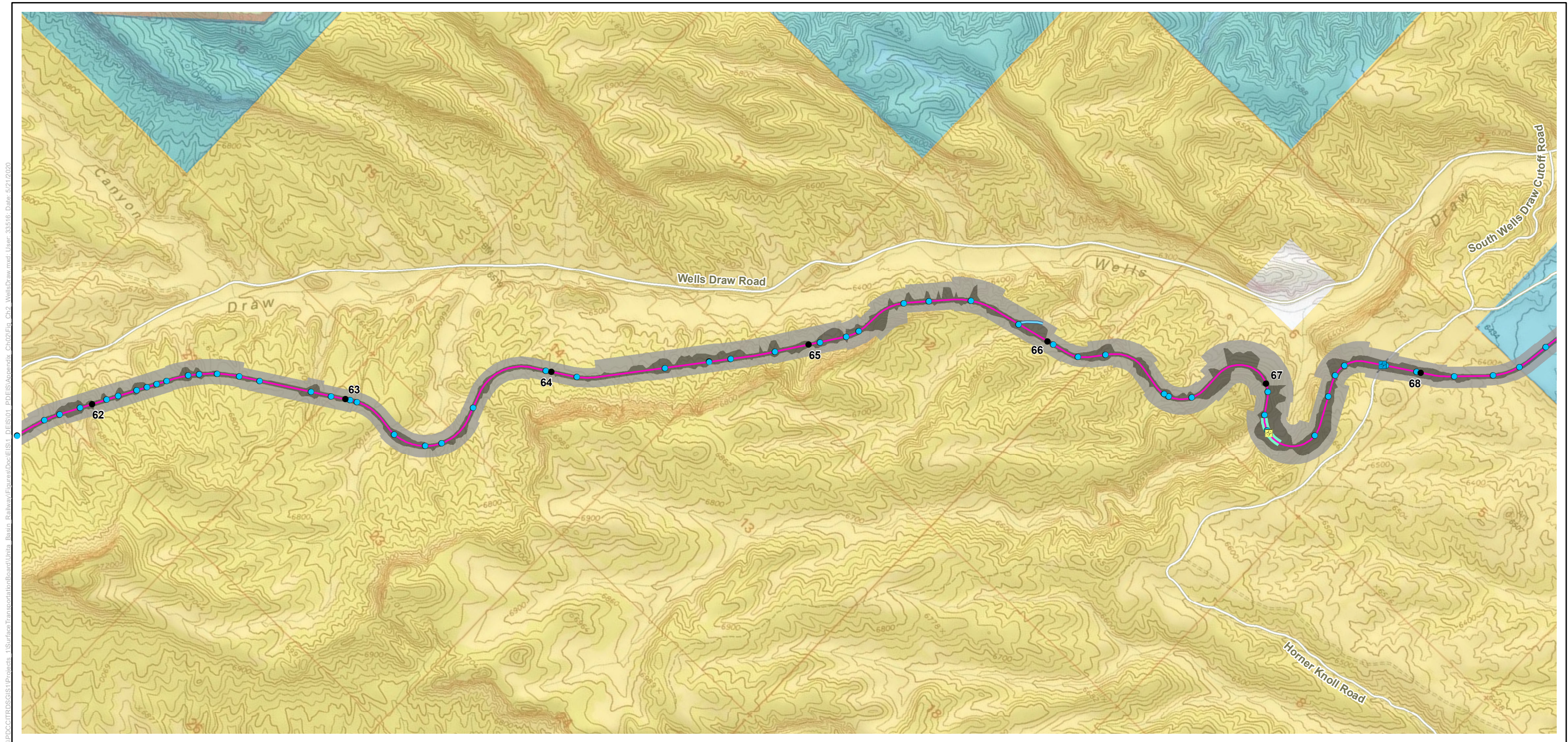
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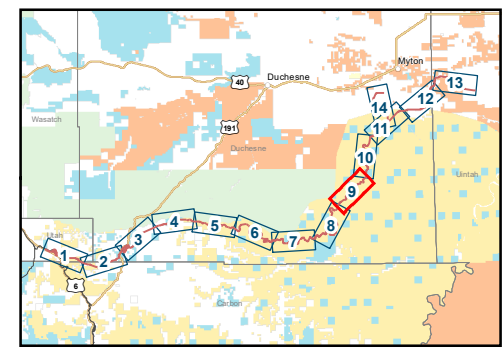
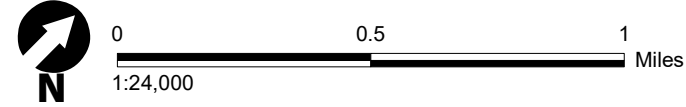
Track - Mainline	Milepost	At-Grade Road Crossings	Interstate Hwy
Project Footprint	Road Relocation	Public Road	U.S. Hwy
Rail Line Footprint	Access Road	Bridge Span Type	State Route
Temporary Footprint	Culvert	Precast Prestressed Concrete Double Cell Box Beam Span	County Road
Temporary Housing Camp	Bridge	Structural Steel Plate Arch	Land Status
Communication Tower		To Be Determined	Bureau of Land Management
			State Land



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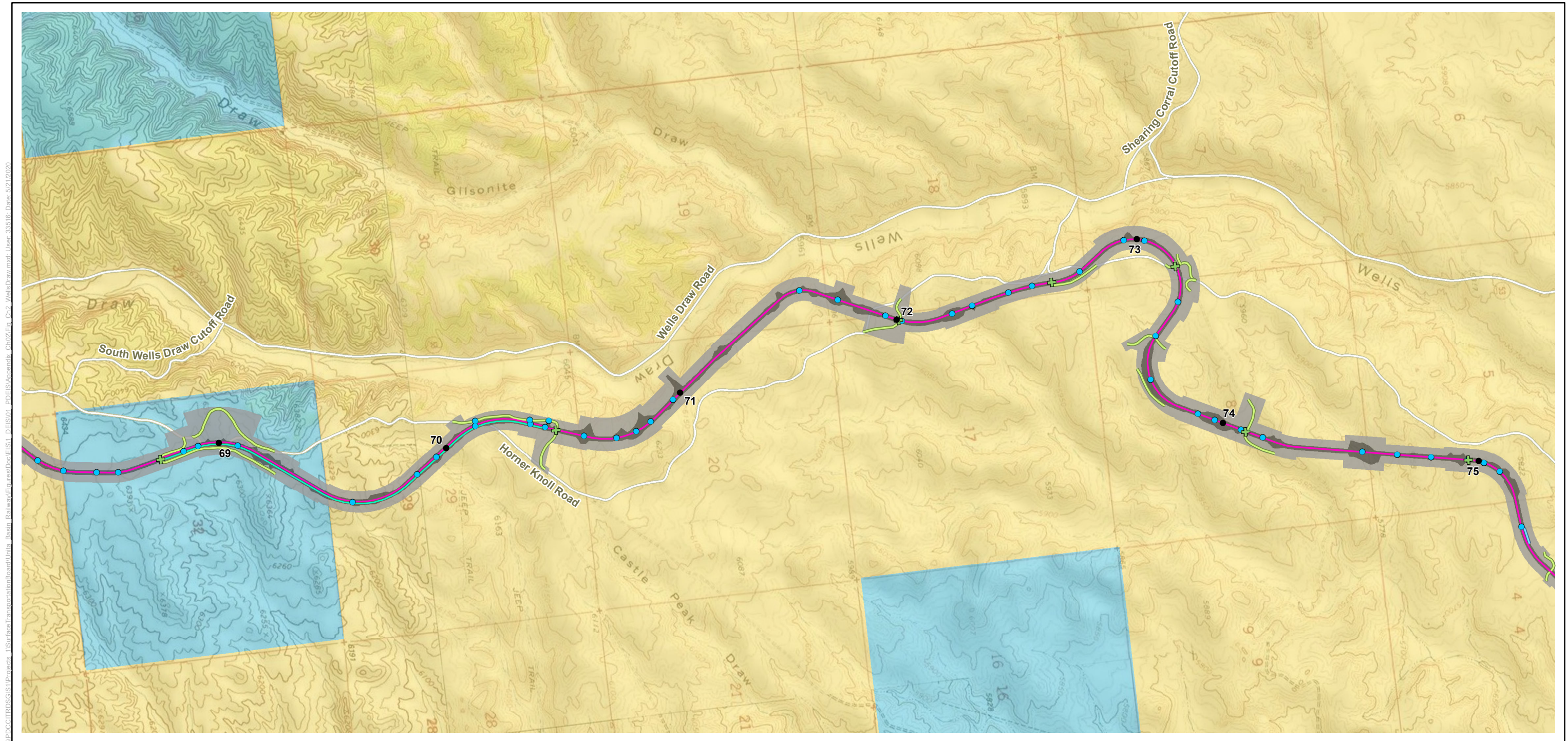


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|---------------------|--|---------------------------|
| Track - Mainline | Milepost | Interstate Hwy |
| Stream Realignment | Culvert | U.S. Hwy |
| Rail Line Footprint | Bridge | State Route |
| Temporary Footprint | Bridge Span Type | County Road |
| | Precast Prestressed Concrete Double Cell Box Beam Span | Land Status |
| | Structural Steel Plate Arch | Bureau of Land Management |
| | | Private Land |
| | | State Land |
| | | U.S. Forest Service |

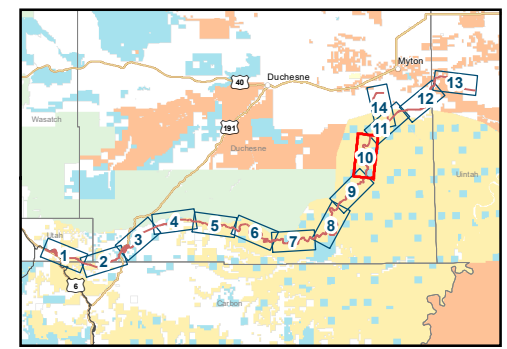


Wells Draw Alternative Project Features
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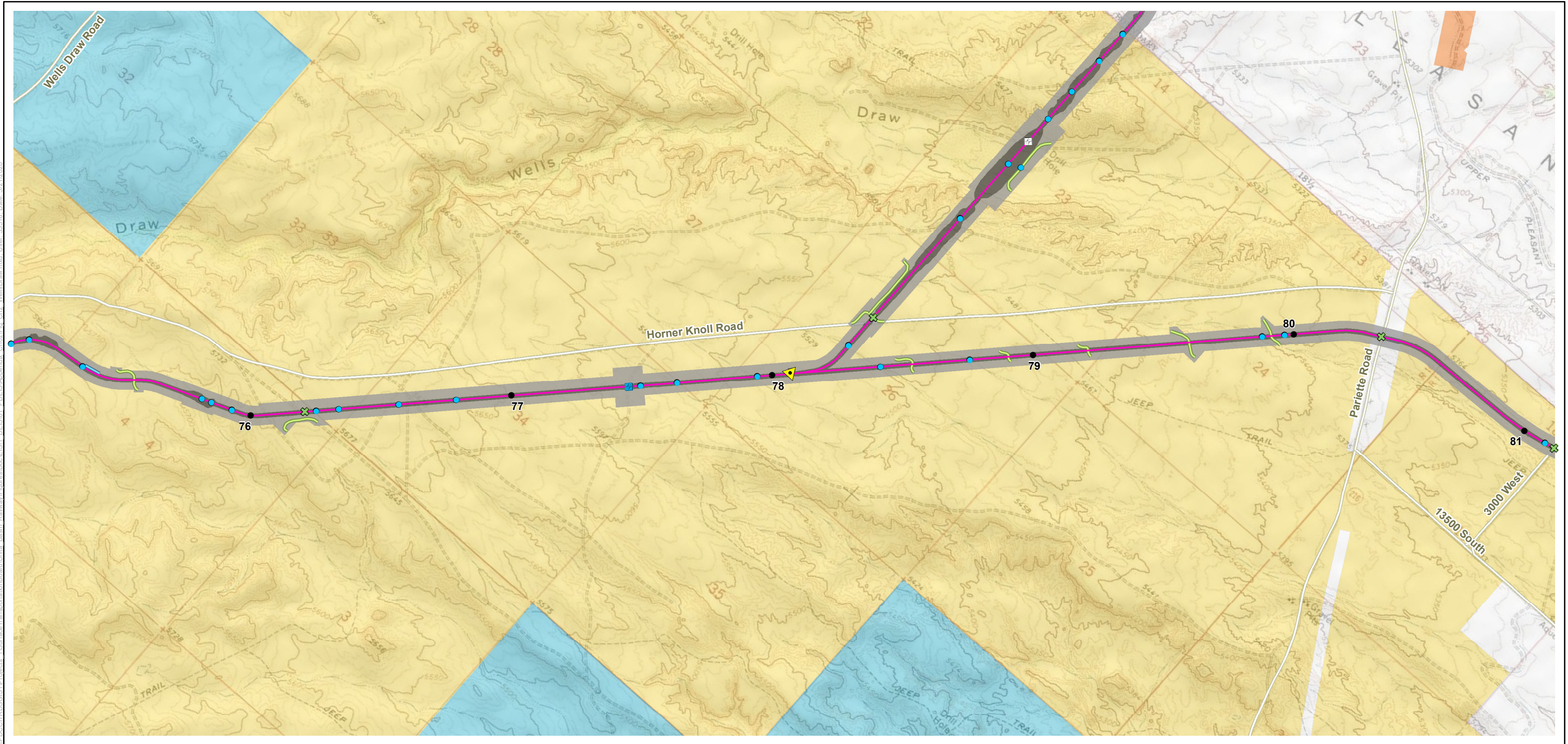
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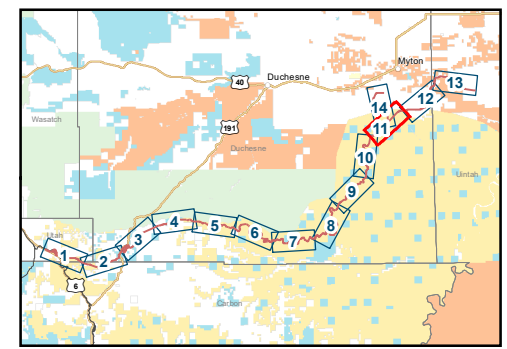
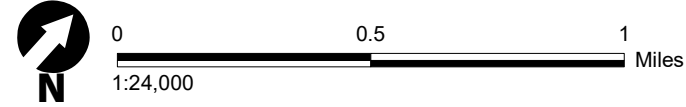
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|--------------------------|--------------------|--------------------------------|---------------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Public Road | U.S. Hwy |
| Project Footprint | Stream Realignment | | State Route |
| Rail Line Footprint | Culvert | | County Road |
| Temporary Footprint | | Land Status | Bureau of Land Management |
| | | | State Land |



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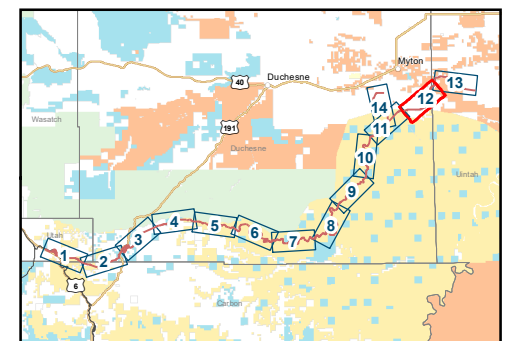
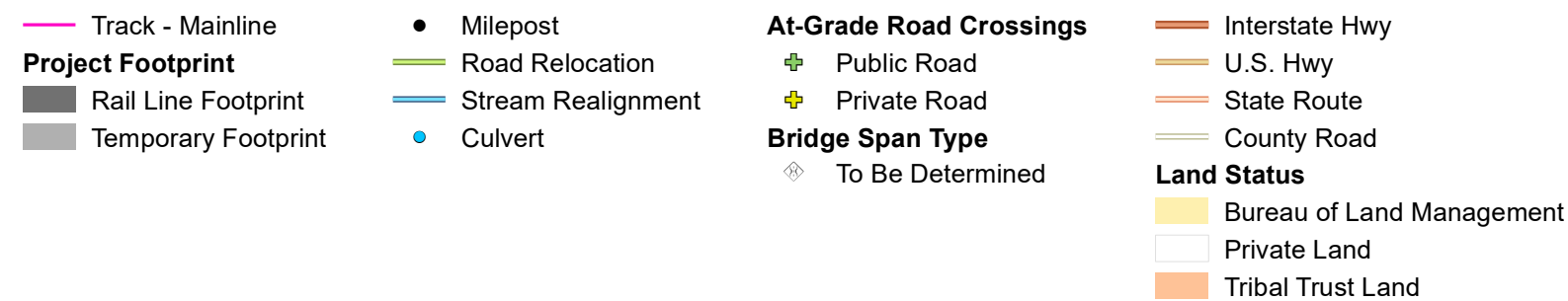


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|--------------------------|--------------------|--|---------------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Public Road | U.S. Hwy |
| Rail Line Footprint | Access Road | Bridge Span Type | State Route |
| Temporary Footprint | Stream Realignment | Precast Prestressed Concrete Double Cell Box Beam Span | County Road |
| Communication Tower | Culvert | To Be Determined | Land Status |
| | Bridge | | Bureau of Land Management |
| | | | Private Land |
| | | | State Land |
| | | | Tribal Trust Land |



Wells Draw Alternative Project Features
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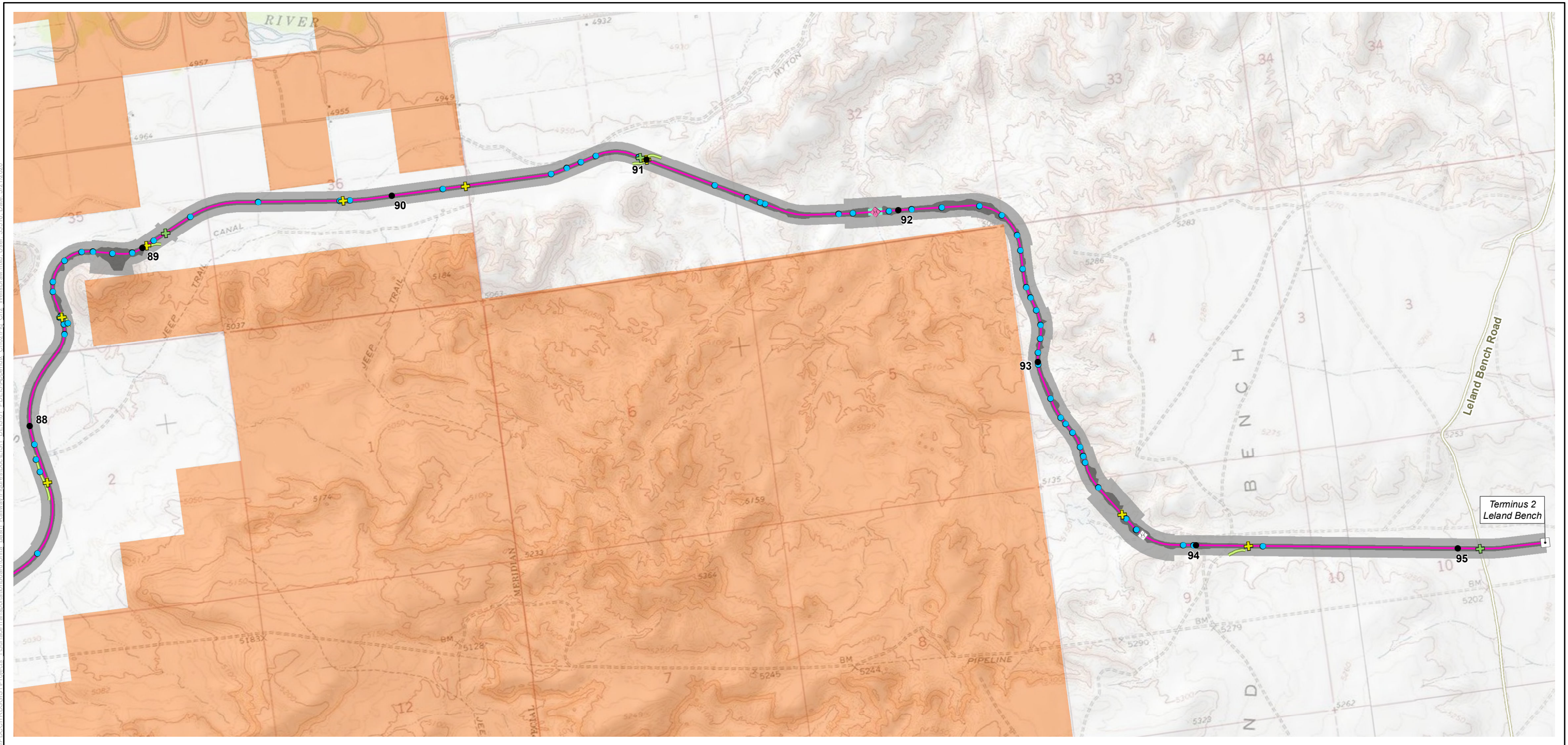
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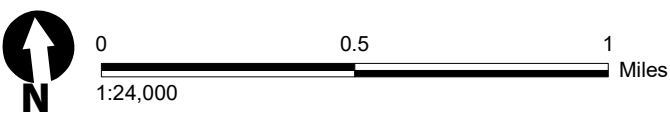
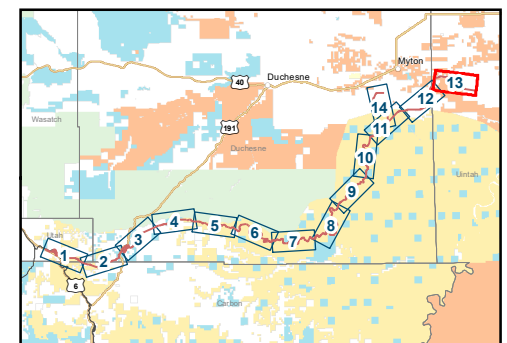
Wells Draw Alternative Project Features
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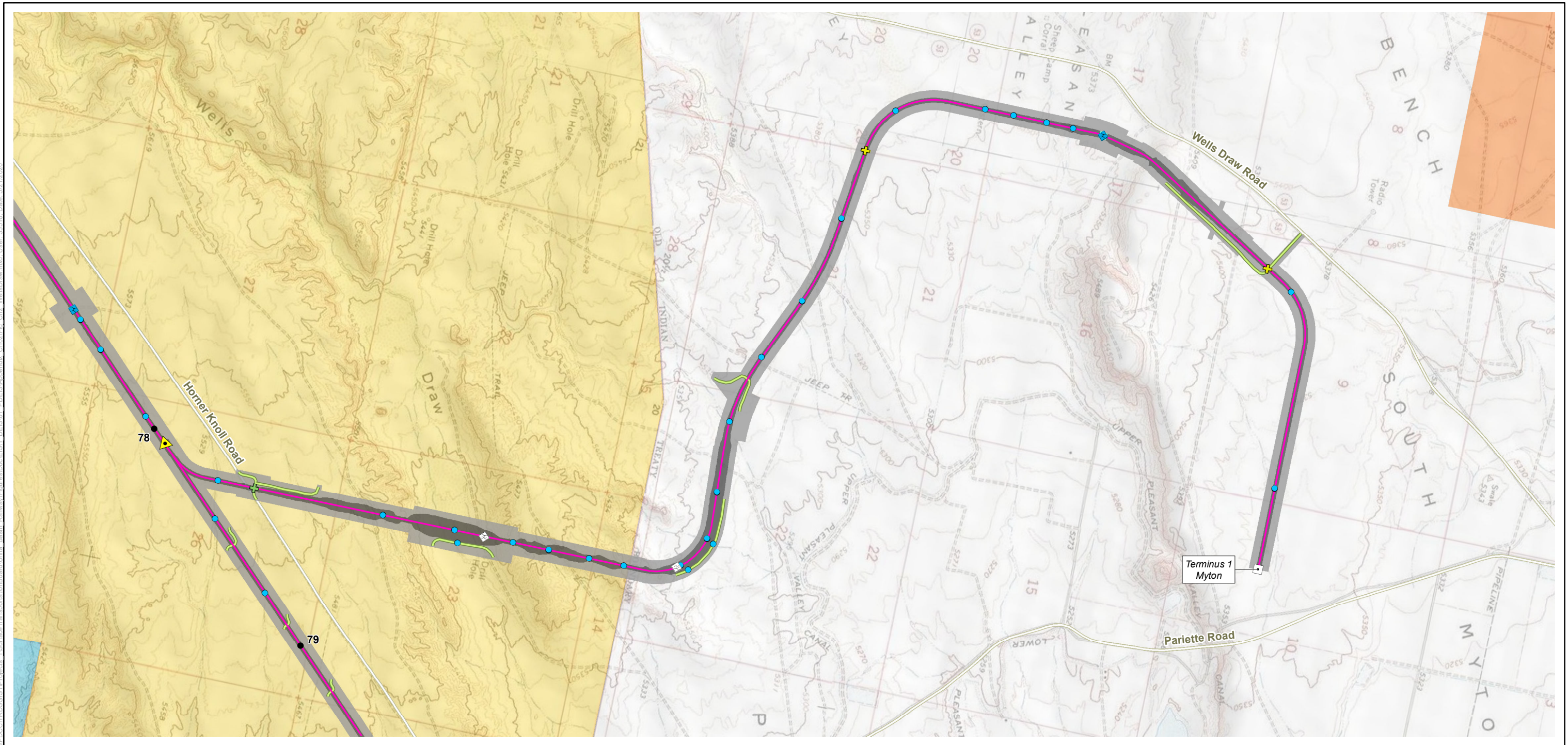


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|--------------------------|-----------------|--|--------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Terminal | Road Relocation | Public Road | U.S. Hwy |
| Project Footprint | Culvert | Private Road | State Route |
| Rail Line Footprint | Bridge | Bridge Span Type | County Road |
| Temporary Footprint | | Rolled Steel Beam Span w/ Steel Pan Deck | Land Status |
| | | To Be Determined | Private Land |
| | | | Tribal Trust Land |



Wells Draw Alternative Project Features
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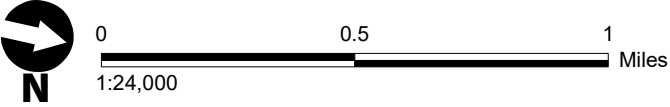
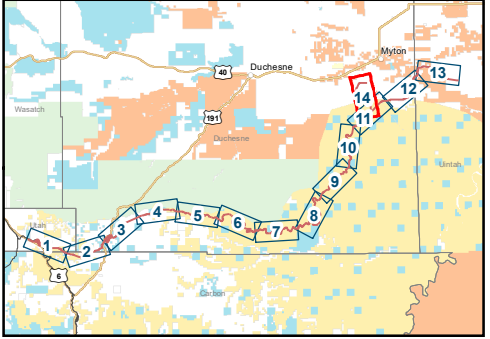
- Track - Mainline
- Terminal
- Project Footprint**
- Rail Line Footprint
- Temporary Footprint
- Communication Tower

- Milepost
- Road Relocation
- Access Road
- Culvert
- Bridge

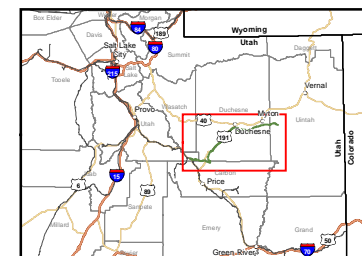
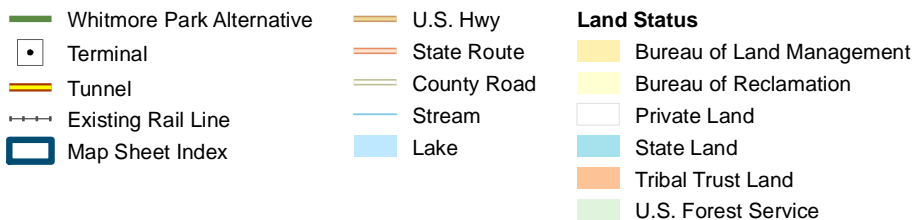
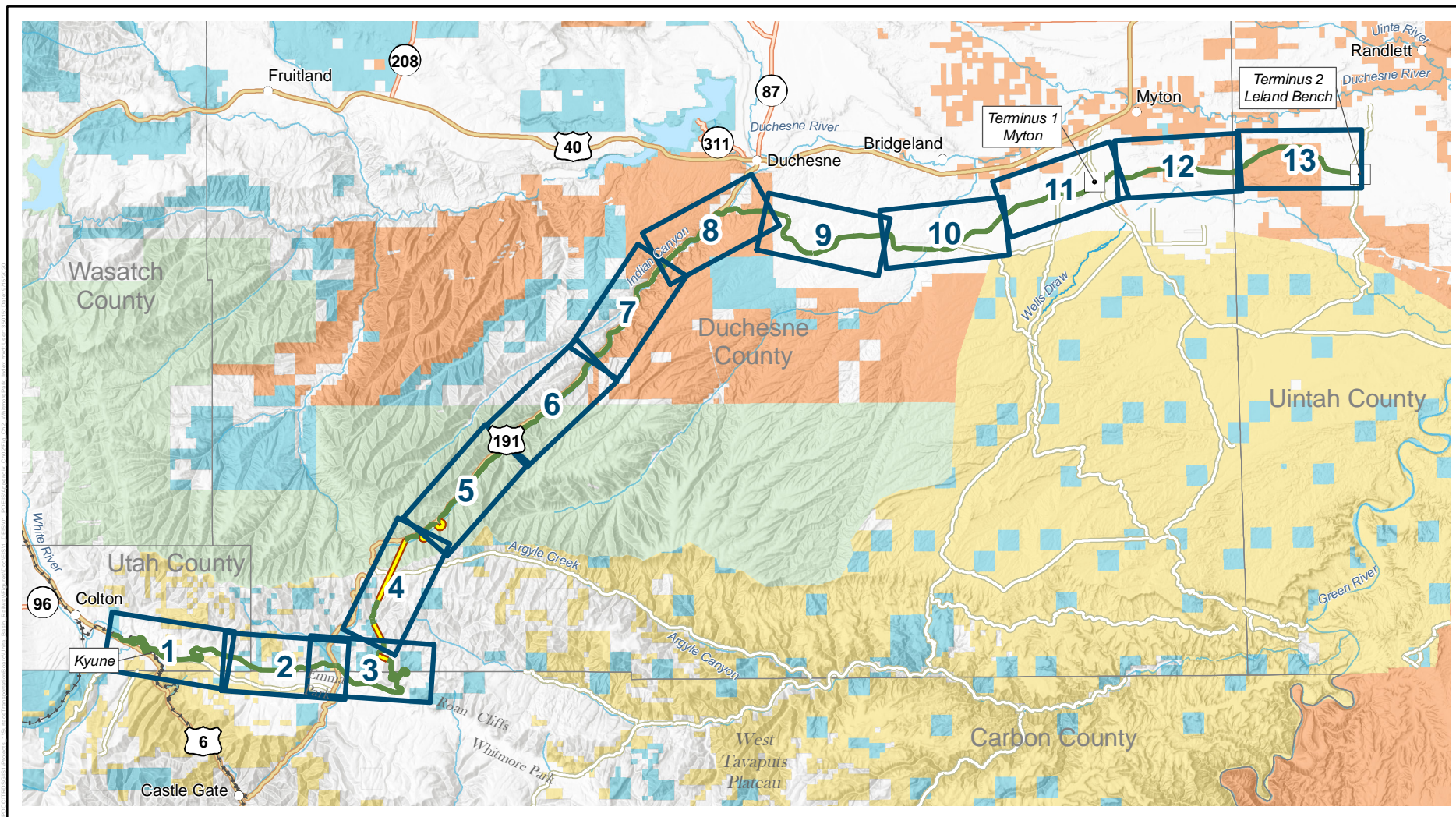
At-Grade Road Crossings

- Public Road
- Private Road
- Bridge Span Type**
- Precast Prestressed Concrete Double Cell Box Beam Span
- To Be Determined

- Interstate Hwy
- U.S. Hwy
- State Route
- County Road
- Land Status**
- Bureau of Land Management
- Private Land
- State Land
- Tribal Trust Land

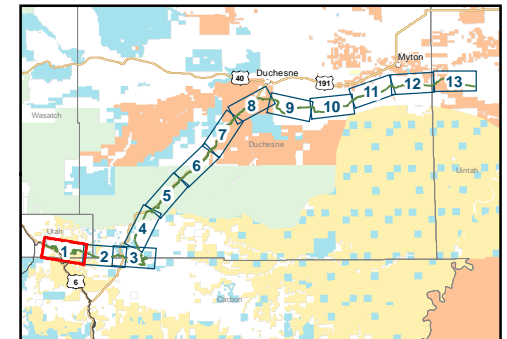
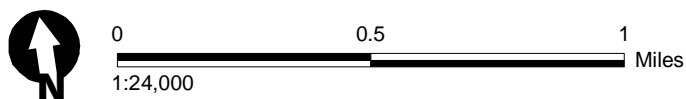
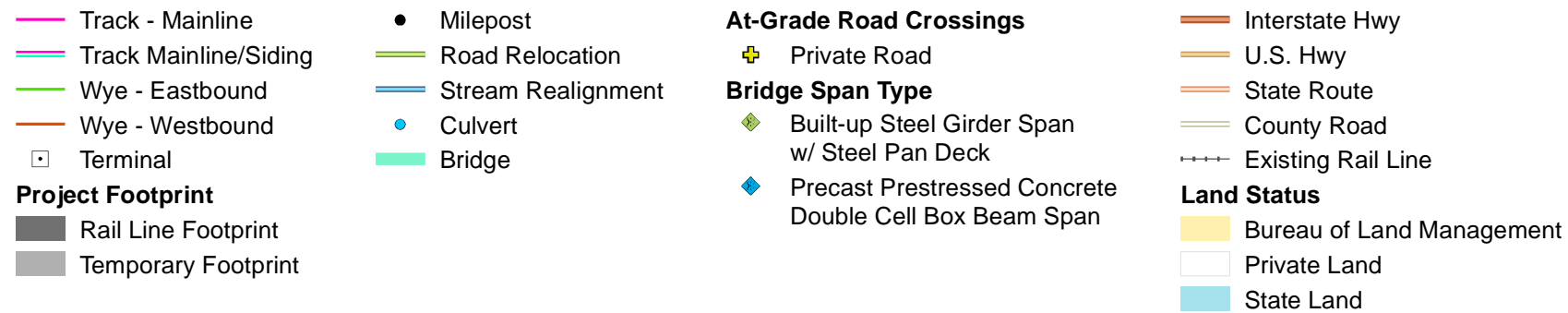
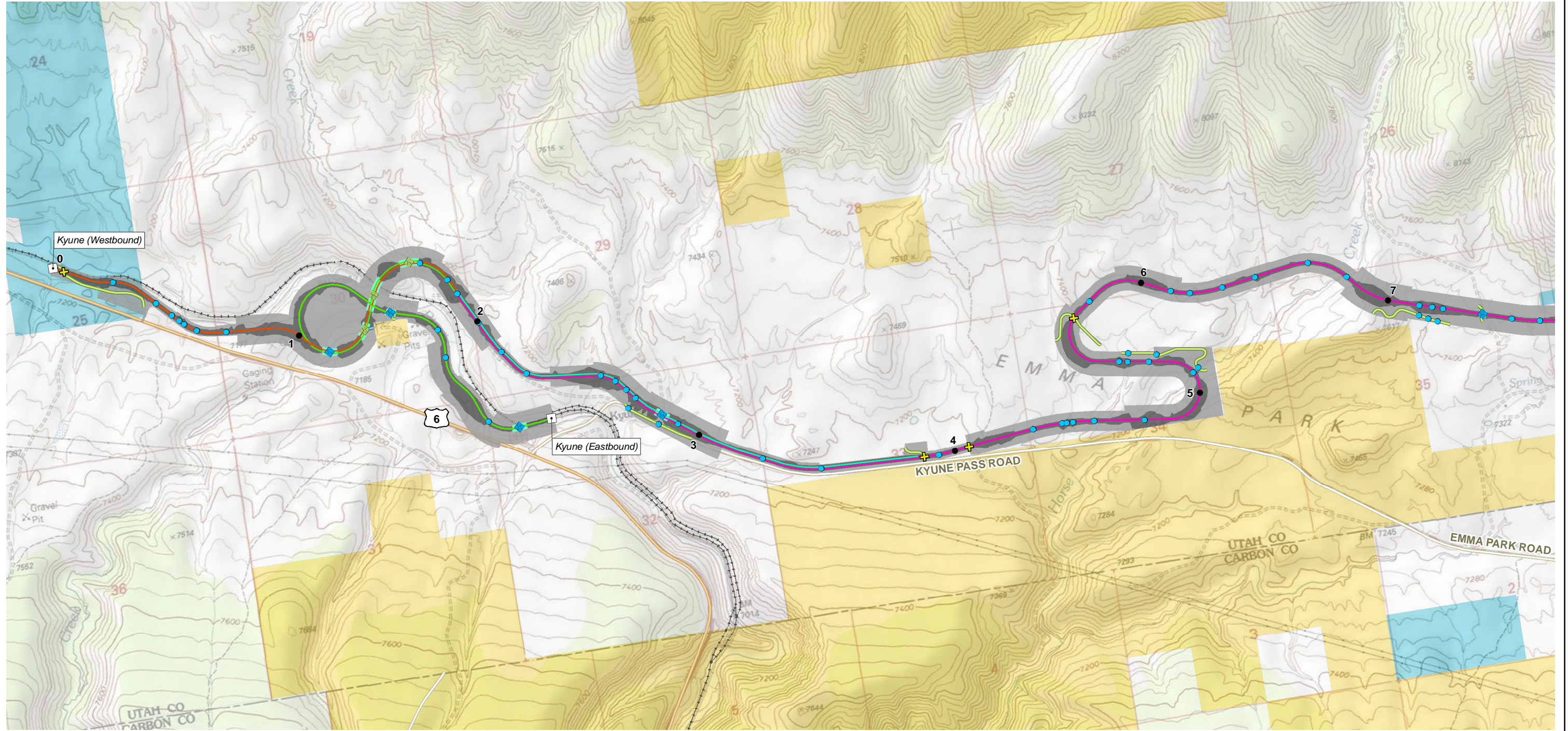


Wells Draw Alternative Project Features
Sheet 14 of 14



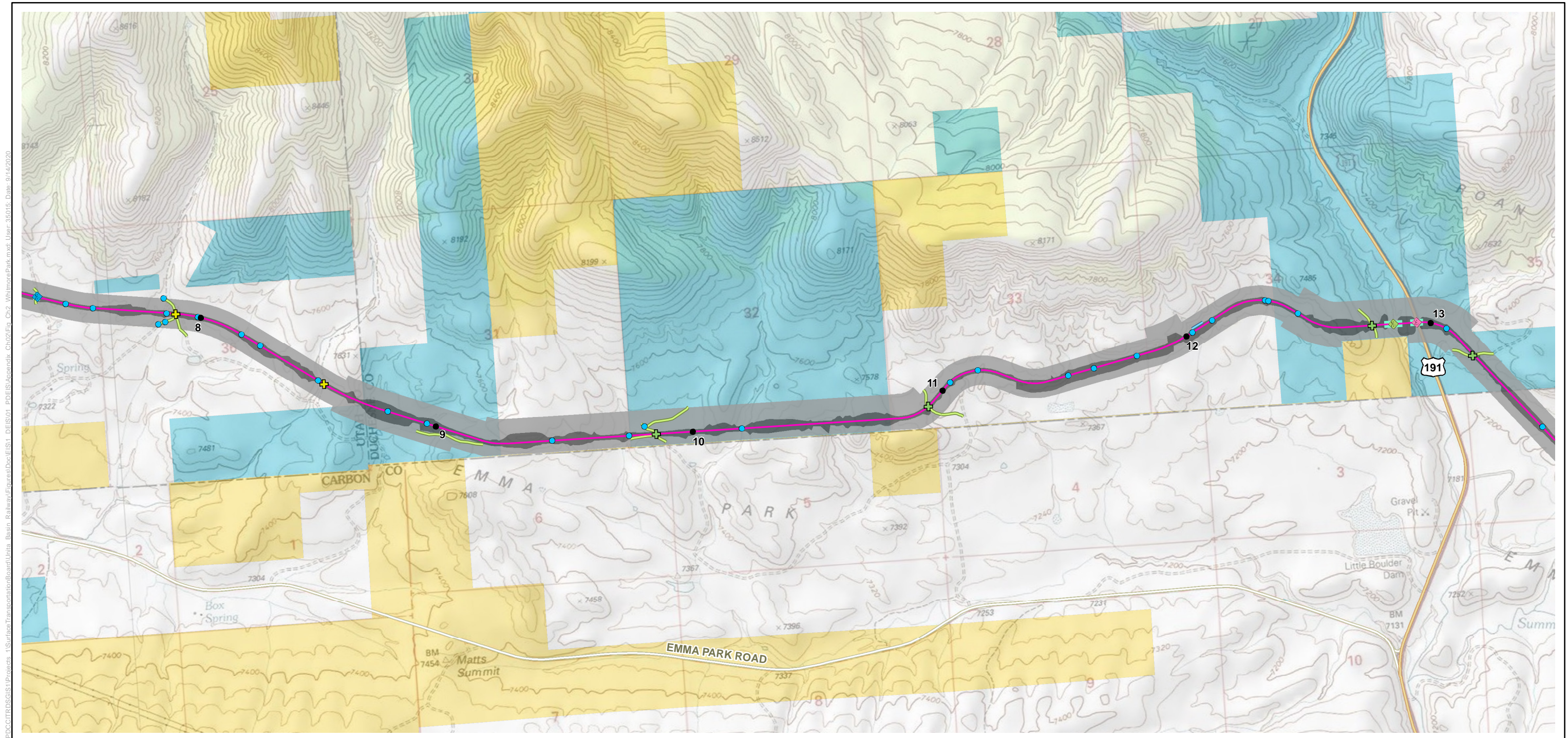
Whitmore Park Alternative Project Features

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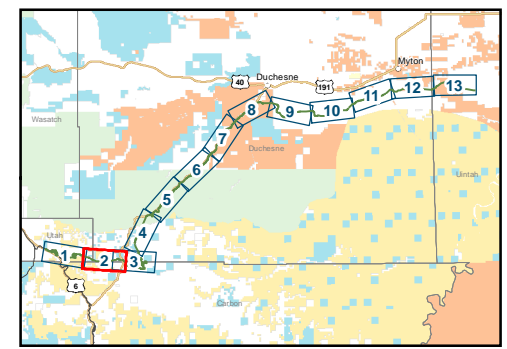
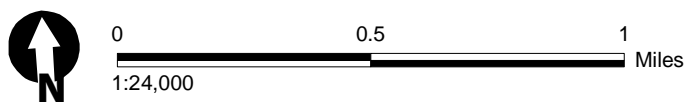


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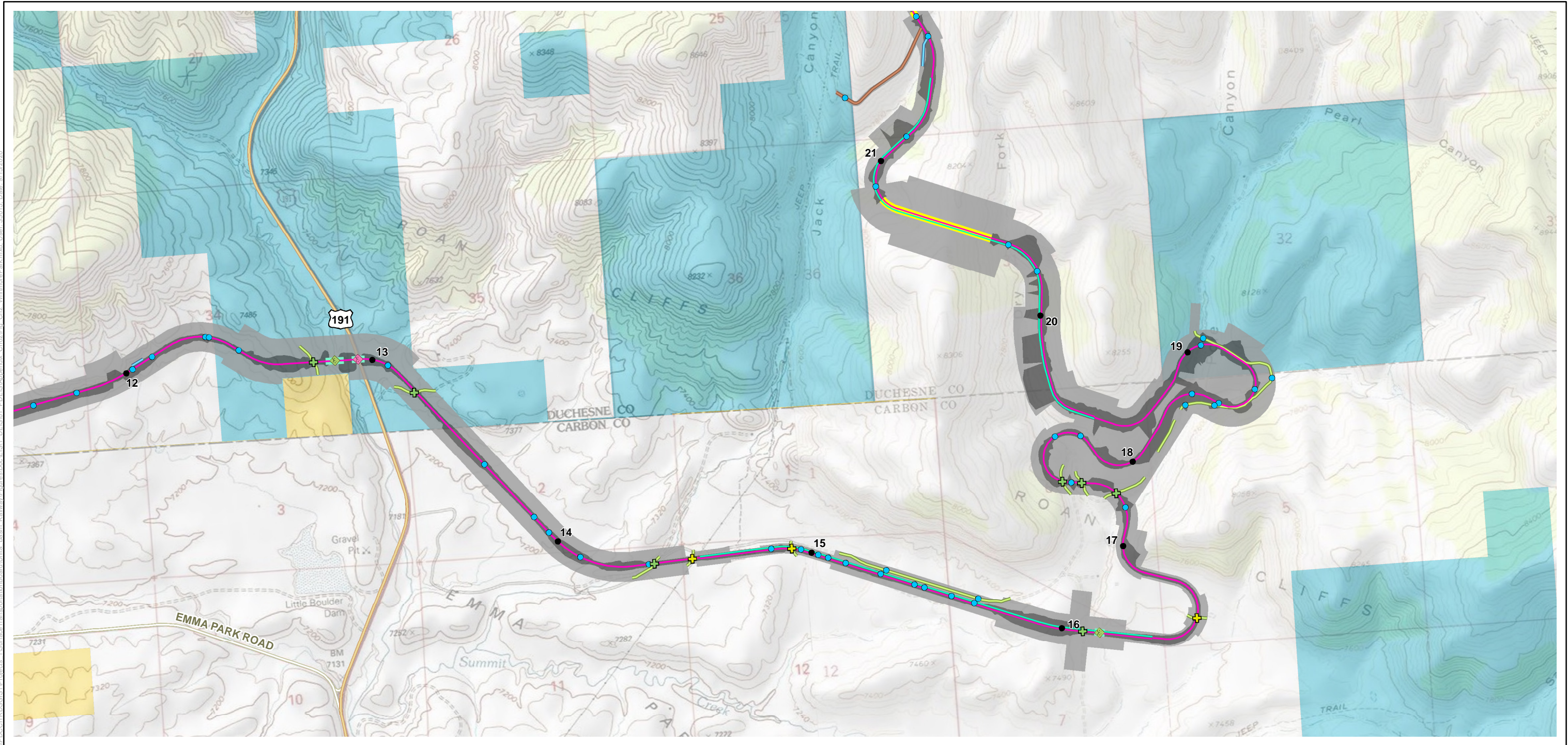


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|---|--|--|--|
| <ul style="list-style-type: none">Track - MainlineProject Footprint<ul style="list-style-type: none">Rail Line FootprintTemporary Footprint | <ul style="list-style-type: none">MilepostRoad RelocationStream RealignmentCulvertBridge | At-Grade Road Crossings <ul style="list-style-type: none">Public RoadPrivate Road Bridge Span Type <ul style="list-style-type: none">Built-up Steel Girder Span w/ Steel Pan DeckPrecast Prestressed Concrete Double Cell Box Beam SpanRolled Steel Beam Span w/ Steel Pan Deck | <ul style="list-style-type: none">Interstate HwyU.S. HwyState RouteCounty Road Land Status <ul style="list-style-type: none">Bureau of Land ManagementPrivate LandState Land |
|---|--|--|--|

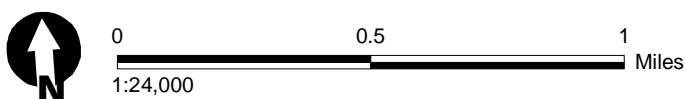
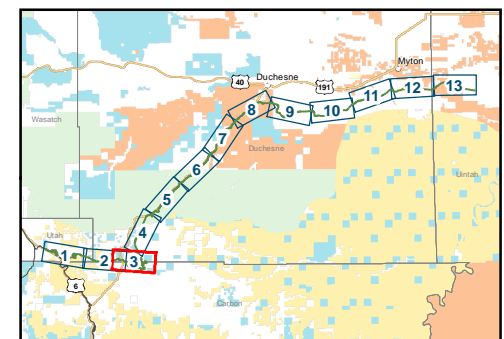


Whitmore Park Alternative Project Features
Sheet 2 of 13

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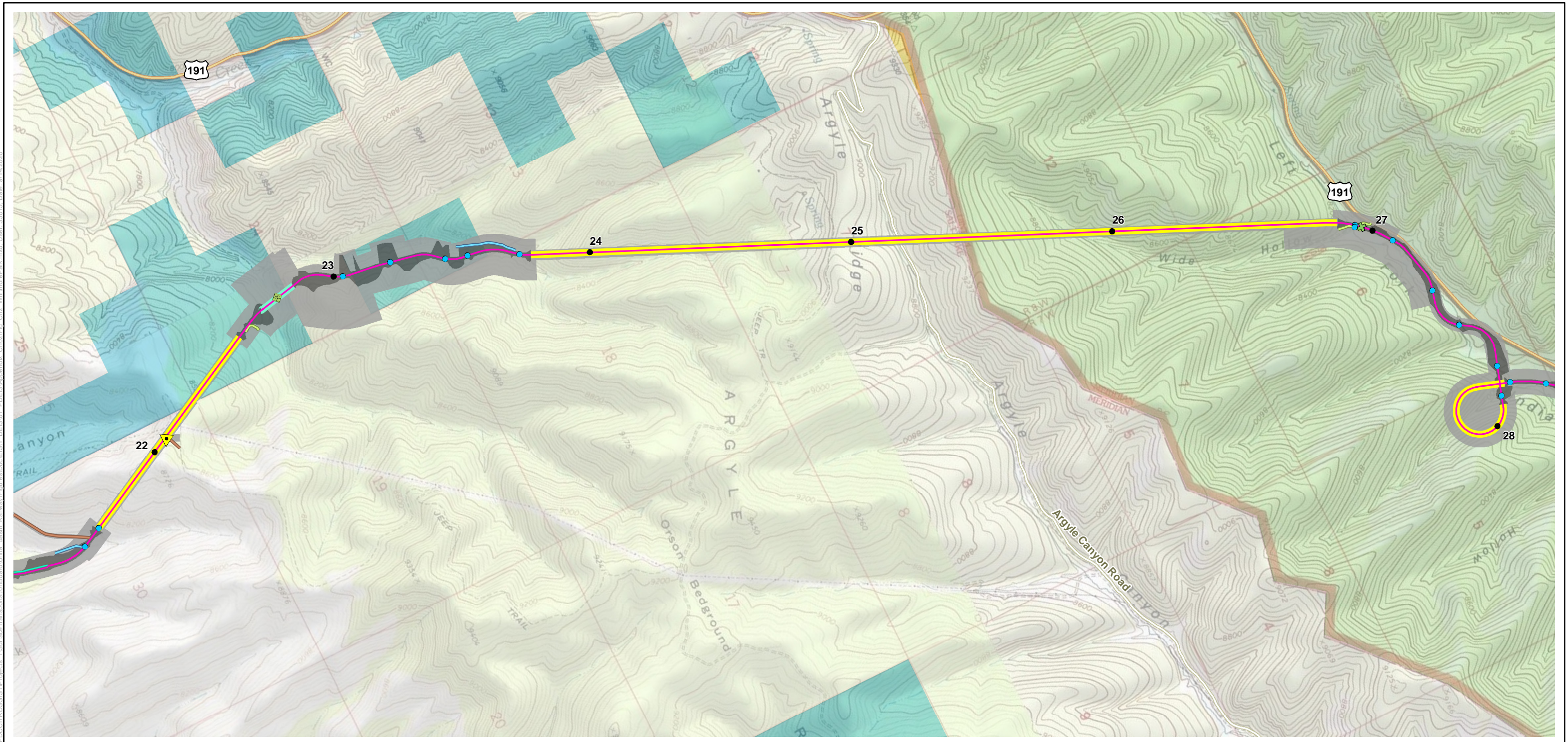


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|--------------------------|--------------------|--|---------------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Access Road | Bridge Span Type | State Route |
| Rail Line Footprint | Stream Realignment | Built-up Steel Girder Span w/ Steel Pan Deck | County Road |
| Temporary Footprint | Culvert | Rolled Steel Beam Span w/ Steel Pan Deck | Land Status |
| | Tunnel | | Bureau of Land Management |
| | Bridge | | Private Land |
| | | | State Land |

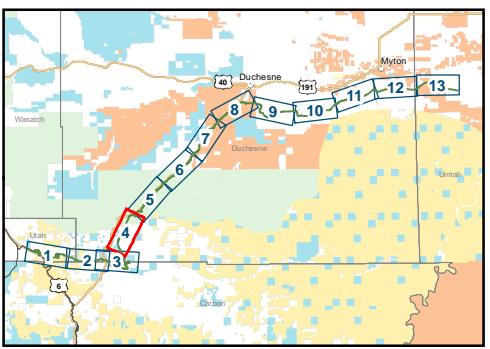
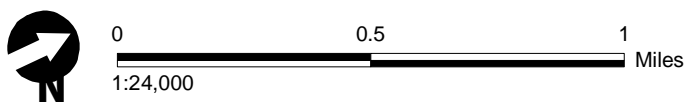


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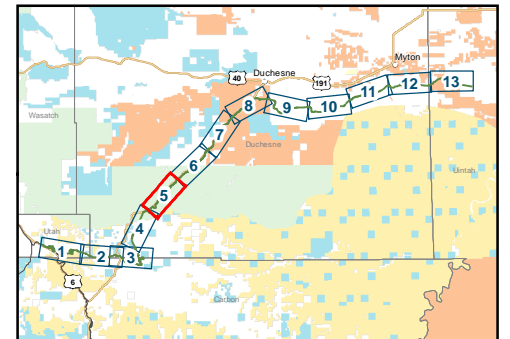
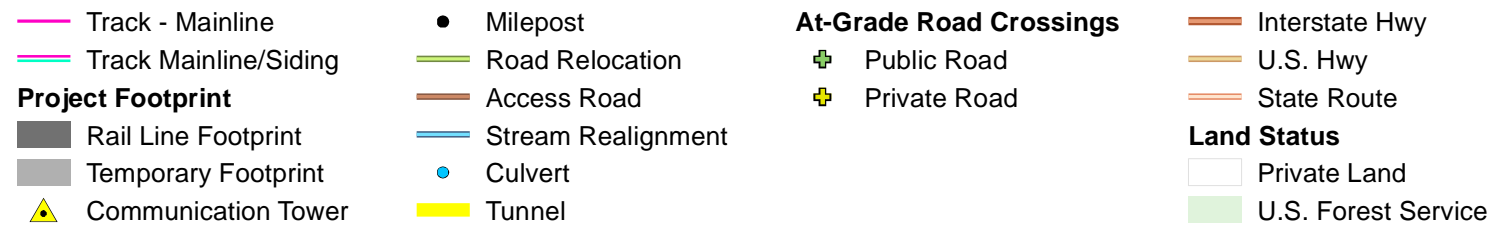
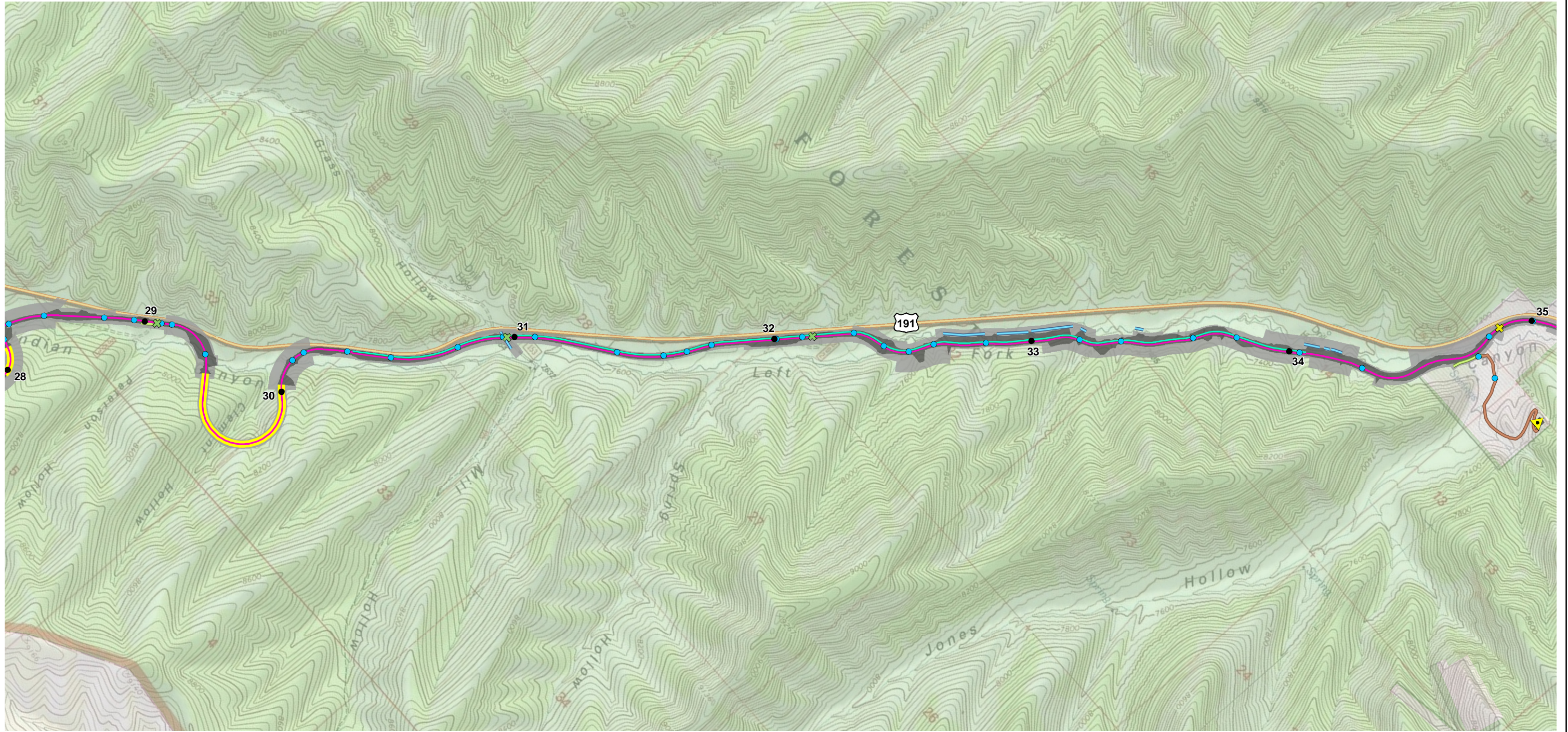


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|--|---|---|--|
| <ul style="list-style-type: none">Track - MainlineTrack Mainline/Siding | <ul style="list-style-type: none">MilepostRoad RelocationAccess RoadStream RealignmentCulvertTunnelBridge | At-Grade Road Crossings <ul style="list-style-type: none">Public Road Bridge Span Type <ul style="list-style-type: none">Built-up Steel Girder Span w/ Steel Pan Deck | <ul style="list-style-type: none">Interstate HwyU.S. HwyState RouteCounty Road Land Status <ul style="list-style-type: none">Bureau of Land ManagementPrivate LandState LandU.S. Forest Service |
| Project Footprint <ul style="list-style-type: none">Rail Line FootprintTemporary FootprintCommunication Tower | | | |



Whitmore Park Alternative Project Features
Sheet 4 of 13

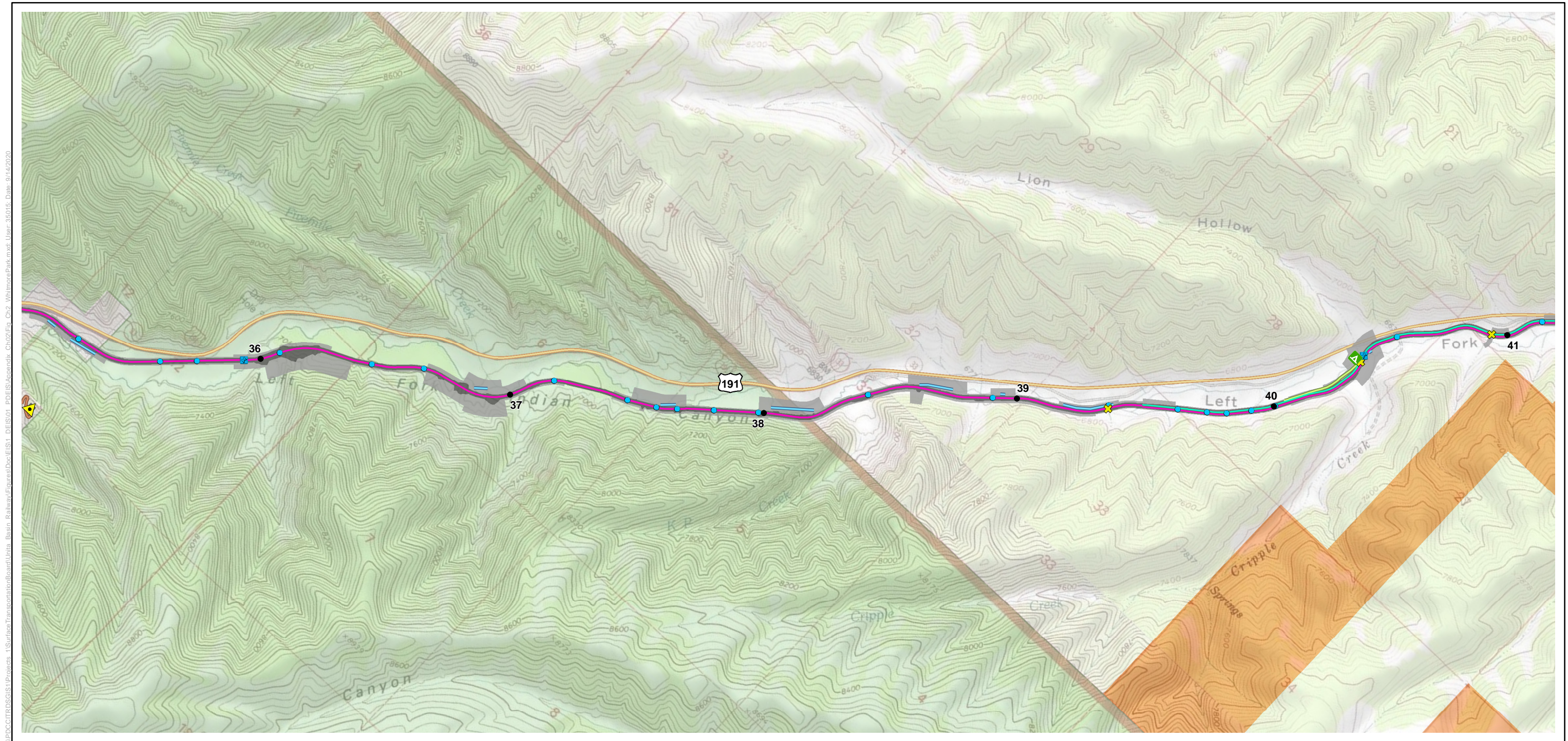
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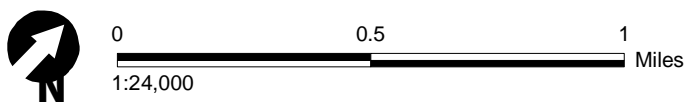
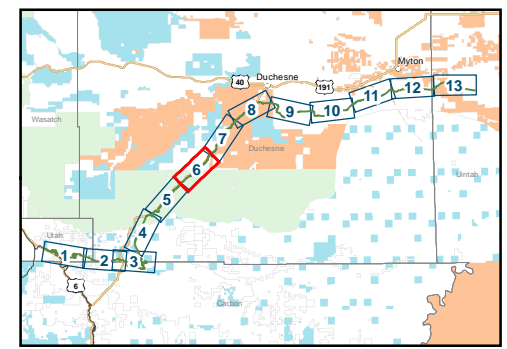
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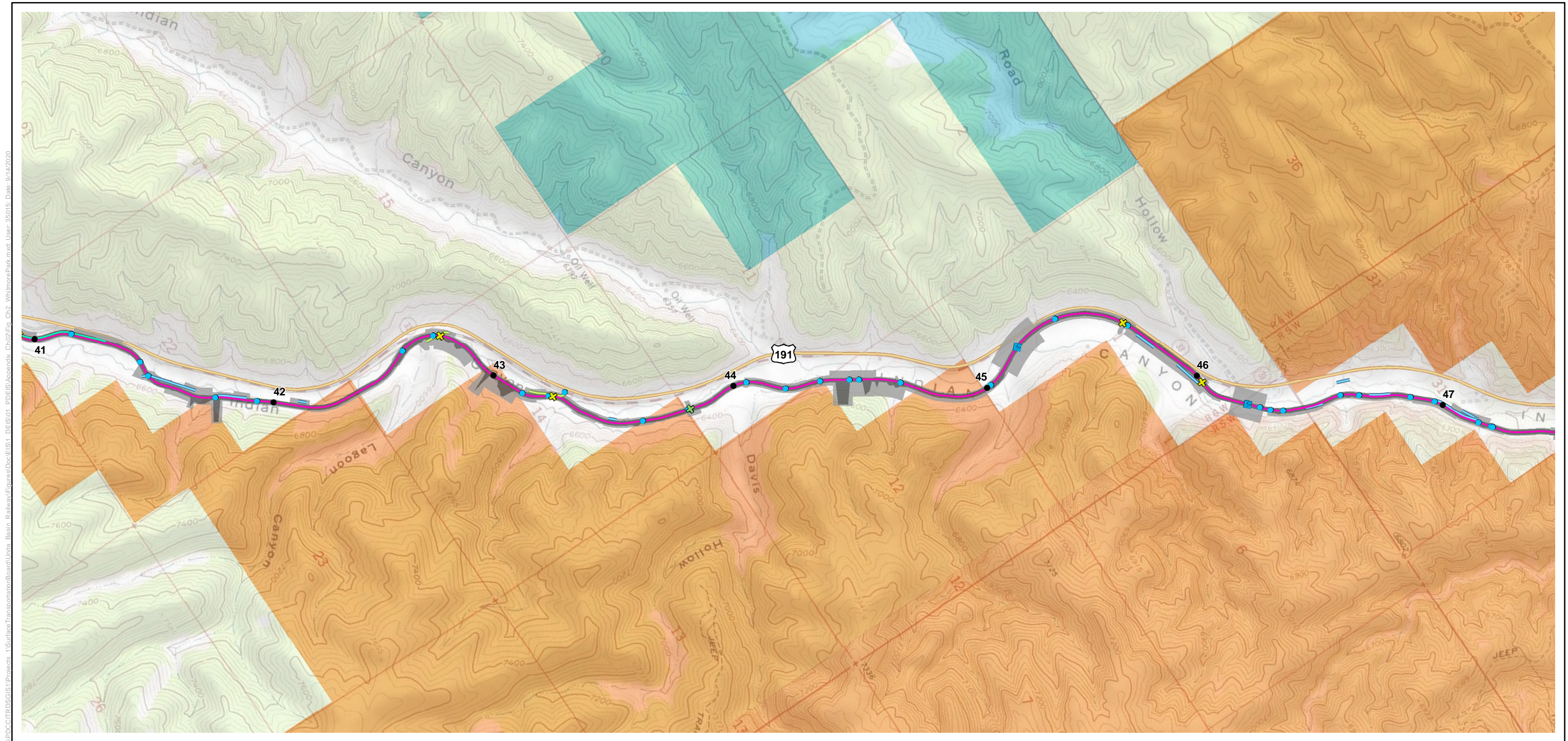


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| <ul style="list-style-type: none">Track - MainlineTrack Mainline/Siding | <ul style="list-style-type: none">MilepostRoad RelocationAccess Road | At-Grade Road Crossings <ul style="list-style-type: none">Private Road | <ul style="list-style-type: none">Interstate HwyU.S. HwyState Route |
| Project Footprint <ul style="list-style-type: none">Rail Line FootprintTemporary FootprintTemporary Housing CampCommunication Tower | <ul style="list-style-type: none">Stream RealignmentCulvertBridge | Bridge Span Type <ul style="list-style-type: none">Precast Prestressed Concrete Double Cell Box Beam Span | Land Status <ul style="list-style-type: none">Private LandTribal Trust LandU.S. Forest Service |

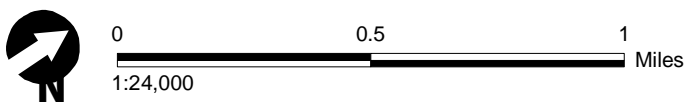
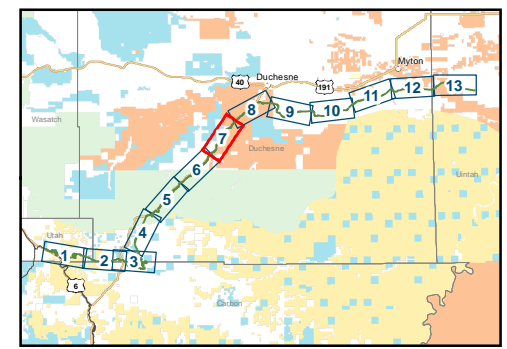


Whitmore Park Alternative Project Features
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\\POC\ITRDS\GIS\1\Projects_1\SurfaceTransportation\Board\Units_Basin_Railway\Figures\Doc\EIS1_DEIS\01_PDEIS\Appendix_C\02\Fig_Ch2_WhitmorePark.mxd; User: 35015; Date: 9/14/2020

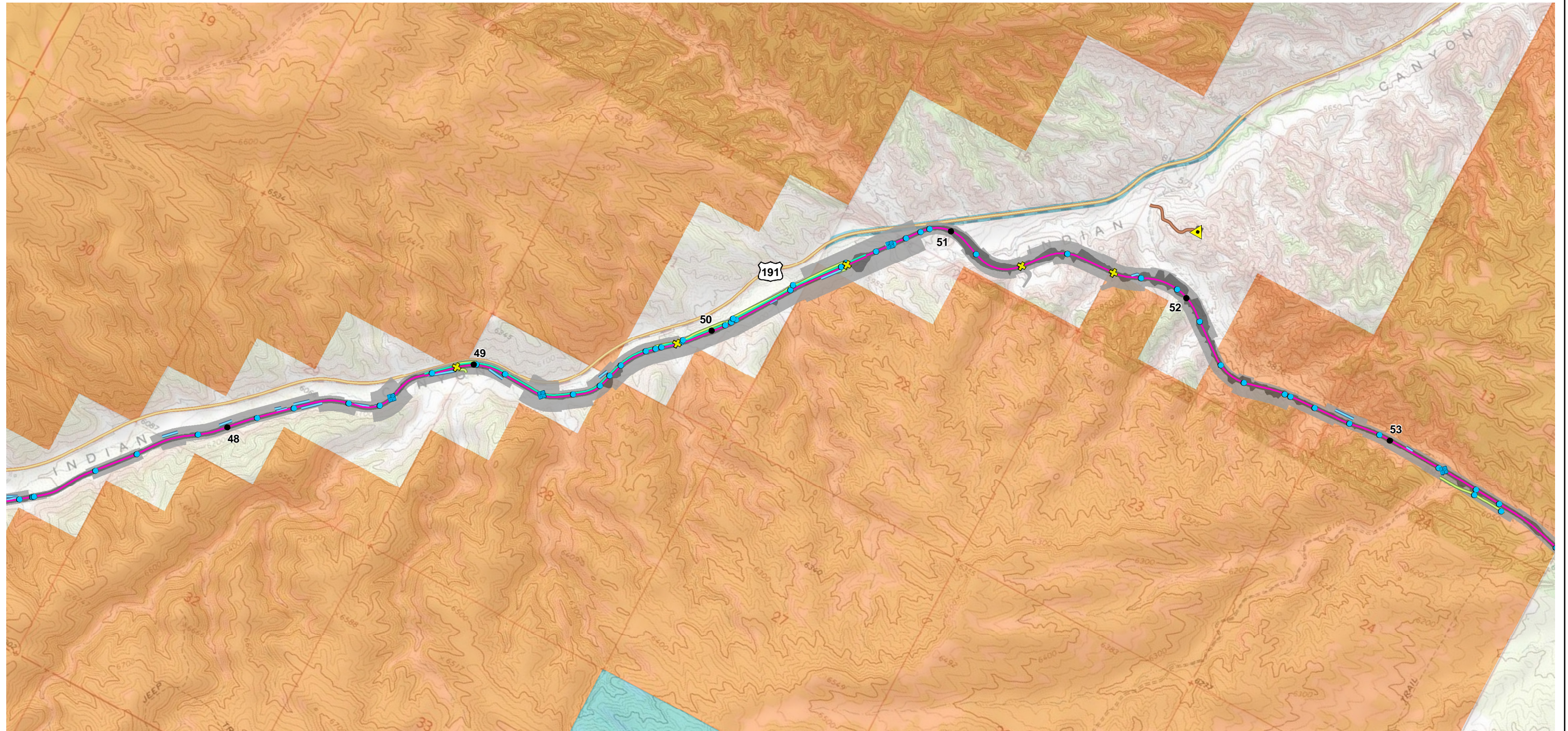


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Public Road | U.S. Hwy |
| Project Footprint | Stream Realignment | Private Road | State Route |
| Rail Line Footprint | Culvert | Bridge Span Type | Land Status |
| Temporary Footprint | Bridge | Precast Prestressed Concrete | Private Land |
| | | Double Cell Box Beam Span | State Land |
| | | | Tribal Trust Land |

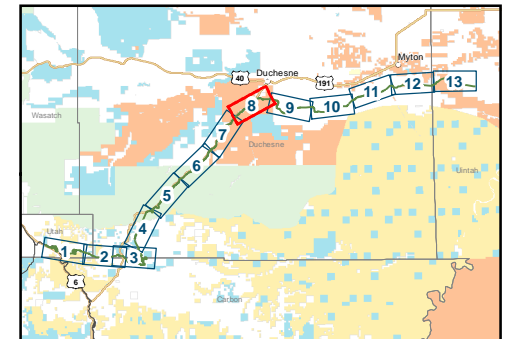


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|--------------------------|--------------------|--------------------------------|--------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Access Road | Bridge Span Type | State Route |
| Rail Line Footprint | Stream Realignment | Precast Prestressed Concrete | Land Status |
| Temporary Footprint | Culvert | Double Cell Box Beam Span | Private Land |
| Communication Tower | Bridge | | State Land |
| | | | Tribal Trust Land |



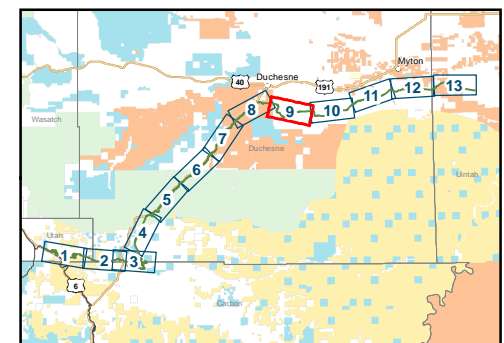
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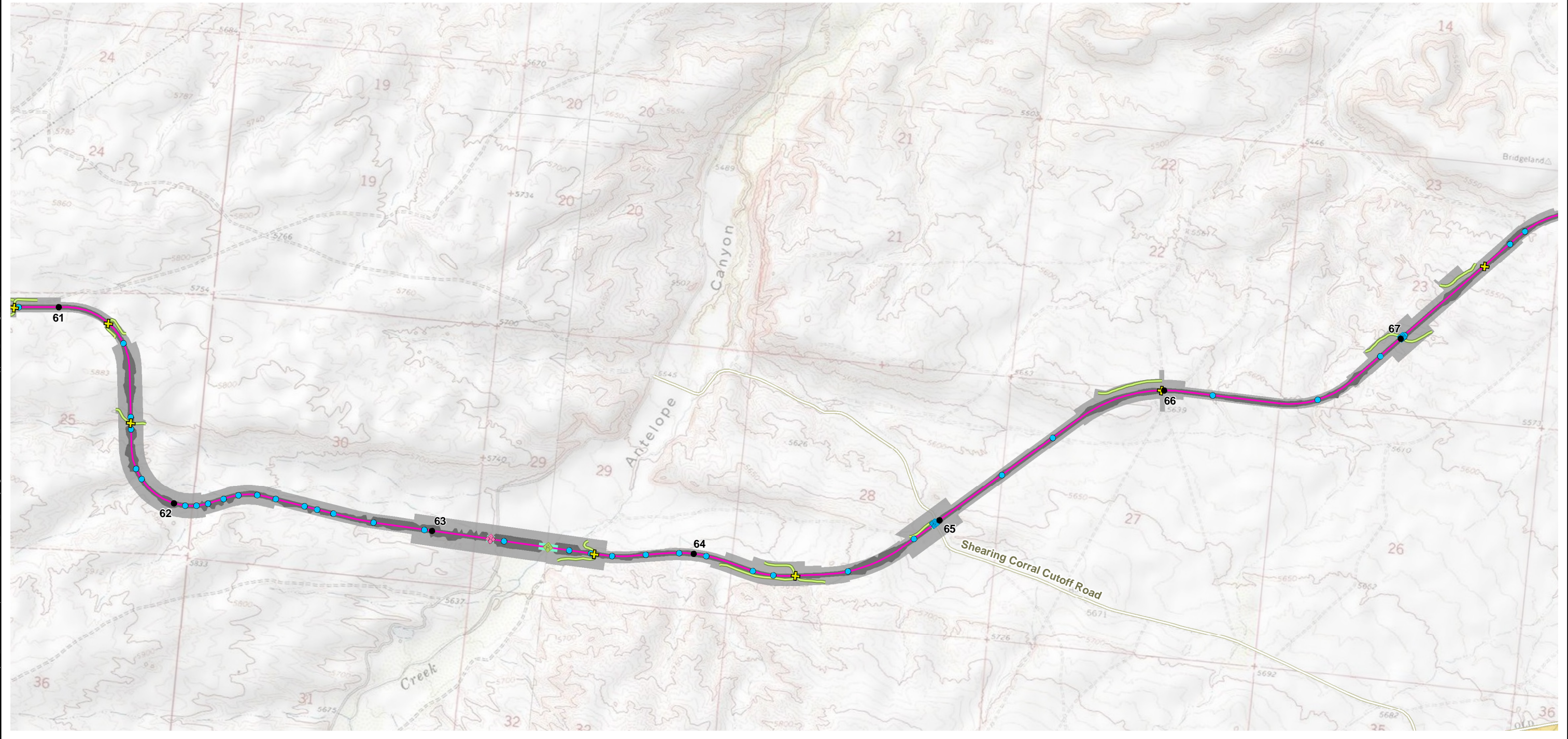
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|--------------------------|--------------------|--|-------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Project Footprint | Stream Realignment | Bridge Span Type | State Route |
| Rail Line Footprint | Culvert | Built-up Steel Girder Span w/ Steel Pan Deck | Private Land |
| Temporary Footprint | Bridge | Precast Prestressed Concrete Double Cell Box Beam Span | Tribal Trust Land |
| | | To Be Determined | |



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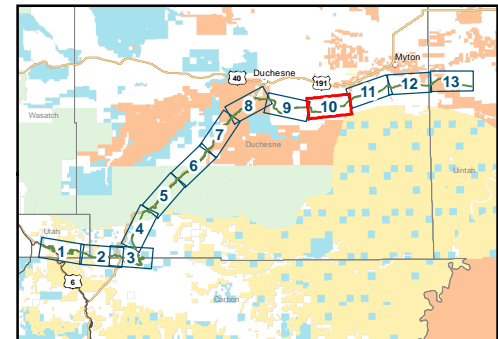
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|--------------------------|-----------------|--|---------------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Private Road | U.S. Hwy |
| Rail Line Footprint | Culvert | Bridge Span Type | State Route |
| Temporary Footprint | Bridge | Built-up Steel Girder Span w/ Steel Pan Deck | County Road |
| | | Precast Prestressed Concrete Double Cell Box Beam Span | Land Status |
| | | Rolled Steel Beam Span w/ Steel Pan Deck | Bureau of Land Management |
| | | | Private Land |



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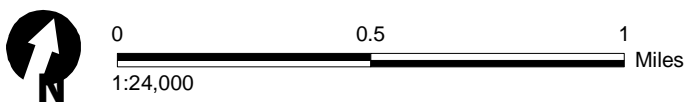
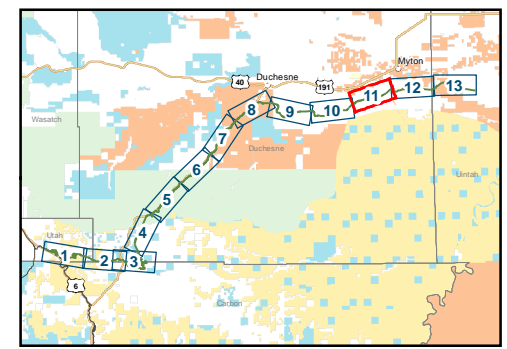


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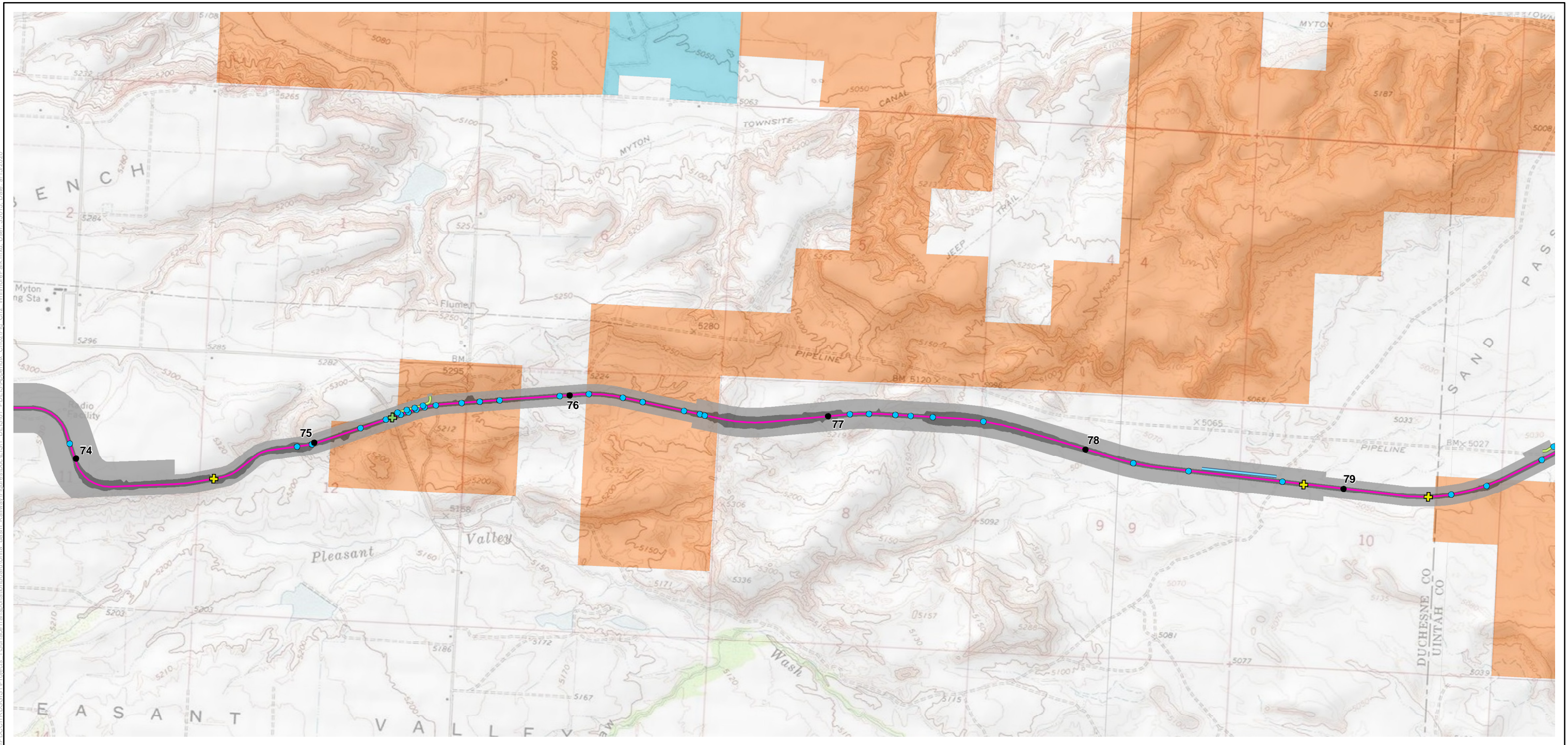


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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Private Road | U.S. Hwy |
| Terminal | Access Road | Bridge Span Type | State Route |
| Project Footprint | Culvert | Precast Prestressed Concrete Double Cell Box Beam Span | County Road |
| Rail Line Footprint | Bridge | | Land Status |
| Temporary Footprint | | | Private Land |
| Communication Tower | | | Tribal Trust Land |

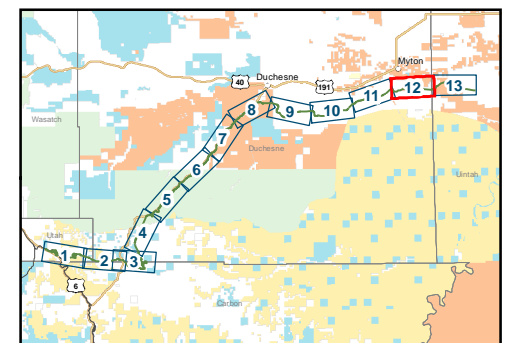


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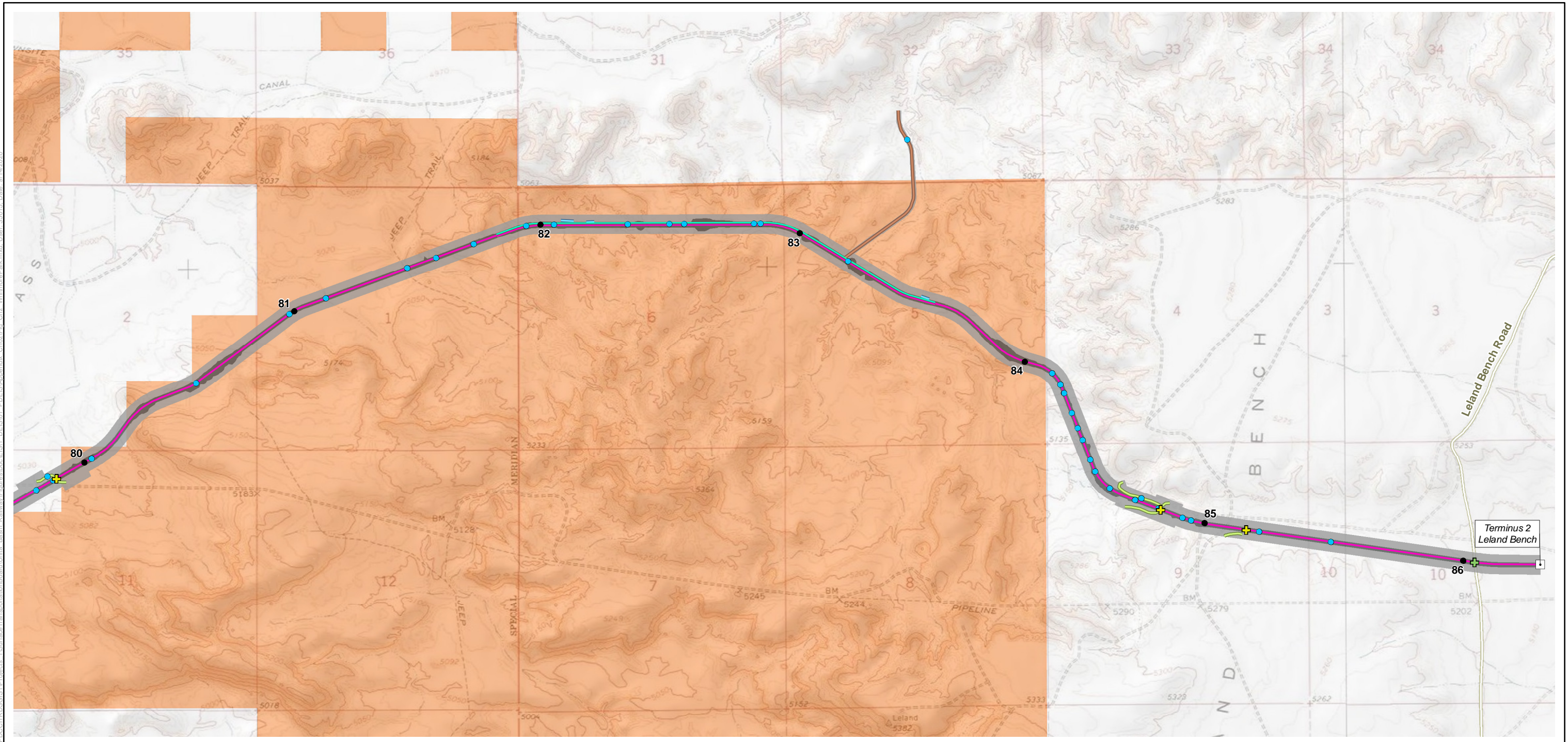
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| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Project Footprint | Road Relocation | Public Road | U.S. Hwy |
| Rail Line Footprint | Stream Realignment | Private Road | State Route |
| Temporary Footprint | Culvert | Land Status | Private Land |
| | | State Land | Tribal Trust Land |



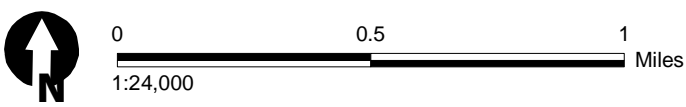
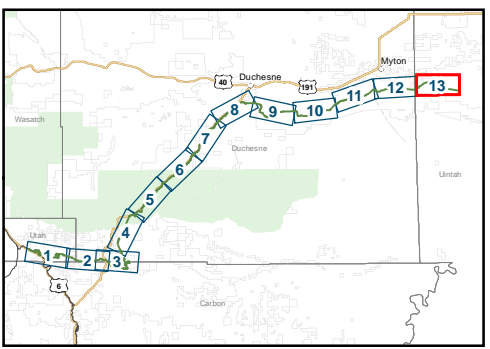
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Whitmore Park Alternative Project Features
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|--------------------------|--------------------|-------------------------|-------------------|
| Track - Mainline | Milepost | At-Grade Road Crossings | Interstate Hwy |
| Track Mainline/Siding | Road Relocation | Public Road | U.S. Hwy |
| Terminal | Access Road | Private Road | State Route |
| Project Footprint | Stream Realignment | | County Road |
| Rail Line Footprint | Culvert | Land Status | Private Land |
| Temporary Footprint | | | Tribal Trust Land |



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