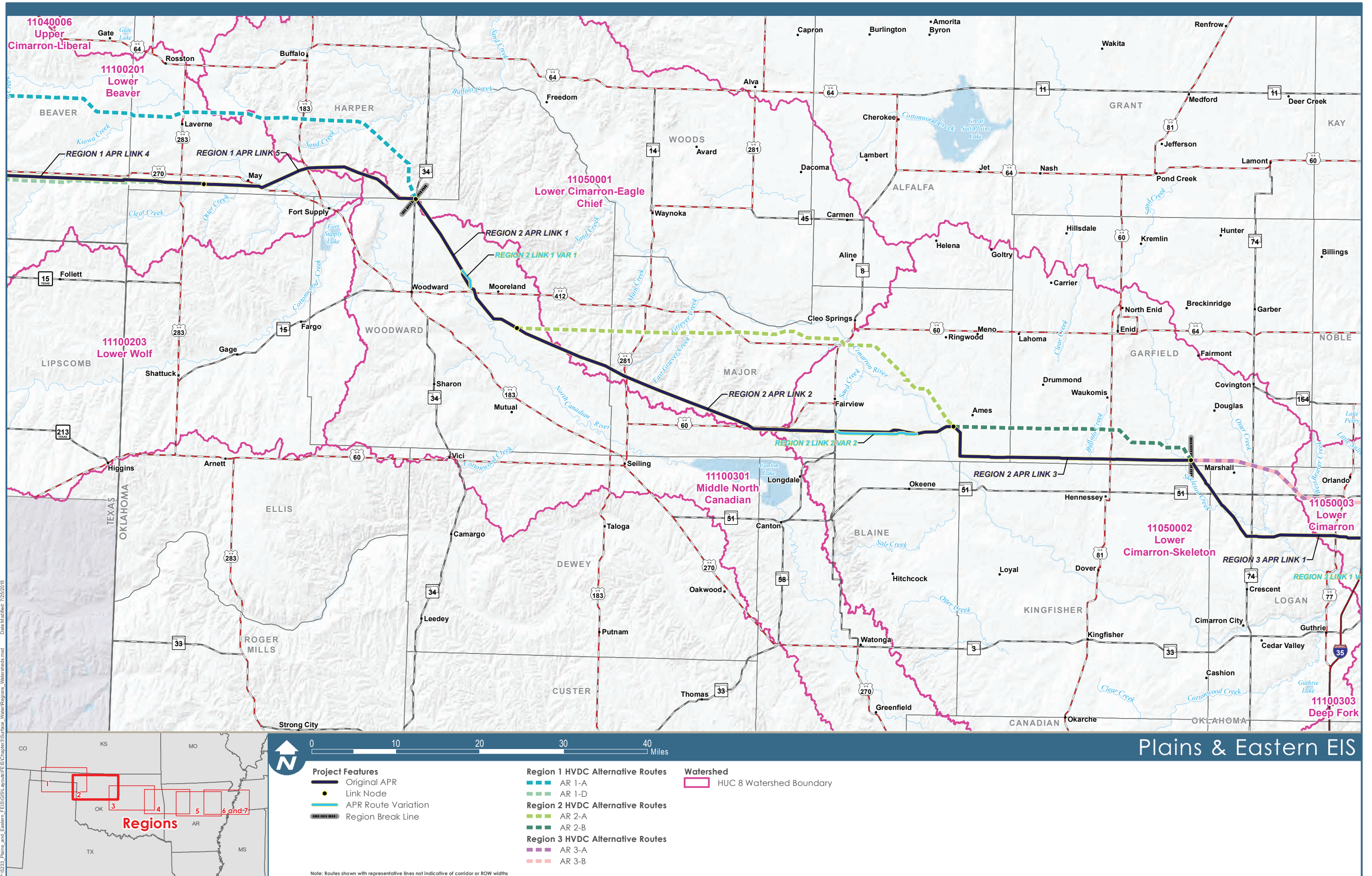


P:\5233_Plains_and_Eastern_FEBISGISL_Layout\FEBISChapter3\Surface_Water\Regions_Watersheds.mxd Date Modified: 7/25/2015

Data Sources: Watershed (USGS 2014)

Plains & Eastern EIS

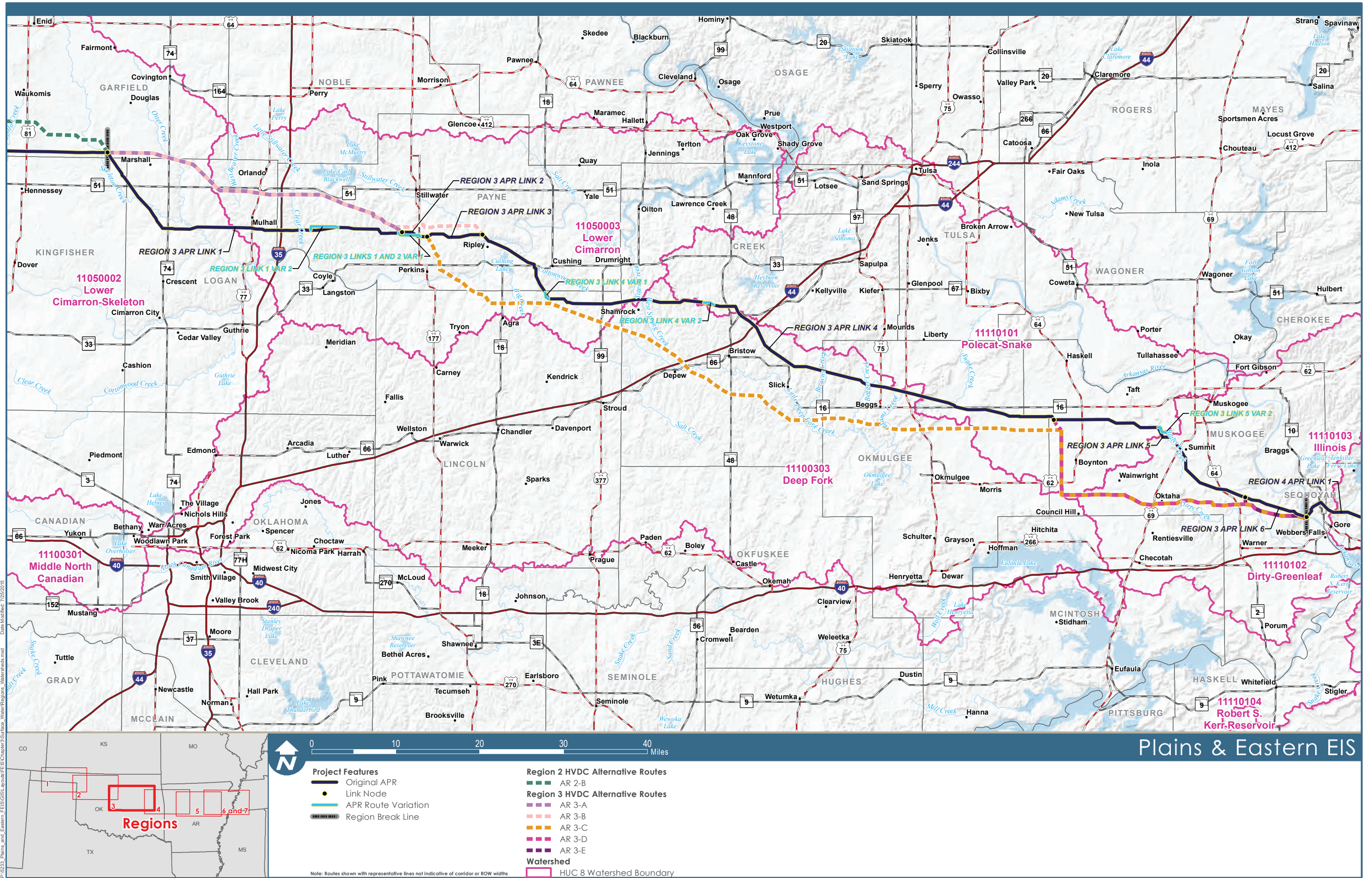
Figure 3.15-1a: Watersheds in Region 1



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Data Sources: Watershed (USGS 2014)

Figure 3.15-1b: Watersheds in Region 2



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 Date Modified: 7/25/2015

Data Sources: Watershed (USGS 2014)

Plains & Eastern EIS

Figure 3.15-1c: Watersheds in Region 3

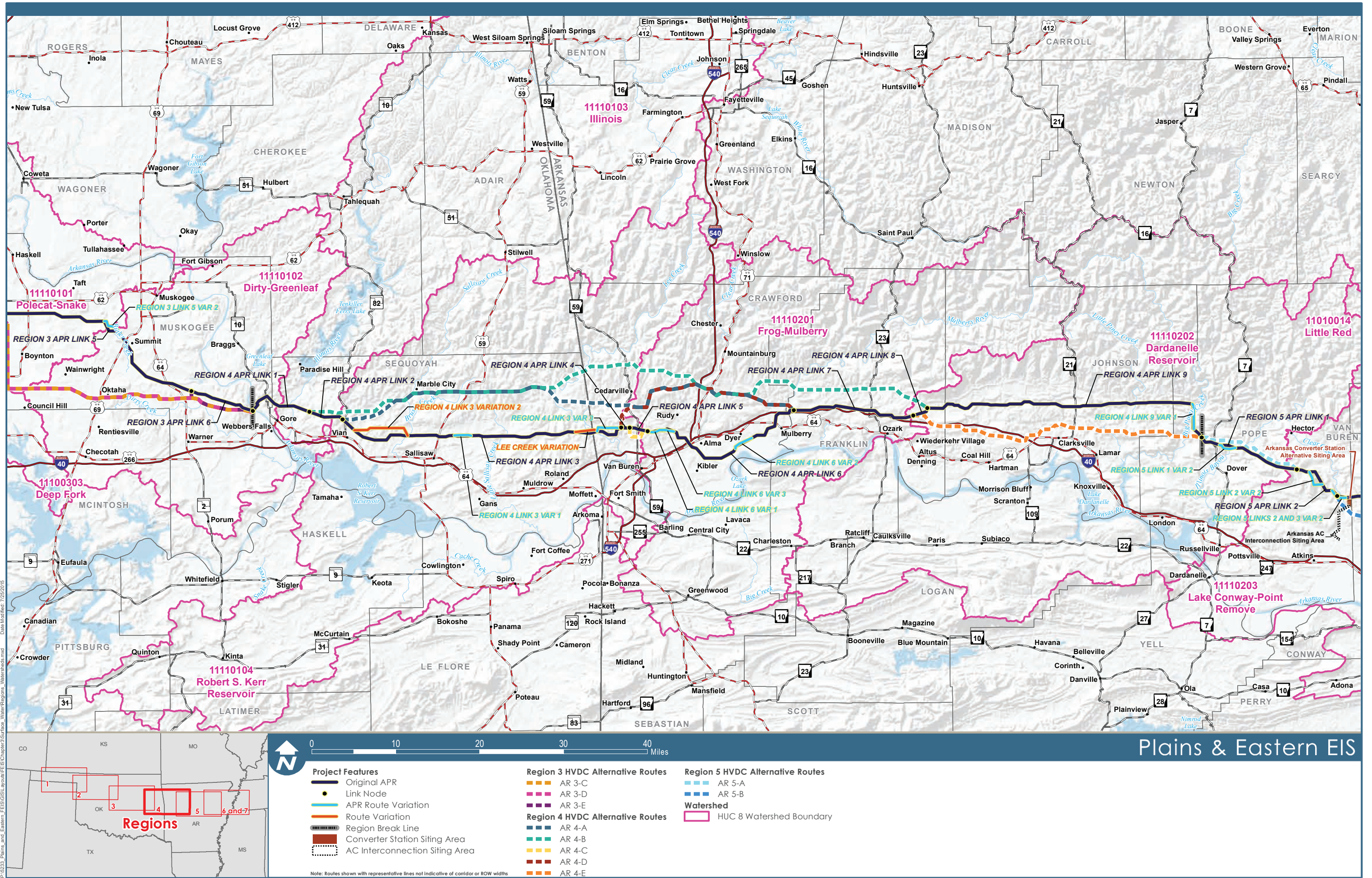
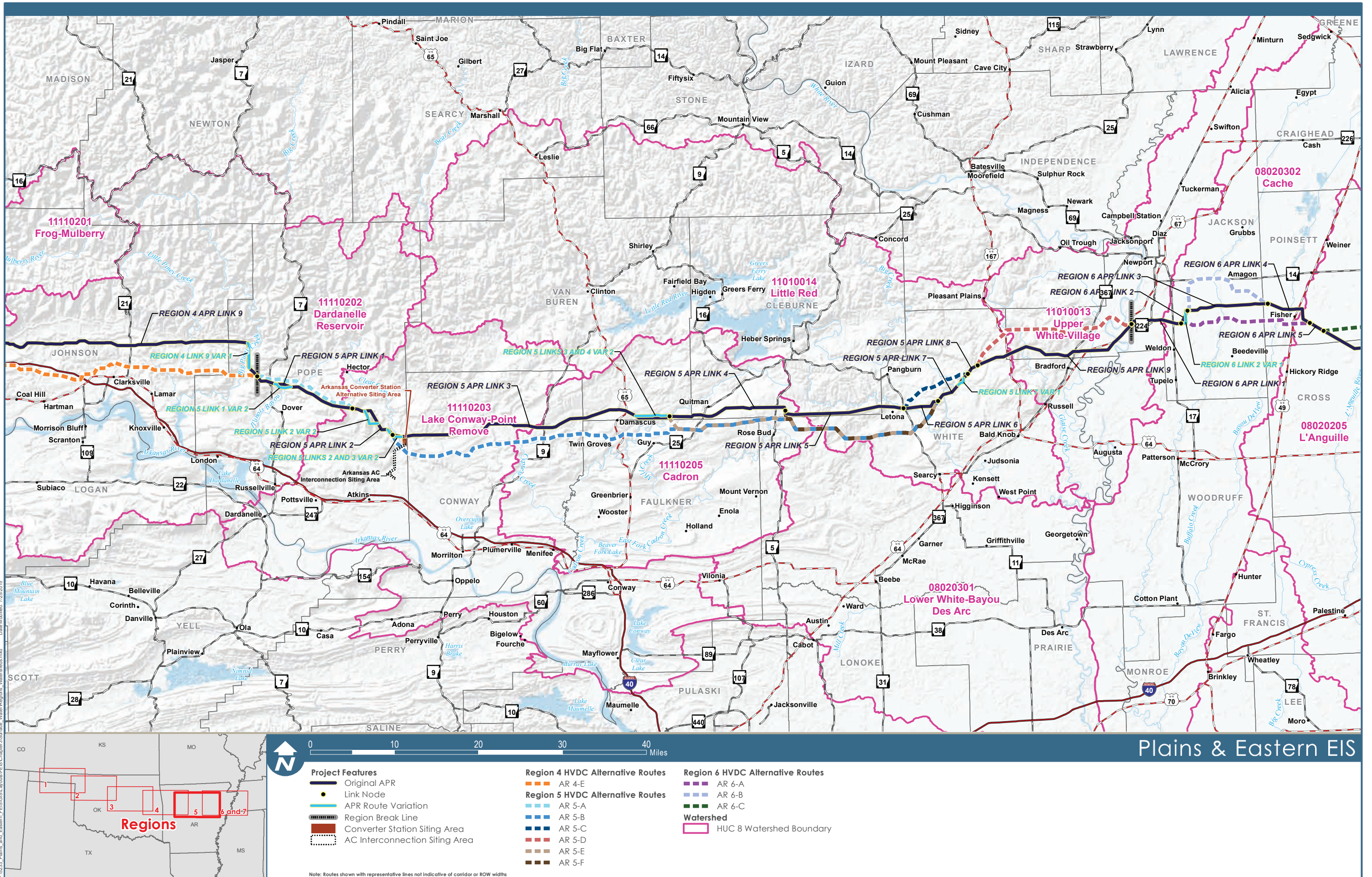
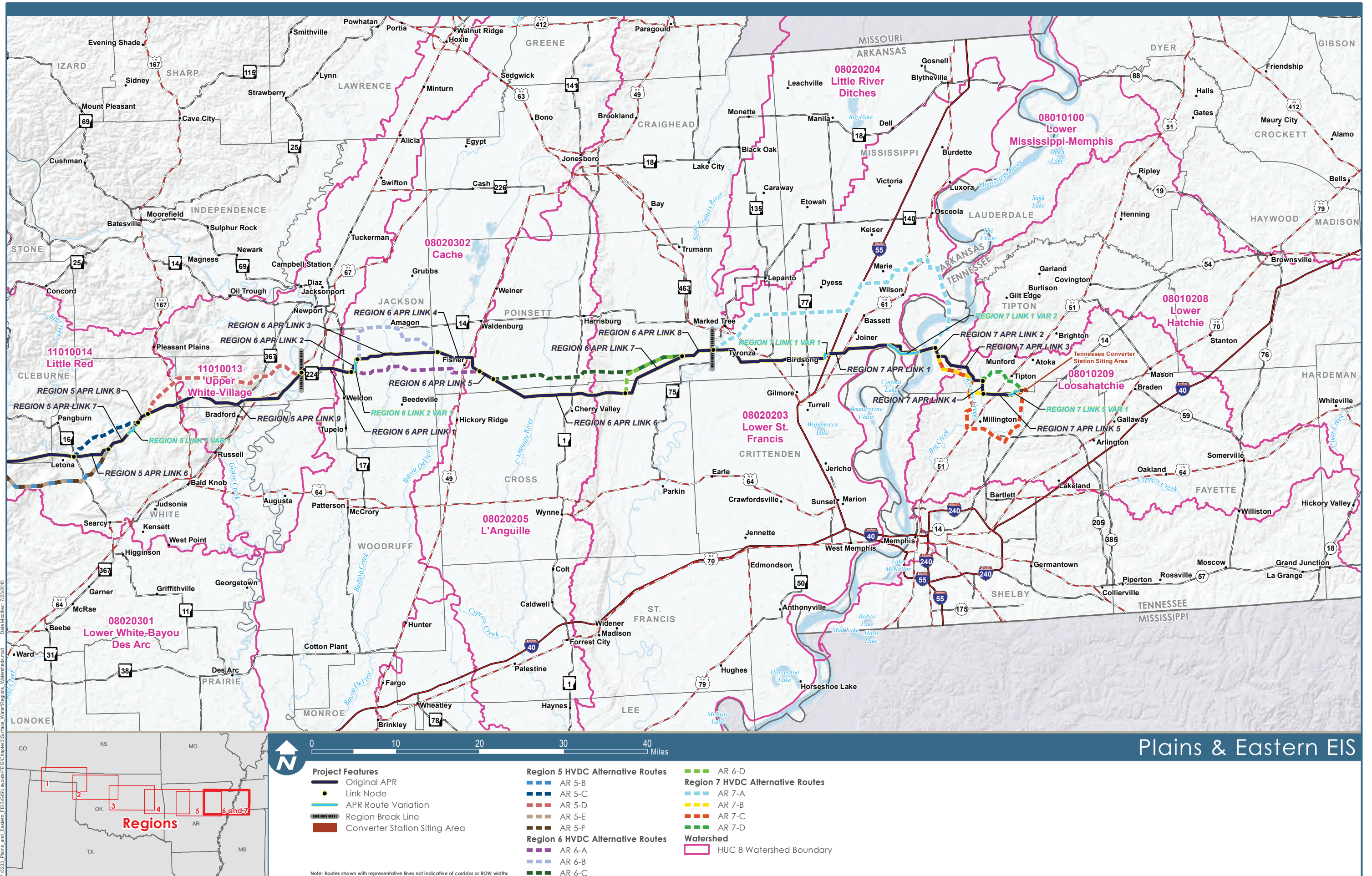


Figure 3.15-1d: Watersheds in Region 4



Data Sources: Watershed (USGS 2014)

Figure 3.15-1e: Watersheds in Region 5

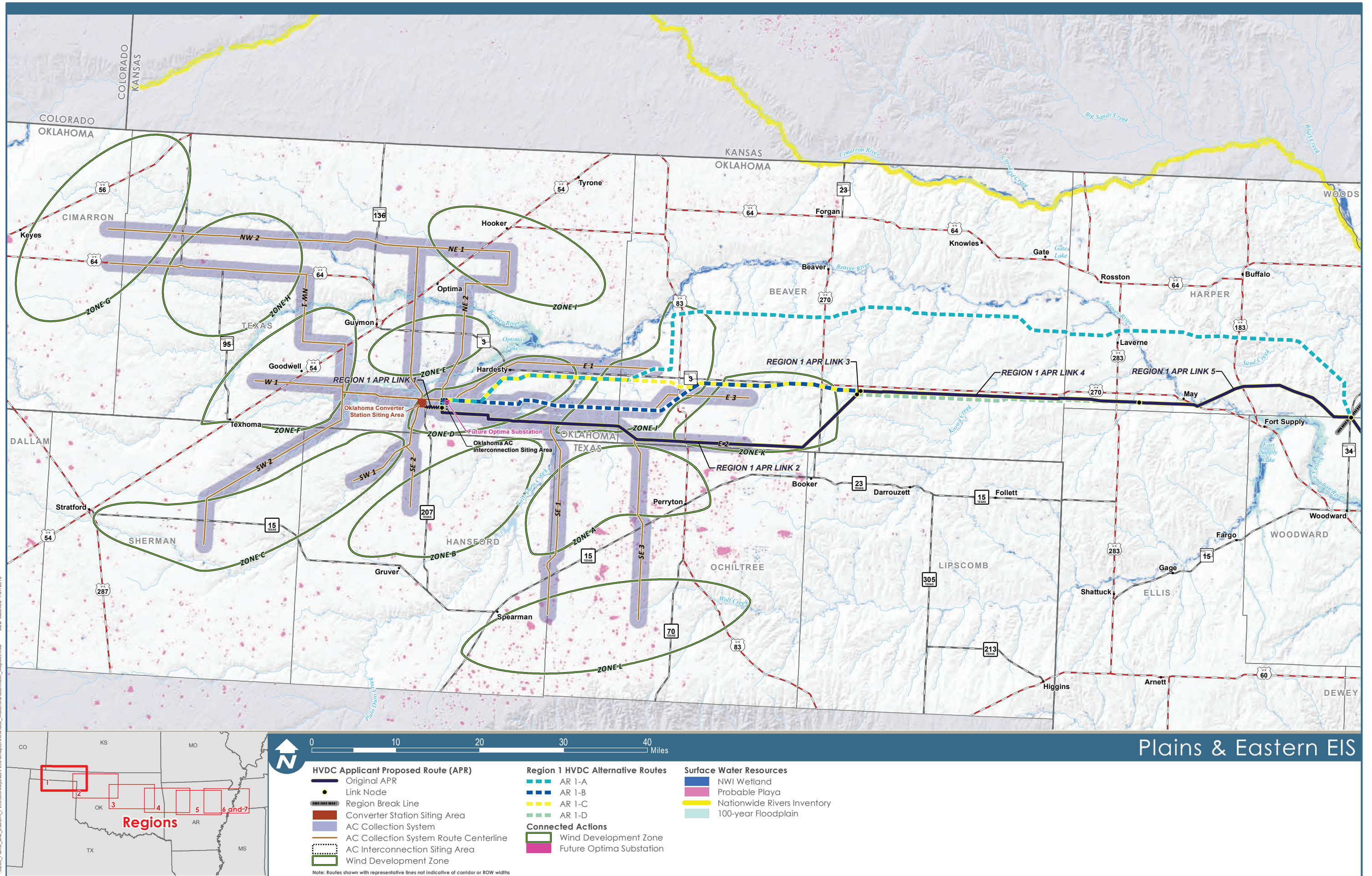


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 Date Modified: 7/25/2015

Plains & Eastern EIS

Figure 3.15-1f: Watersheds in Regions 6 & 7

Data Sources: Watershed (USGS 2014)



Plains & Eastern EIS

<p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node Region Break Line Converter Station Siting Area AC Collection System AC Collection System Route Centerline AC Interconnection Siting Area Wind Development Zone 	<p>Region 1 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 1-A AR 1-B AR 1-C AR 1-D <p>Connected Actions</p> <ul style="list-style-type: none"> Wind Development Zone Future Optima Substation 	<p>Surface Water Resources</p> <ul style="list-style-type: none"> NWI Wetland Probable Playa Nationwide Rivers Inventory 100-year Floodplain
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Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Surface Water Resources [NWI Wetland (USFWS 2014g); Probable Playa (PLJV 2011); Nationwide Rivers Inventory (USGS 1996); Wild and Scenic River (IWSRCC 1999); 100-year Floodplain (FEMA 2014)]

Figure 3.15-2a: Surface Water in Region 1

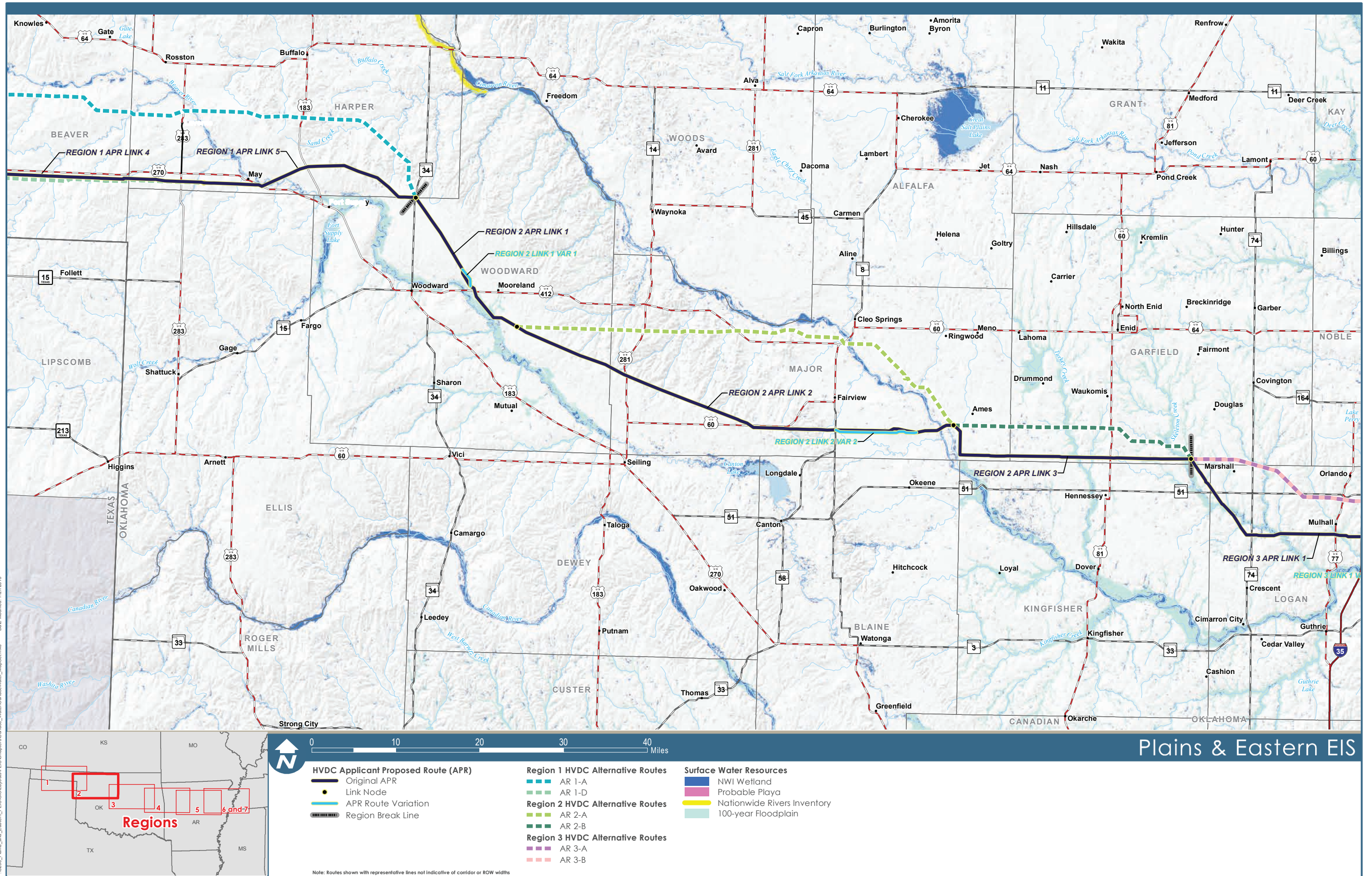
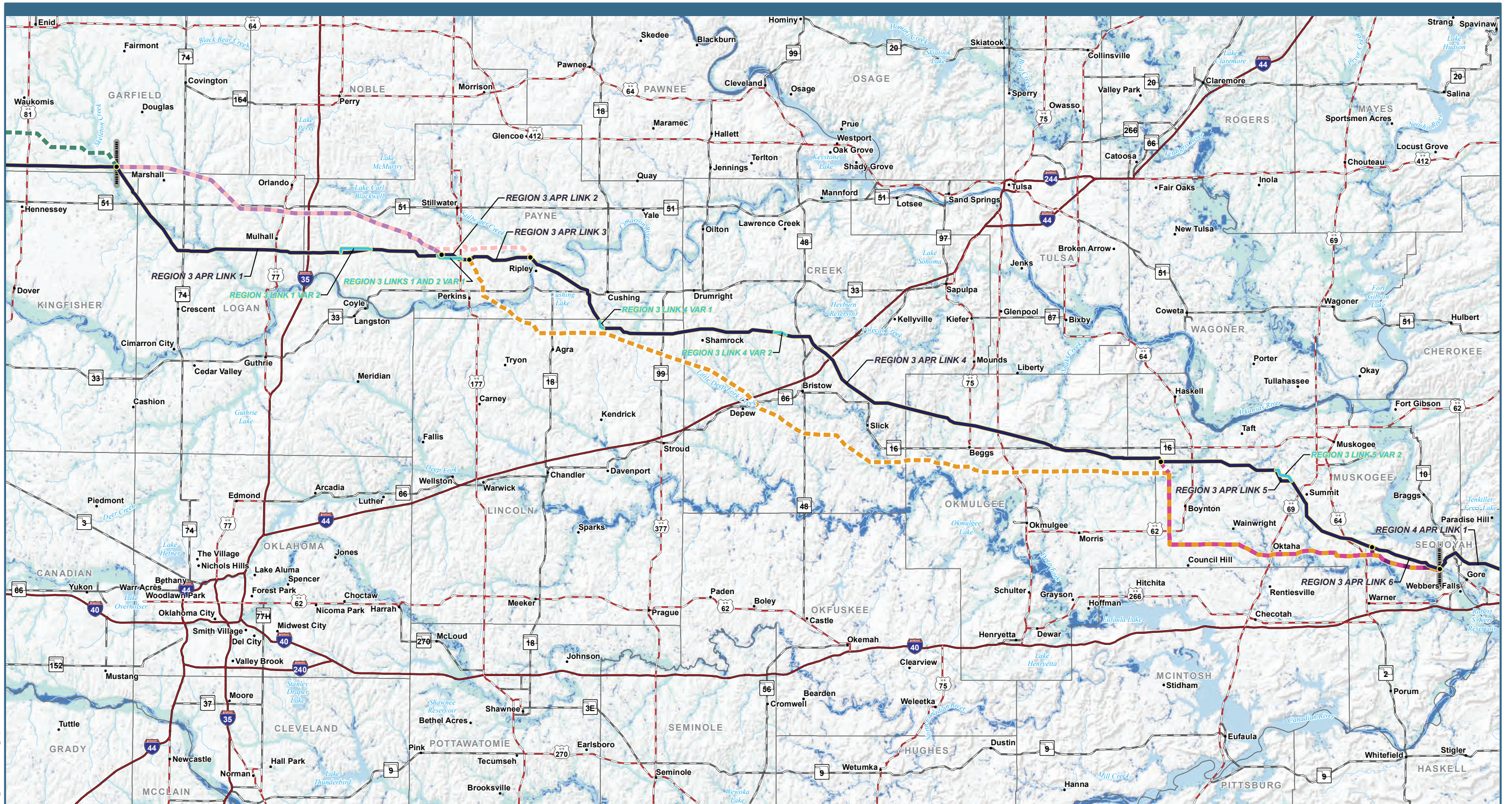
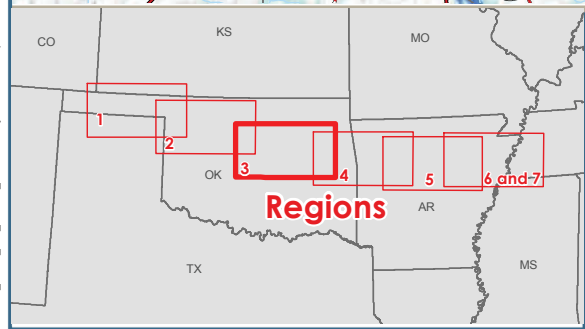


Figure 3.15-2b: Surface Water in Region 2



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 Date Modified: 7/27/2015



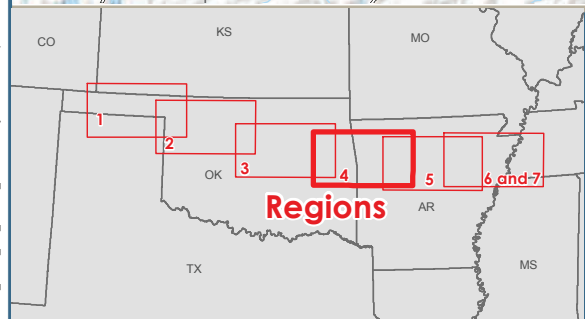
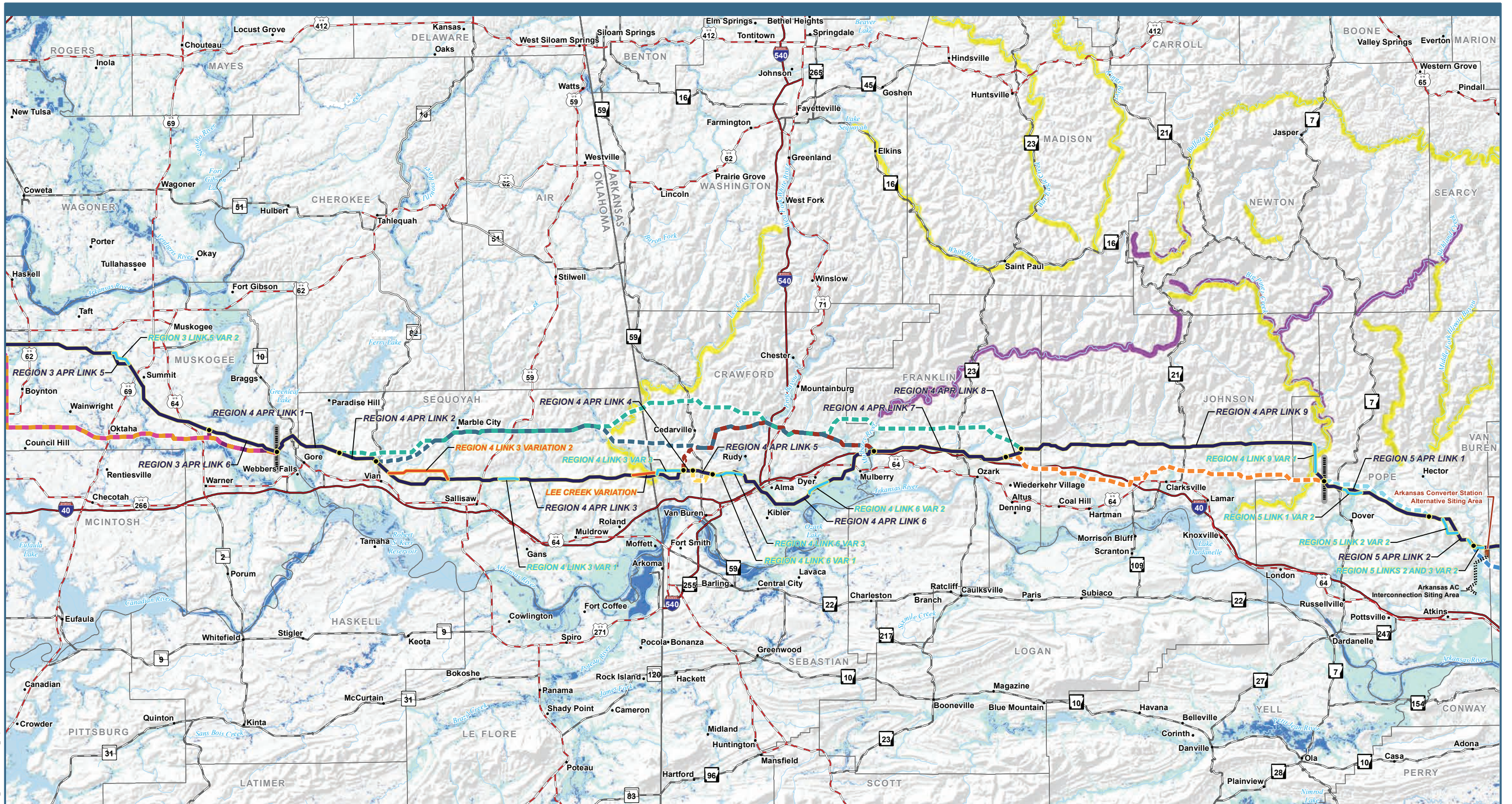
- | | | |
|---|---|--|
| <p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node APR Route Variation Region Break Line | <p>Region 2 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 2-B <p>Region 3 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 3-A AR 3-B AR 3-C AR 3-D AR 3-E | <p>Surface Water Resources</p> <ul style="list-style-type: none"> NWI Wetland 100-year Floodplain |
|---|---|--|

Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Surface Water Resources [NWI Wetland (USFWS 2014g); Probable Playa (PLJV 2011); Nationwide Rivers Inventory (USGS 1996); Wild and Scenic River (IWSRCC 1999); 100-year Floodplain (FEMA 2014)]

Plains & Eastern EIS

Figure 3.15-2c: Surface Water in Region 3



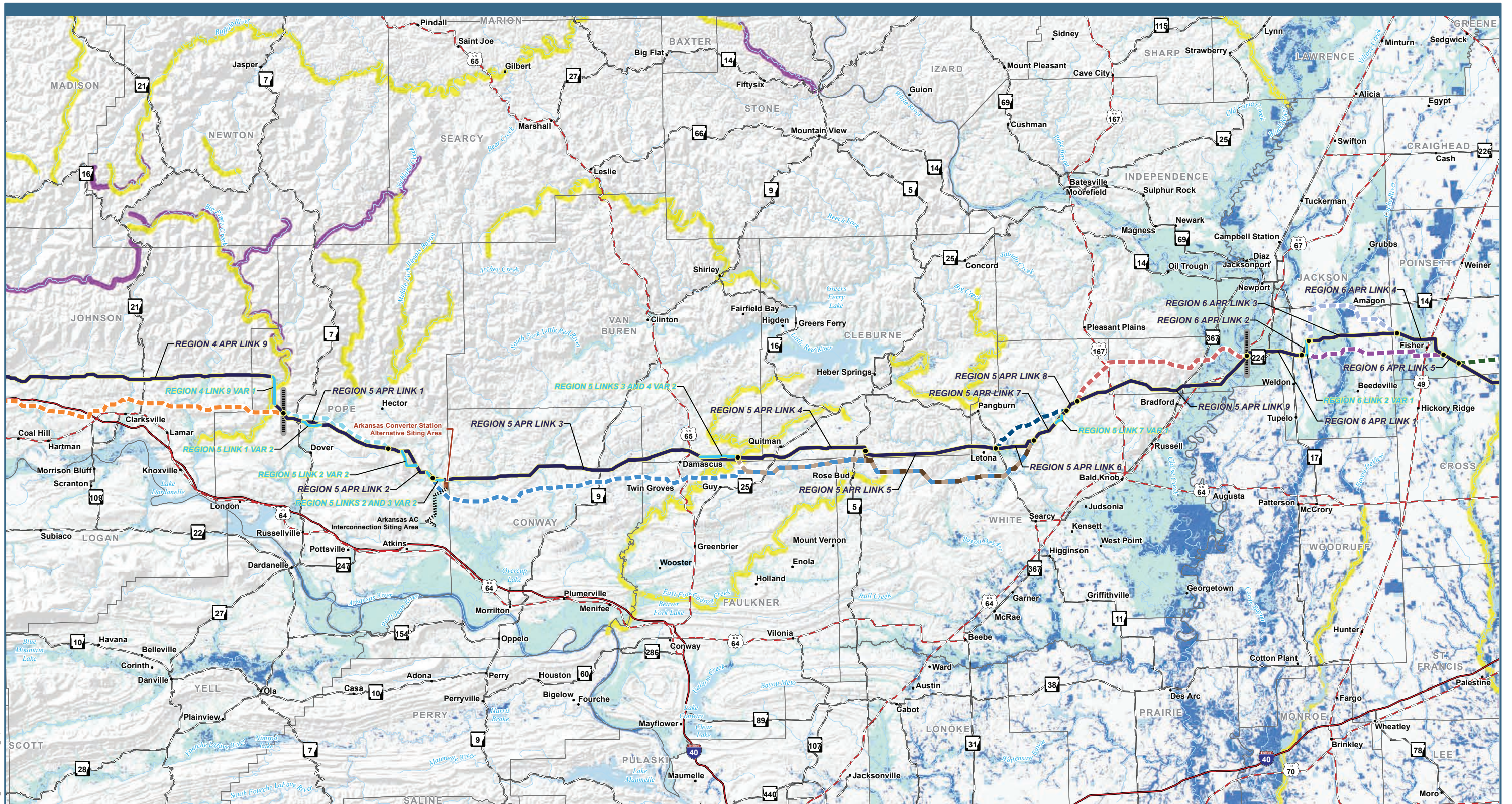
Plains & Eastern EIS

<p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node APR Route Variation Route Variation Region Break Line Converter Station Siting Area AC Interconnection Siting Area 	<p>Region 3 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 3-C AR 3-D AR 3-E <p>Region 4 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 4-A AR 4-B AR 4-C AR 4-D AR 4-E 	<p>Region 5 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 5-A AR 5-B <p>Surface Water Resources</p> <ul style="list-style-type: none"> NWI Wetland Nationwide Rivers Inventory 100-year Floodplain <p>Wild and Scenic Rivers</p> <ul style="list-style-type: none"> Wild and Scenic River
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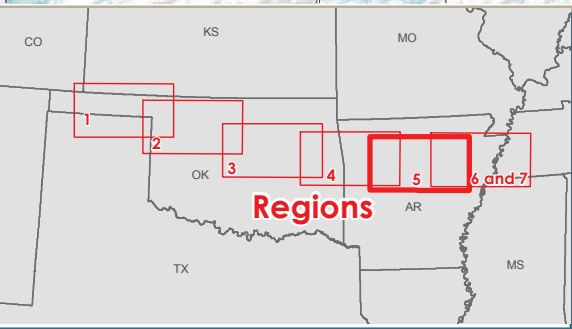
Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Surface Water Resources [NWI Wetland (USFWS 2014g); Probable Playa (PLJV 2011); Nationwide Rivers Inventory (USGS 1996); Wild and Scenic River (IWSRCC 1999); 100-year Floodplain (FEMA 2014)]

Figure 3.15-2d: Surface Water in Region 4



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 Date Modified: 7/27/2015



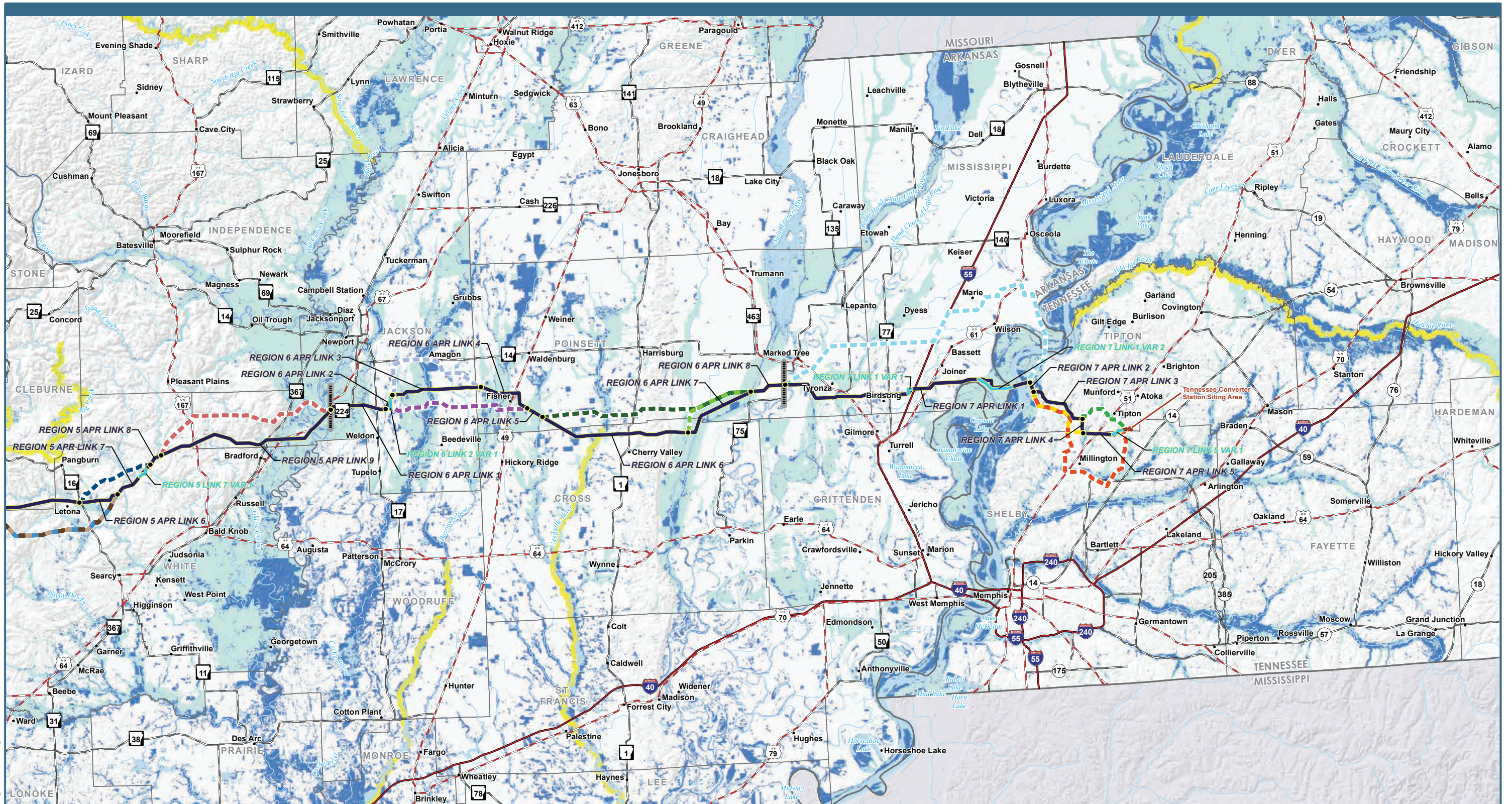
- | | | |
|--|--|---|
| <p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node APR Route Variation Region Break Line Converter Station Siting Area AC Interconnection Siting Area | <p>Region 4 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 4-E <p>Region 5 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 5-A AR 5-B AR 5-C AR 5-D AR 5-E AR 5-F | <p>Region 6 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 6-A AR 6-B AR 6-C <p>Surface Water Resources</p> <ul style="list-style-type: none"> NWI Wetland Nationwide Rivers Inventory 100-year Floodplain <p>Wild and Scenic Rivers</p> <ul style="list-style-type: none"> Wild and Scenic River |
|--|--|---|

Note: Routes shown with representative lines not indicative of corridor or ROW widths

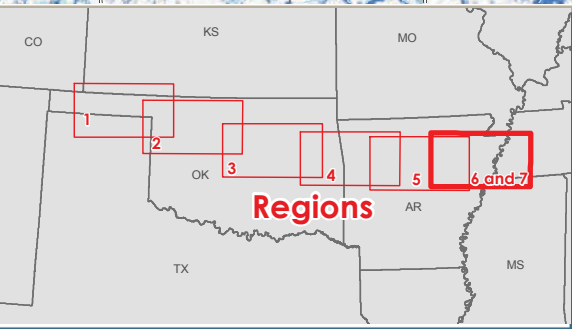
Data Sources: Surface Water Resources [NWI Wetland (USFWS 2014g); Probable Playa (PLJV 2011); Nationwide Rivers Inventory (USGS 1996); Wild and Scenic River (IWSRCC 1999); 100-year Floodplain (FEMA 2014)]

Plains & Eastern EIS

Figure 3.15-2e: Surface Water in Region 5



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 Date Modified: 7/27/2015



Plains & Eastern EIS

0 10 20 30 40 Miles

HVDC Applicant Proposed Route (APR)

- Original APR
- Link Node
- APR Route Variation
- Region Break Line
- Converter Station Siting Area

Region 5 HVDC Alternative Routes

- AR 5-B
- AR 5-C
- AR 5-D
- AR 5-E
- AR 5-F

Region 6 HVDC Alternative Routes

- AR 6-A
- AR 6-B
- AR 6-C

Region 7 HVDC Alternative Routes

- AR 7-A
- AR 7-B
- AR 7-C
- AR 7-D

Surface Water Resources

- NWI Wetland
- Nationwide Rivers Inventory
- 100-year Floodplain

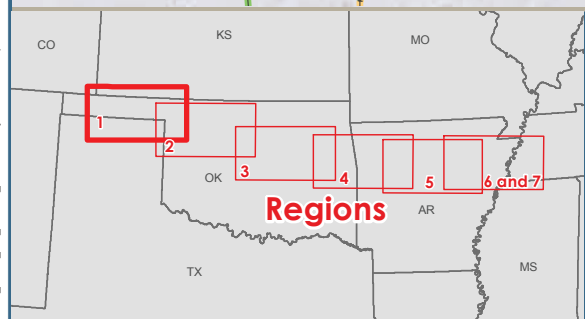
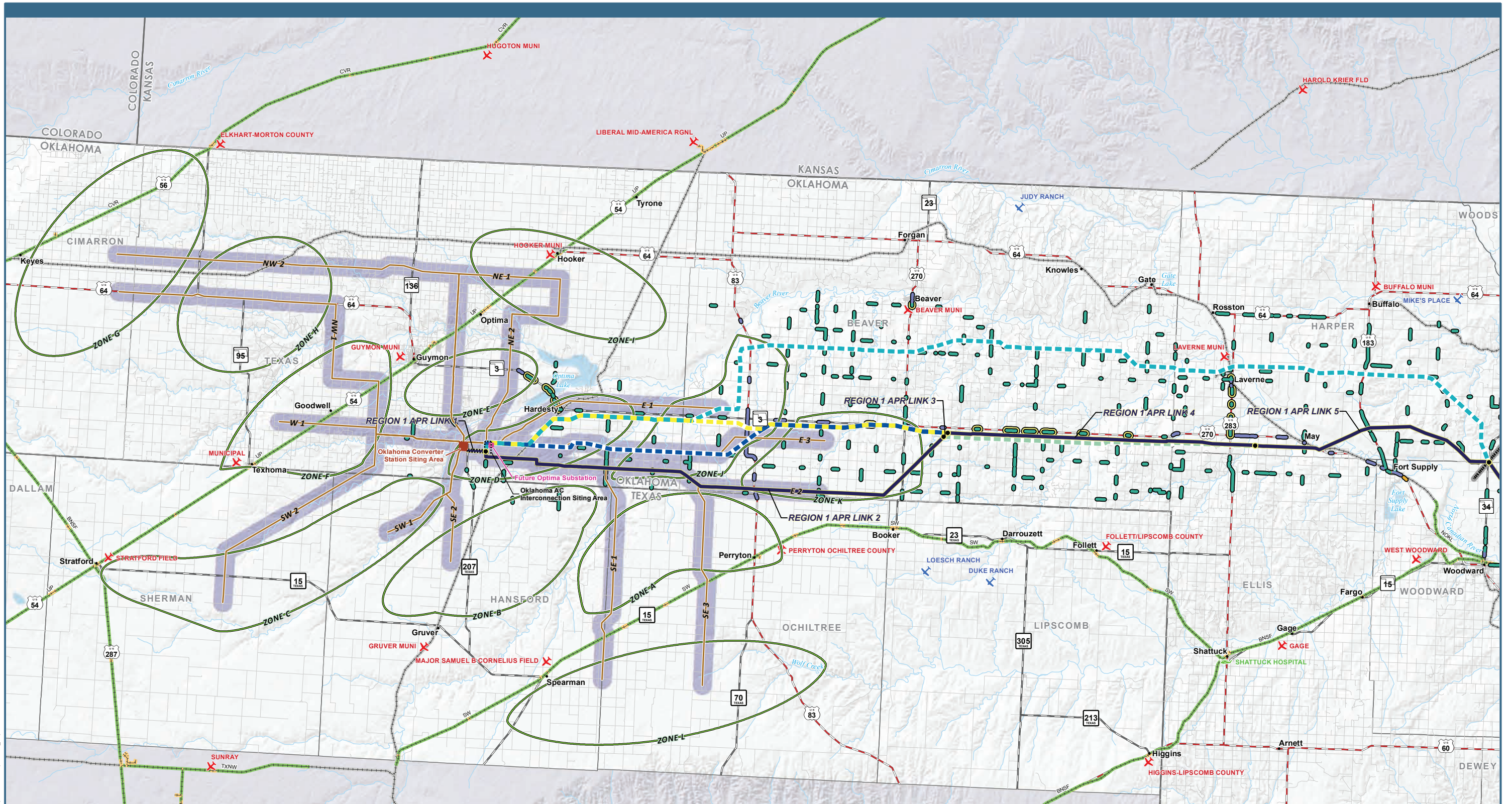
AR 6-D

AR 7-E

Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Surface Water Resources [NWI Wetland (USFWS 2014g); Probable Playa (PLJV 2011); Nationwide Rivers Inventory (USGS 1996); Wild and Scenic River (IWSRCC 1999); 100-year Floodplain (FEMA 2014)]

Figure 3.15-2f: Surface Water in Regions 6 & 7



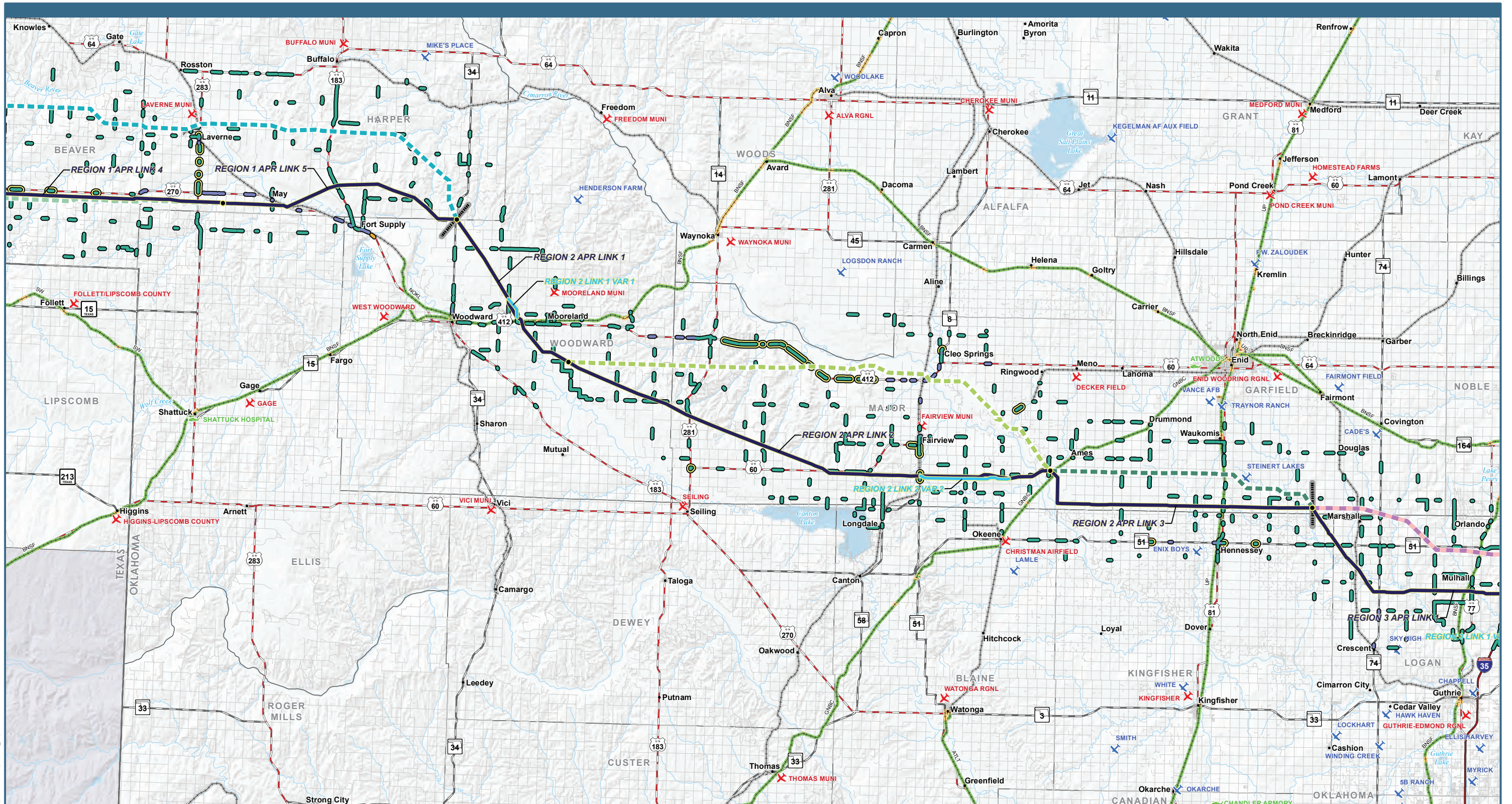
Plains & Eastern EIS

<p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node Region Break Line Converter Station Siting Area AC Collection System AC Collection System Route Centerline AC Interconnection Siting Area 	<p>Region 1 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 1-A AR 1-B AR 1-C AR 1-D <p>Connected Actions</p> <ul style="list-style-type: none"> Wind Development Zone Future Optima Substation 	<p>Existing Level of Service Class</p> <ul style="list-style-type: none"> A B C <p>Level of Service Decrease</p> <ul style="list-style-type: none"> Decrease <p>Airports</p> <ul style="list-style-type: none"> Public Airport 	<ul style="list-style-type: none"> Private Airport Heliport <p>Railroad</p> <ul style="list-style-type: none"> Abandoned Track Main Network Track Non-main Active Track <p>Road Type</p> <ul style="list-style-type: none"> U.S. Highway State Highway 	<p>County or Local Road</p>
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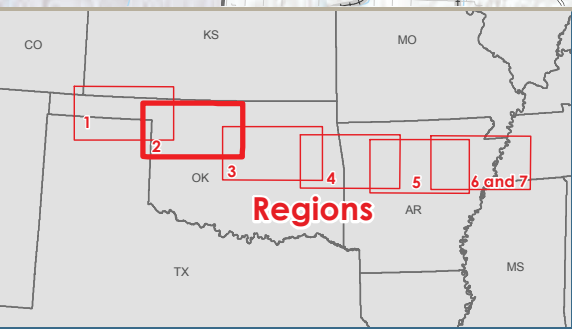
Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Road Type [Highways (BTS 2013); County or Local Roads (TXDOT 2014, CSA 2007, AHTD 2006a, USCB 2000)]; Existing Level of Service Class / Level of Service Decrease (Clean Line 2013d); Airports (BTS 2013); Railroad (BTS 2013); Scenic Byways and Highways (FHWA 2013, Clean Line 2013c)

Figure 3.16-1a: Transportation Resources in Region 1



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HVDC Applicant Proposed Route (APR)

- Original APR
- Link Node
- APR Route Variation
- - - Region Break Line

Region 1 HVDC Alternative Routes

- AR 1-A
- AR 1-D

Region 2 HVDC Alternative Routes

- AR 2-A
- AR 2-B
- AR 2-3

Region 3 HVDC Alternative Routes

- AR 3-A
- AR 3-B

Existing Level of Service Class

- A
- B
- C

Level of Service Decrease

- Decrease

Airports

- ✕ Public Airport

- ✕ Private Airport
- ✕ Heliport

Railroad

- - - Abandoned Track
- Main Network Track
- Non-main Active Track

Road Type

- Interstate Highway
- U.S. Highway

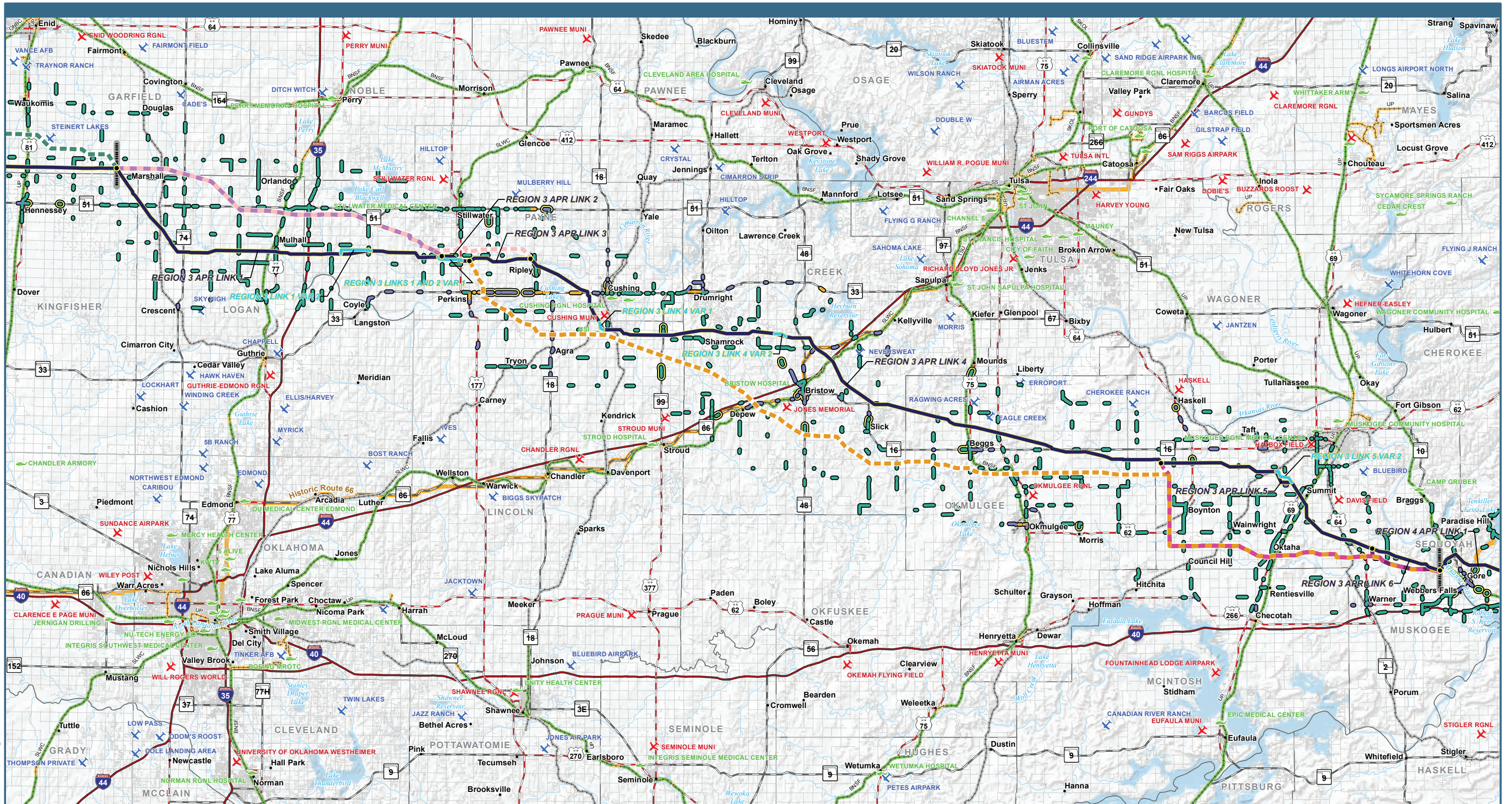
- State Highway
- County or Local Road

Note: Routes shown with representative lines not indicative of corridor or ROW widths

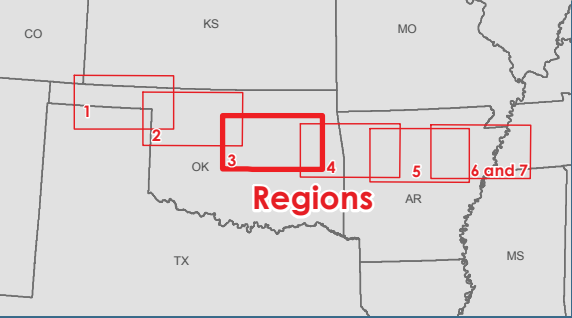
Plains & Eastern EIS

Data Sources: Road Type [Highways (BTS 2013); County or Local Roads (TXDOT 2014, CSA 2007, AHTD 2006a, USCB 2000)]; Existing Level of Service Class / Level of Service Decrease (Clean Line 2013d); Airports (BTS 2013); Railroad (BTS 2013); Scenic Byways and Highways (FHWA 2013, Clean Line 2013c)

Figure 3.16-1b: Transportation Resources in Region 2



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0 10 20 30 40 Miles

HVDC Applicant Proposed Route (APR)

- Original APR
- Link Node
- APR Route Variation
- Region Break Line

Region 2 HVDC Alternative Routes

- AR 2-B

Region 3 HVDC Alternative Routes

- AR 3-A
- AR 3-B
- AR 3-C
- AR 3-D
- AR 3-E

Existing Level of Service Class

- A
- B
- C

Level of Service Decrease

- Decrease

Airports

- Public Airport

- Private Airport
- Heliport

Railroad

- Abandoned Track
- Main Network Track
- Non-main Active Track

Road Type

- Interstate Highway
- U.S. Highway

- State Highway
- County or Local Road

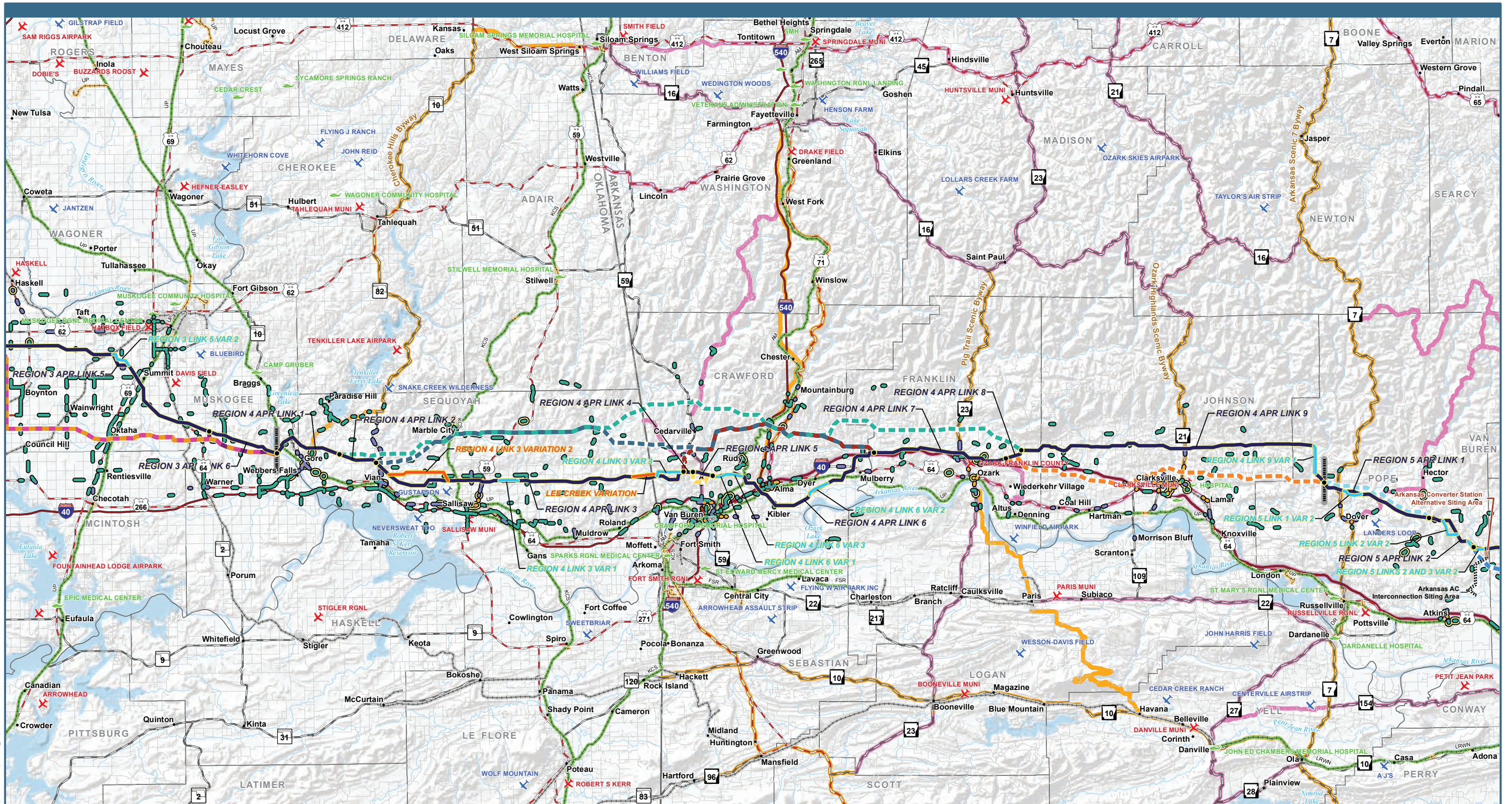
Scenic Byways and Highways

- Federal or State Scenic Byway

Plains & Eastern EIS

Data Sources: Road Type [Highways (BTS 2013); County or Local Roads (TXDOT 2014, CSA 2007, AHTD 2006a, USCB 2000)]; Existing Level of Service Class / Level of Service Decrease (Clean Line 2013d); Airports (BTS 2013); Railroad (BTS 2013); Scenic Byways and Highways (FHWA 2013, Clean Line 2013c)

Figure 3.16-1c: Transportation Resources in Region 3



Regions

0 10 20 30 40 Miles

HVDC Applicant Proposed Route (APR)

- Original APR
- Link Node
- APR Route Variation
- Route Variation
- Region Break Line
- Converter Station Siting Area
- AC Interconnection Siting Area

Note: Routes shown with representative lines not indicative of corridor or ROW widths

Region 3 HVDC Alternative Routes

- AR 3-C
- AR 3-D
- AR 3-E

Region 4 HVDC Alternative Routes

- AR 4-A
- AR 4-B
- AR 4-C
- AR 4-D
- AR 4-E

Region 5 HVDC Alternative Routes

- AR 5-A
- AR 5-B

Existing Level of Service Class

- A
- B
- C
- D

Level of Service Decrease

- Decrease

Airports

- Public Airport
- Private Airport
- Helipoint

Railroad

- Abandoned Track
- Main Network Track
- Non-main Active Track

Road Type

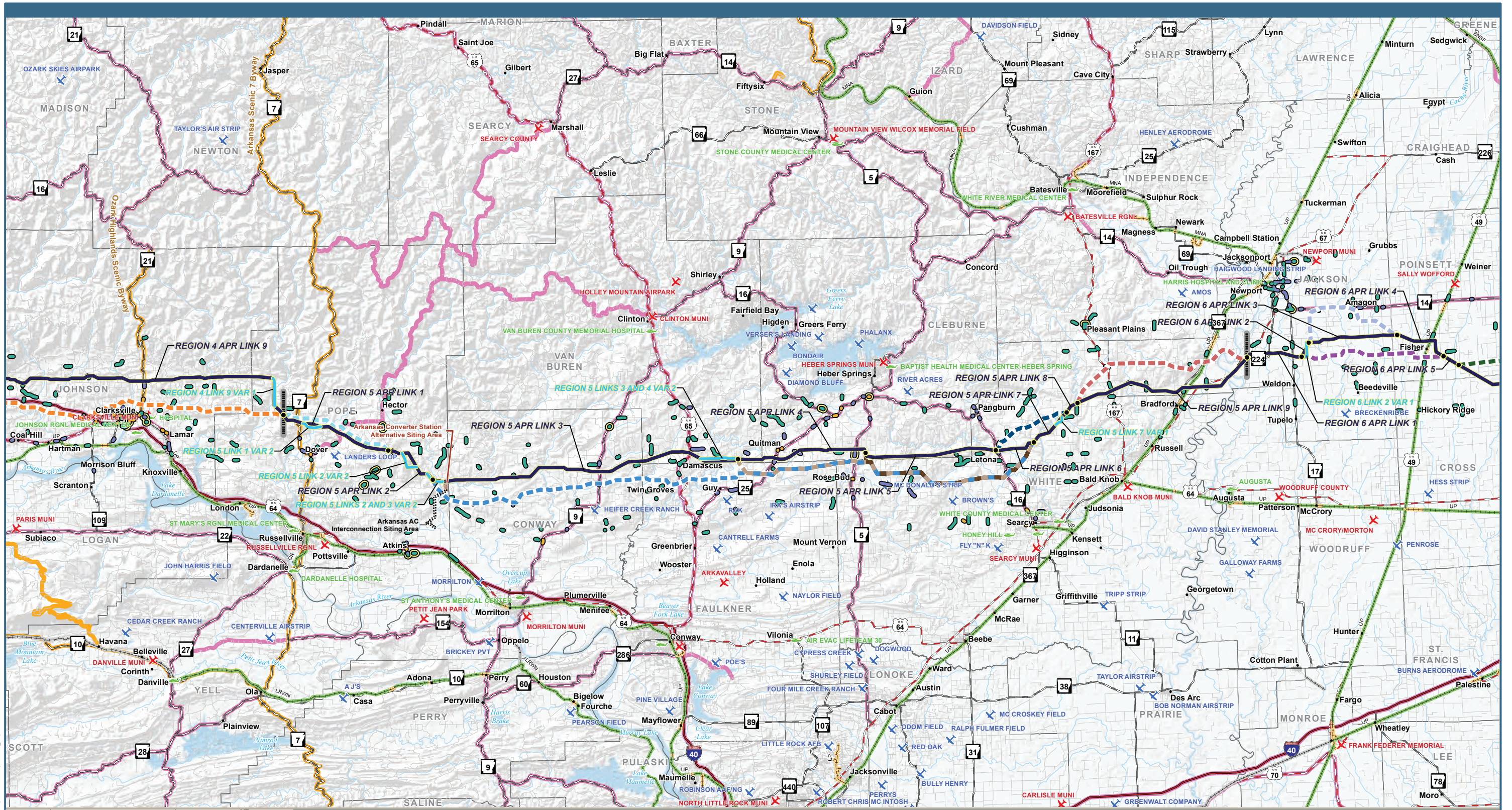
- Interstate Highway
- U.S. Highway
- State Highway
- County or Local Road

Scenic Byways and Highways

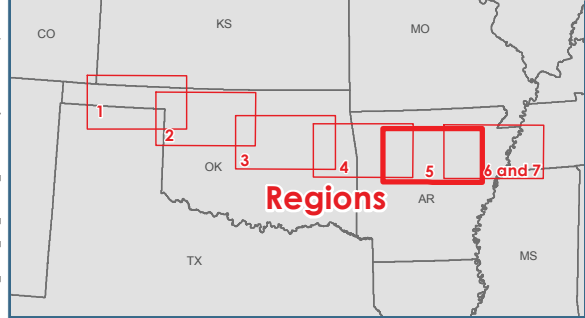
- Federal or State Scenic Byway
- State Scenic Highway

Data Sources: Road Type [Highways (BTS 2013); County or Local Roads (TXDOT 2014, CSA 2007, AHTD 2006a, USCB 2000)]; Existing Level of Service Class / Level of Service Decrease (Clean Line 2013d); Airports (BTS 2013); Railroad (BTS 2013); Scenic Byways and Highways (FHWA 2013, Clean Line 2013c)

Figure 3.16-1d: Transportation Resources in Region 4



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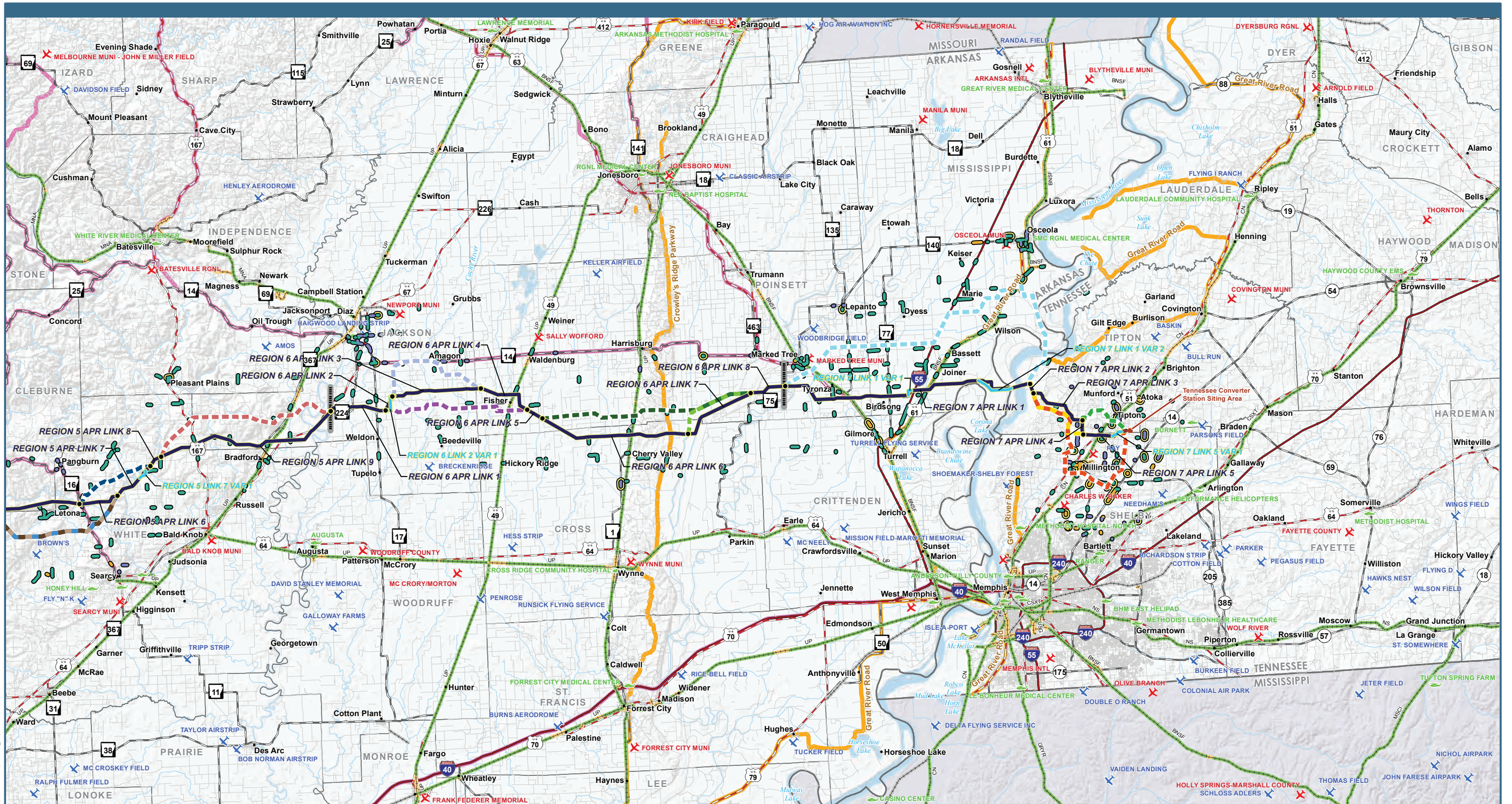


<p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> — Original APR ● Link Node — APR Route Variation Region Break Line Converter Station Siting Area AC Interconnection Siting Area 	<p>Region 4 HVDC Alternative Routes</p> <ul style="list-style-type: none"> — AR 4-E <p>Region 5 HVDC Alternative Routes</p> <ul style="list-style-type: none"> — AR 5-A — AR 5-B — AR 5-C — AR 5-D — AR 5-E — AR 5-F 	<p>Region 6 HVDC Alternative Routes</p> <ul style="list-style-type: none"> — AR 6-A — AR 6-B — AR 6-C <p>Existing Level of Service Class</p> <ul style="list-style-type: none"> — A — B — C — D 	<p>Level of Service Decrease</p> <ul style="list-style-type: none"> Decrease <p>Airports</p> <ul style="list-style-type: none"> ✕ Public Airport ✕ Private Airport ✕ Heliport <p>Railroad</p> <ul style="list-style-type: none"> Abandoned Track 	<ul style="list-style-type: none"> — Main Network Track — Non-main Active Track <p>Road Type</p> <ul style="list-style-type: none"> — Interstate Highway — U.S. Highway — State Highway — County or Local Road <p>Scenic Byways and Highways</p> <ul style="list-style-type: none"> — Federal or State Scenic Byway — State Scenic Highway
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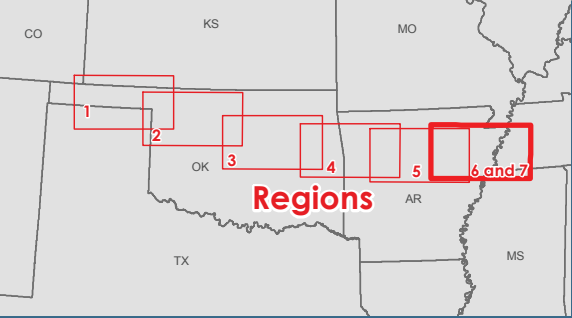
Plains & Eastern EIS

Data Sources: Road Type [Highways (BTS 2013); County or Local Roads (TXDOT 2014, CSA 2007, AHTD 2006a, USCB 2000)]; Existing Level of Service Class / Level of Service Decrease (Clean Line 2013d); Airports (BTS 2013); Railroad (BTS 2013); Scenic Byways and Highways (FHWA 2013, Clean Line 2013c)

Figure 3.16-1e: Transportation Resources in Region 5



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0 10 20 30 40 Miles

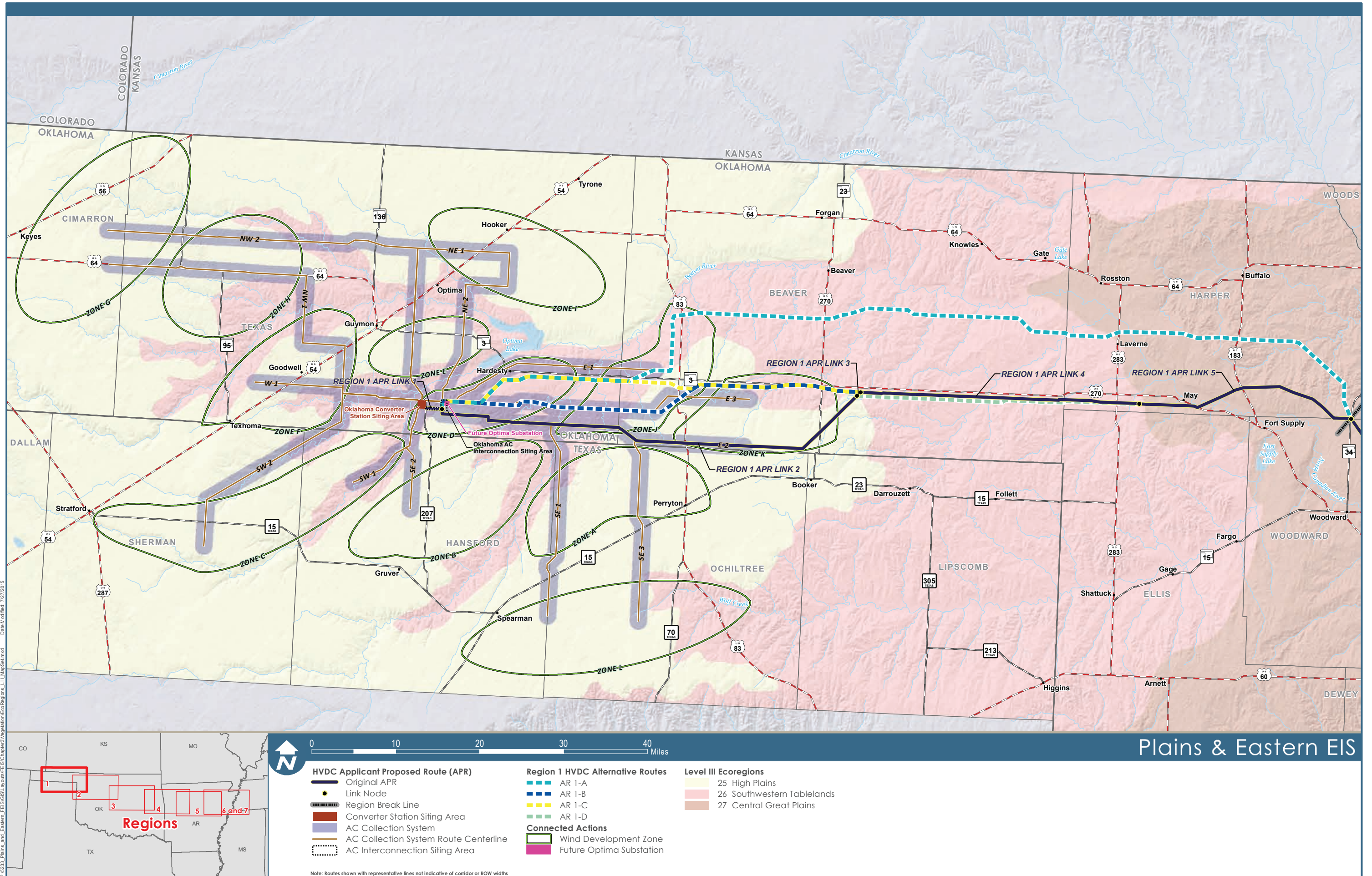
Plains & Eastern EIS

<p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node APR Route Variation Region Break Line Converter Station Siting Area 	<p>Region 5 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 5-B AR 5-C AR 5-D AR 5-E AR 5-F <p>Region 6 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 6-A AR 6-B AR 6-C 	<p>Region 7 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 7-A AR 7-B AR 7-C AR 7-D <p>AR 6-D</p> <ul style="list-style-type: none"> AR 6-D 	<p>Existing Level of Service Class</p> <ul style="list-style-type: none"> A B C D <p>Level of Service Decrease</p> <ul style="list-style-type: none"> Decrease <p>Airports</p> <ul style="list-style-type: none"> Public Airport 	<ul style="list-style-type: none"> Private Airport Helipoint <p>Railroad</p> <ul style="list-style-type: none"> Abandoned Track Main Network Track Non-main Active Track <p>Road Type</p> <ul style="list-style-type: none"> Interstate Highway U.S. Highway 	<ul style="list-style-type: none"> State Highway County or Local Road <p>Scenic Byways and Highways</p> <ul style="list-style-type: none"> Federal or State Scenic Byway State Scenic Highway
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Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Road Type [Highways (BTS 2013); County or Local Roads (TXDOT 2014, CSA 2007, AHTD 2006a, USCB 2000)]; Existing Level of Service Class / Level of Service Decrease (Clean Line 2013d); Airports (BTS 2013); Railroad (BTS 2013); Scenic Byways and Highways (FHWA 2013, Clean Line 2013c)

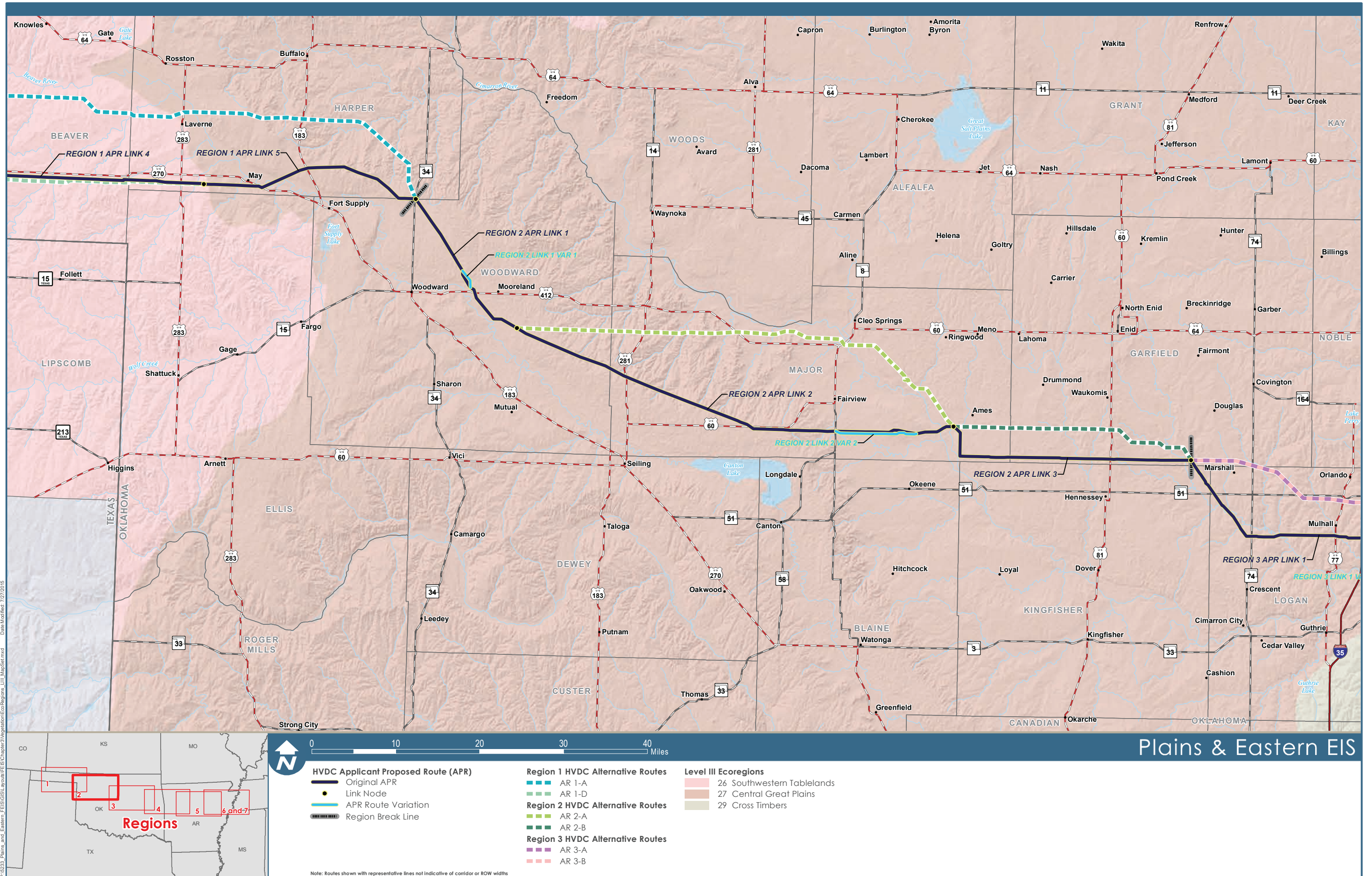
Figure 3.16-1f: Transportation Resources in Regions 6 & 7



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Plains & Eastern EIS

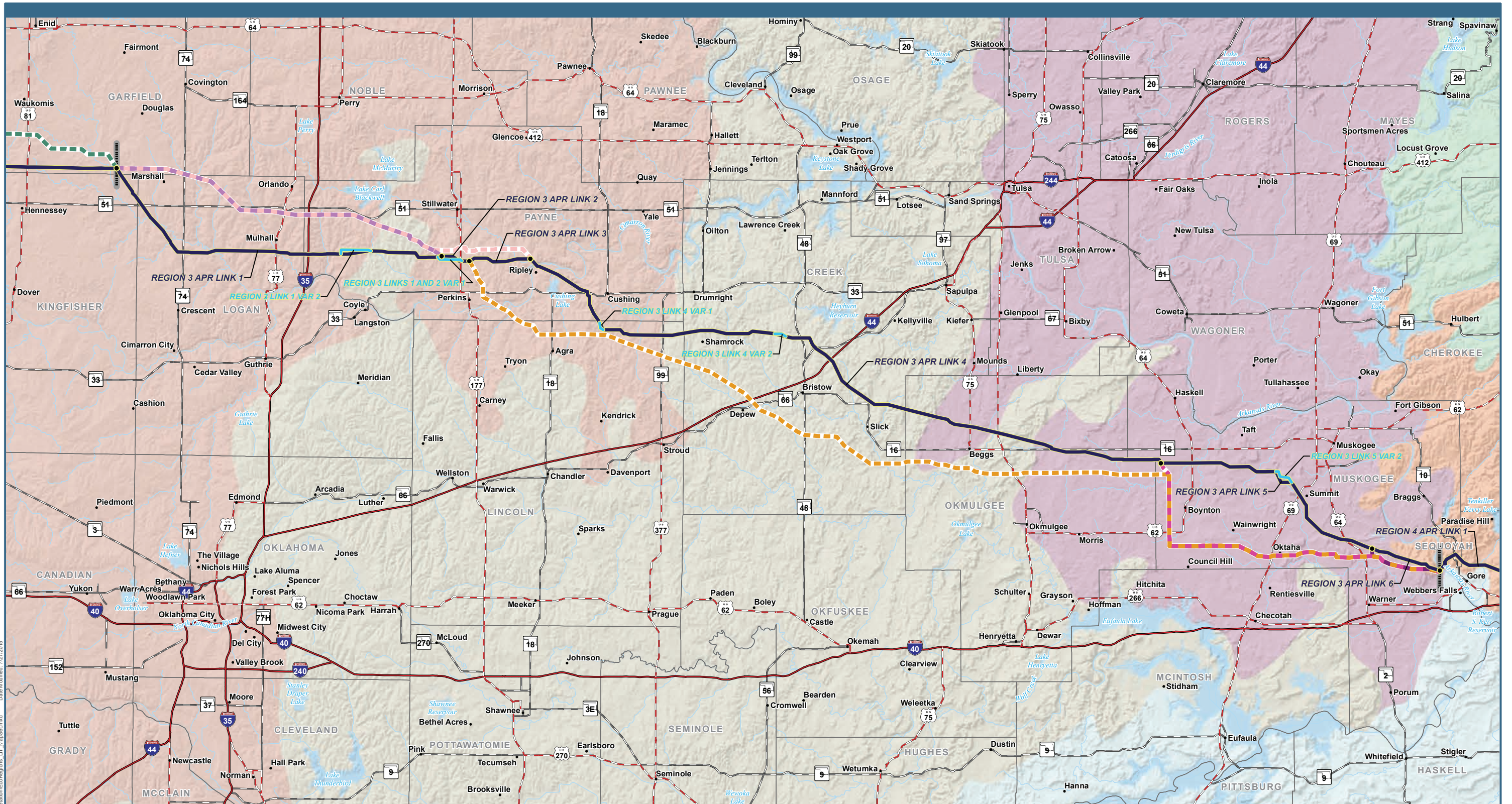
Figure 3.17-1a: Level III Ecoregions in Region 1



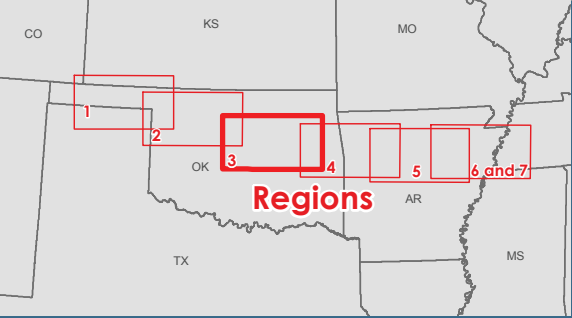
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Data Sources: Level III Ecoregions (EPA 2010)

Figure 3.17-1b: Level III Ecoregions in Region 2



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 Date Modified: 7/27/2015



- HVDC Applicant Proposed Route (APR)**
- Original APR
 - Link Node
 - APR Route Variation
 - Region Break Line

- Region 2 HVDC Alternative Routes**
- AR 2-B
- Region 3 HVDC Alternative Routes**
- AR 3-A
 - AR 3-B
 - AR 3-C
 - AR 3-D
 - AR 3-E

- Level III Ecoregions**
- 27 Central Great Plains
 - 29 Cross Timbers
 - 37 Arkansas Valley
 - 38 Boston Mountains
 - 39 Ozark Highlands
 - 40 Central Irregular Plains

Note: Routes shown with representative lines not indicative of corridor or ROW widths

Plains & Eastern EIS

Data Sources: Level III Ecoregions (EPA 2010)

Figure 3.17-1c: Level III Ecoregions in Region 3

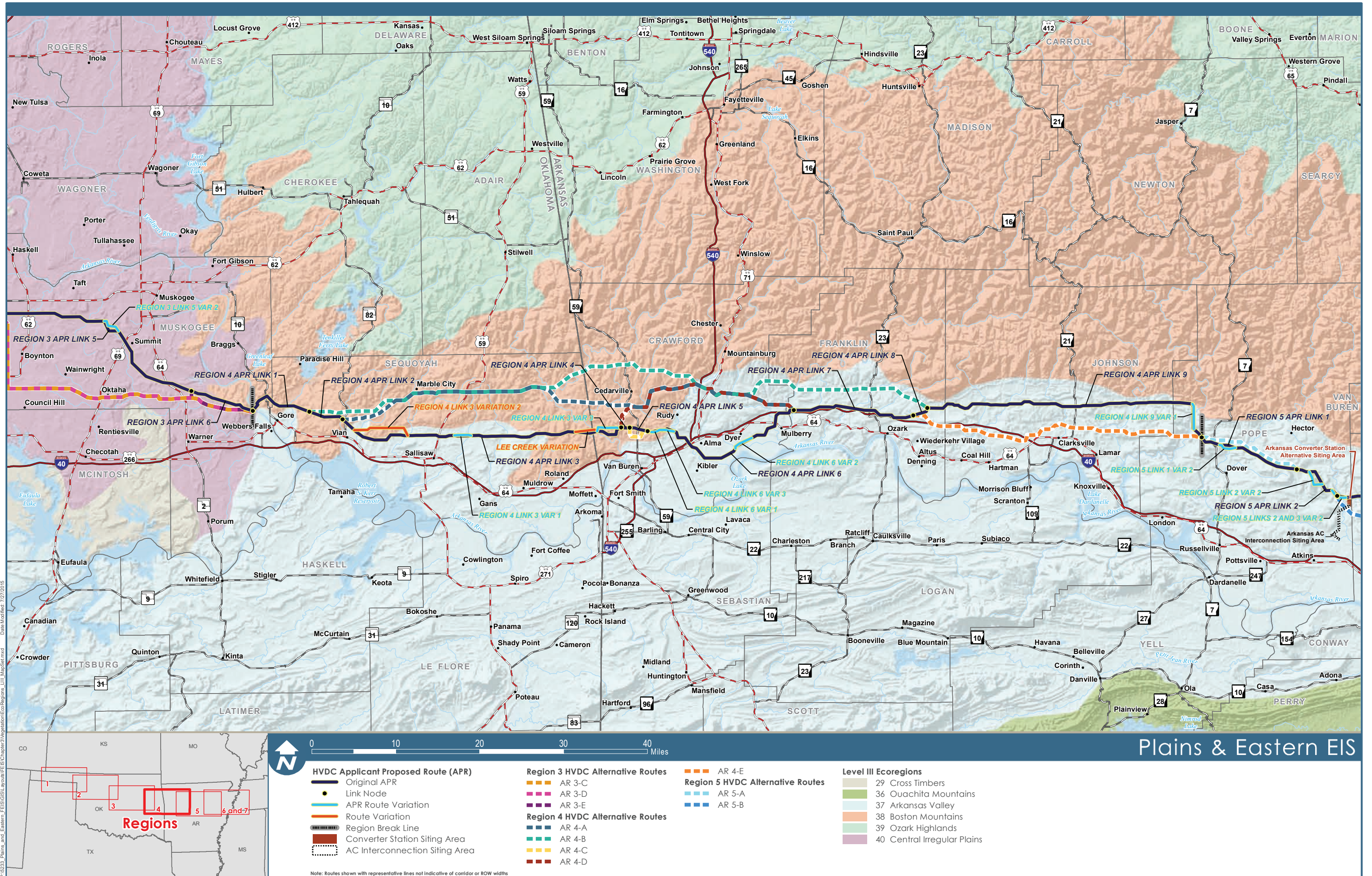
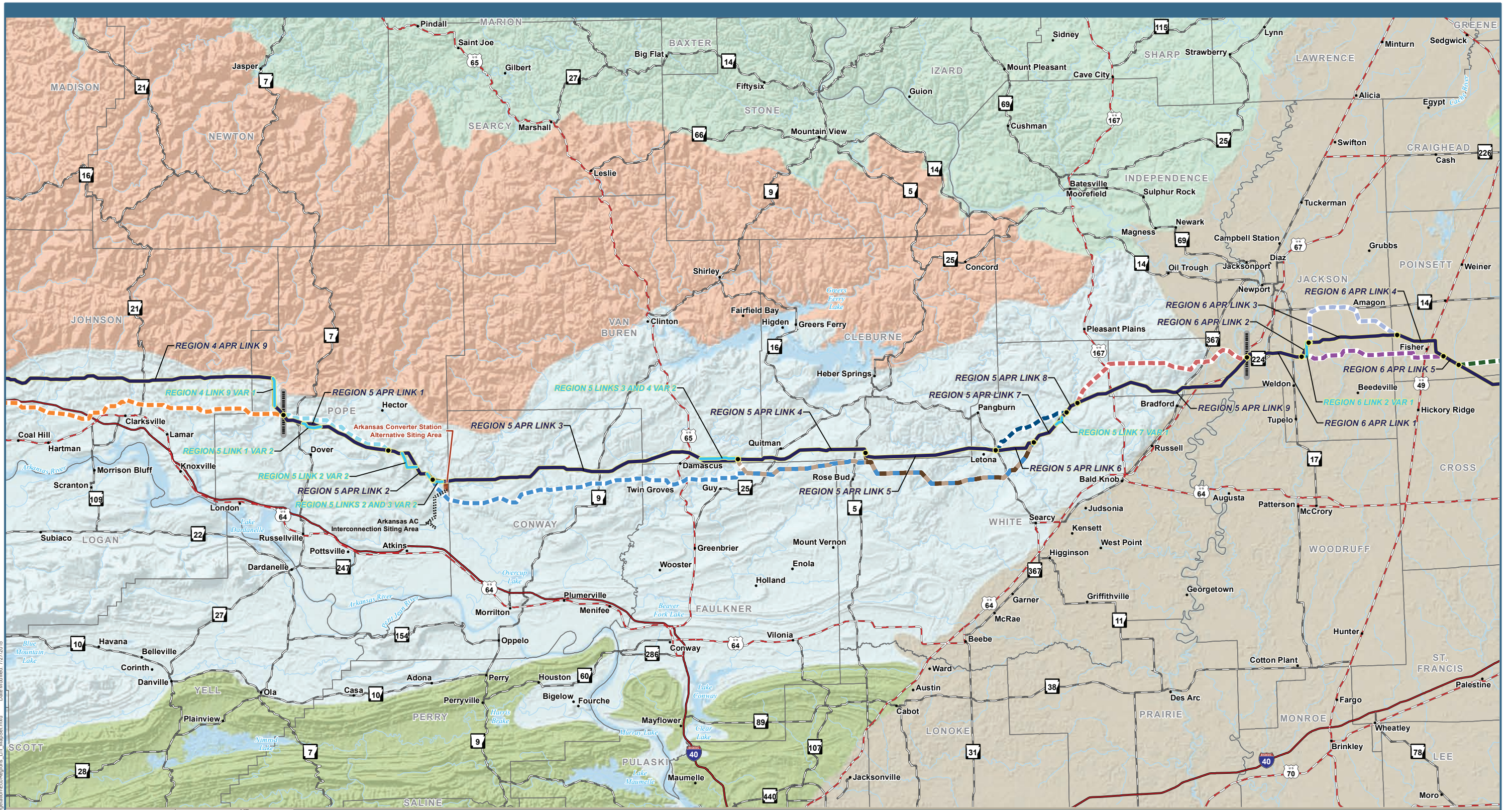
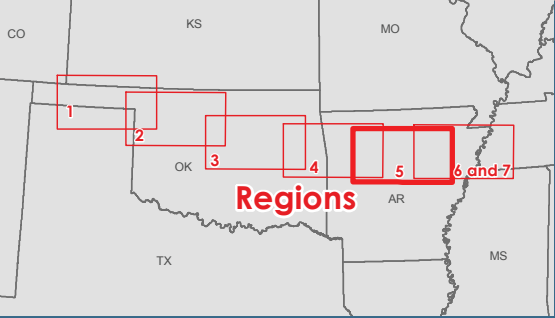


Figure 3.17-1d: Level III Ecoregions in Region 4



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0 10 20 30 40 Miles

Legend

- HVDC Applicant Proposed Route (APR)
- Link Node
- APR Route Variation
- Region Break Line
- Converter Station Siting Area
- AC Interconnection Siting Area

Region 4 HVDC Alternative Routes

- AR 4-E

Region 5 HVDC Alternative Routes

- AR 5-A
- AR 5-B
- AR 5-C
- AR 5-D
- AR 5-E
- AR 5-F

Region 6 HVDC Alternative Routes

- AR 6-A
- AR 6-B
- AR 6-C

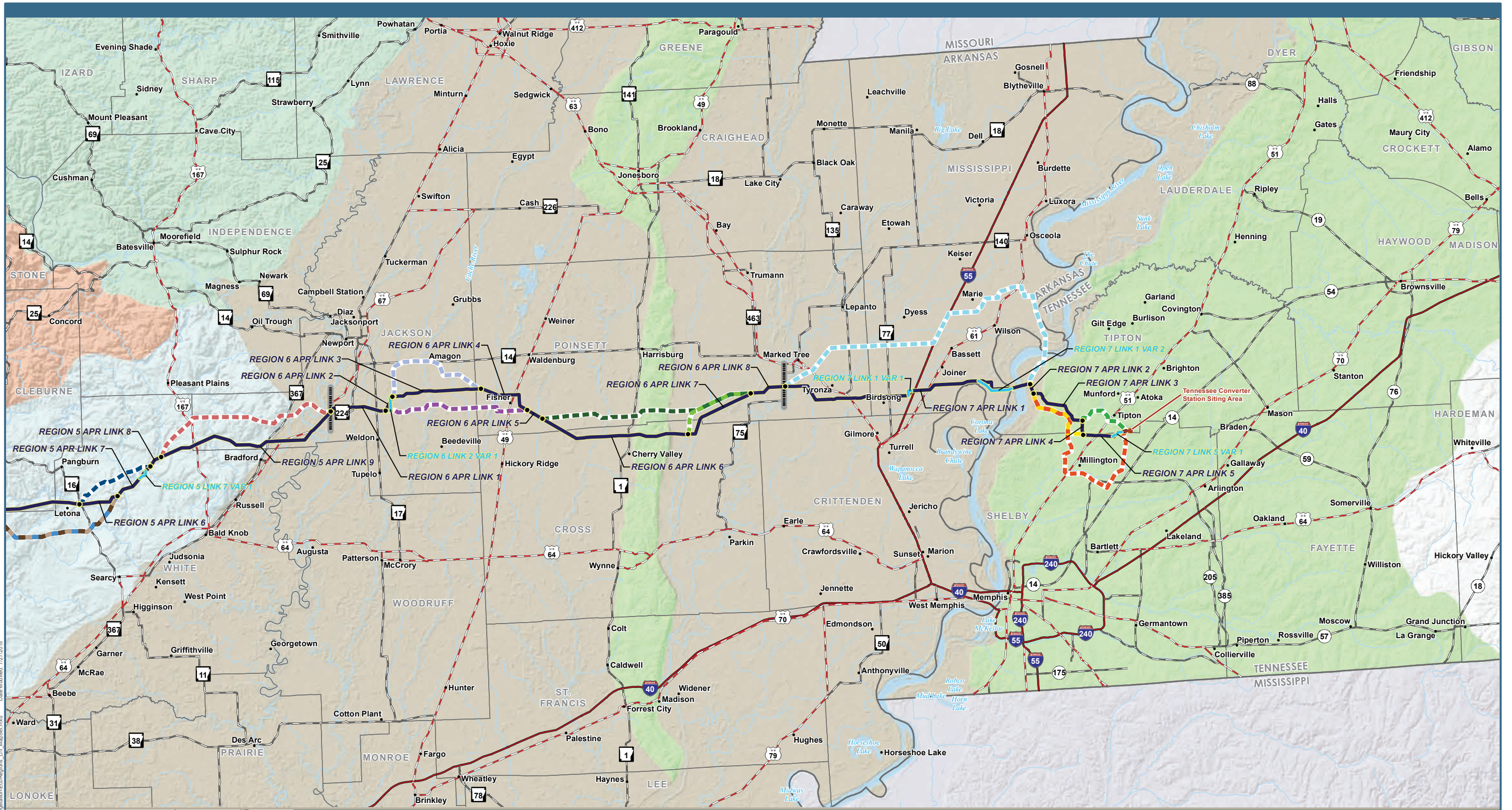
Level III Ecoregions

- 36 Ouachita Mountains
- 37 Arkansas Valley
- 38 Boston Mountains
- 39 Ozark Highlands
- 73 Mississippi Alluvial Plain
- 74 Mississippi Valley Loess Plains

Note: Routes shown with representative lines not indicative of corridor or ROW widths

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Figure 3.17-1e: Level III Ecoregions in Region 5



- HVDC Applicant Proposed Route (APR)**
- Original APR
 - Link Node
 - APR Route Variation
 - Region Break Line
 - Converter Station Siting Area

- Region 5 HVDC Alternative Routes**
- AR 5-B
 - AR 5-C
 - AR 5-D
 - AR 5-E
 - AR 5-F
- Region 6 HVDC Alternative Routes**
- AR 6-A
 - AR 6-B

- Region 7 HVDC Alternative Routes**
- AR 7-A
 - AR 7-B
 - AR 7-C
 - AR 7-D
- AR 6-C**
- AR 6-D**

- Level III Ecoregions**
- 37 Arkansas Valley
 - 38 Boston Mountains
 - 39 Ozark Highlands
 - 73 Mississippi Alluvial Plain
 - 74 Mississippi Valley Loess Plains

Note: Routes shown with representative lines not indicative of corridor or ROW widths

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 Date Modified: 7/27/2015

Data Sources: Level III Ecoregions (EPA 2010)

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Figure 3.17-1f: Level III Ecoregions in Regions 6 & 7

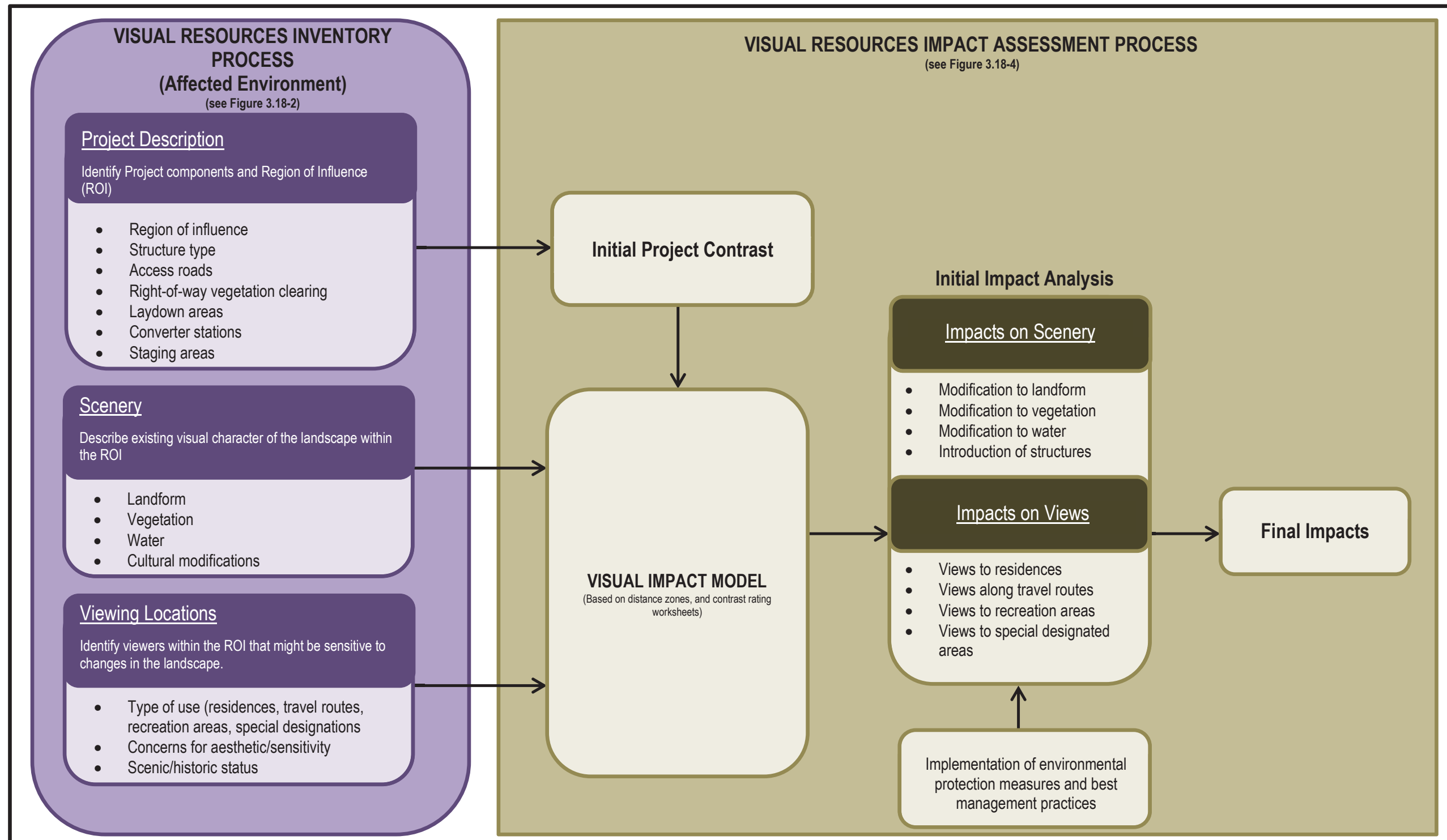


Figure 3.18-1: Overall Visual Assessment Process

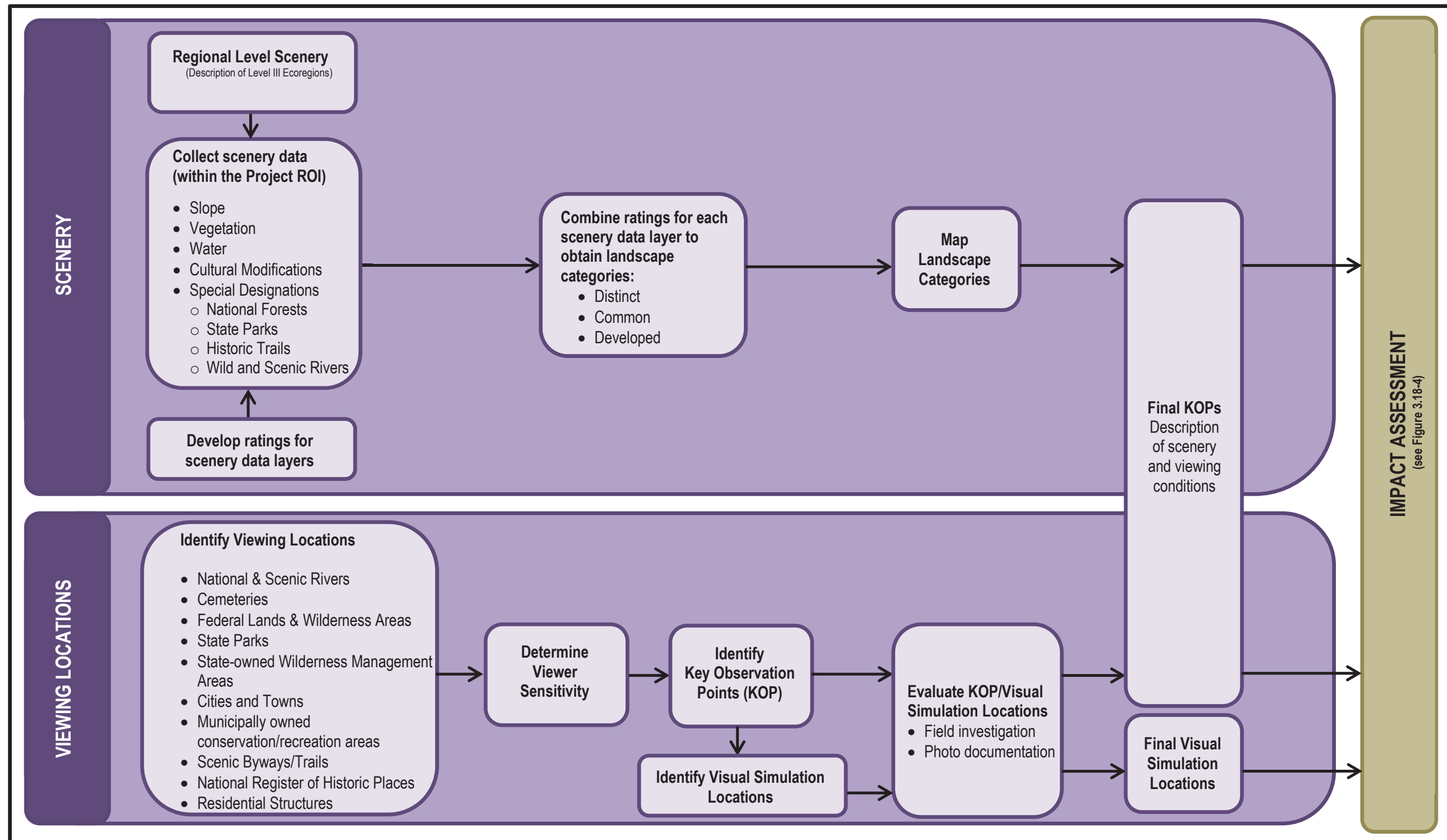
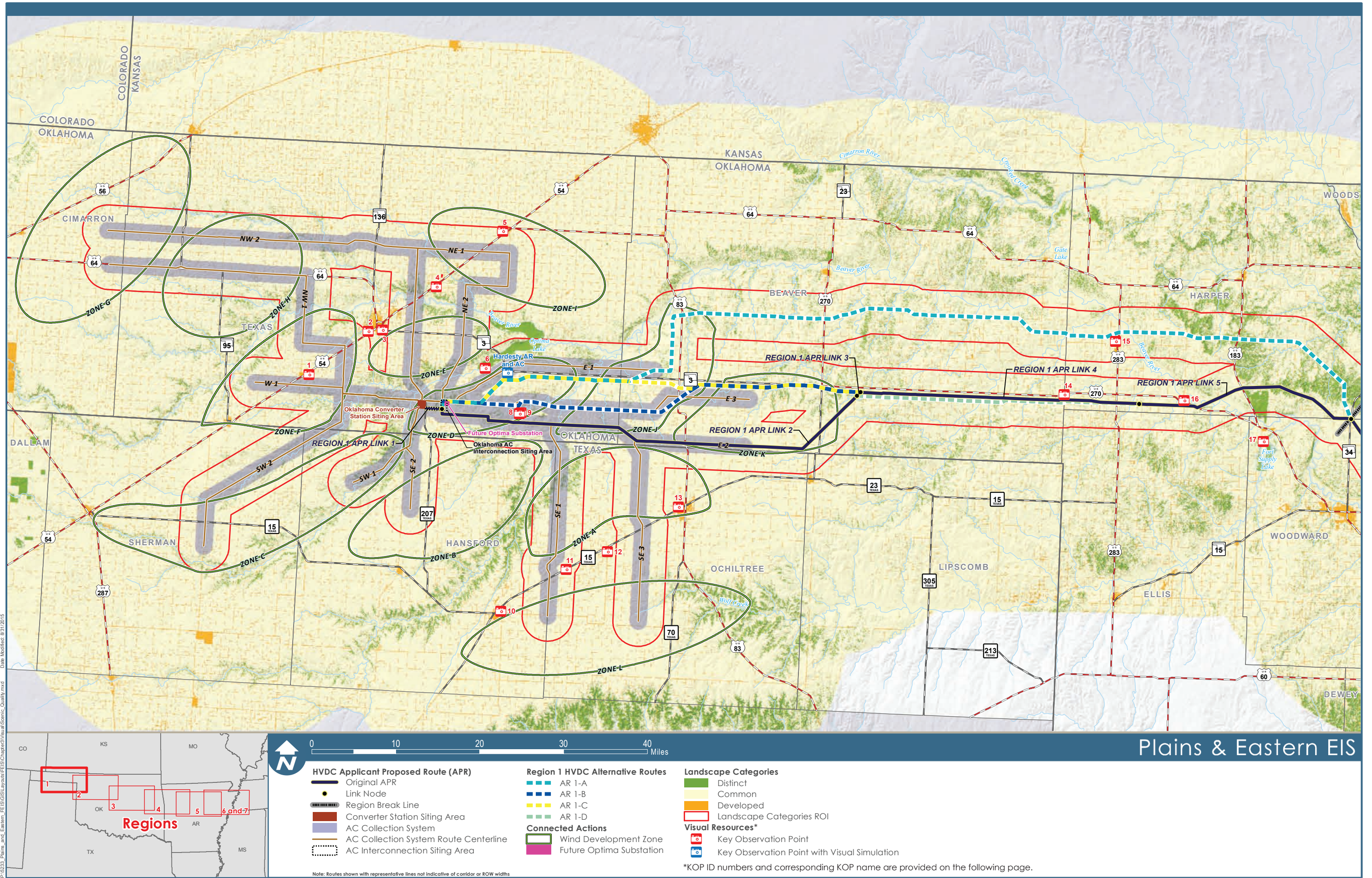


Figure 3.18-2: Visual Resources Inventory Process



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HVDC Applicant Proposed Route (APR)

- Original APR
- Link Node
- Region Break Line
- Converter Station Siting Area
- AC Collection System
- AC Collection System Route Centerline
- AC Interconnection Siting Area

Region 1 HVDC Alternative Routes

- AR 1-A
- AR 1-B
- AR 1-C
- AR 1-D

Connected Actions

- Wind Development Zone
- Future Optima Substation

Landscape Categories

- Distinct
- Common
- Developed
- Landscape Categories ROI

Visual Resources*

- Key Observation Point
- Key Observation Point with Visual Simulation

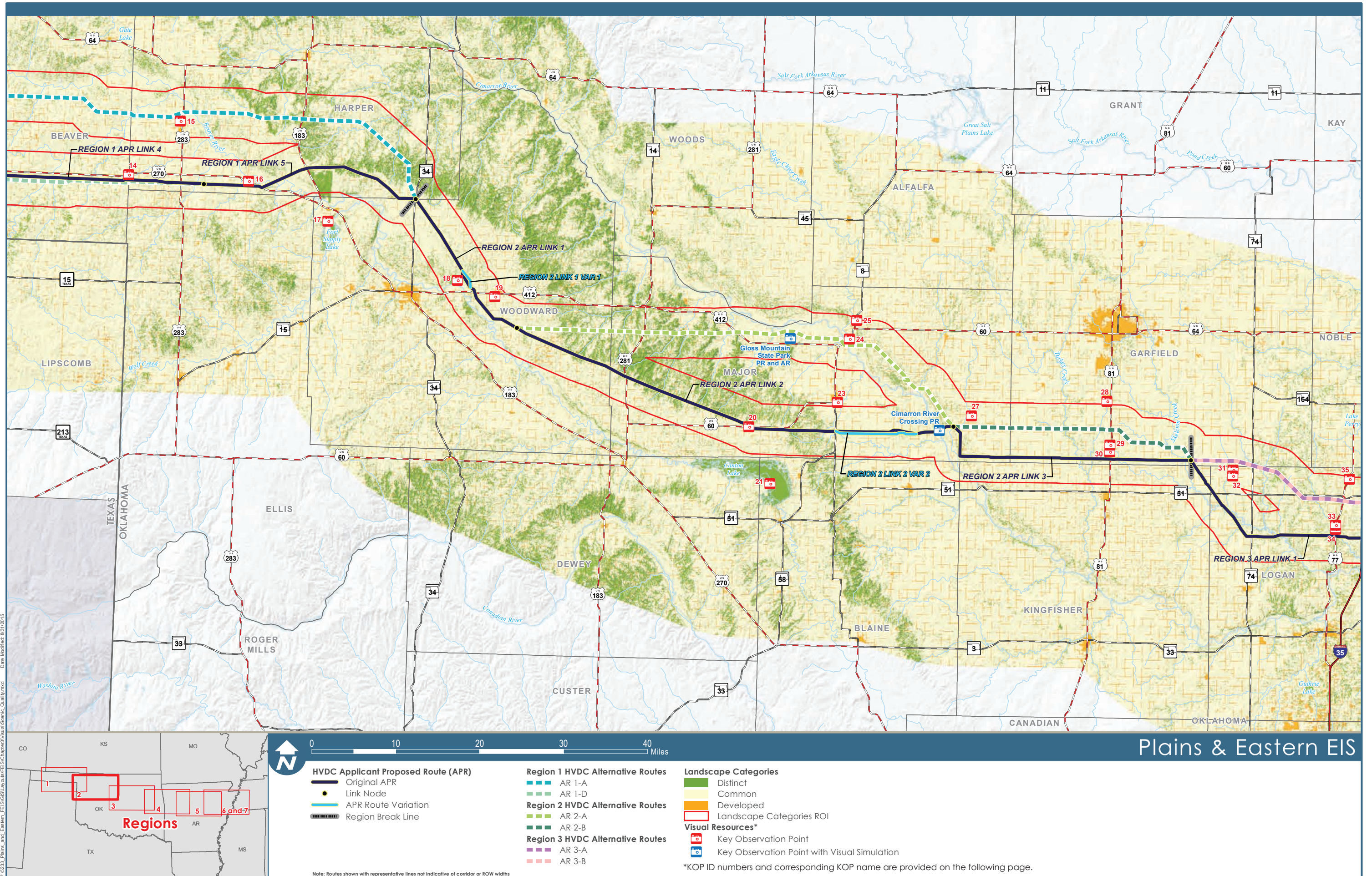
Note: Routes shown with representative lines not indicative of corridor or ROW widths

*KOP ID numbers and corresponding KOP name are provided on the following page.

Figure 3.18-3a: Landscape Category/Key Observation Points in Region 1

Data Sources: Landscape Categories (Tetra Tech 2014b); Key Observation Points (Clean Line 2014)

KOP Number	KOP NAME
1	Goodwell AC
2	Guymon AC(1)
3	Guymon AC(2)
4	Optima AC
5	Hooker AC
6	Optima National Wildlife Refuge AR
7	Hardesty AR and AC
8	Lake Schultz State Park PR and AC
9	Lake Schultz State Park AR and AC
10	Spearman AC
11	Waka AC
12	Farnsworth AC - 2
13	Perryton-Leatherman Park AC
14	Local Historical Marker PR and AR
15	Laverne AR
16	May PR
17	Fort Supply WMA Recreation Area PR

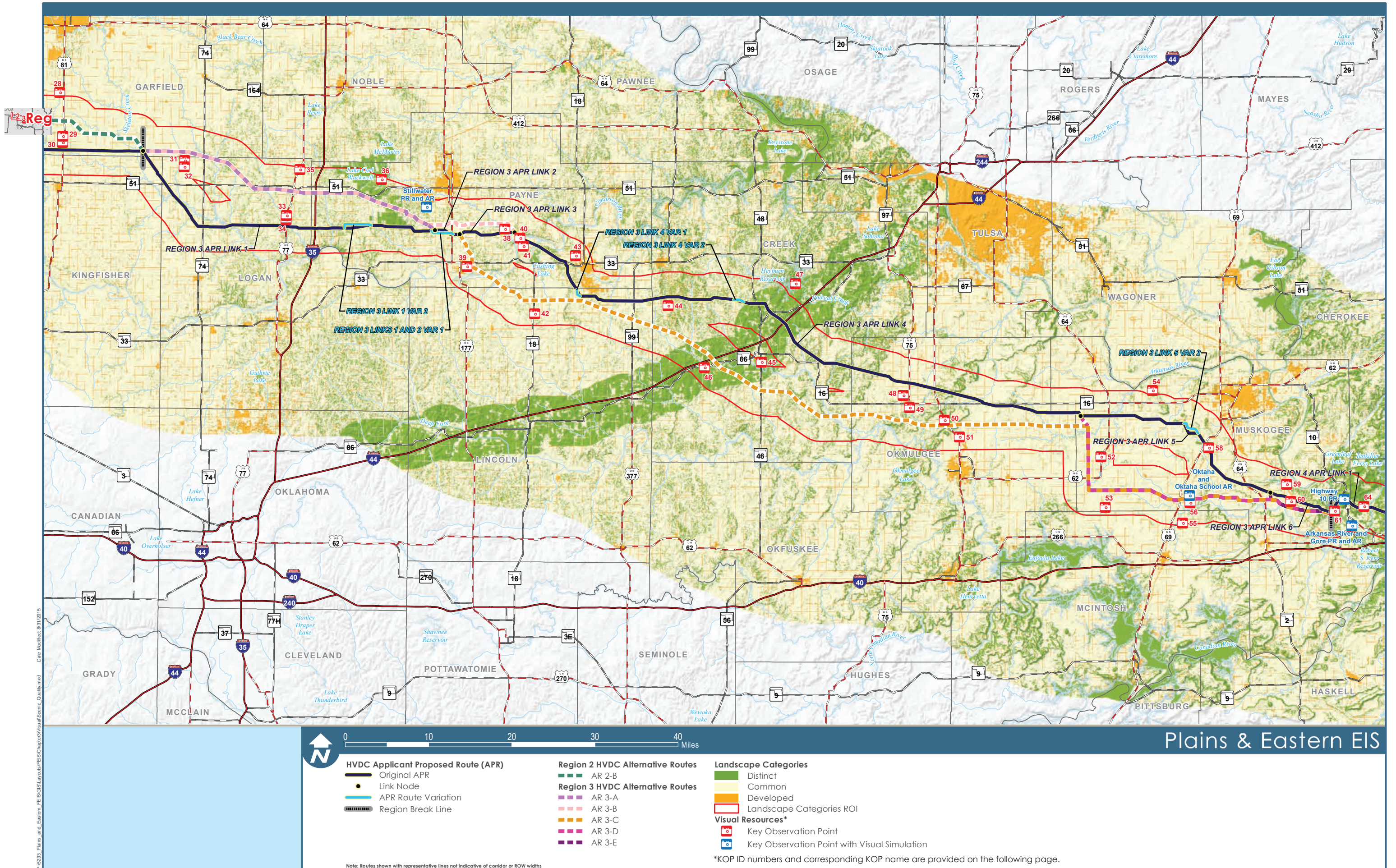


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Data Sources: Landscape Categories (Tetra Tech 2014b); Key Observation Points (Clean Line 2014)

Figure 3.18-3b: Landscape Category/Key Observation Points in Region 2

KOP Number	KOP NAME
14	Local Historical Marker PR and AR
15	Laverne AR
16	May PR
17	Fort Supply WMA Recreation Area PR
18	Boiling Springs State Park PR
19	Mooreland PR
20	SR 60 West of Fairview PR
21	Canton WMA and Lake Recreation Area PR
22	Gloss Mountain State Park PR and AR
23	Fairview PR
24	Cimarron River Crossing AR
25	Cleo Springs AR
26	Cimarron River Crossing PR
27	Ames PR and AR
28	Waukomis AR
29	Bison AR
30	Bison PR
31	Marshall AR
32	Marshall PR
33	Mulhall AR
34	Mulhall PR
35	Orlando AR



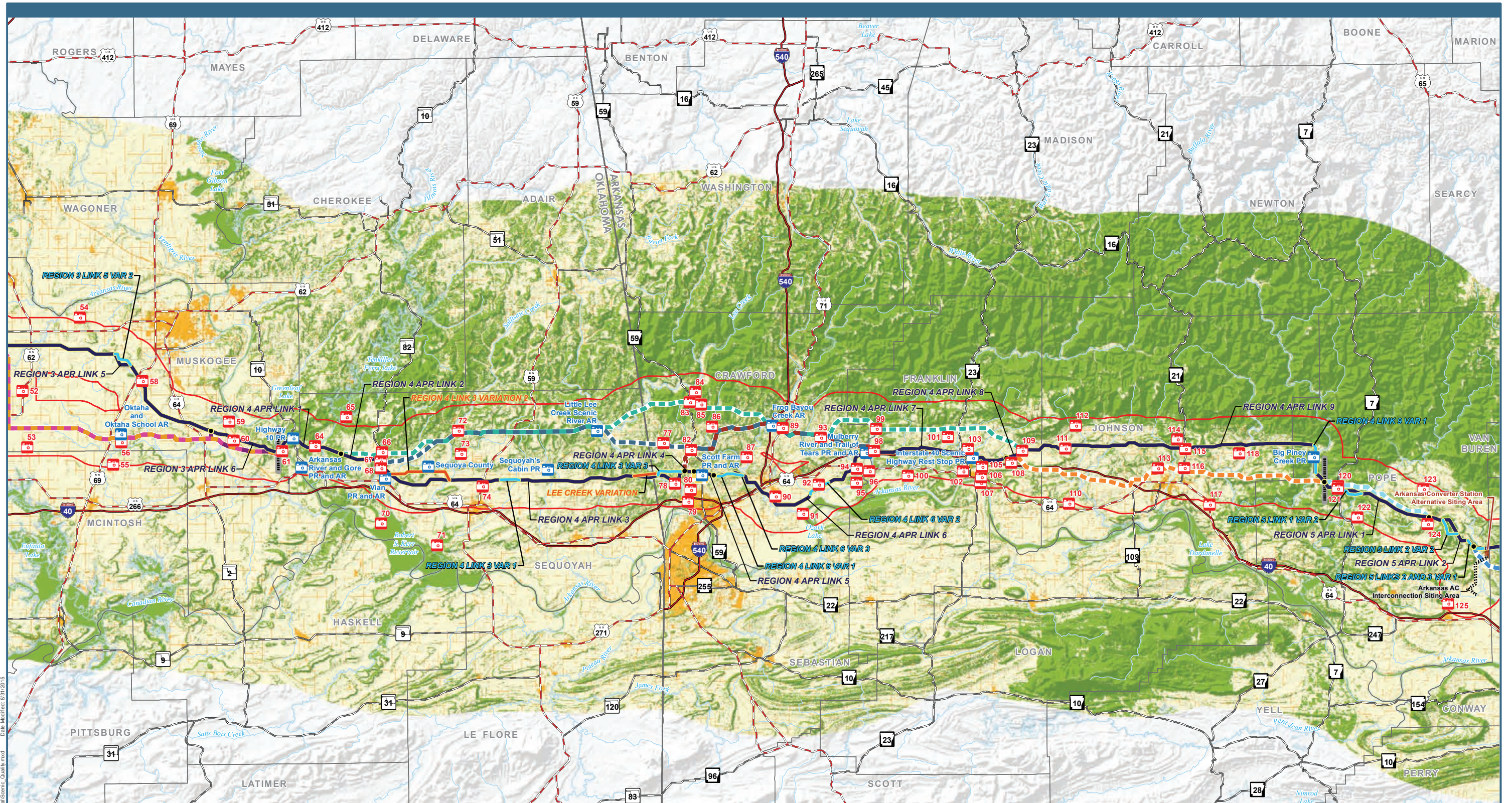
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Data Sources: Landscape Categories (Tetra Tech 2014b); Key Observation Points (Clean Line 2014)

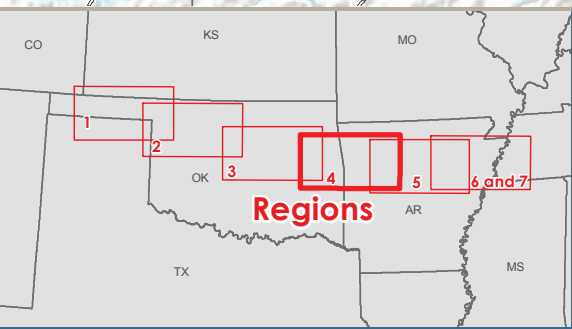
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Figure 3.18-3c: Landscape Category/Key Observation Points in Region 3

KOP Number	KOP NAME
28	Waukomis AR
29	Bison AR
30	Bison PR
31	Marshall AR
32	Marshall PR
33	Mulhall AR
34	Mulhall PR
35	Orlando AR
36	Lake Carl Blackwell AR
37	Stillwater PR and AR
38	Mehan PR and AR
39	Perkins AR
40	Cimarron River Crossing PR (Region 3)
41	Ripley PR
42	Agra AR
43	Cushing PR
44	Shamrock PR and AR
45	Bristow and Route 66 AR
46	Depew and Route 66 AR
47	Heyburn Lake PR
48	Beggs PR
49	Beggs AR
50	Preston AR
51	Okmulgee AR
52	Boynton AR
53	Council Hill AR
54	Taft PR
55	Honey Springs Battlefield and Rentiesville AR South
56	Honey Springs Battlefield and Rentiesville AR North
57	Oktaha and Oktaha School AR
58	Summit PR
59	Webbers Falls Reservoir PR and AR
60	McLain PR and AR
61	Arkansas River PR and AR
62	Highway 10 PR
63	Arkansas River and Gore PR and AR
64	Trail of Tears State Route 100 PR



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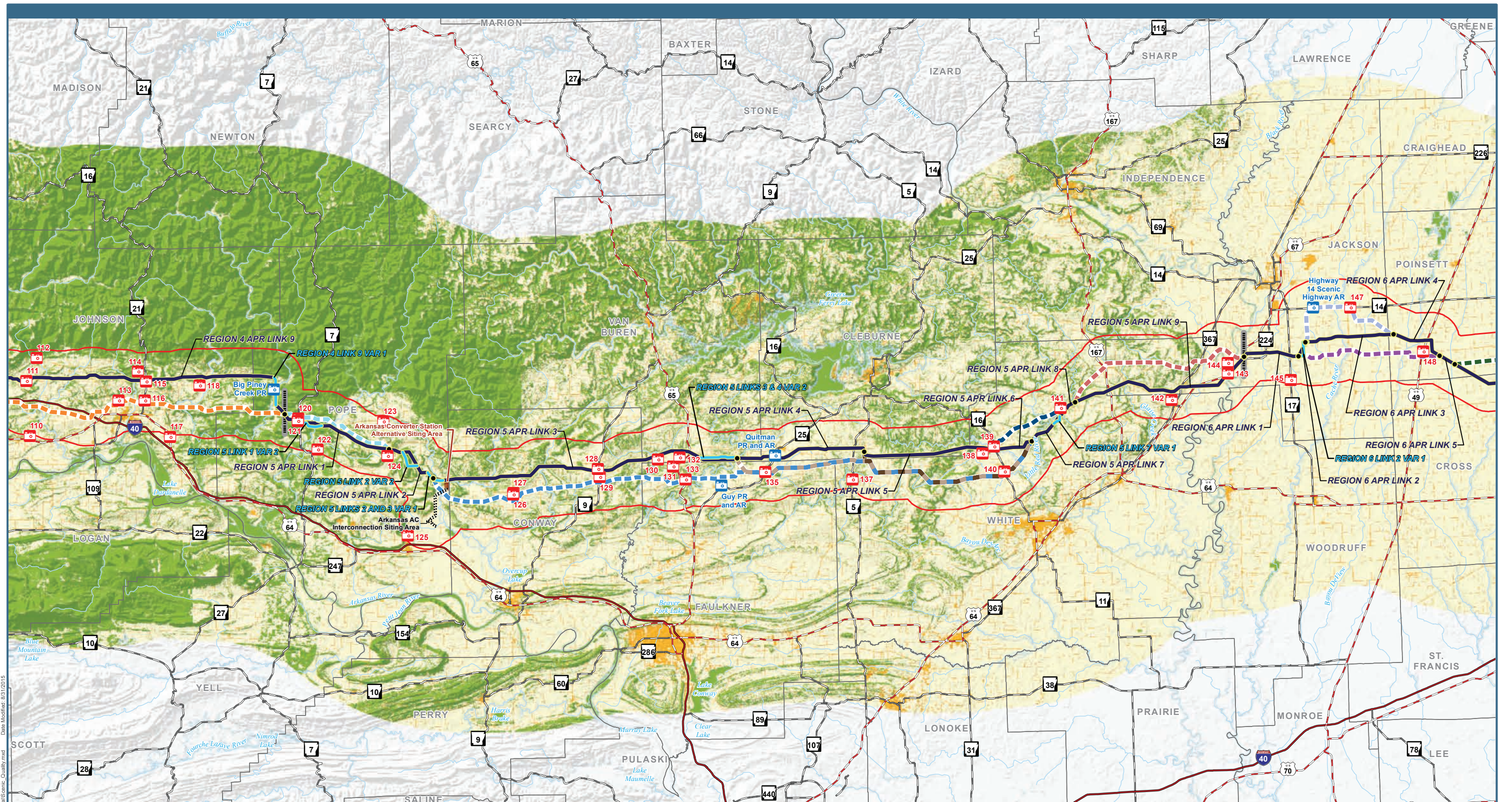
<p>HVDC Applicant Proposed Route (APR)</p> <ul style="list-style-type: none"> Original APR Link Node APR Route Variation Route Variation Region Break Line Converter Station Siting Area AC Interconnection Siting Area 	<p>Region 3 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 3-C AR 3-D AR 3-E <p>Region 4 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 4-A AR 4-B AR 4-C AR 4-D 	<p>Region 5 HVDC Alternative Routes</p> <ul style="list-style-type: none"> AR 5-A AR 5-B AR 5-C <p>Landscape Categories</p> <ul style="list-style-type: none"> Distinct Common Developed Landscape Categories ROI 	<p>Visual Resources*</p> <ul style="list-style-type: none"> Key Observation Point Key Observation Point with Visual Simulation <p>*KOP ID numbers and corresponding KOP name are provided on the following page.</p>
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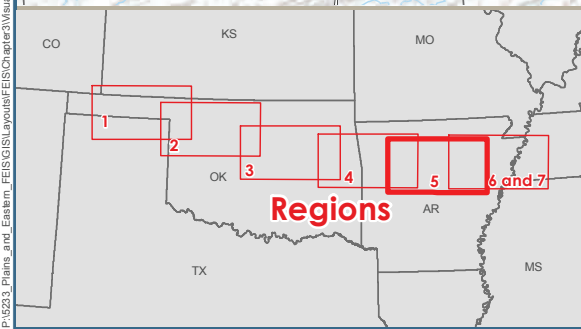
Figure 3.18-3d: Landscape Category/Key Observation Points in Region 4

Data Sources: Landscape Categories (Tetra Tech 2014b); Key Observation Points (Clean Line 2014)

KOP Number	KOP NAME	KOP Number	KOP NAME
52	Boynton AR	89	Route 71 Scenic Byway AR
53	Council Hill AR	90	Alma PR
54	Taft PR	91	Clear Creek Park PR
55	Honey Springs Battlefield and Rentiesville AR South	92	Dyer PR
56	Honey Springs Battlefield and Rentiesville AR North	93	Boys & Girls Camp AR
57	Oktaha and Oktaha School AR	94	Mulberry Park PR
58	Summit PR	95	Vine Prairie Park PR
59	Webbers Falls Reservoir PR and AR	96	Bluff Hole Park PR and AR
60	McLain PR and AR	97	Mulberry River and Trail of Tears PR and AR
61	Arkansas River PR and AR	98	Trail of Tears Wire Road PR and AR
62	Highway 10 PR	99	Mulberry River AR
63	Arkansas River and Gore PR and AR	100	White Oak Park PR
64	Trail of Tears State Route 100 PR	101	White Oak PR and AR
65	Tenkiller State Park PR and AR	102	West Side City Park PR
66	Highway 82 AR	103	Ozark City Boat Launch PR
67	Highway 82 PR and AR	104	Interstate 40 Scenic Highway Rest Stop PR
68	Vian Lake PR	105	Ozark PR and AR
69	Vian PR and AR	106	East Side City Park PR
70	Sequoyah National Wildlife Refuge PR	107	Aux Arc Park PR
71	Robert S Kerr Reservoir PR	108	Widerkerhr Village and Highway 186 PR and AR
72	Marble City AR	109	Trail of Tears Highway 352 PR and AR
73	Brushy Creek Reservoir and Sallisaw State Park PR and AR	110	Coal Hill AR
73a	Sequoyah County (Route Variation)	111	Hunt PR
74	Sallisaw PR	112	Horsehead Lake Recreation Area PR
75	Sequoyah's Cabin PR	113	Clarksville PR and AR
76	Little Lee Creek Scenic River AR	114	Lake Ludwig PR
77	Uniontown Highway Scenic Highway AR	115	Route 21 Scenic Byway PR
78	Lee Creek PR	116	Highway 21 Scenic Byway AR
79	Field of Dreams PR and AR	117	Lamar AR
80	Van Buren PR and AR	118	Hagarville PR and AR
81	Scott Farm PR and AR	119	Big Piney Creek PR
82	Trail of Tears and Scenic Highway 220 AR	119a	Big Piney Creek PR (Route Variation)
83	Trail of Tears Route 59 AR	120	Highway 7 Scenic Byway AR
84	Fire Tower Lookout AR	121	Highway 7 Scenic Byway PR
85	Route 220 Scenic Highway AR	122	Dover and J.P. Lovelady Ball Park PR and AR
86	Cedarville AR	123	Hector PR and AR
87	City Park/ Ball fields and Rudy PR and AR	124	Pope County Residential Cluster AR and PR
88	Frog Bayou Creek AR	125	Atkins Interconnection



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Legend

- HVDC Applicant Proposed Route (APR)**
 - Original APR
 - Link Node
 - APR Route Variation
 - Region Break Line
 - Converter Station Siting Area
 - AC Interconnection Siting Area
- Region 4 HVDC Alternative Routes**
 - AR 4-E
- Region 5 HVDC Alternative Routes**
 - AR 5-A
 - AR 5-B
 - AR 5-C
 - AR 5-D
 - AR 5-E
 - AR 5-F
- Region 6 HVDC Alternative Routes**
 - AR 6-A
 - AR 6-B
 - AR 6-C
- Landscape Categories**
 - Distinct
 - Common
 - Developed
 - Landscape Categories ROI

Note: Routes shown with representative lines not indicative of corridor or ROW widths

Visual Resources *

- Key Observation Point
- Key Observation Point with Visual Simulation

*KOP ID numbers and corresponding KOP name are provided on the following page.

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Data Sources: Landscape Categories (Tetra Tech 2014b); Key Observation Points (Clean Line 2014)

Figure 3.18-3e: Landscape Category/Key Observation Points in Region 5

KOP Number	KOP NAME	KOP Number	KOP NAME
108	Widerkerhr Village and Highway 186 PR and AR	135	Highway 25 Scenic Highway AR
109	Trail of Tears Highway 352 PR and AR	136	Quitman PR and AR
110	Coal Hill AR	137	Rose Bud City Park PR and AR
111	Hunt PR	138	Letona PR
112	Horsehead Lake Recreation Area PR	139	Highway 16 Scenic Highway PR and AR
113	Clarksville PR and AR	140	Highway 16 Scenic Highway AR
114	Lake Ludwig PR	141	Steprock PR and AR
115	Route 21 Scenic Byway PR	142	Bradford PR
116	Highway 21 Scenic Byway AR	143	White River PR
117	Lamar AR	144	White River AR
118	Hagarville PR and AR	145	Weldon PR and AR
119	Big Piney Creek PR	146	Highway 14 Scenic Highway AR
120	Highway 7 Scenic Byway AR	147	Amagon AR
121	Highway 7 Scenic Byway PR	148	Fisher and Park PR and AR
122	Dover and J.P. Lovelady Ball Park PR and AR		
123	Hector PR and AR		
124	Pope County Residential Cluster AR and PR		
125	Atkins Interconnection		
126	Wonderview School PR		
127	Wonderview School AR		
128	Highway 9 Scenic Highway PR		
129	Highway 9 Scenic Highway AR		
130	Boy Scout Campground PR and AR		
131	Damascus AR		
132	Damascus PR		
133	Twin Groves PR and AR		
134	Guy PR and AR		

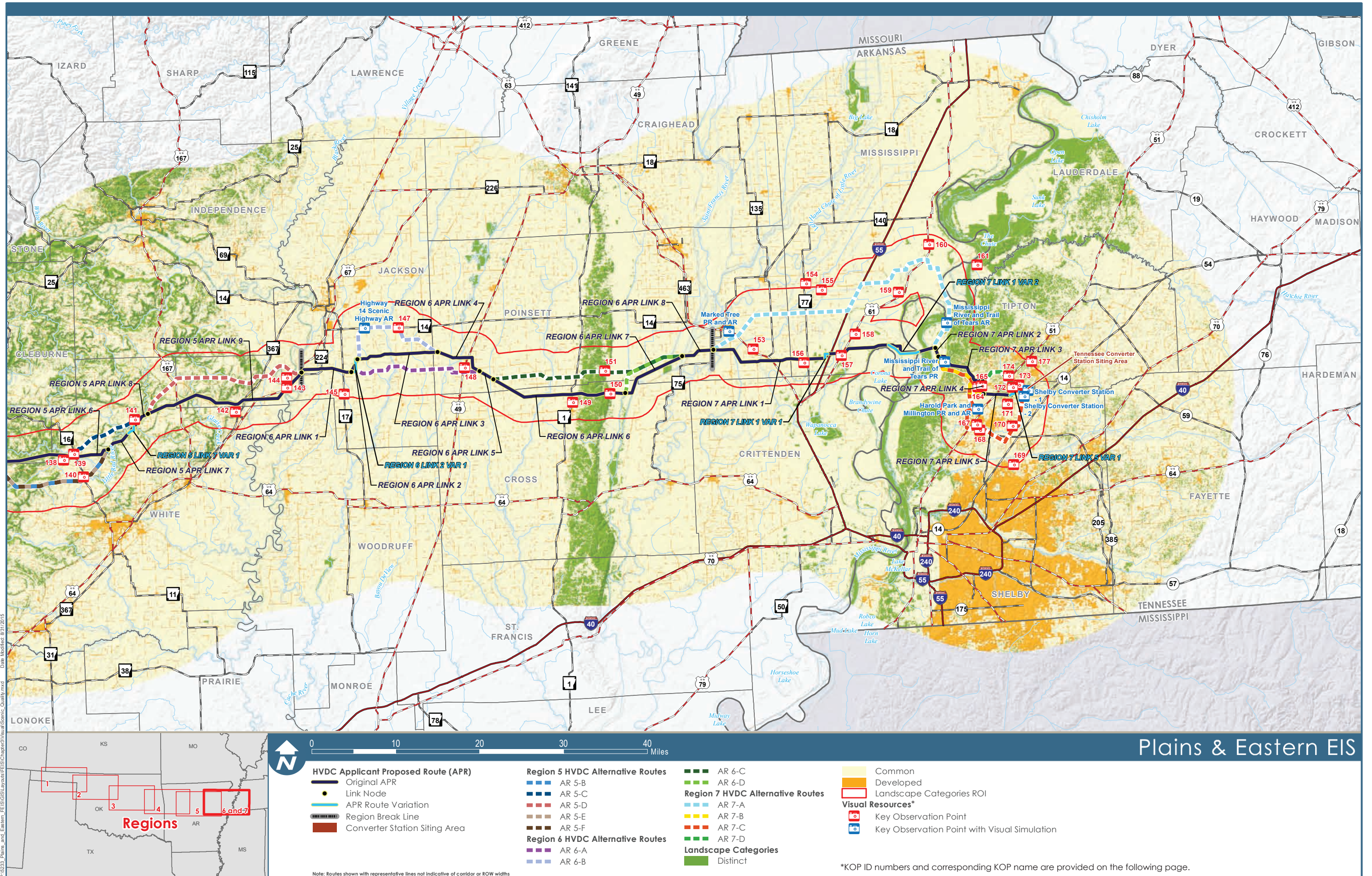


Figure 3.18-3f: Landscape Category/Key Observation Points in Regions 6 & 7

KOP Number	KOP NAME	KOP Number	KOP NAME
137	Rose Bud City Park PR and AR	169	Rockyford Park AR
138	Letona PR	170	Millington East AR
139	Highway 16 Scenic Highway PR and AR	171	Edmund Orgill Park PR and AR
140	Highway 16 Scenic Highway AR	172	Rhodes Estates PR and AR
141	Steprock PR and AR	173	Atoka AR and PR
142	Bradford PR	174	Munford PR and AR
143	White River PR	175	Shelby Converter Station - 2
144	White River AR	176	Shelby Converter Station - 1
145	Weldon PR and AR	177	Atoka Community Park PR and AR
146	Highway 14 Scenic Highway AR		
147	Amagon AR		
148	Fisher and Park PR and AR		
149	Cherry Valley PR		
150	Crowley's Ridge Scenic Byway PR		
151	Crowley's Ridge Scenic Byway AR		
152	Marked Tree PR and AR		
153	Tyronza PR and AR		
154	Johnny Cash Home AR		
155	Dyess AR		
156	Birdsong PR		
157	Highway 61 Scenic Byway PR		
158	Joiner PR		
159	Wilson Park AR		
160	McGavock-Grider Park AR		
161	Lower Hatchie National Wildlife Refuge AR		
162	Mississippi River and Trail of Tears AR		
163	Mississippi River and Trail of Tears PR		
164	Wilkinsville AR		
165	Wilkinsville PR		
166	Harold Park and Millington PR and AR		
167	Millington USA Baseball STDMA AR		
168	Aycock Park and Millington AR		

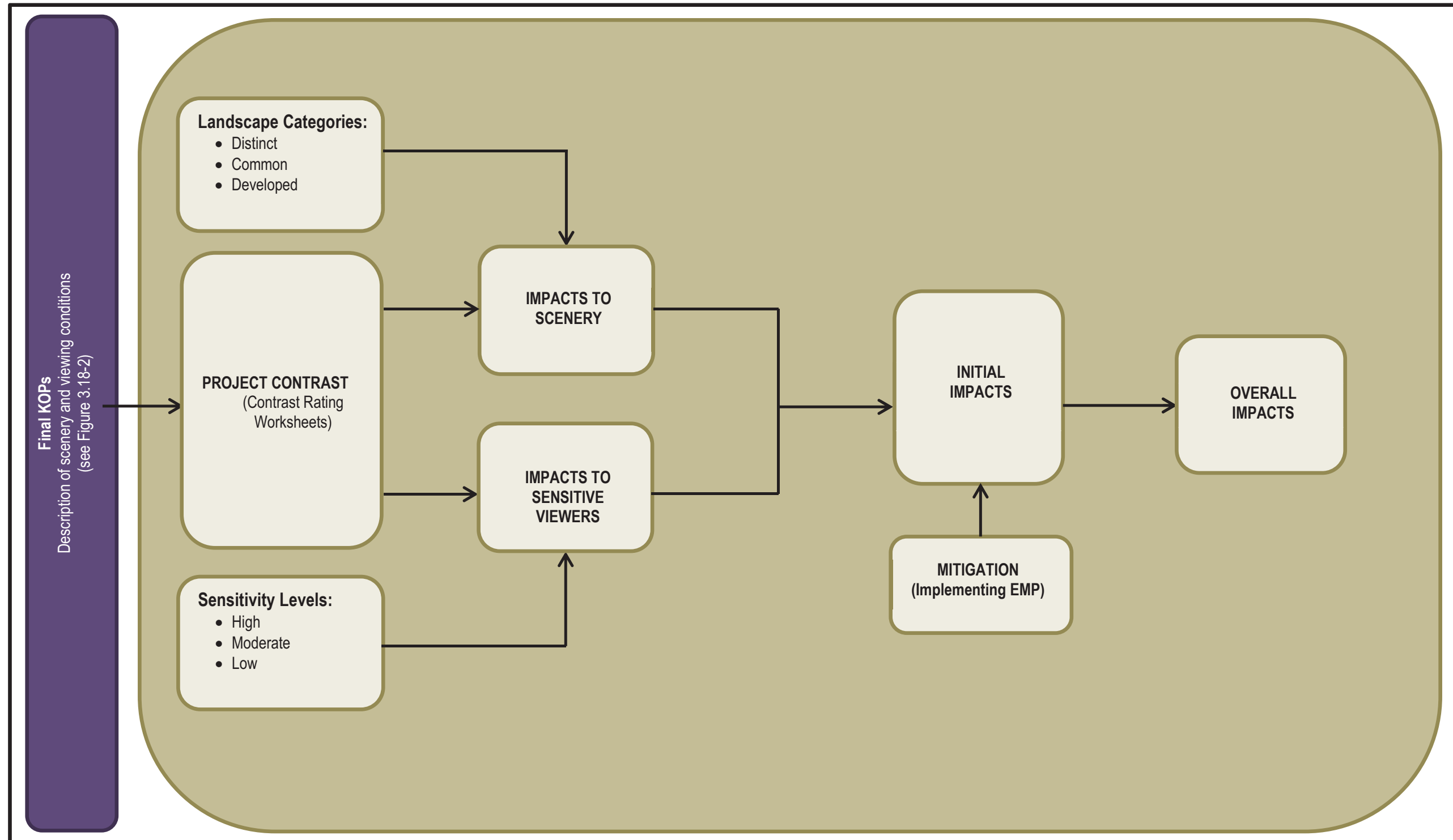


Figure 3.18-4: Visual Resources Impact Assessment Process