

Data Sources: Mineral Resources [Active Mine or Mineral Processing Plant (USGS 2005a); Mineral Resource Location (USGS 2005b)]

Figure 3.6-6a: Mineral Resources in Region 1

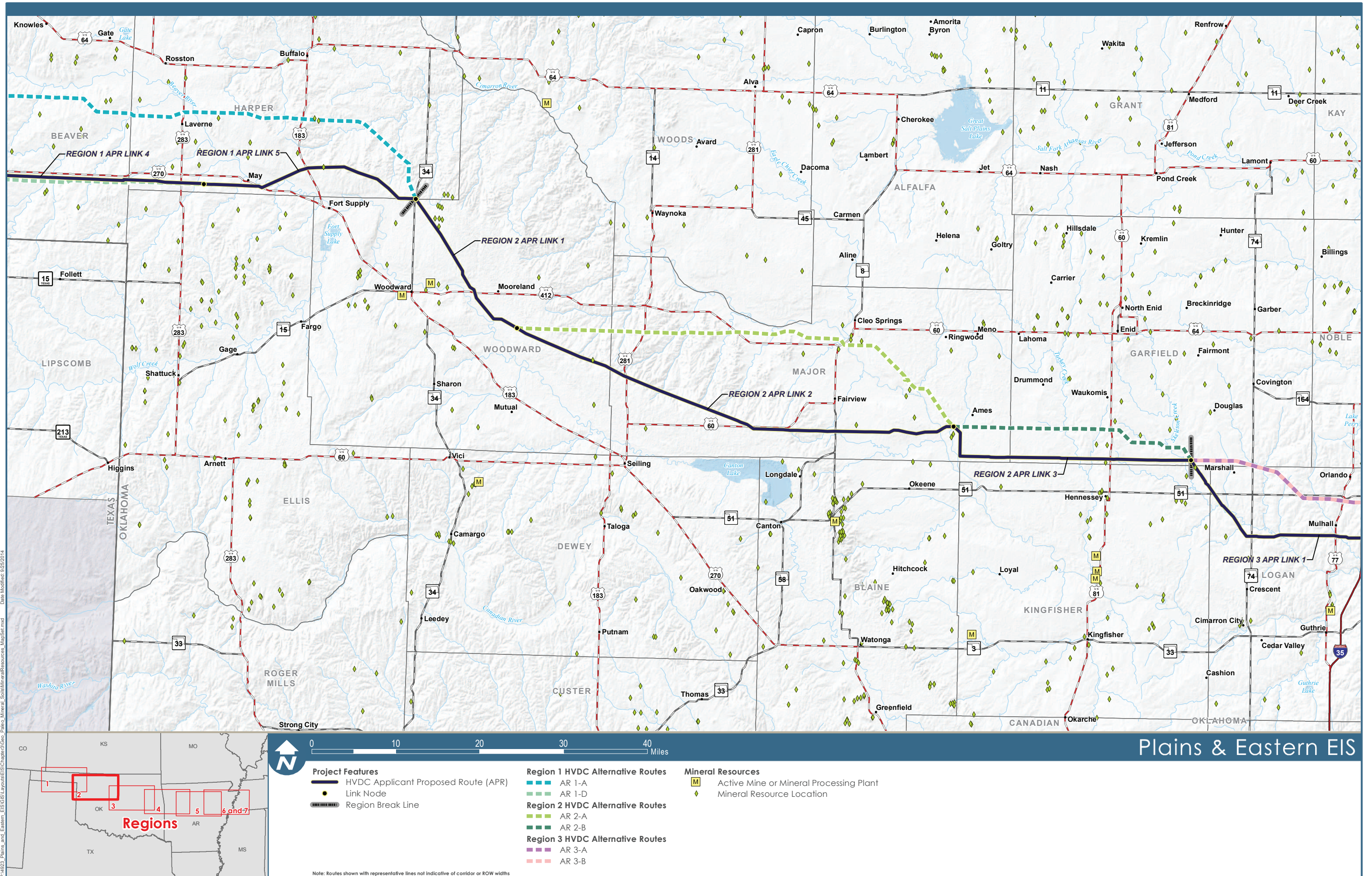
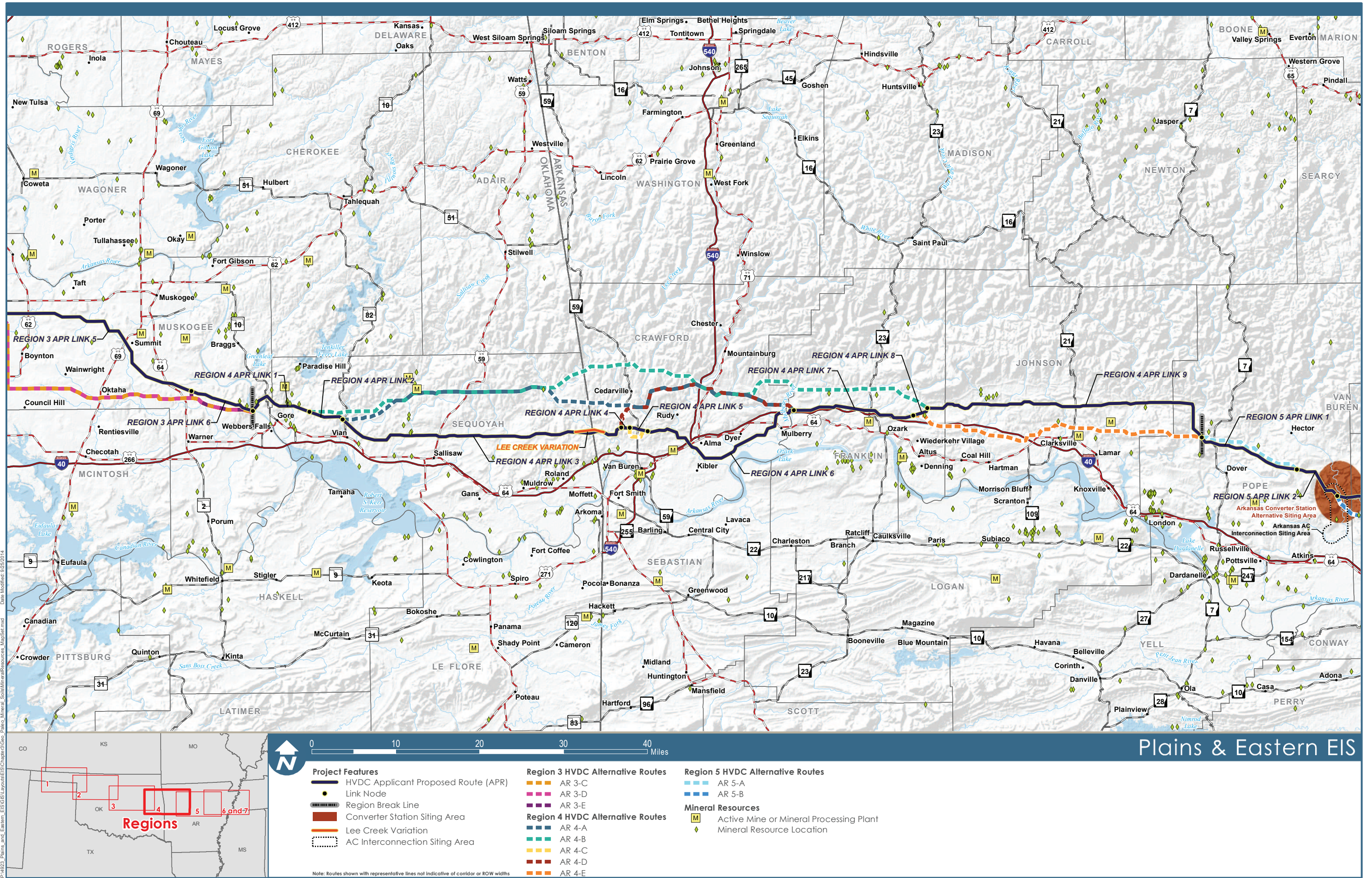


Figure 3.6-6b: Mineral Resources in Region 2



Figure 3.6-6c: Mineral Resources in Region 3

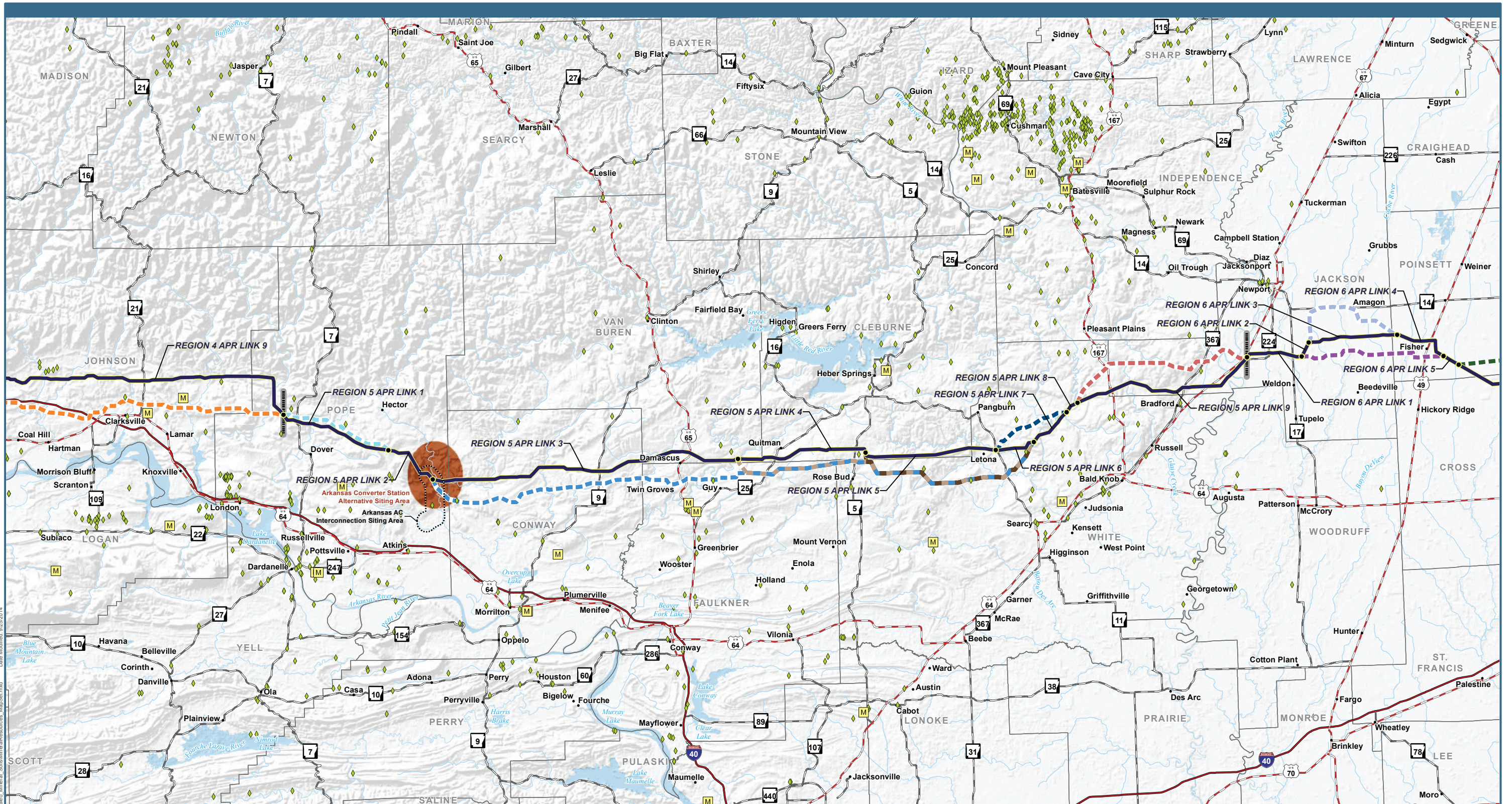


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Data Sources: Mineral Resources [Active Mine or Mineral Processing Plant (USGS 2005a); Mineral Resource Location (USGS 2005b)]

Plains & Eastern EIS

Figure 3.6-6d: Mineral Resources in Region 4



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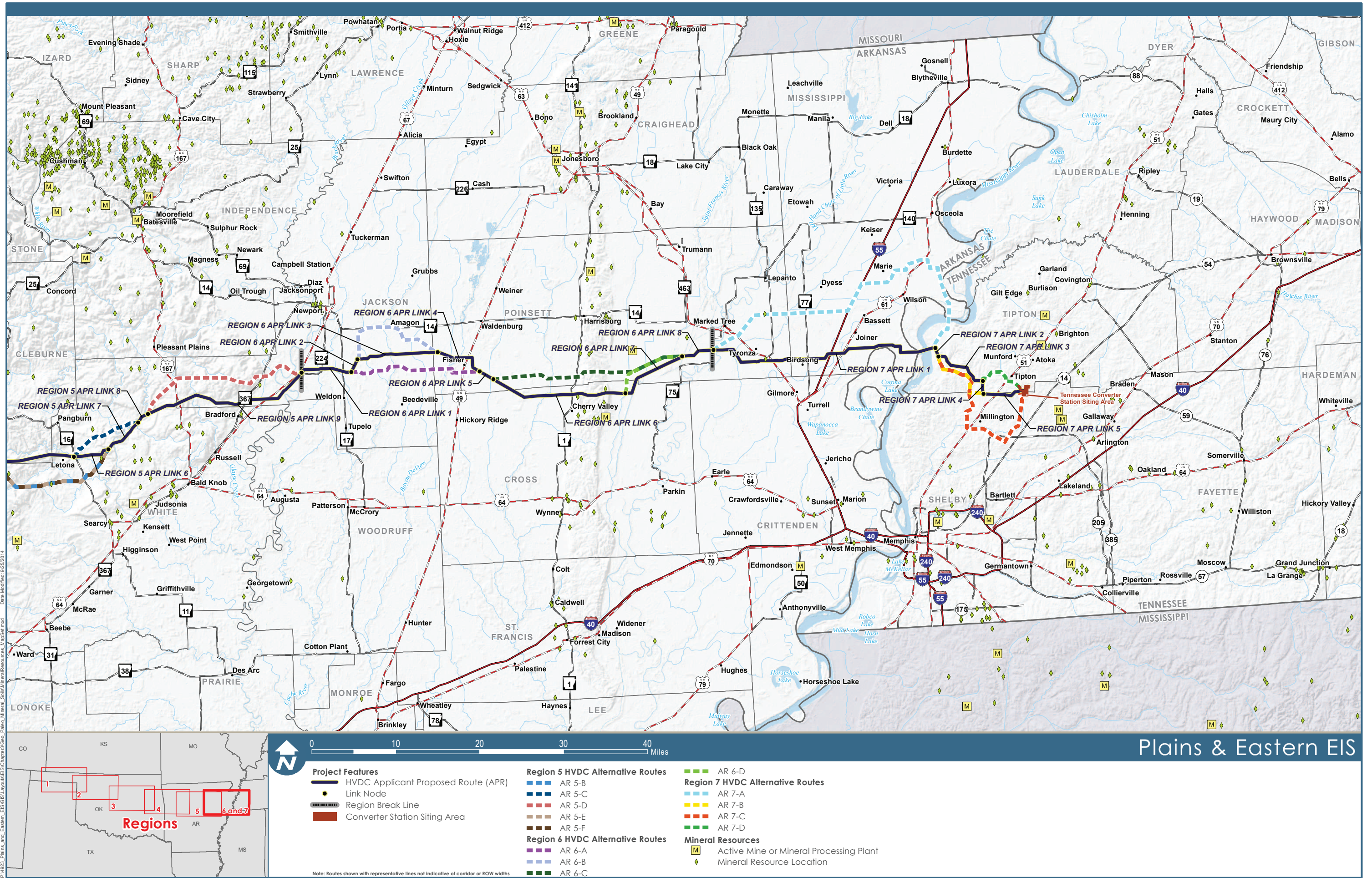
Plains & Eastern EIS

<p>Project Features</p> <ul style="list-style-type: none"> — HVDC Applicant Proposed Route (APR) ● Link Node 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>Mineral Resources</p> <ul style="list-style-type: none"> M Active Mine or Mineral Processing Plant ◆ Mineral Resource Location
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Note: Routes shown with representative lines not indicative of corridor or ROW widths

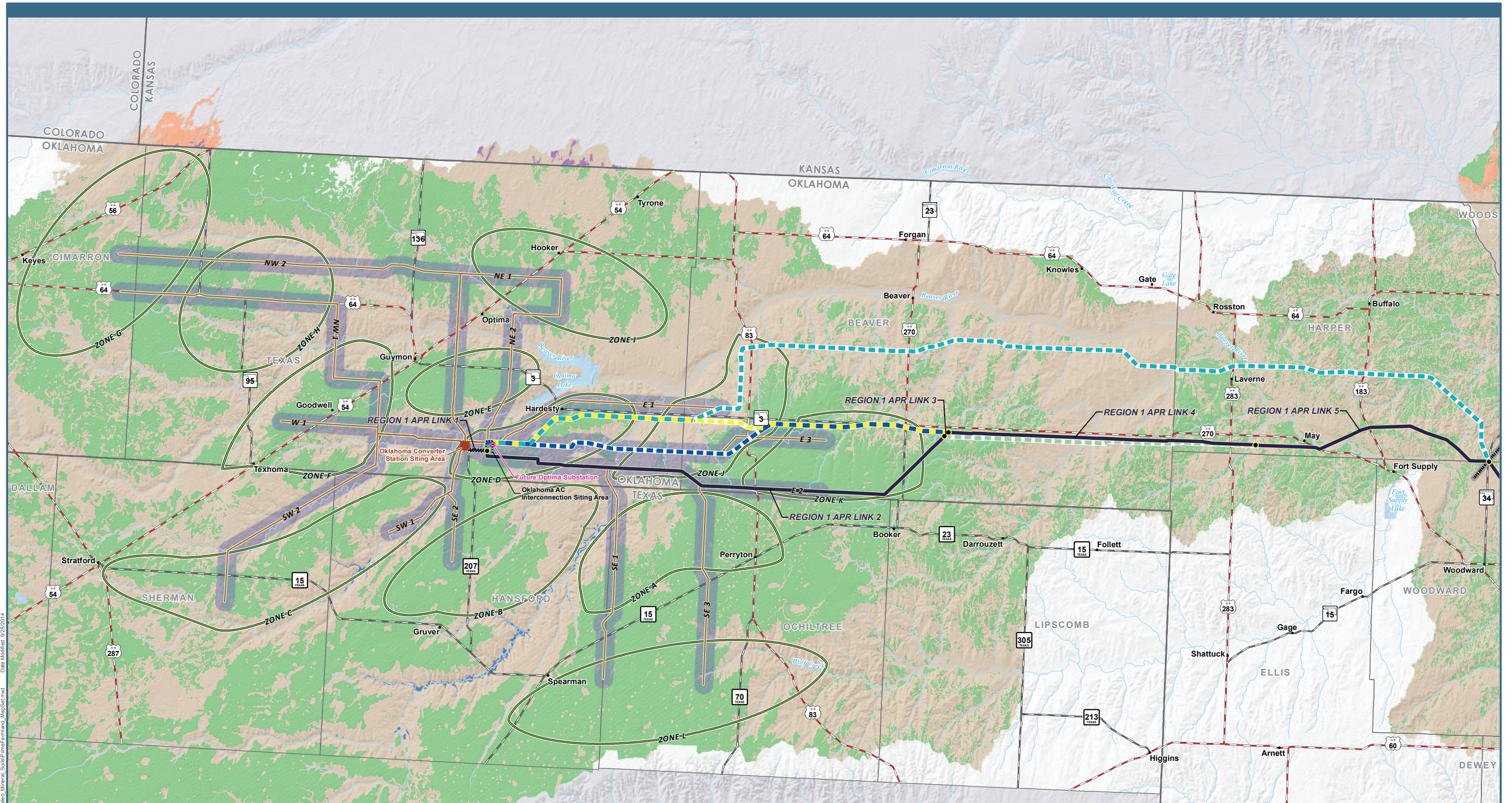
Data Sources: Mineral Resources [Active Mine or Mineral Processing Plant (USGS 2005a); Mineral Resource Location (USGS 2005b)]

Figure 3.6-6e: Mineral Resources in Region 5

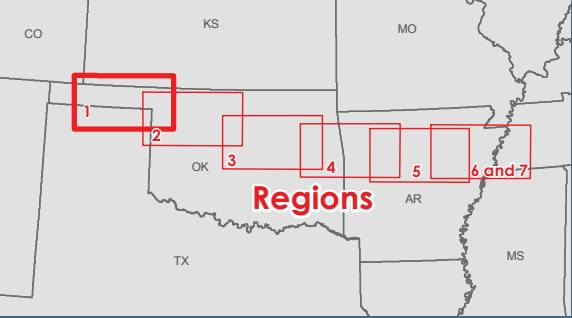


Data Sources: Mineral Resources [Active Mine or Mineral Processing Plant (USGS 2005a); Mineral Resource Location (USGS 2005b)]

Figure 3.6-6f: Mineral Resources in Regions 6 & 7



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Project Features

- HVDC Applicant Proposed Route (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

Prime Farmland

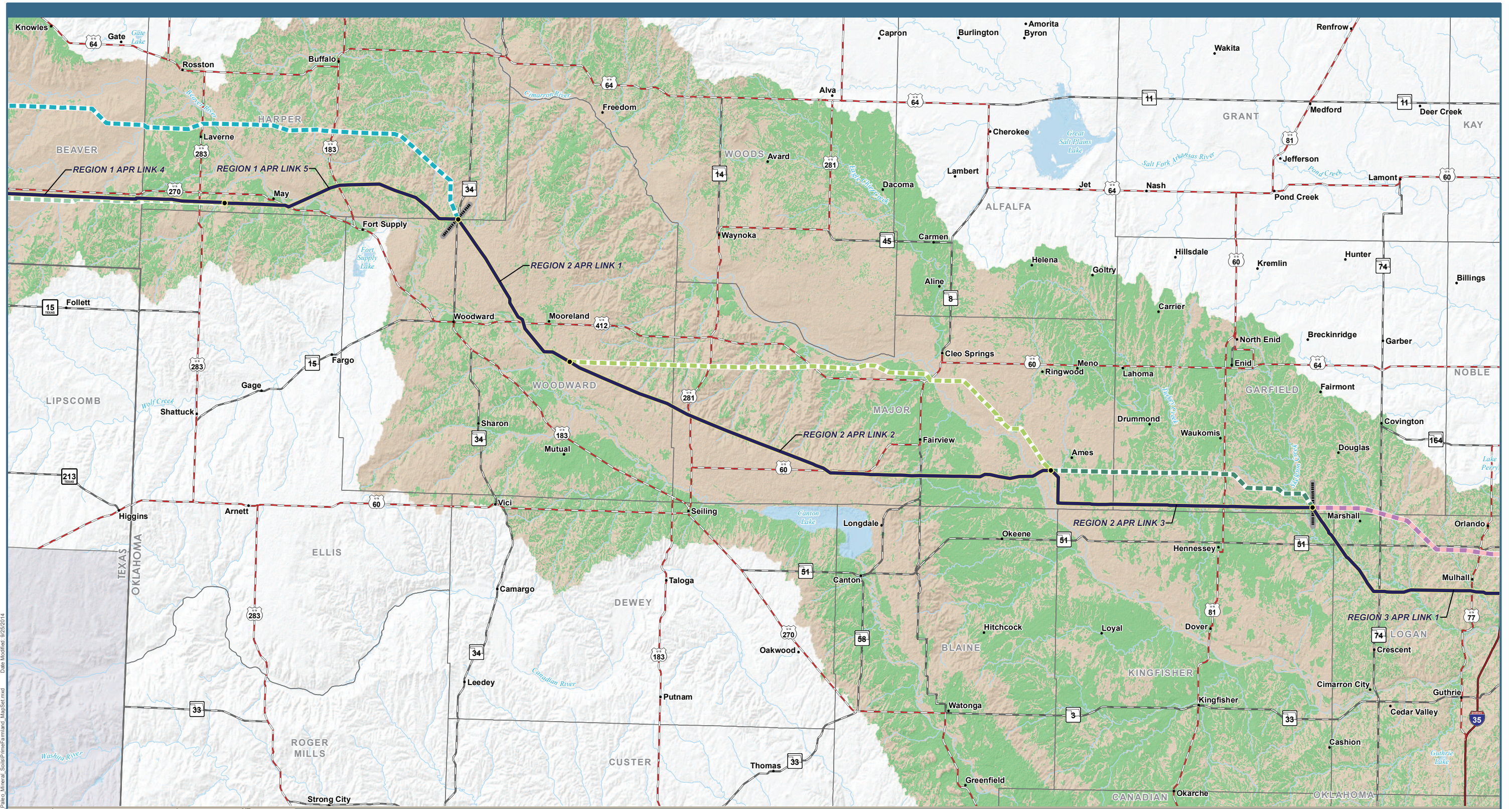
- Prime farmland if protected from flooding or not frequently flooded during the growing season

- All areas are prime farmland
- Farmland of statewide importance
- Prime farmland if irrigated
- Not prime farmland

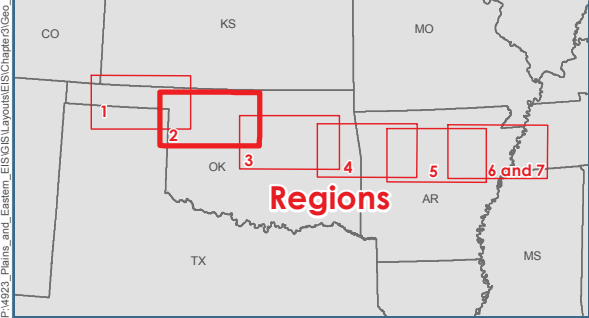
Plains & Eastern EIS

Data Sources: Prime Farmland (NRCS 2013)*
 *NRCS soil surveys (typically one per county) are mapped independently, and soil scientists that map the survey areas can sometimes apply the available soil categories differently. For example, two soil mapping units on either side of a county boundary may be mapped with slightly different prime farmland categories. Such variations are not expected to be significant in terms of the overall analysis.

Figure 3.6-7a: Prime Farmland in Region 1



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Project Features

- HVDC Applicant Proposed Route (APR)
- Link Node
- 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

Region 3 HVDC Alternative Routes

- AR 3-A
- AR 3-B

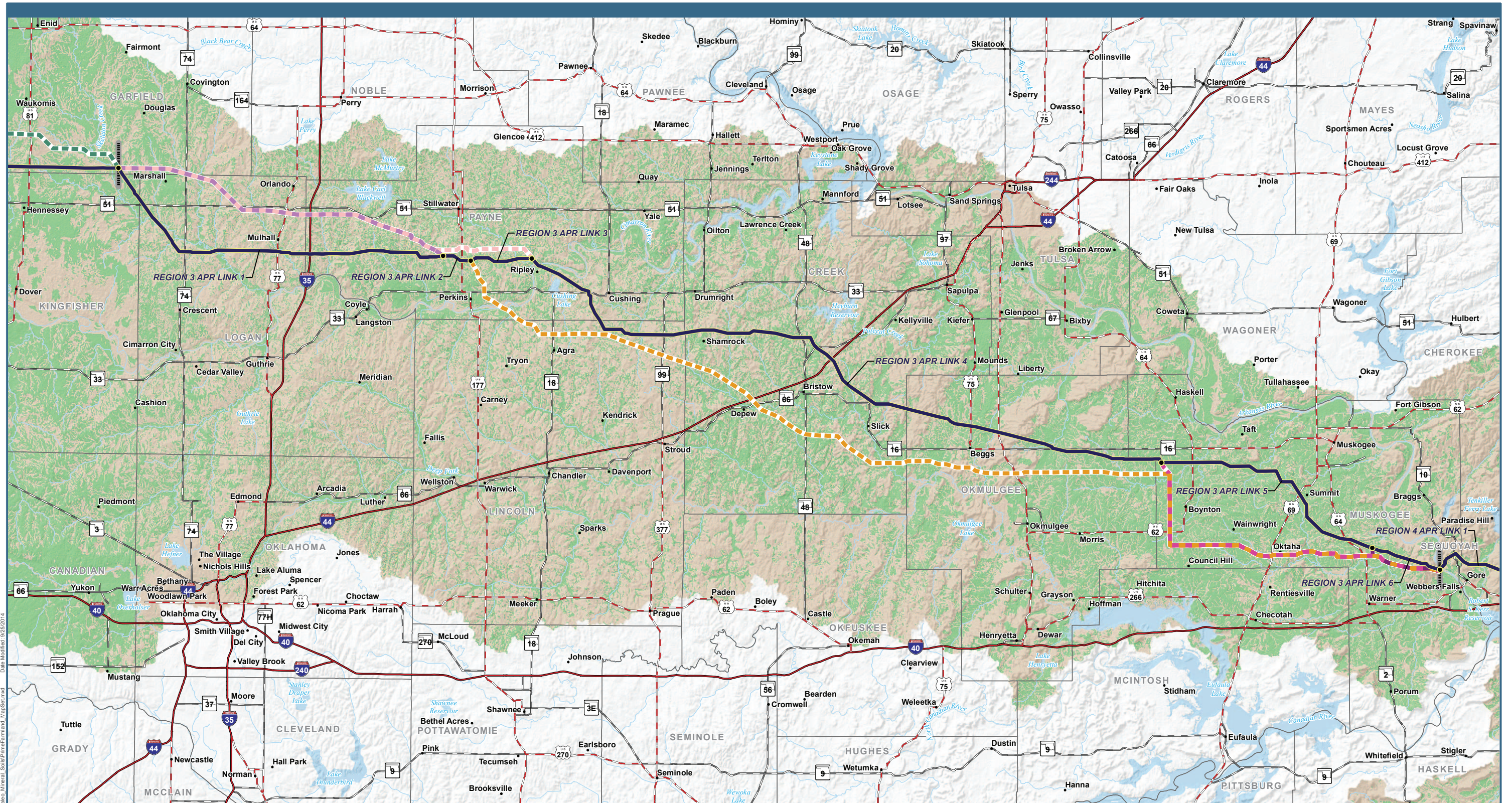
Prime Farmland

- All areas are prime farmland
- Not prime farmland

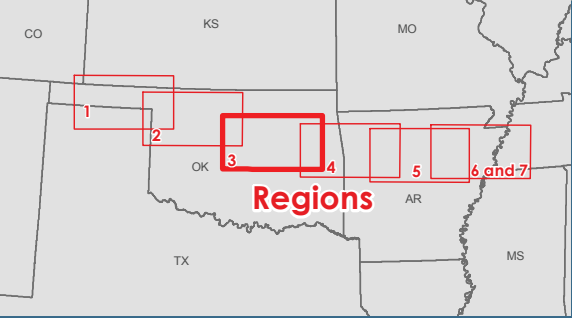
Plains & Eastern EIS

Data Sources: Prime Farmland (NRCS 2013)*
 *NRCS soil surveys (typically one per county) are mapped independently, and soil scientists that map the survey areas can sometimes apply the available soil categories differently. For example, two soil mapping units on either side of a county boundary may be mapped with slightly different prime farmland categories. Such variations are not expected to be significant in terms of the overall analysis.

Figure 3.6-7b: Prime Farmland in Region 2



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Project Features

- HVDC Applicant Proposed Route (APR)
- Link Node
- 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

Prime Farmland

- All areas are prime farmland

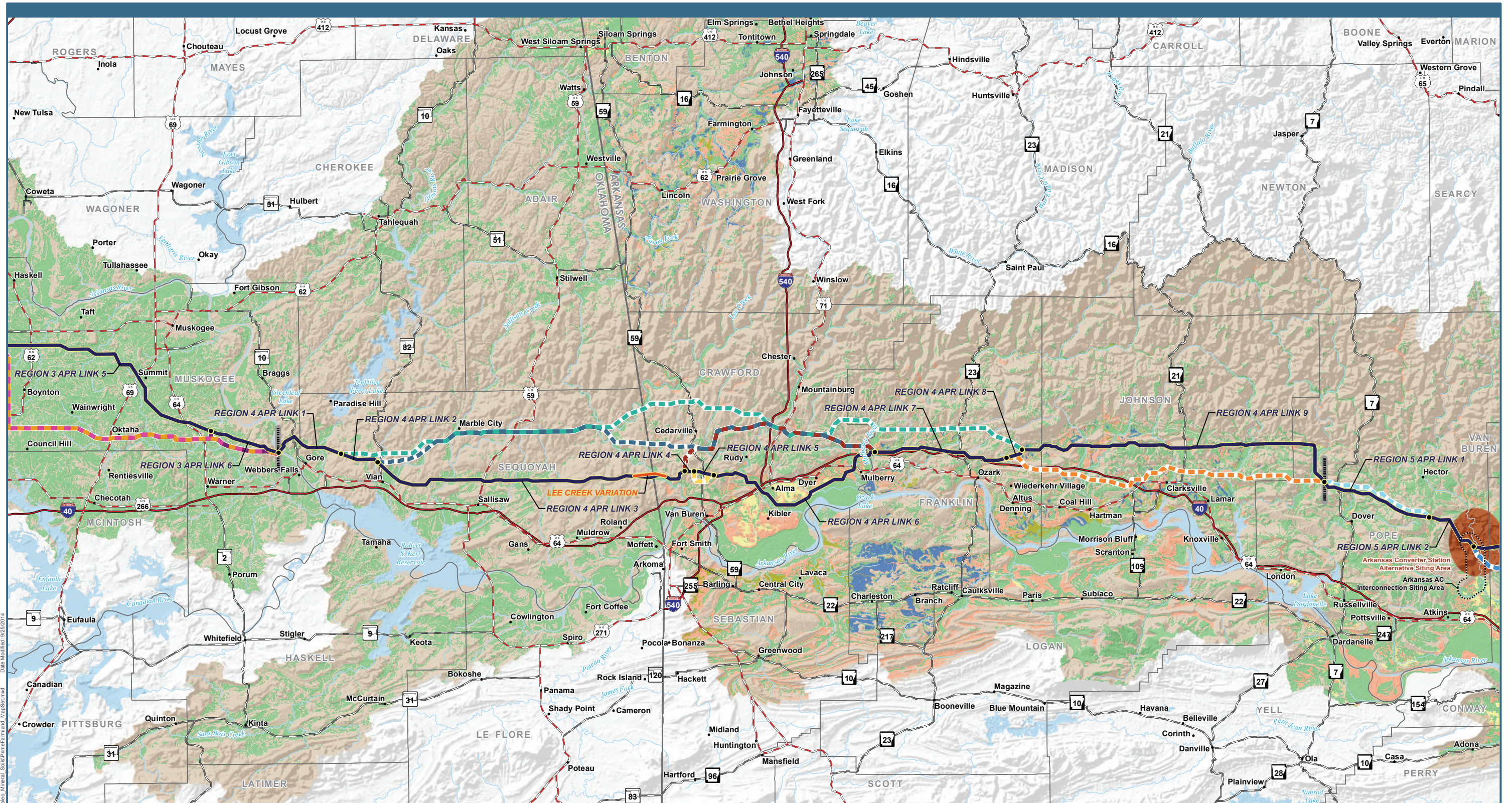
Not prime farmland



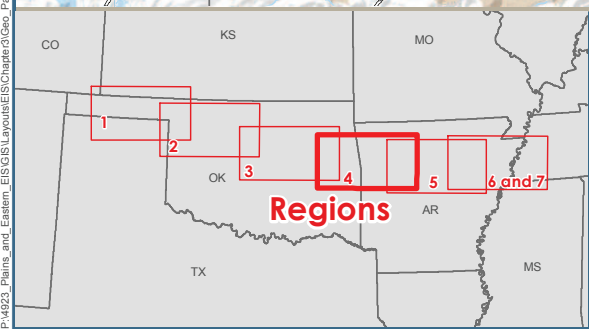
Plains & Eastern EIS

Data Sources: Prime Farmland (NRCS 2013)*
 *NRCS soil surveys (typically one per county) are mapped independently, and soil scientists that map the survey areas can sometimes apply the available soil categories differently. For example, two soil mapping units on either side of a county boundary may be mapped with slightly different prime farmland categories. Such variations are not expected to be significant in terms of the overall analysis.

Figure 3.6-7c: Prime Farmland in Region 3



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 Date Modified: 9/25/2014



Project Features

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

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

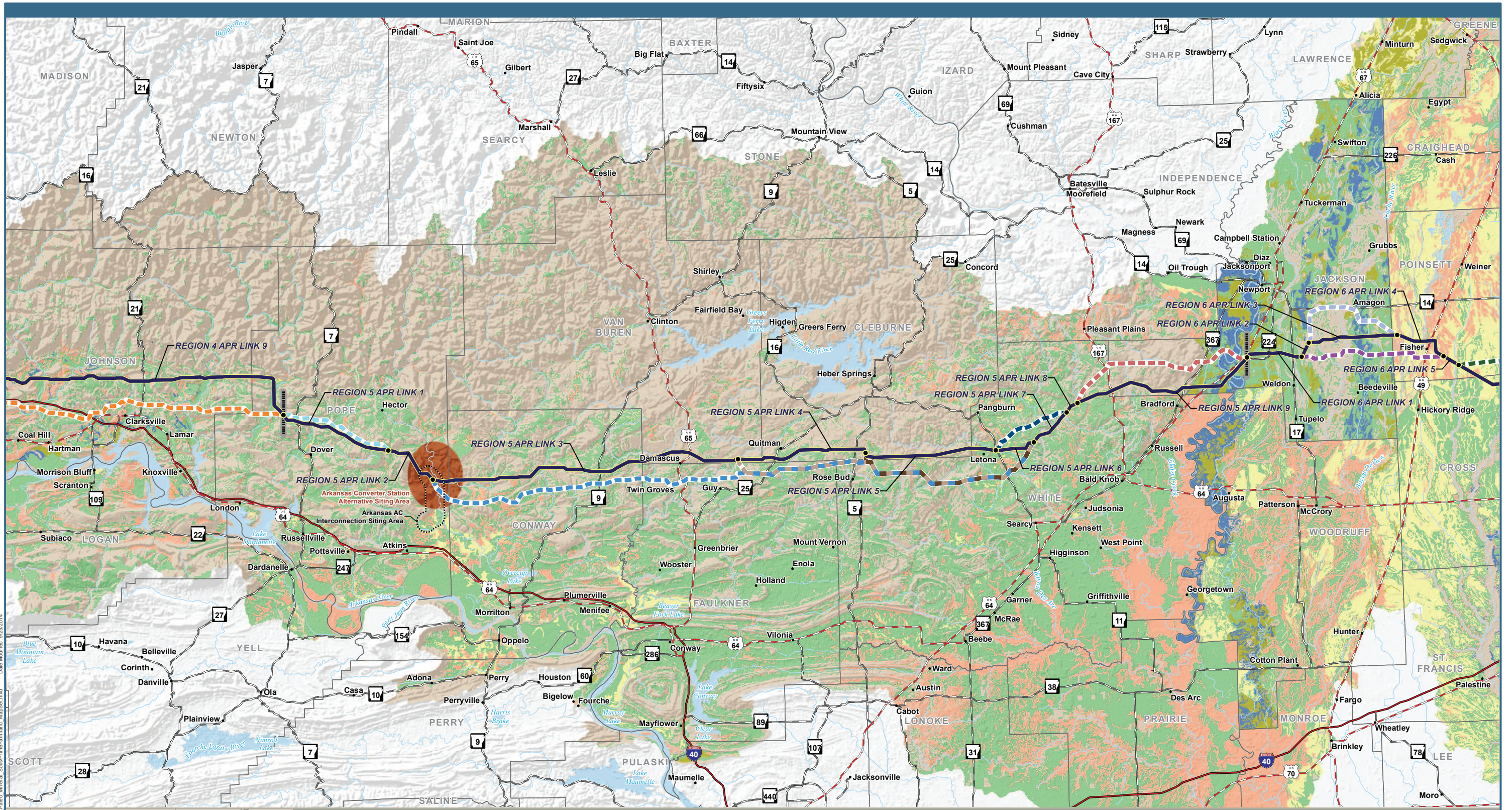
Prime Farmland

- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- All areas are prime farmland
- Farmland of statewide importance
- Prime farmland if drained
- Not prime farmland

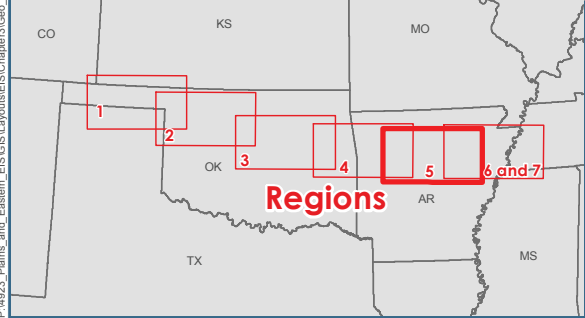
Plains & Eastern EIS

Data Sources: Prime Farmland (NRCS 2013)*
 *NRCS soil surveys (typically one per county) are mapped independently, and soil scientists that map the survey areas can sometimes apply the available soil categories differently. For example, two soil mapping units on either side of a county boundary may be mapped with slightly different prime farmland categories. Such variations are not expected to be significant in terms of the overall analysis.

Figure 3.6-7d: Prime Farmland in Region 4



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Plains & Eastern EIS

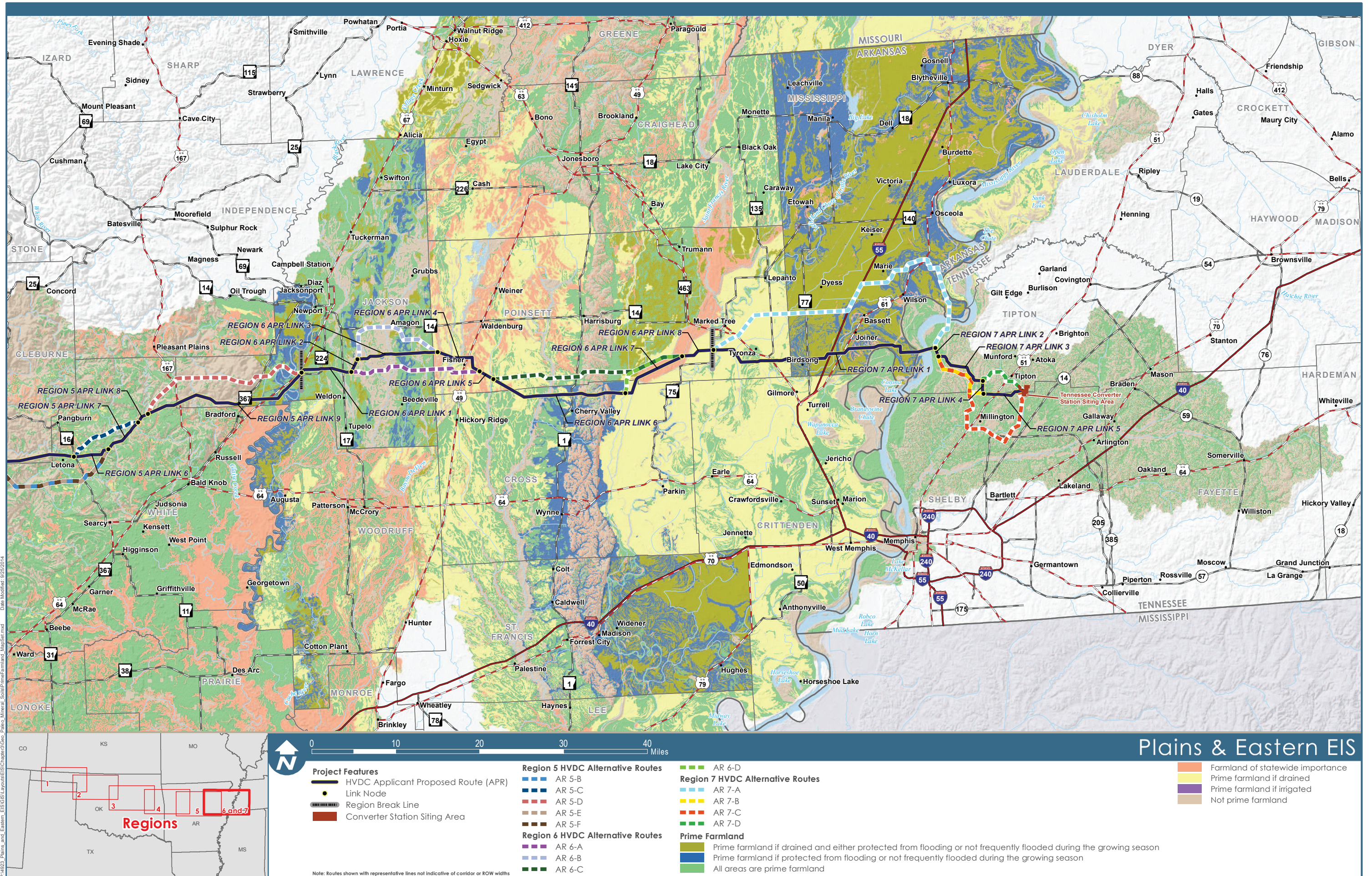
Not prime farmland

<p>Project Features</p> <ul style="list-style-type: none"> HVDC Applicant Proposed Route (APR) Link Node 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>Prime Farmland</p> <ul style="list-style-type: none"> Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season Prime farmland if protected from flooding or not frequently flooded during the growing season All areas are prime farmland Farmland of statewide importance Prime farmland if drained 	
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Note: Routes shown with representative lines not indicative of corridor or ROW widths

Data Sources: Prime Farmland (NRCS 2013)*
 *NRCS soil surveys (typically one per county) are mapped independently, and soil scientists that map the survey areas can sometimes apply the available soil categories differently. For example, two soil mapping units on either side of a county boundary may be mapped with slightly different prime farmland categories. Such variations are not expected to be significant in terms of the overall analysis.

Figure 3.6-7e: Prime Farmland in Region 5

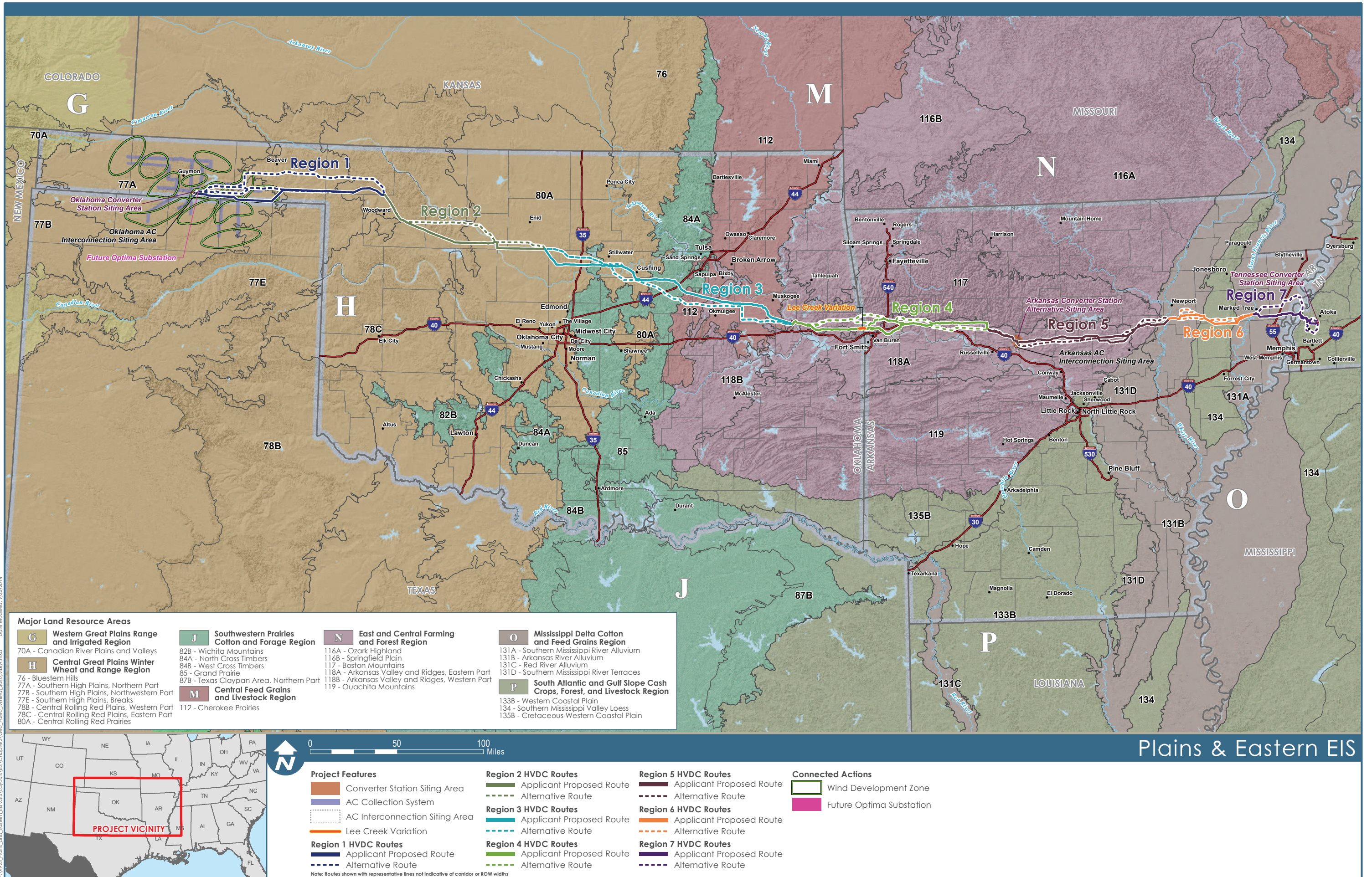


Plains & Eastern EIS

<p>Project Features</p> <ul style="list-style-type: none"> HVDC Applicant Proposed Route (APR) Link Node 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>Prime Farmland</p> <ul style="list-style-type: none"> Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season Prime farmland if protected from flooding or not frequently flooded during the growing season All areas are prime farmland 	<ul style="list-style-type: none"> Farmland of statewide importance Prime farmland if drained Prime farmland if irrigated Not prime farmland
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Data Sources: Prime Farmland (NRCS 2013)*
 *NRCS soil surveys (typically one per county) are mapped independently, and soil scientists that map the survey areas can sometimes apply the available soil categories differently. For example, two soil mapping units on either side of a county boundary may be mapped with slightly different prime farmland categories. Such variations are not expected to be significant in terms of the overall analysis.

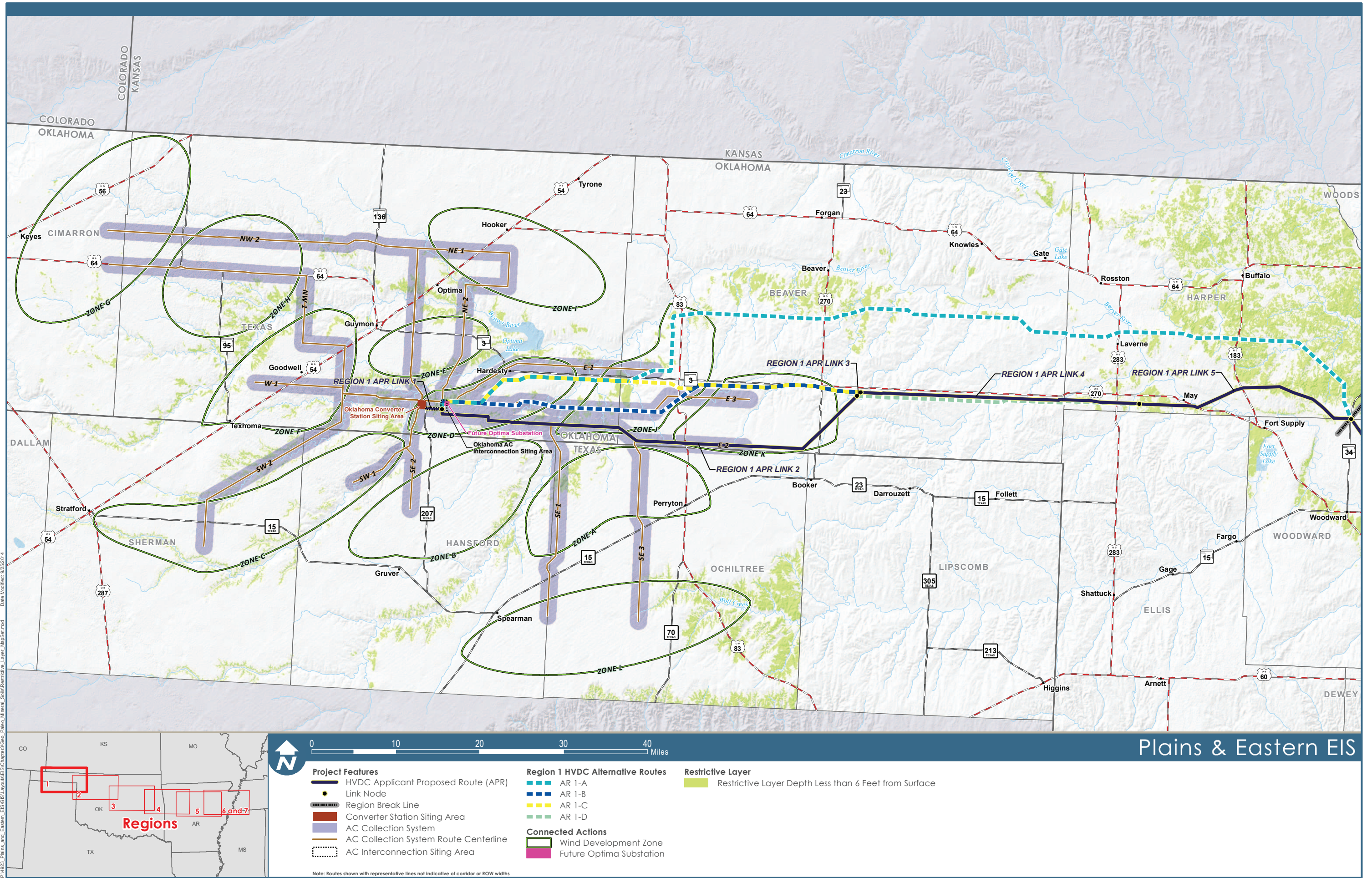
Figure 3.6-7f: Prime Farmland in Regions 6 & 7



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Data Sources: Major Land Resource Areas (NRCS 2006)

Figure 3.6-8: Major Land Resource Areas



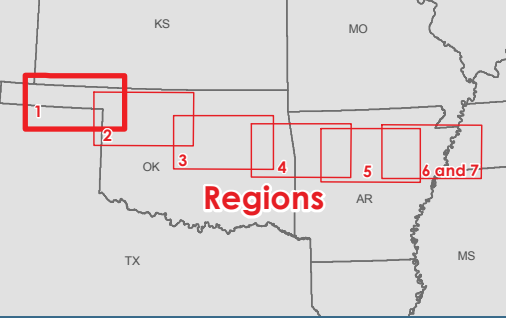
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 Date Modified: 9/25/2014

Plains & Eastern EIS



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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Project Features</p> <ul style="list-style-type: none"> HVDC Applicant Proposed Route (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>Restrictive Layer</p> <ul style="list-style-type: none"> Restrictive Layer Depth Less than 6 Feet from Surface |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

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



Data Sources: Restrictive Layer (NRCS 2013)

Figure 3.6-9a: Restrictive Layer Depth in Region 1

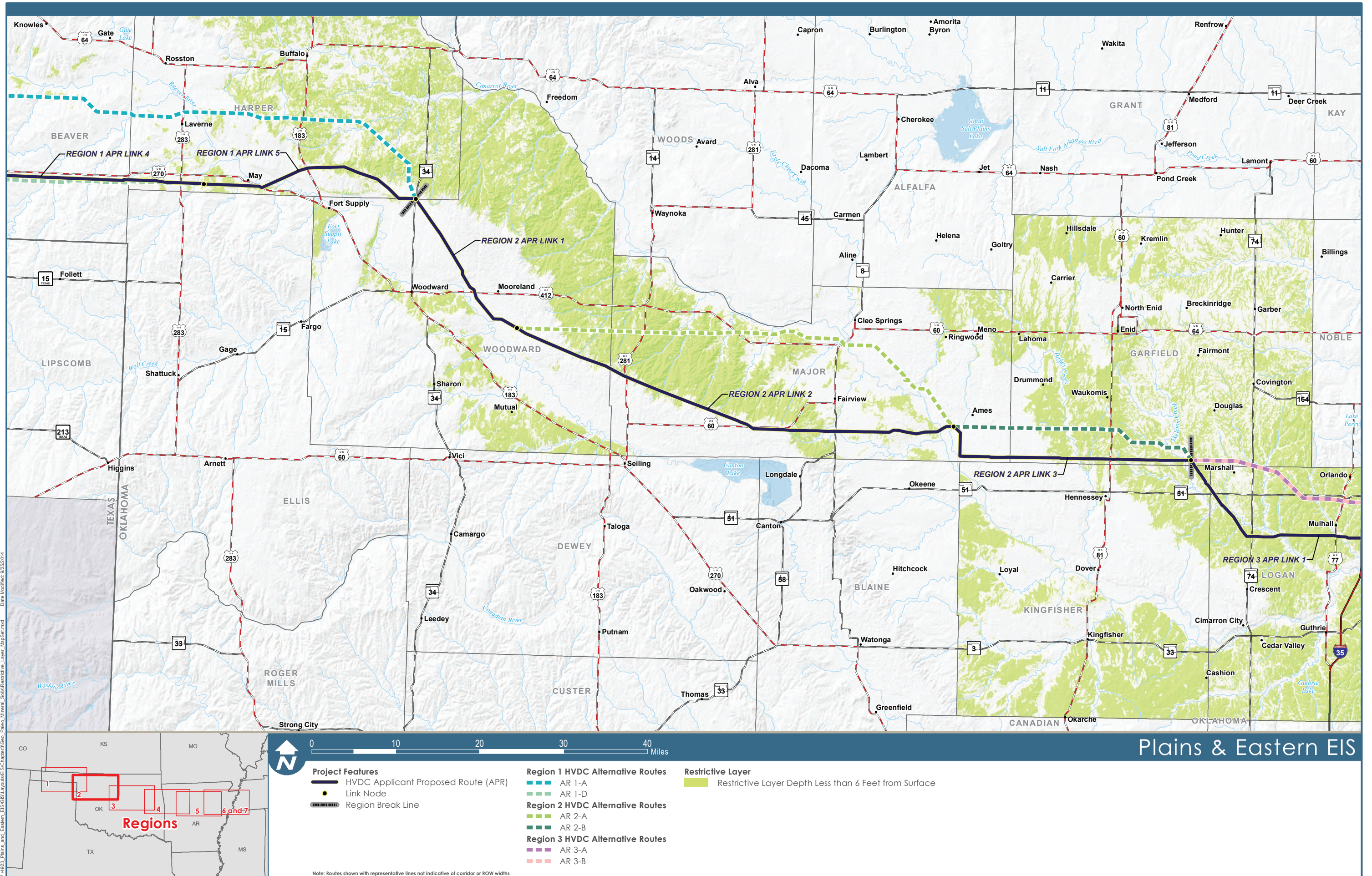
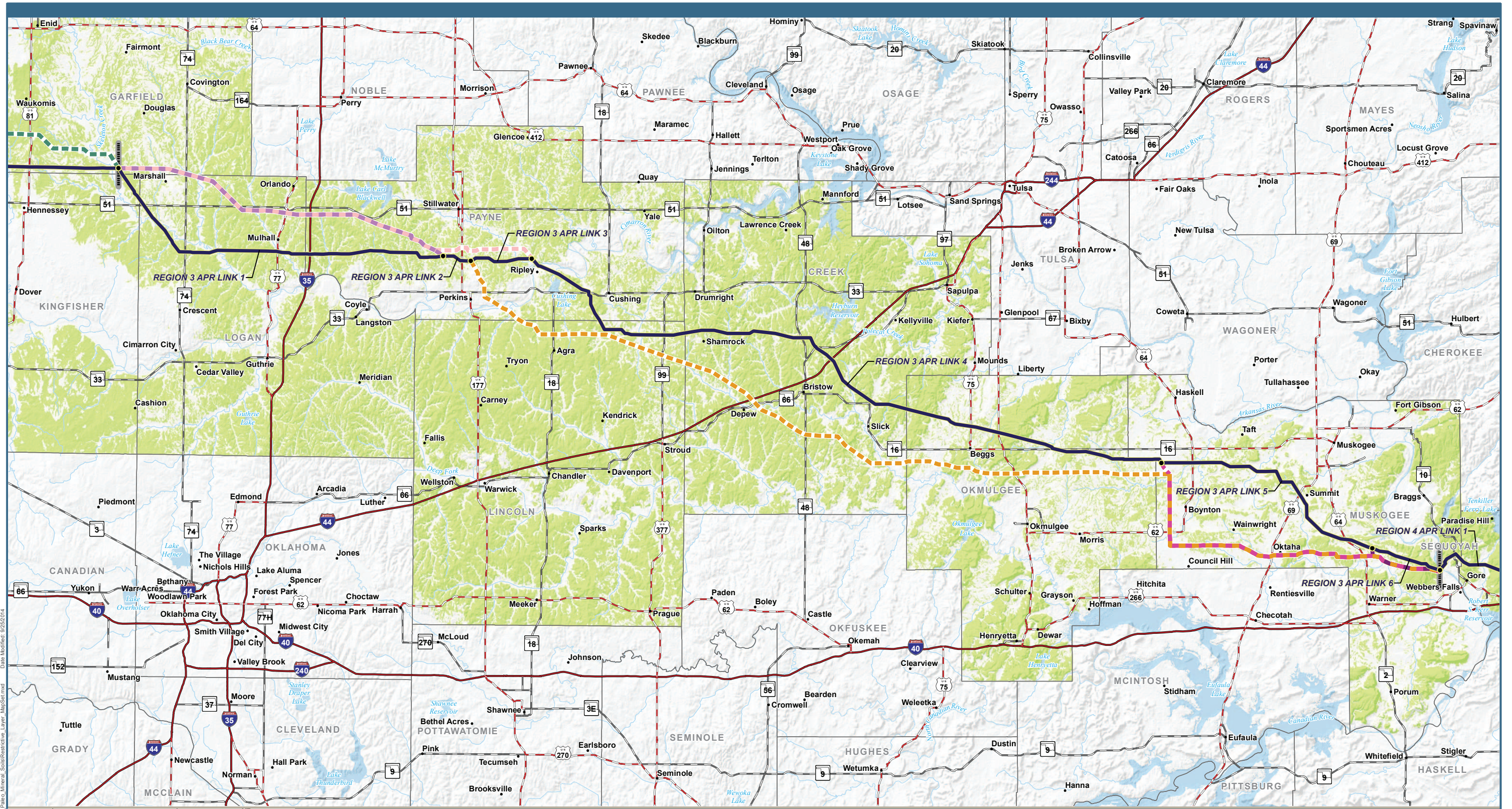
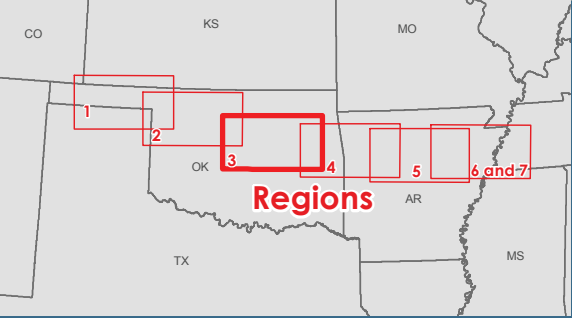


Figure 3.6-9b: Restrictive Layer Depth in Region 2



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 Date Modified: 9/25/2014



- Project Features**
- HVDC Applicant Proposed Route (APR)
 - Link Node
 - 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

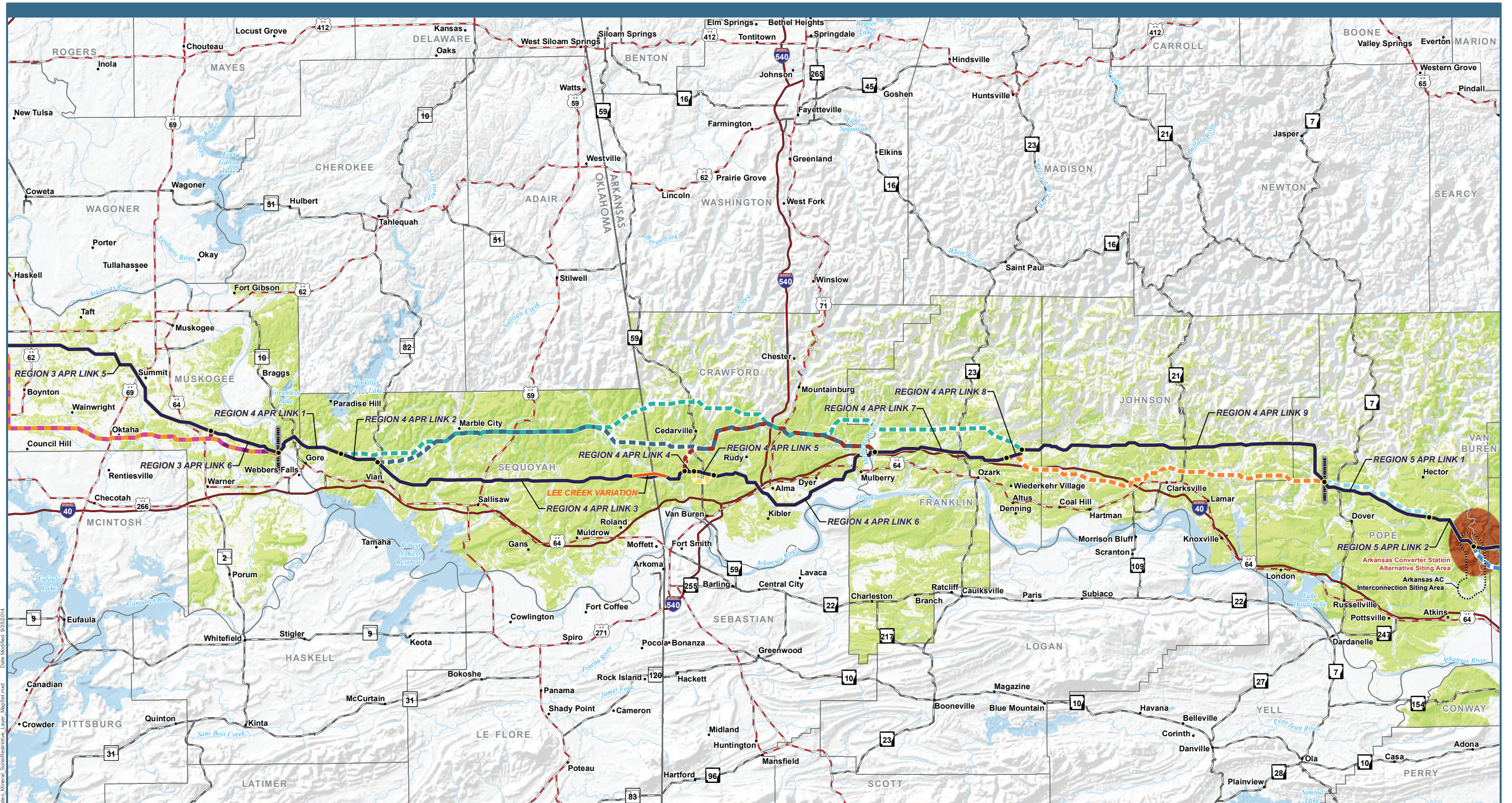
- Restrictive Layer**
- Restrictive Layer Depth Less than 6 Feet from Surface

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

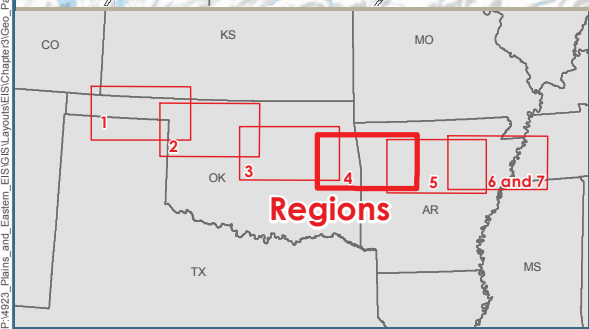
Plains & Eastern EIS

Data Sources: Restrictive Layer (NRCS 2013)

Figure 3.6-9c: Restrictive Layer Depth in Region 3



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 Date Modified: 9/25/2014



Project Features

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

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

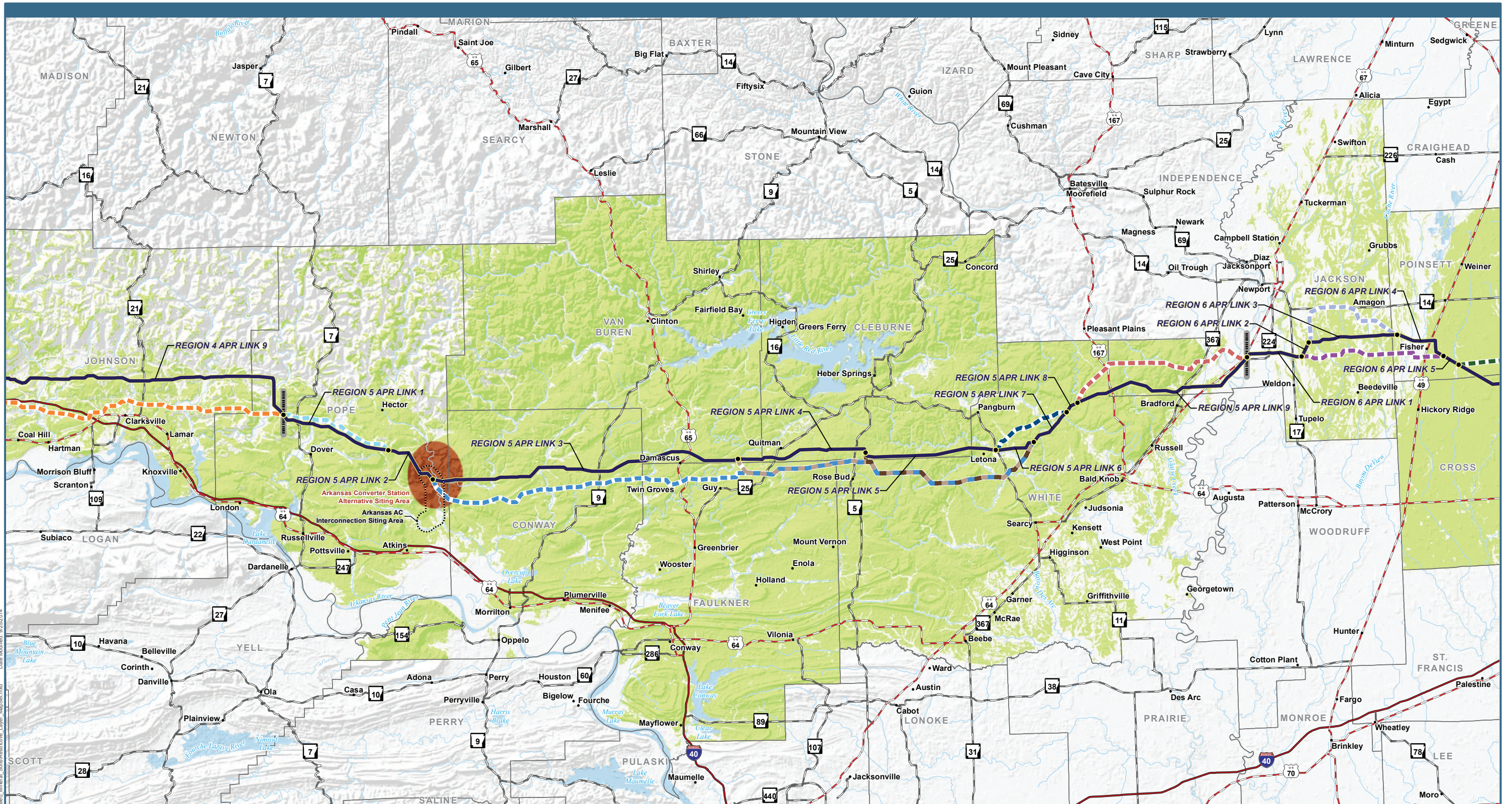
Restrictive Layer

- Restrictive Layer Depth Less than 6 Feet from Surface

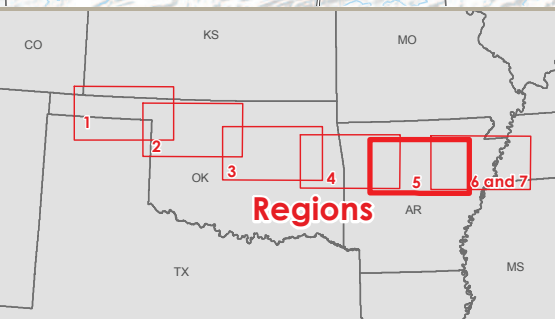
Note: Routes shown with representative lines not indicative of corridor or ROW widths

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Figure 3.6-9d: Restrictive Layer Depth in Region 4



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0 10 20 30 40 Miles

Project Features

- HVDC Applicant Proposed Route (APR)
- Link Node
- 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

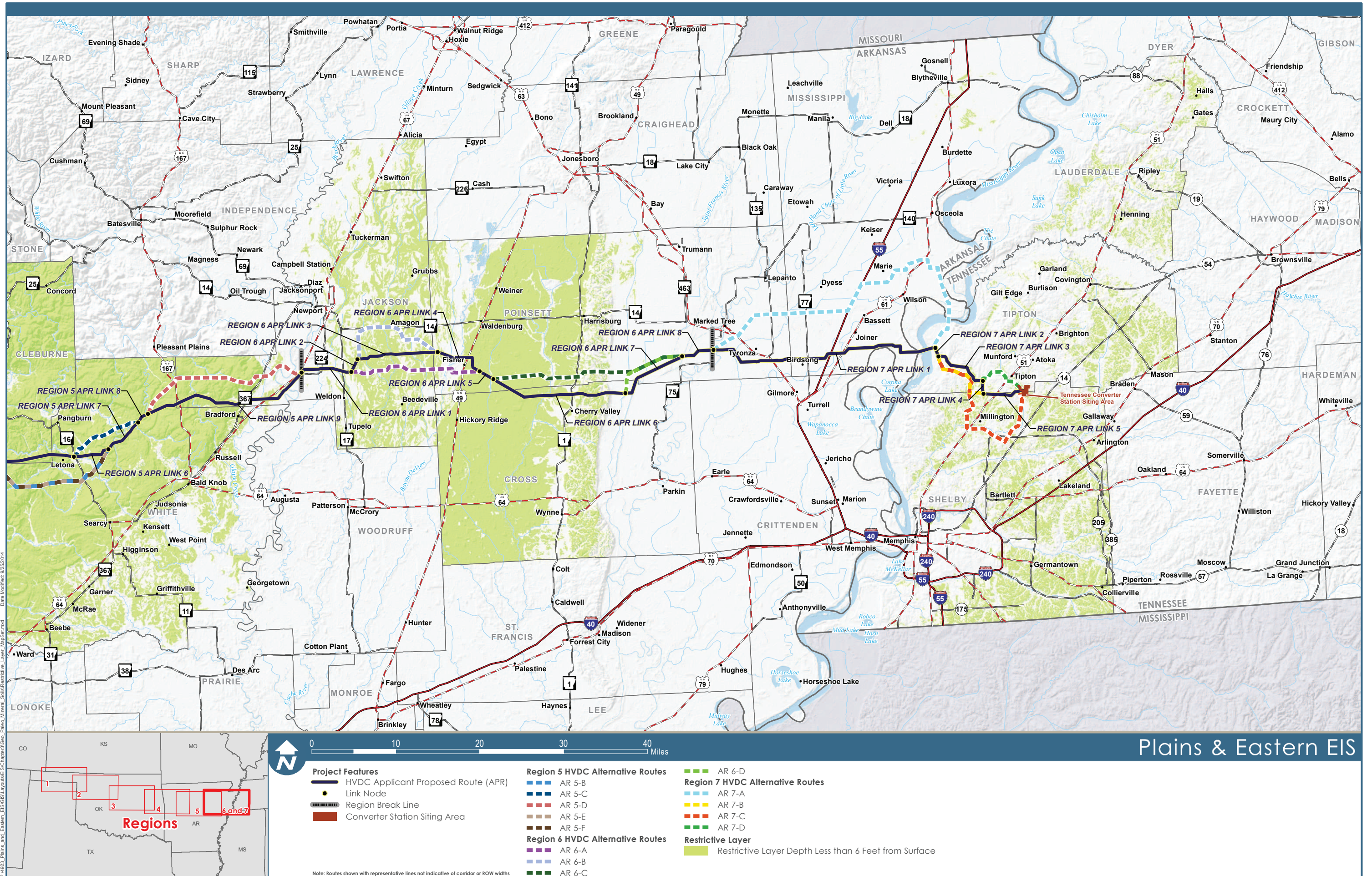
Restrictive Layer

- Restrictive Layer Depth Less than 6 Feet from Surface

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

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Figure 3.6-9e: Restrictive Layer Depth in Region 5



Data Sources: Restrictive Layer (NRCS 2013)

Figure 3.6-9f: Restrictive Layer Depth in Regions 6 & 7