



DOE/EIS-0486

Final

PLAINS & EASTERN CLEAN LINE TRANSMISSION PROJECT ENVIRONMENTAL IMPACT STATEMENT

Volume III of VIII

U.S. DEPARTMENT OF ENERGY

Office of Electricity Delivery and Energy Reliability
Washington, DC

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Appendix A Introduction and Table of Contents

This appendix contains the 11-inch by 17-inch formatted figures referenced in the text of the EIS.

Some of the descriptors of the symbology provided on these figures are provided as acronyms or abbreviations; please reference the List of Acronyms in the Table of Contents.

In some cases multiple project components (e.g., AC collection system routes, HVDC alternative routes, and the Applicant Proposed Route) overlap and may not always be visible on the maps.

Chapter 1

Figures in this chapter provide a detailed look at the location of Project features relative to topography and aerial imagery. The Aerial Imagery maps offer the most detailed look at the location of the proposed Project features by providing a large-scale depiction (i.e., show a small area on the ground at a high level of detail) and include locational information such as roads, waterways, county and municipal boundaries, and township/range/section overlaid on recent aerial imagery.

Figure 1.0-1: Topographic Maps

Figure 1.0-2: Aerial Maps

Chapter 2

Figures in this chapter include maps that provide an overview of the location of proposed Project features, depict the typical arrangement of converter station equipment and illustrate transmission structure types.

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Figure 2.1-2: Proposed Project Overview

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Chapter 3

Chapter 3 figures include maps depicting the spatial data that DOE used to describe the affected environment and identify potential impacts associated with the Project features such as the HVDC Applicant Proposed Route and HVDC alternative routes, converter station siting areas, AC interconnection areas, wind development zones, and the AC collection system.

Data are mapped at varying scales and extents in the Chapter 3, based on the spatial distribution of the data and the appropriate scale to represent the level of accuracy of the data. The extents to which the data is mapped are dependent upon data availability and requirements to adequately depict the affected environment and potential impacts. Data are generally mapped beyond the Region of Influence (ROI) to provide a larger regional context; data mapped beyond the ROI may not be described in Chapter 3.

Figure 3.2-1a through Figure 3.2-1f: Cropland

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Figure 3.5-1a through Figure 3.5-1f: Low-income Populations

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Figure 3.6-2: Seismic Hazards

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Figure 3.17-1a through Figure 3.17-1f: Level III Ecoregions

Figure 3.18-1: Overall Visual Assessment Process

Figure 3.18-2: Visual Resources Inventory Process

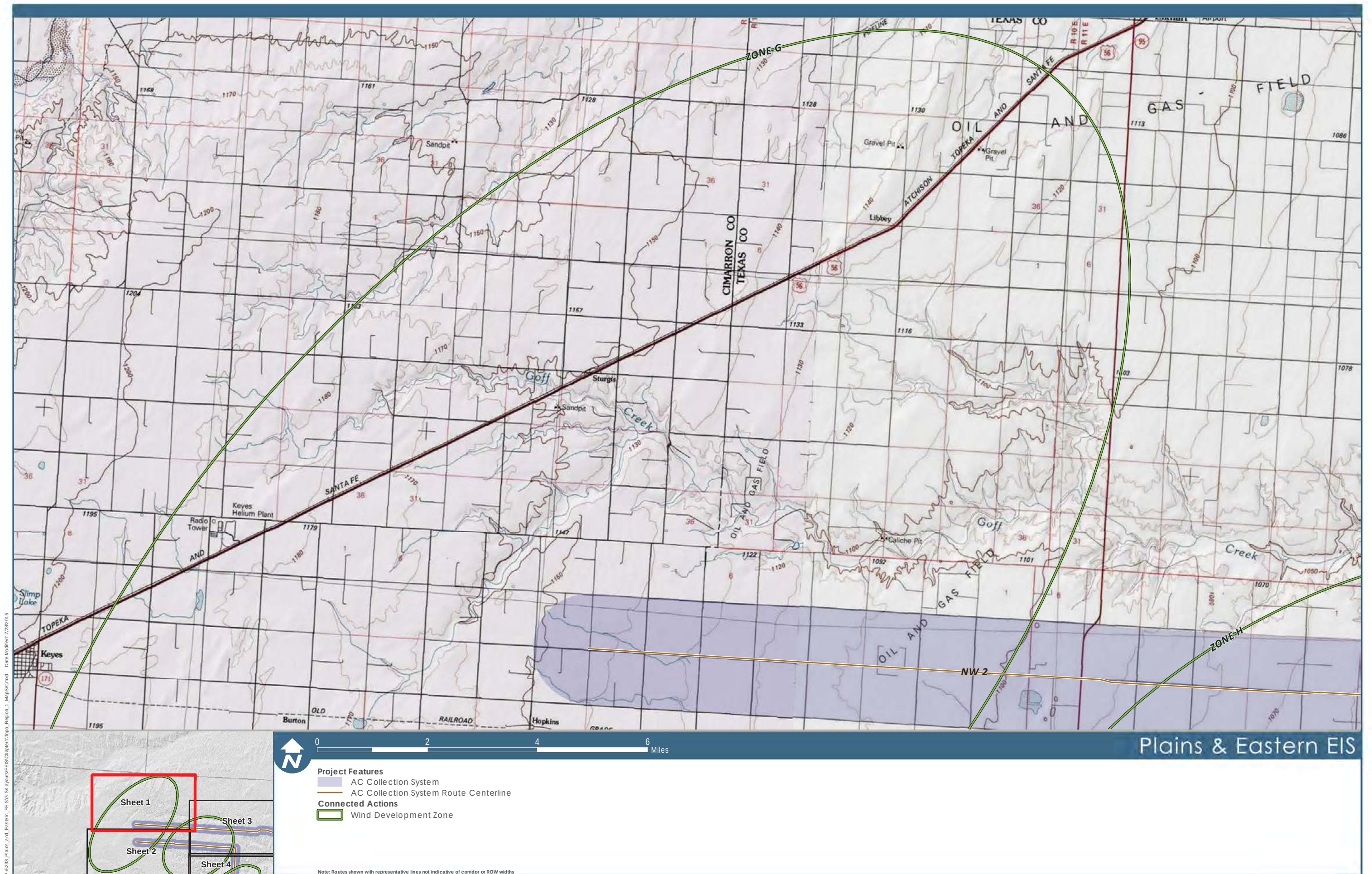
Figure 3.18-3a through Figure 3.18-3f: Landscape Category/Key Observation Points

Figure 3.18-4: Visual Resources Impact Assessment Process

Chapter 4

Chapter 4 figures depict the projects that DOE analyzed for cumulative effects at a scale similar to the Chapter 3 figures.

Figure 4.2-1a through Figure 4.2-1f: Present and Reasonably Foreseeable Future Actions

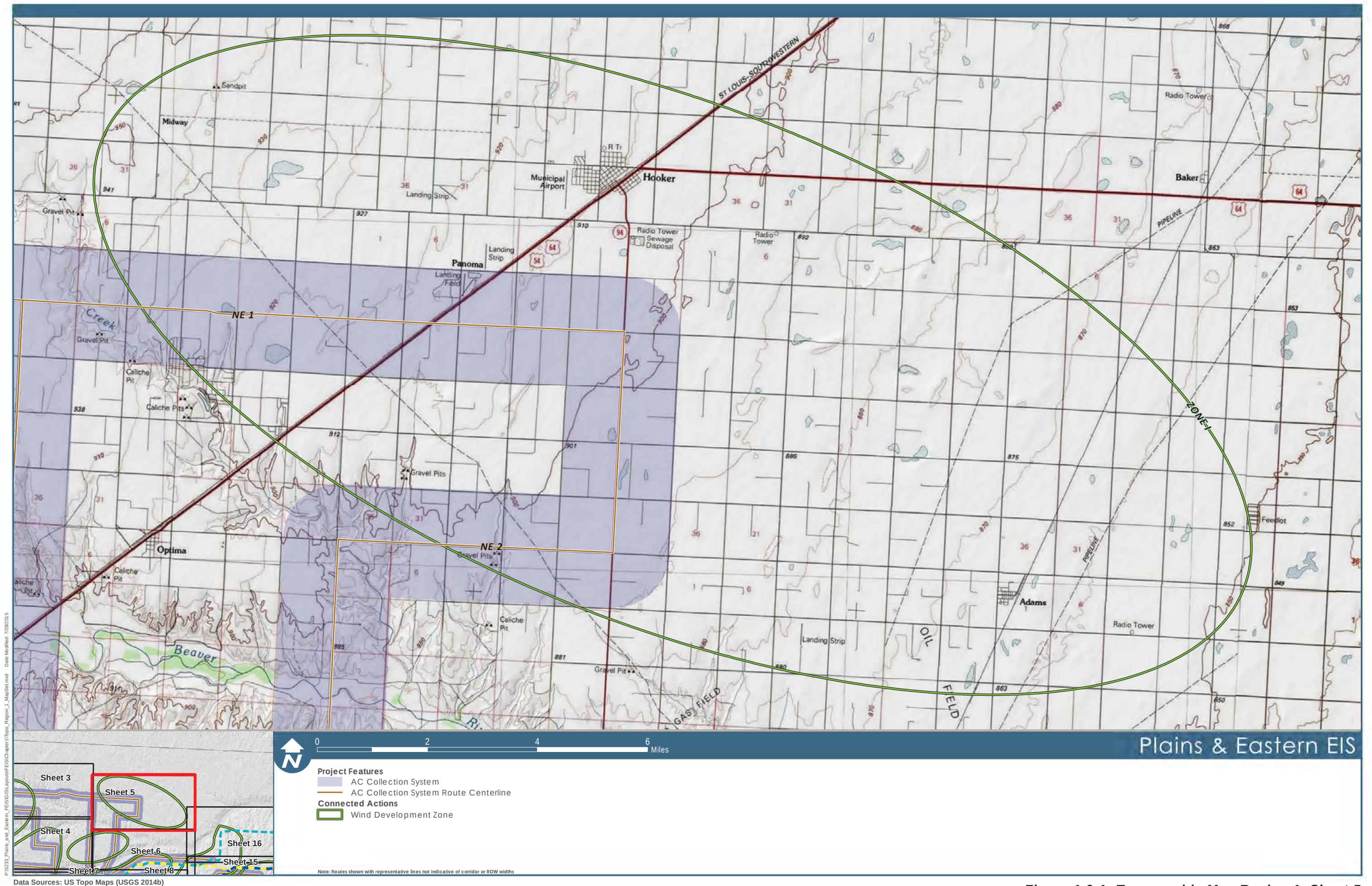


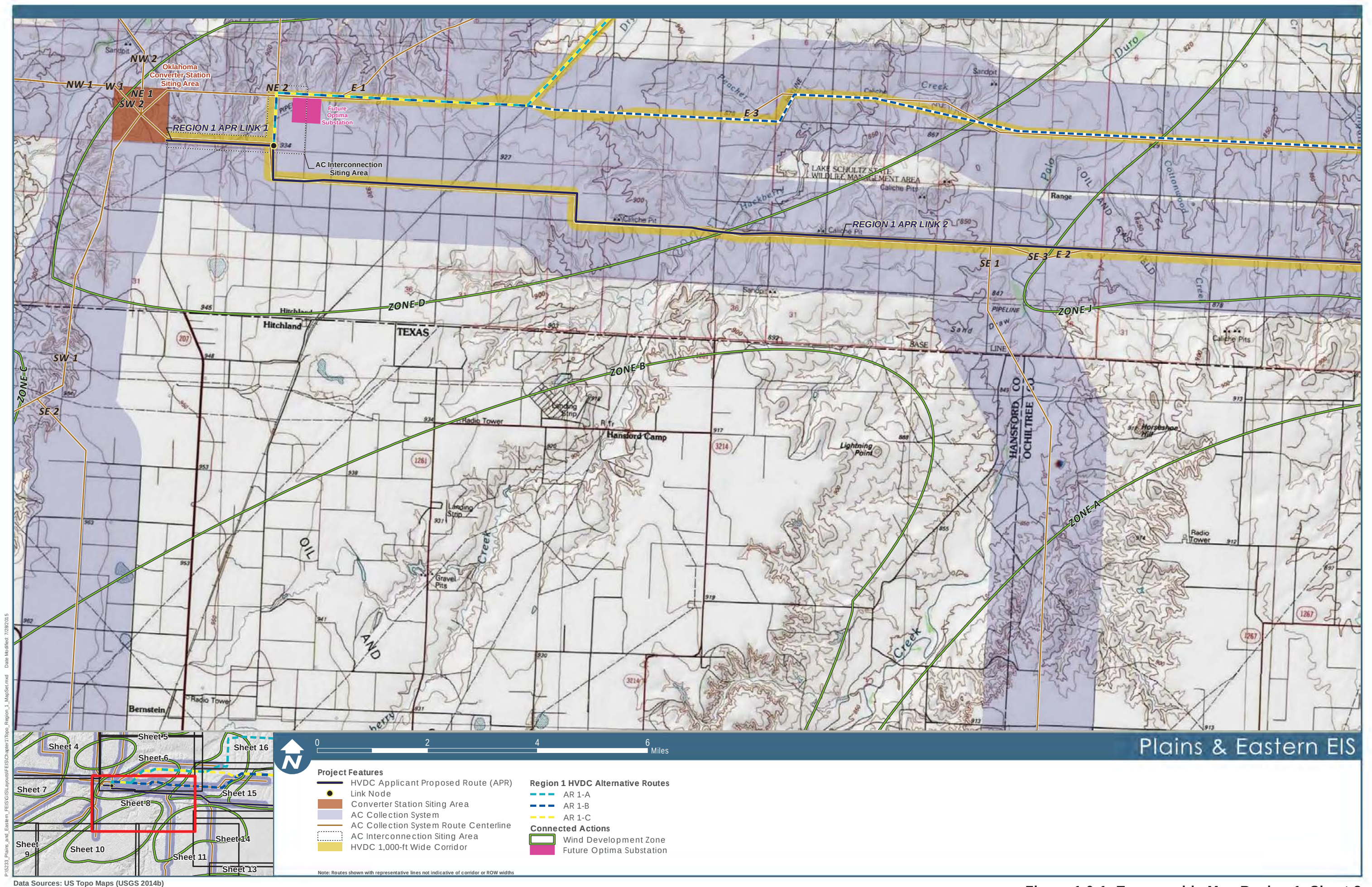
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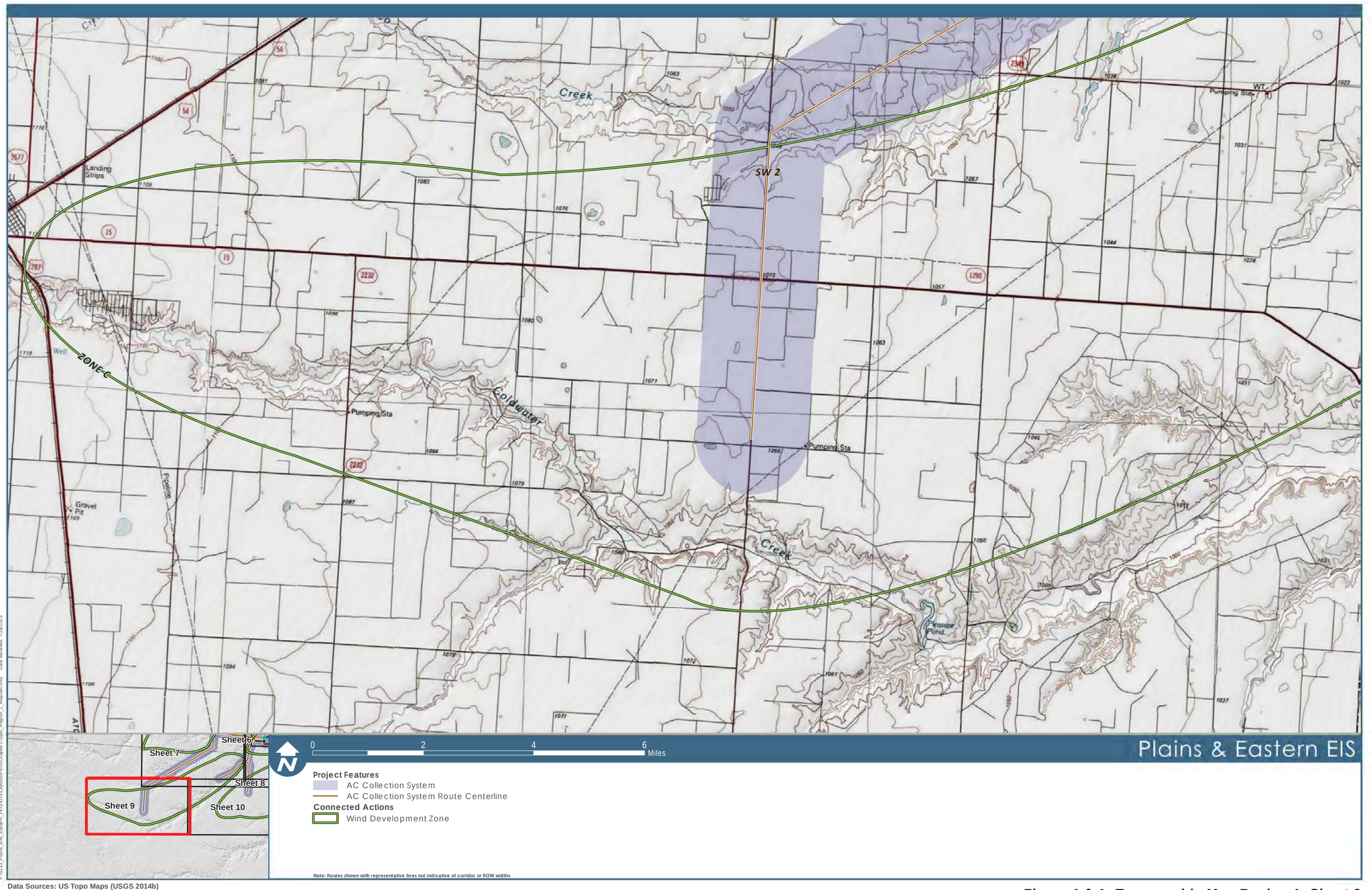
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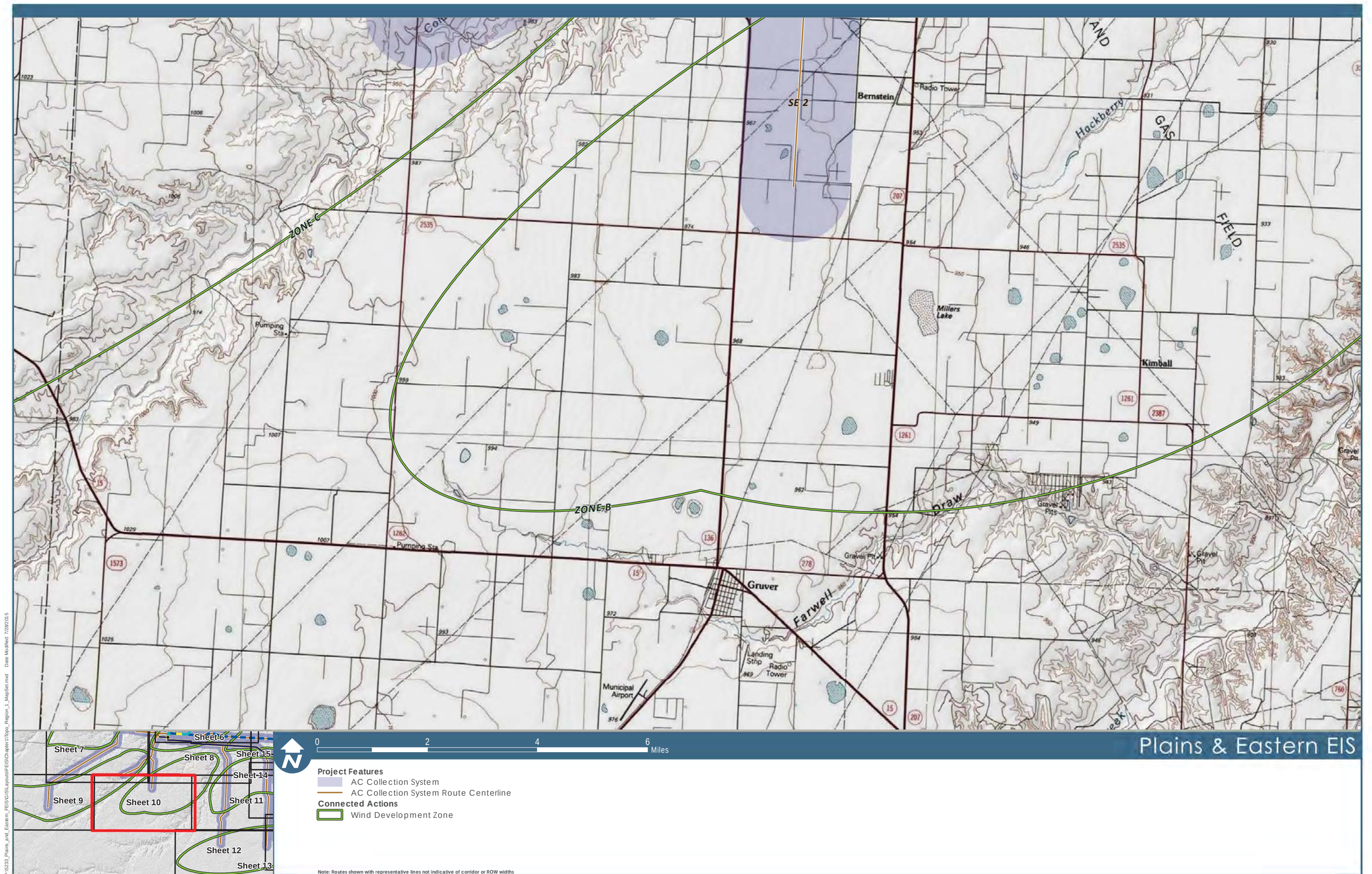
Figure 1.0-1: Topographic Map Region 1, Sheet 1







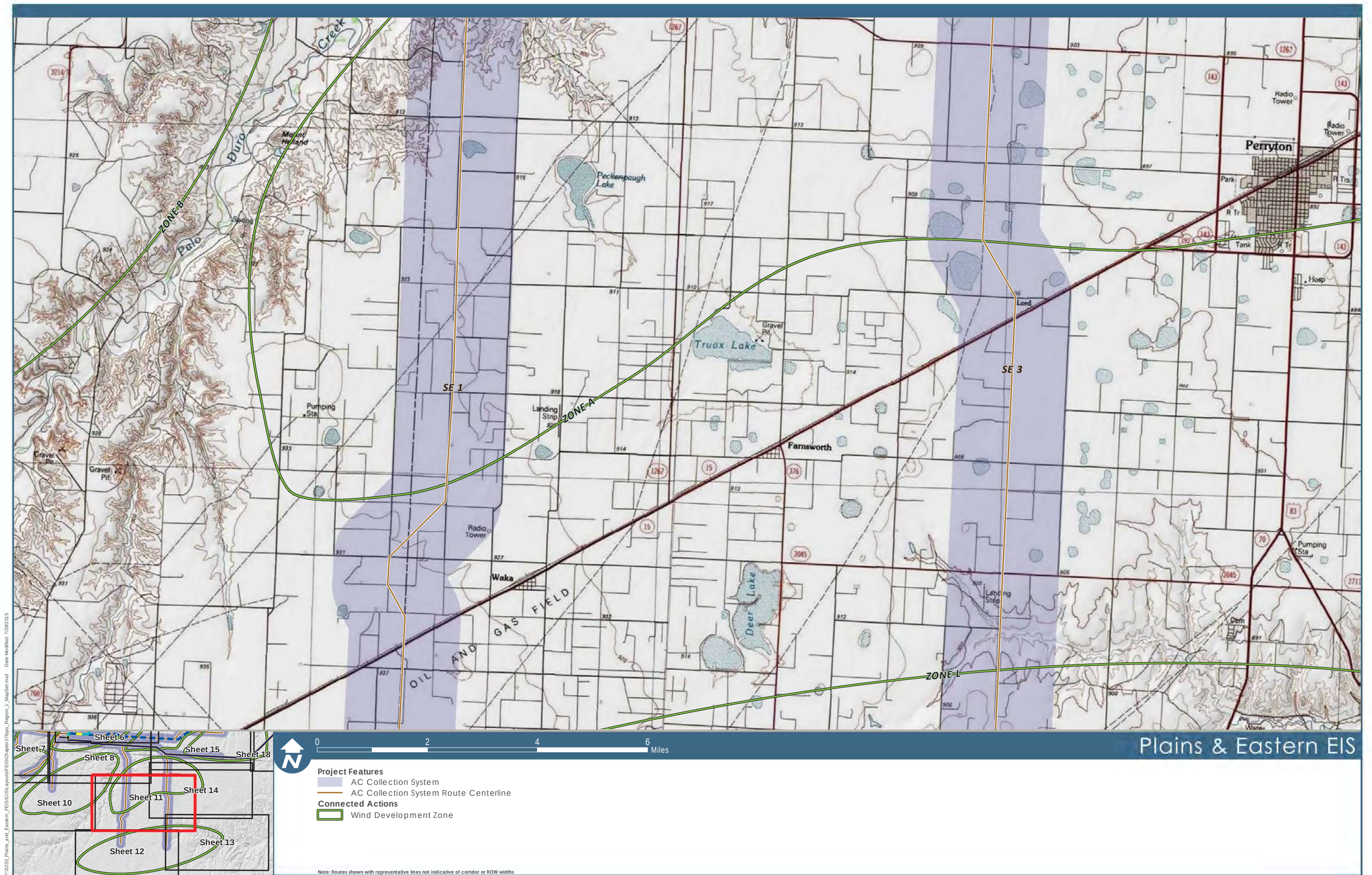




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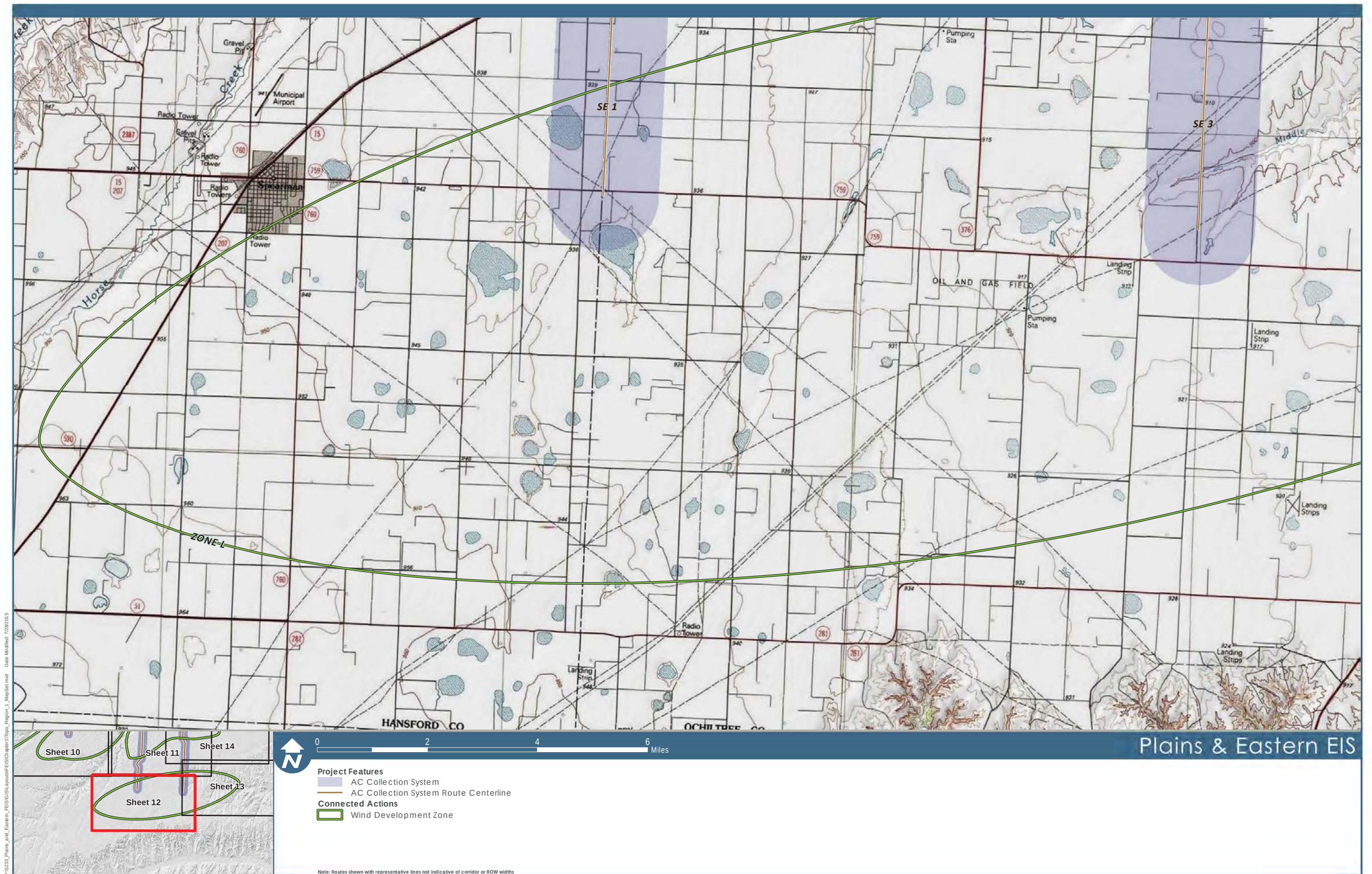
Figure 1.0-1: Topographic Map Region 1, Sheet 10



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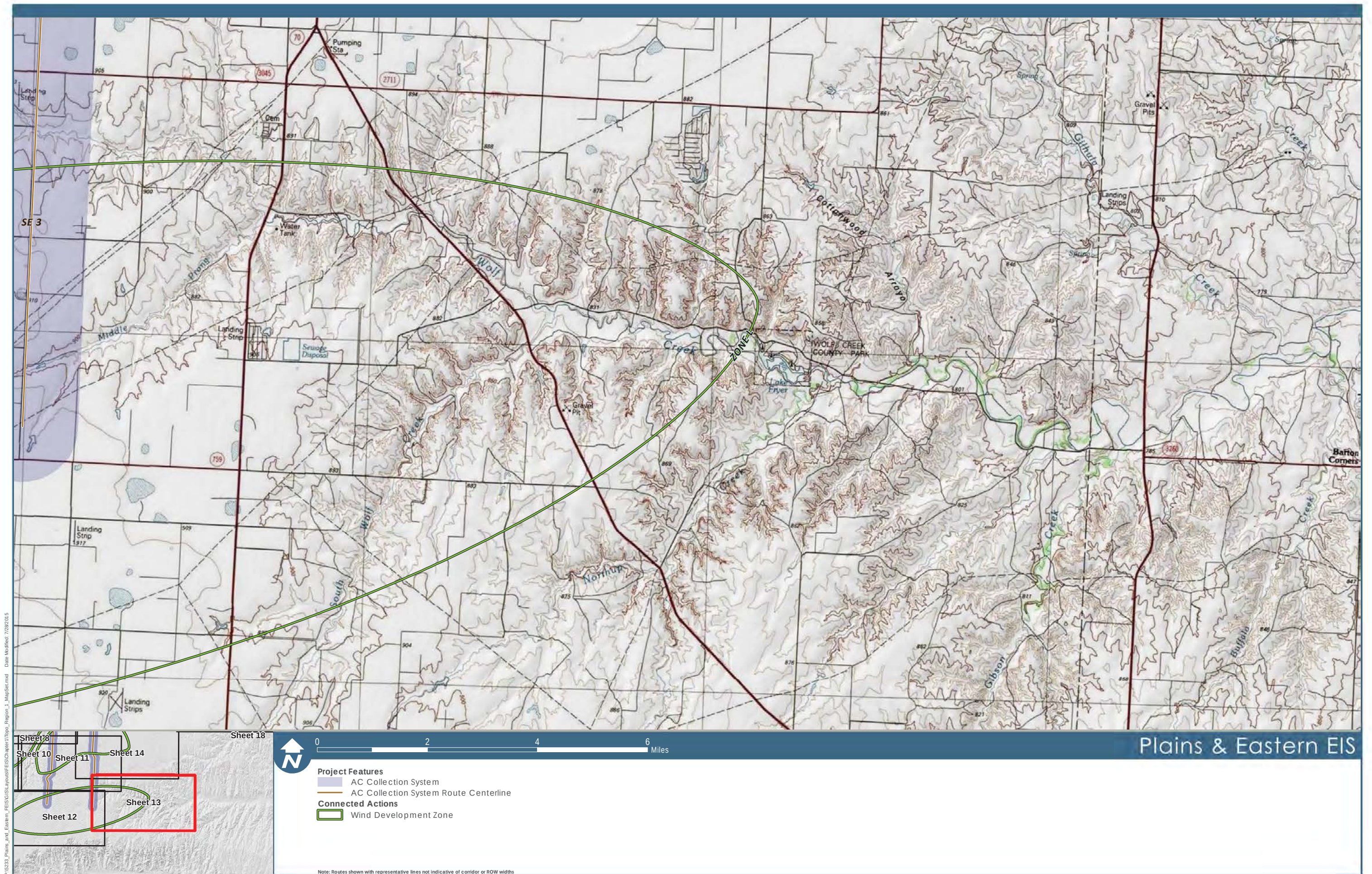
Figure 1.0-1: Topographic Map Region 1, Sheet 11



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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 1, Sheet 12

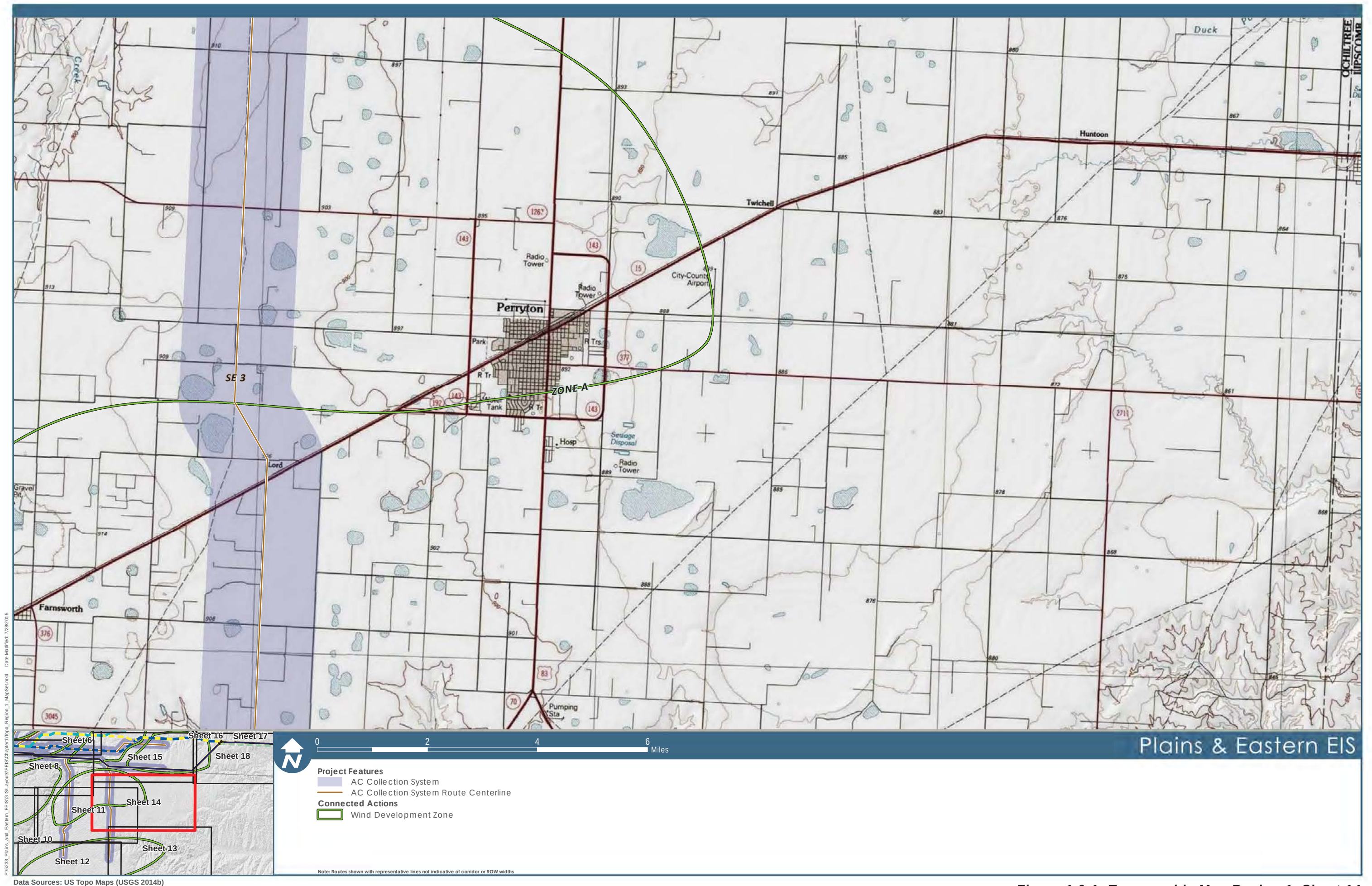


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Data Sources: US Topo Maps (USGS 2014b)

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

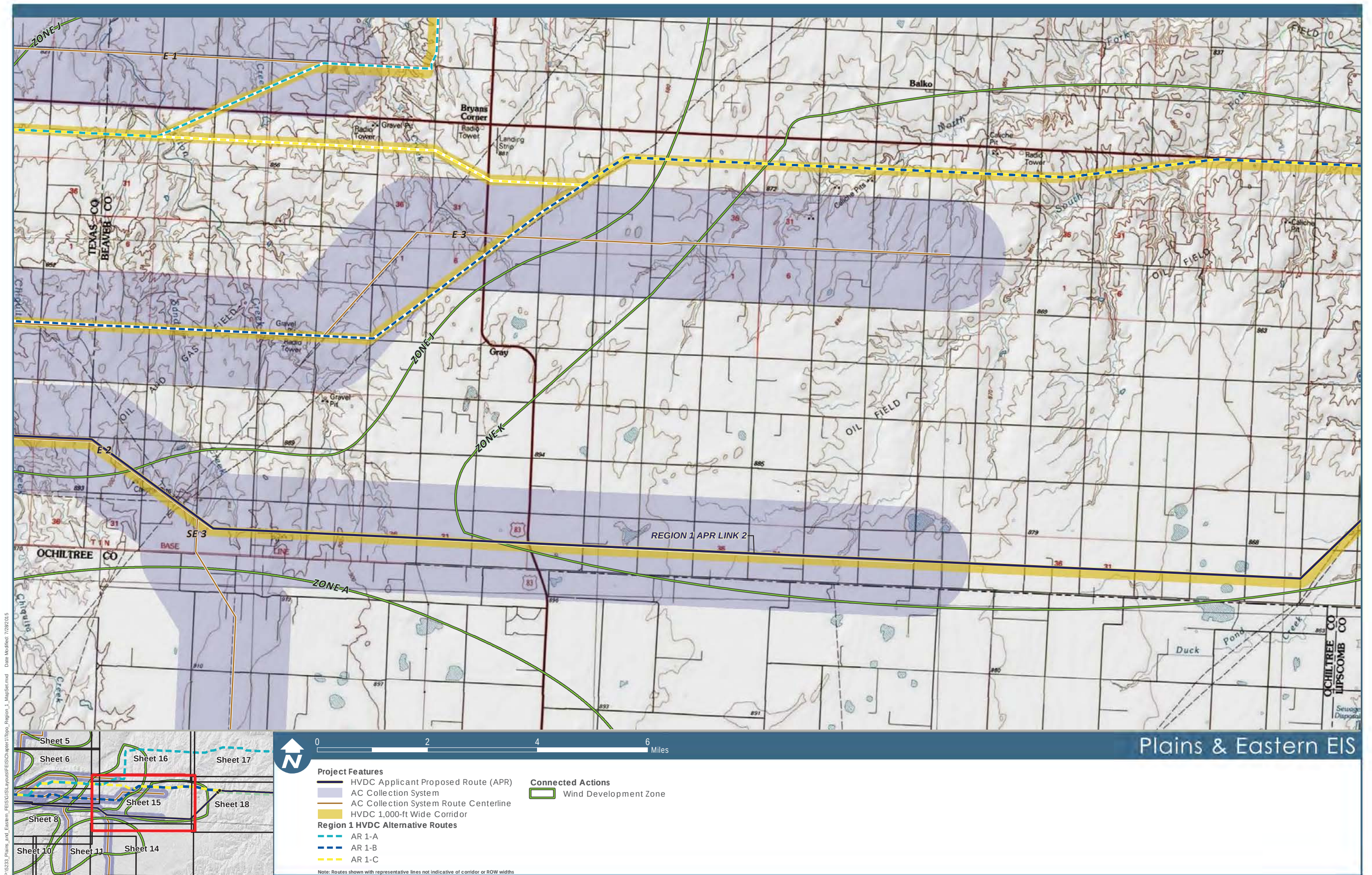
Figure 1.0-1: Topographic Map Region 1, Sheet 13



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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 1, Sheet 14



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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 1, Sheet 15

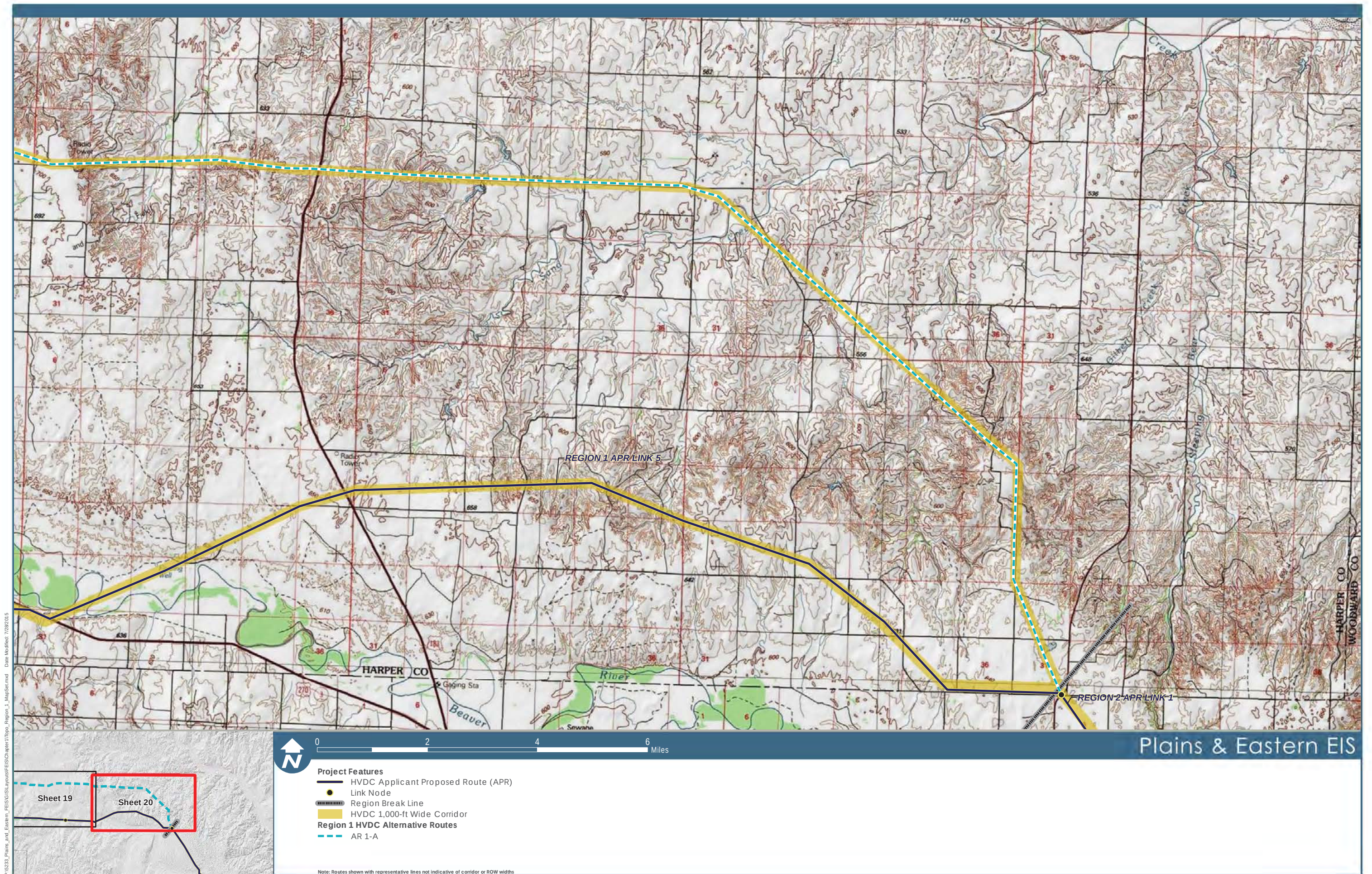


Figure 1.0-1: Topographic Map Region 1, Sheet 20

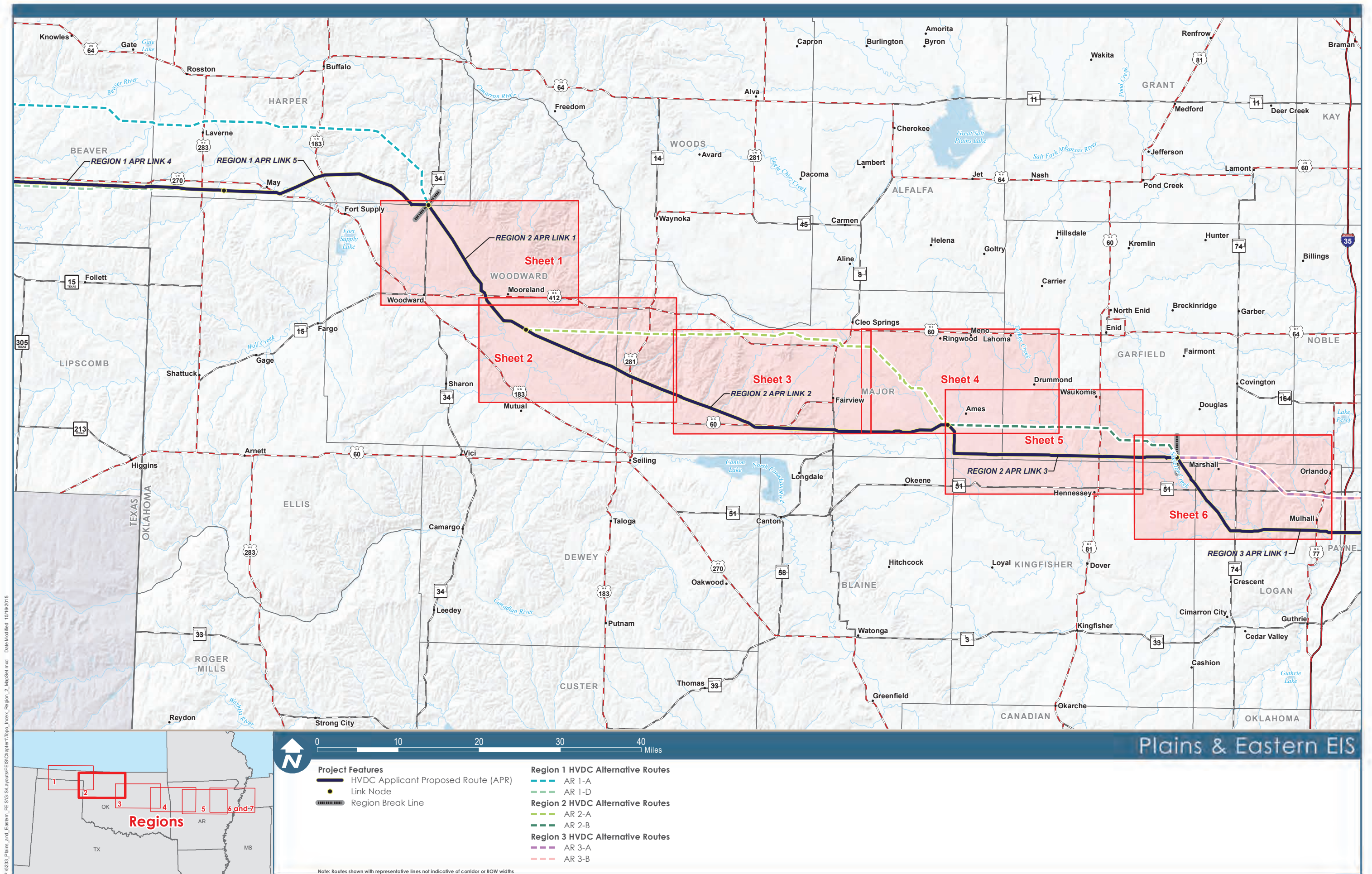
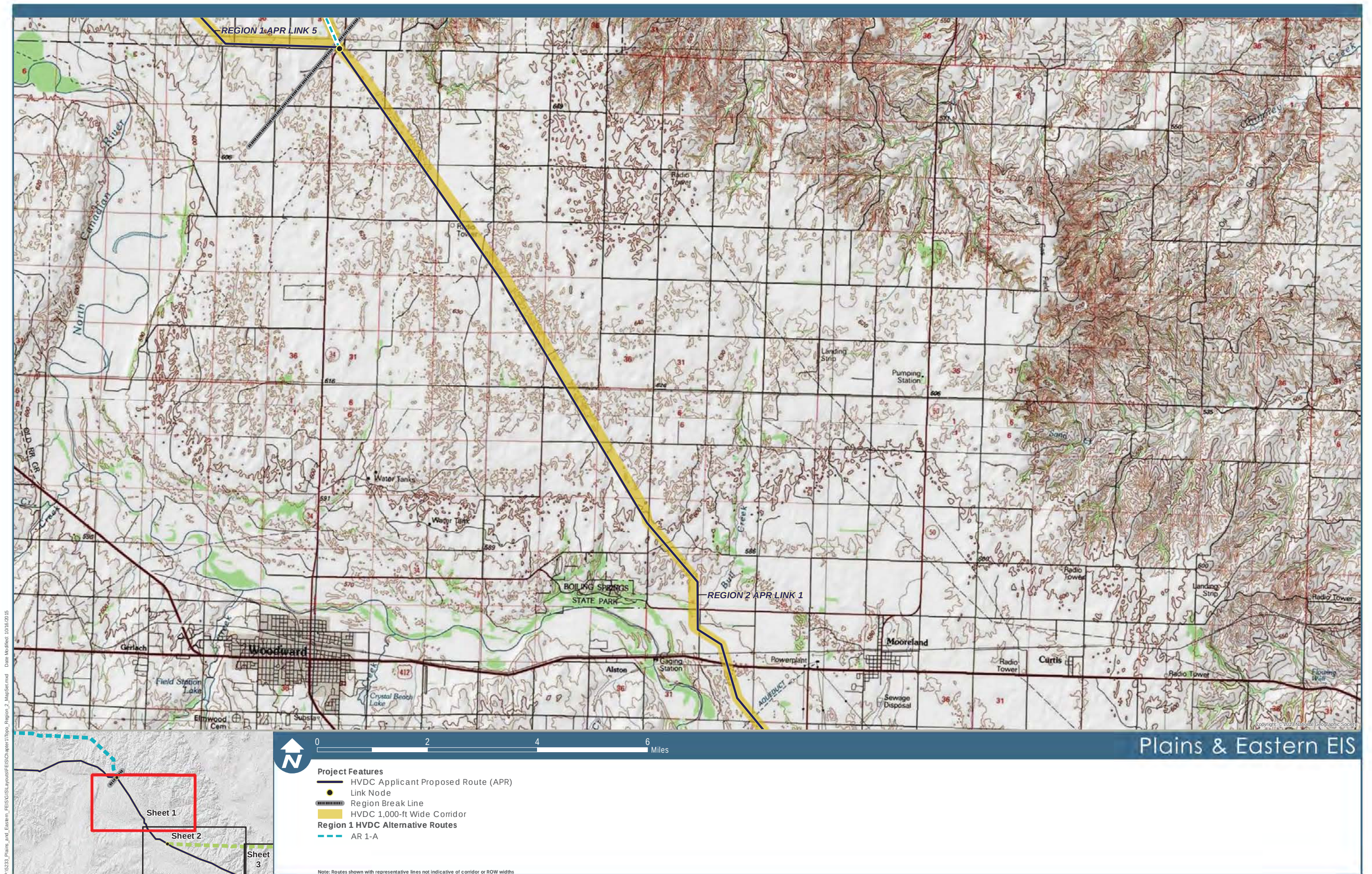


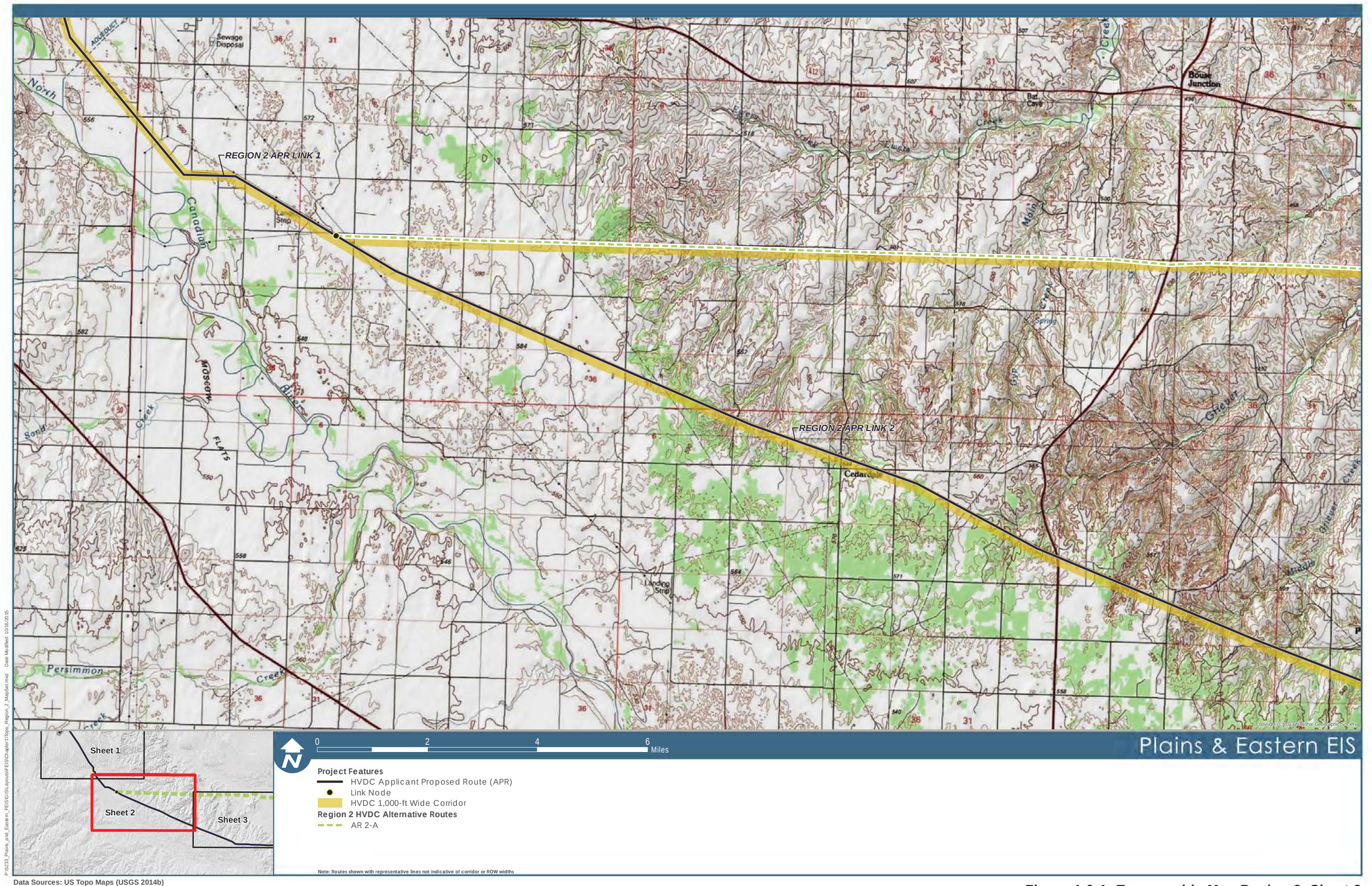
Figure 1.0-1: Topographic Map Index Region 2



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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 2, Sheet 1



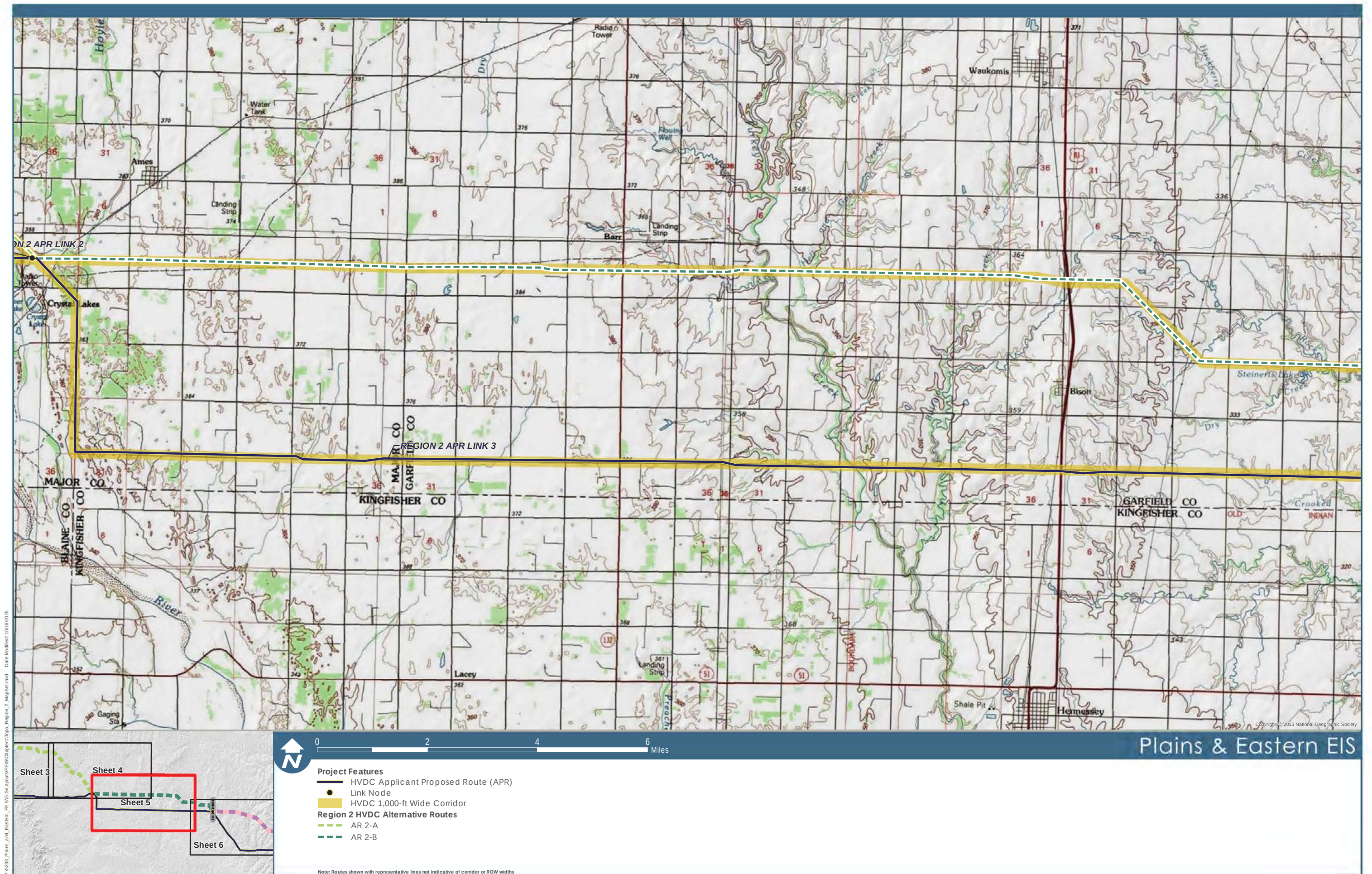


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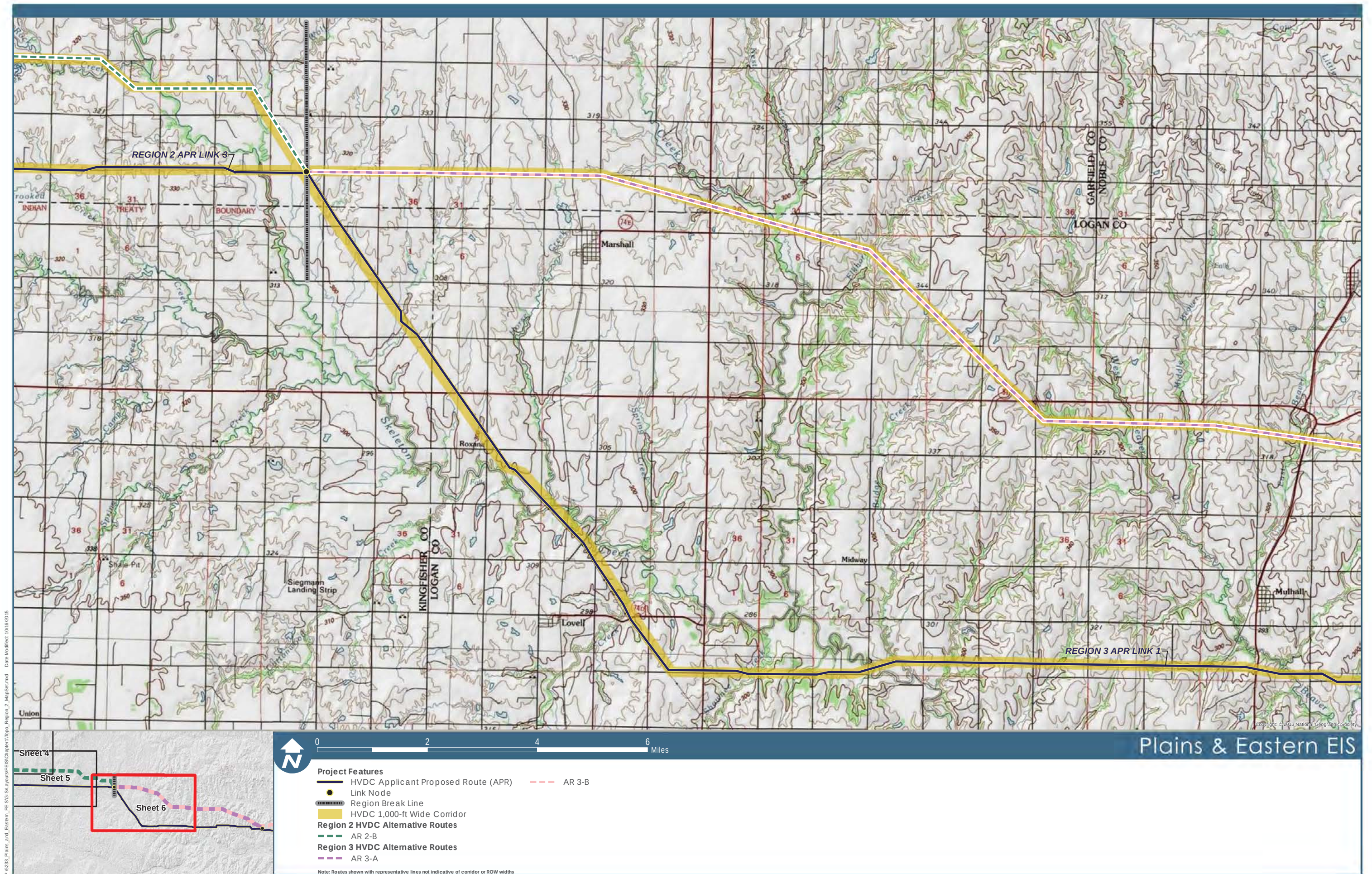


Figure 1.0-1: Topographic Map Region 2, Sheet 6

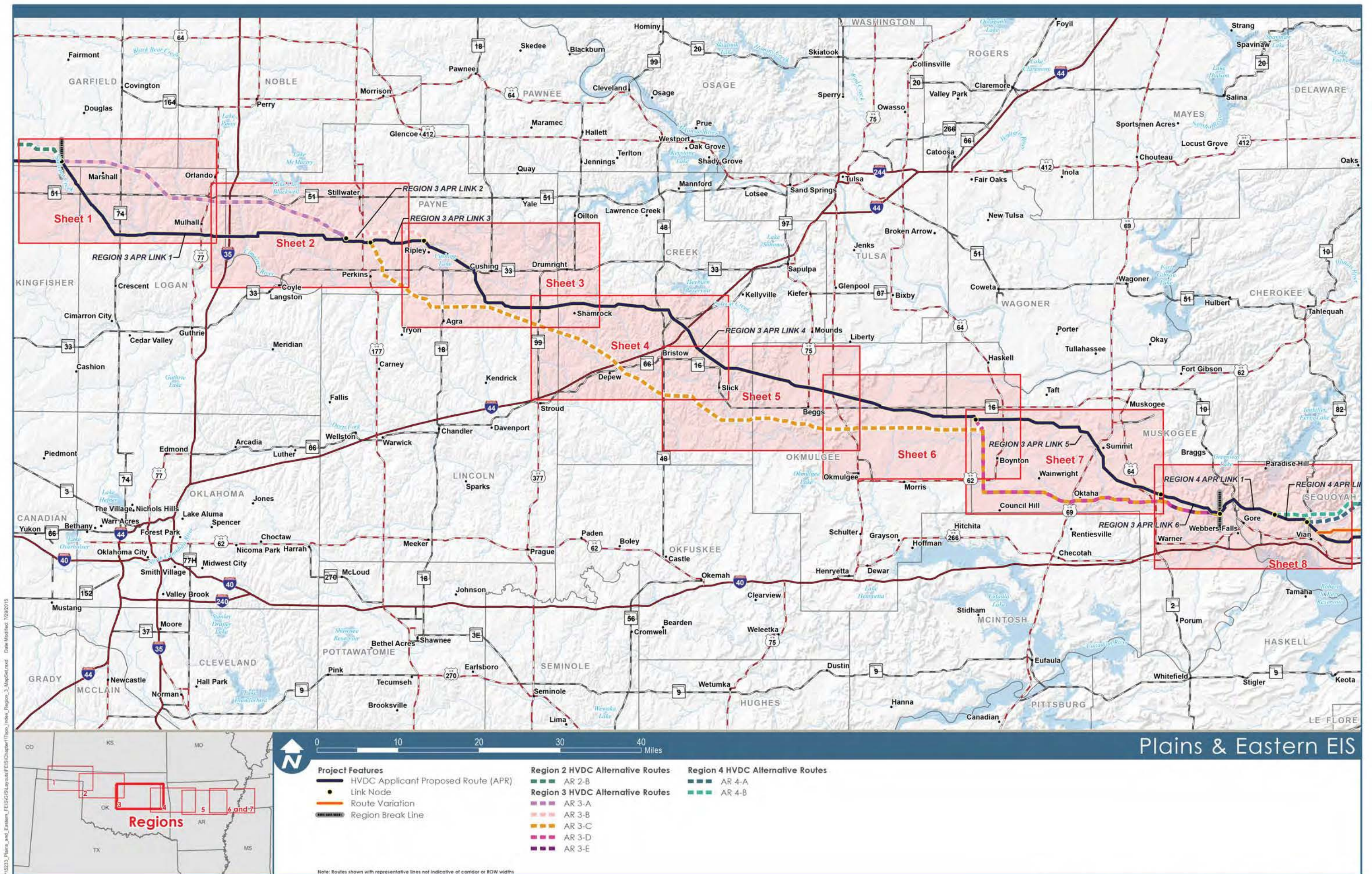
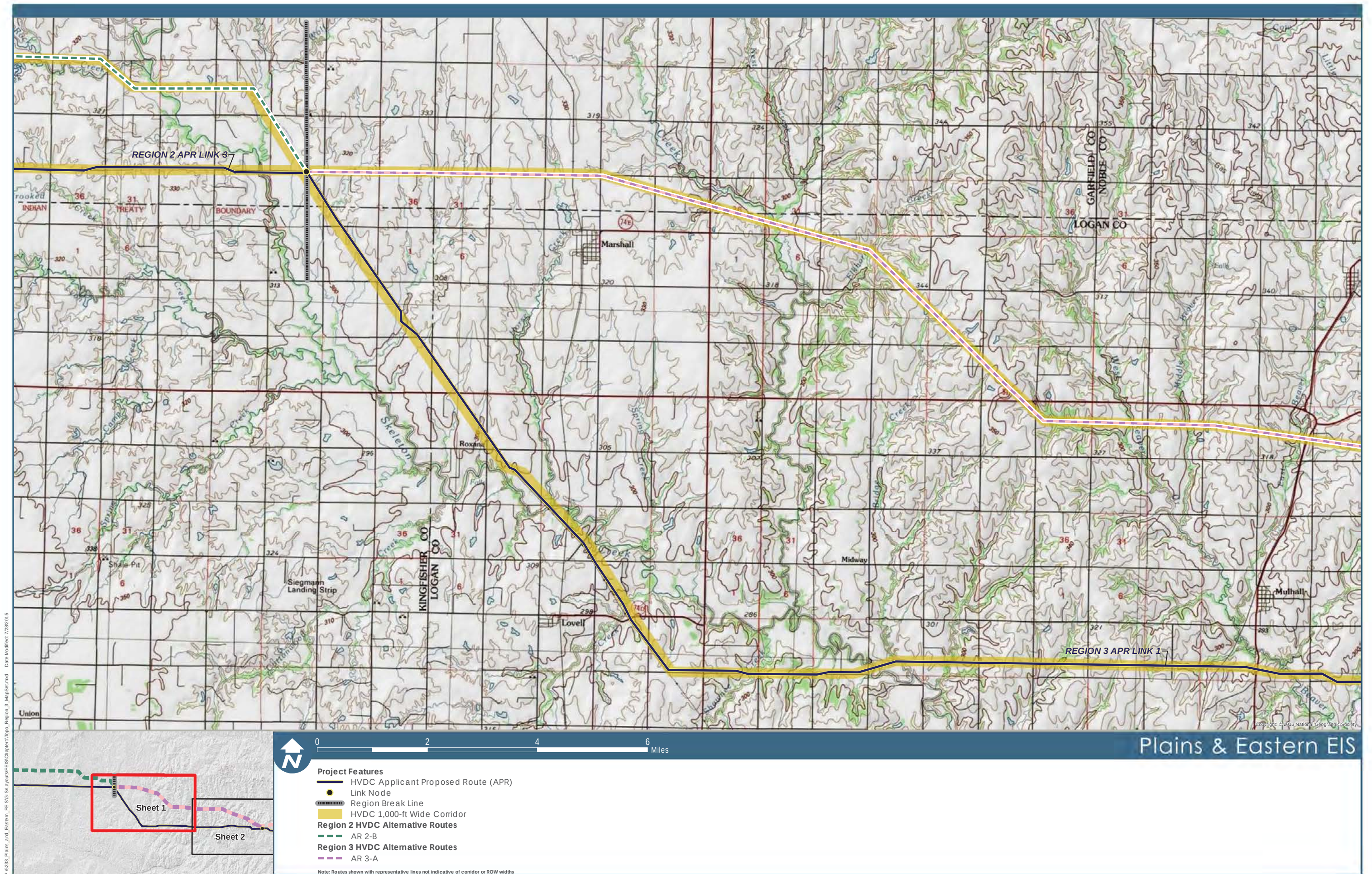


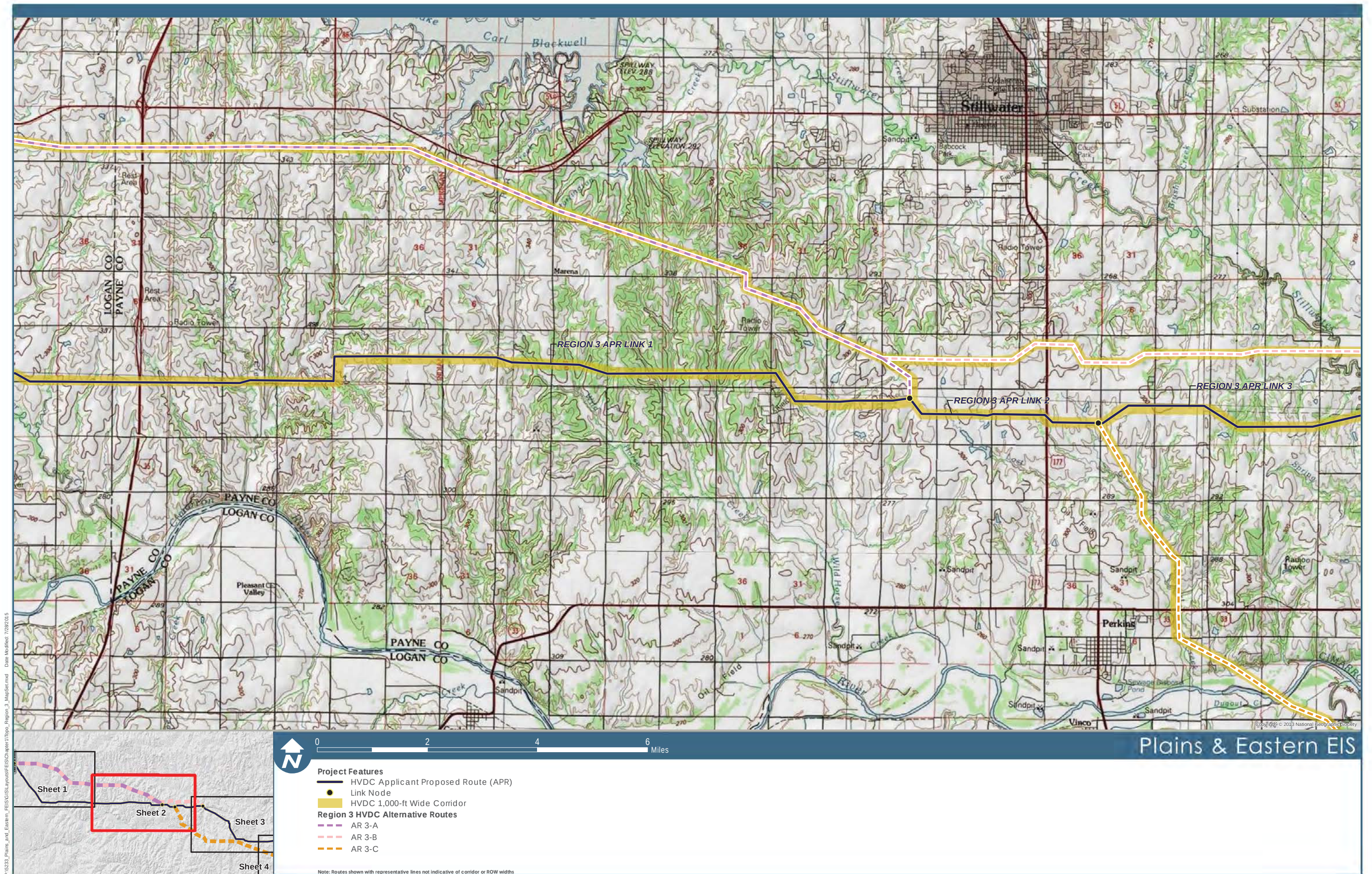
Figure 1.0-1: Topographic Map Index Region 3



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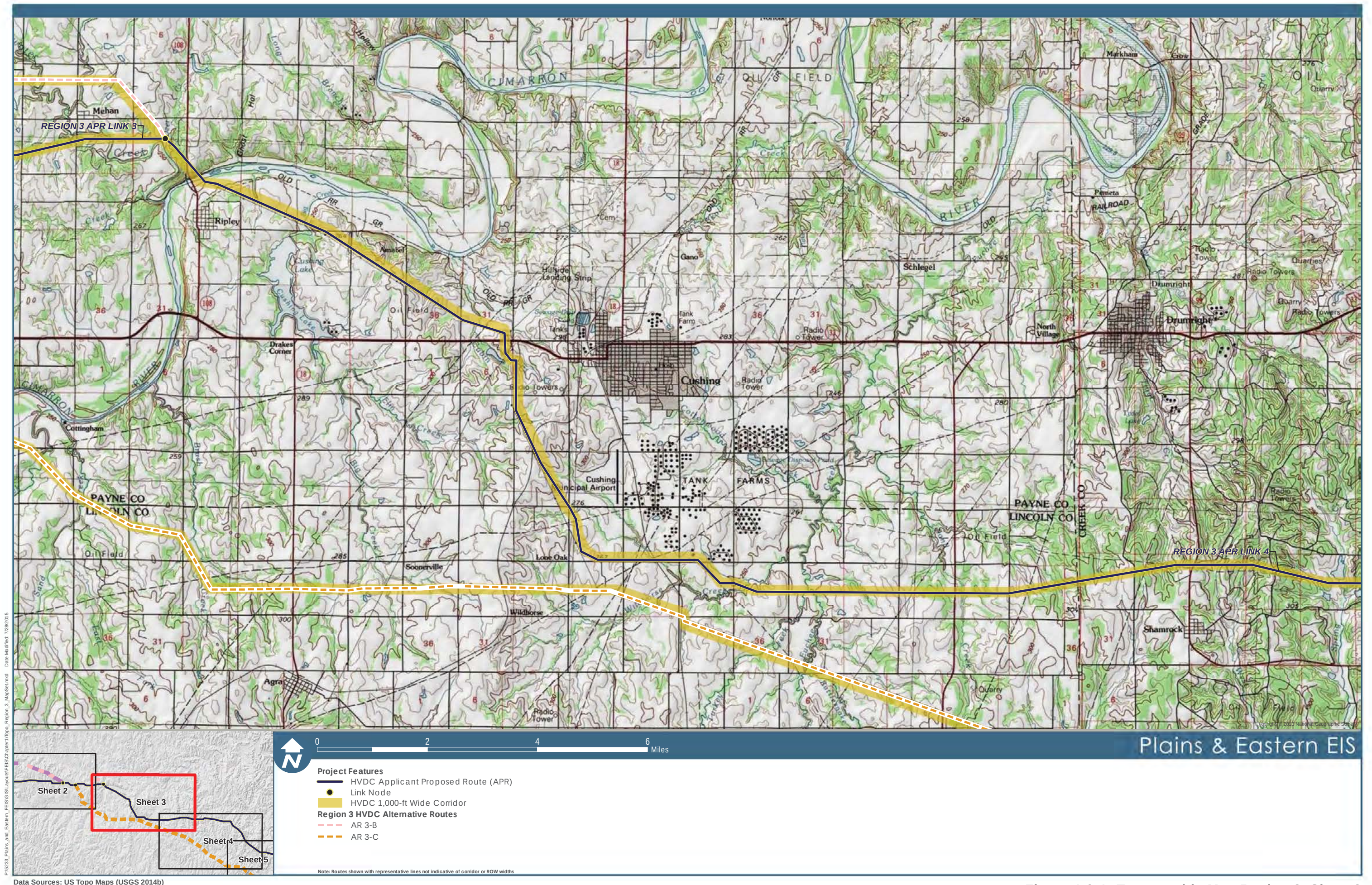
Figure 1.0-1: Topographic Map Region 3, Sheet 1

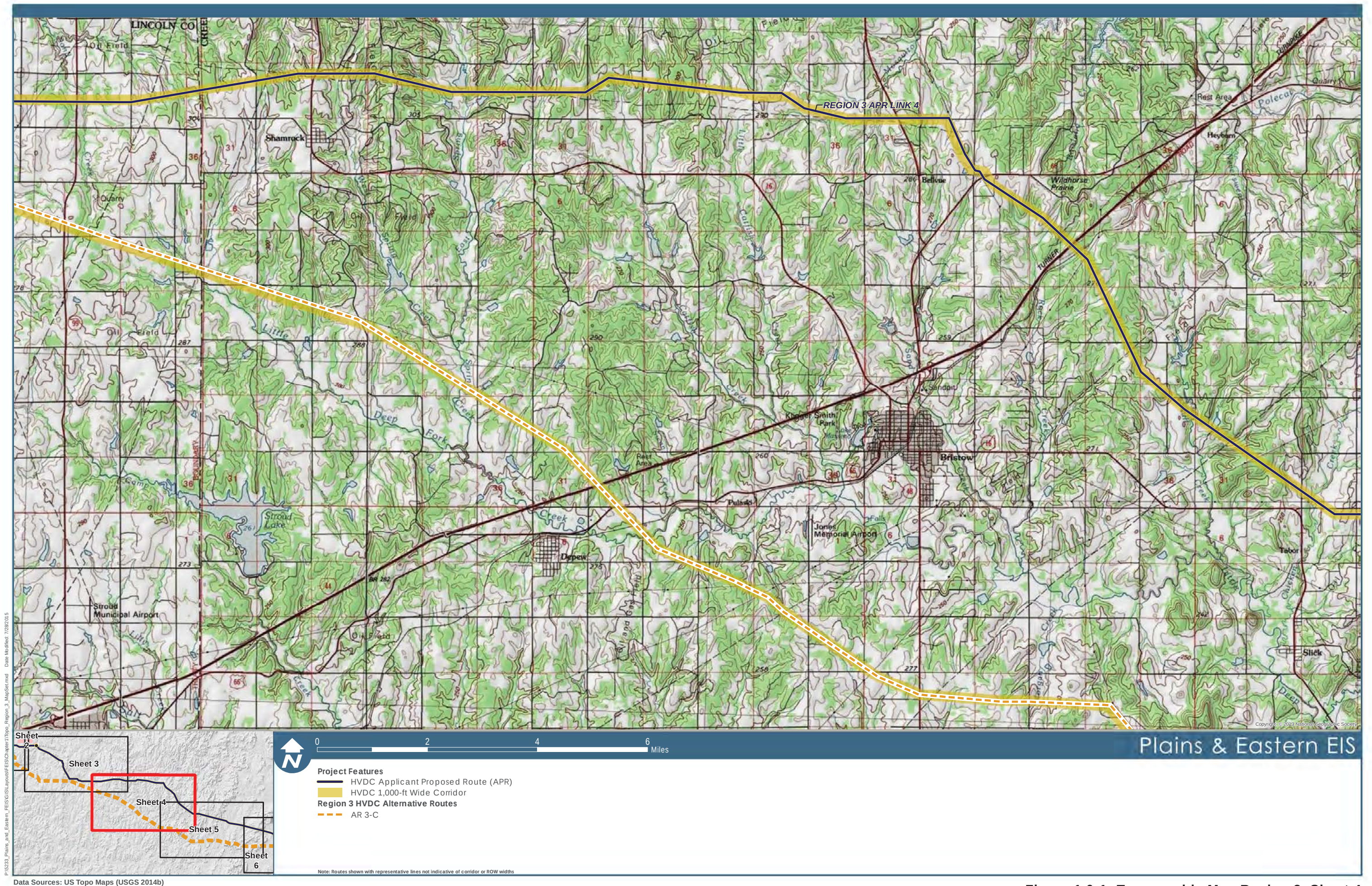


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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 3, Sheet 2





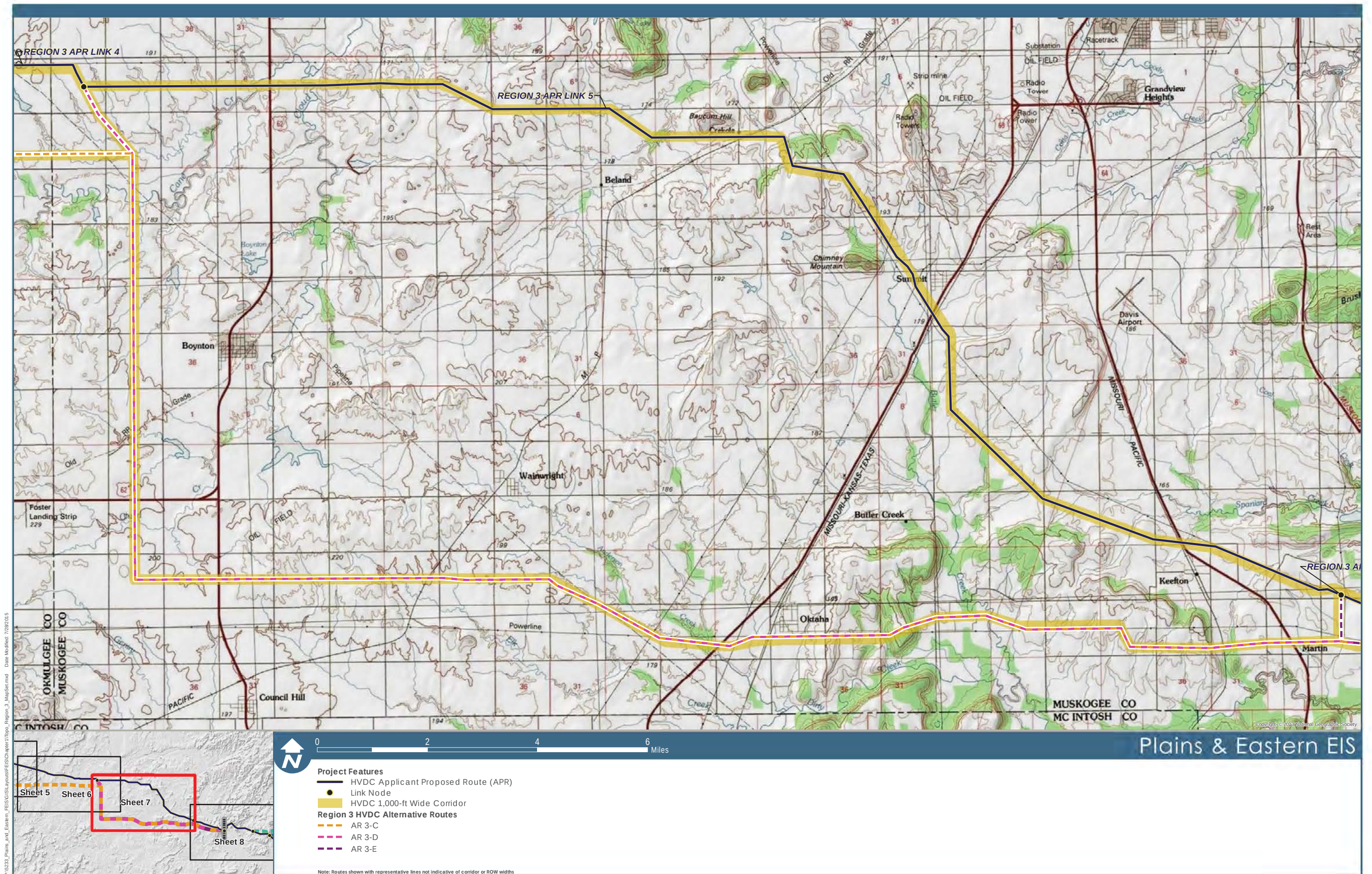


Figure 1.0-1: Topographic Map Region 3, Sheet 7

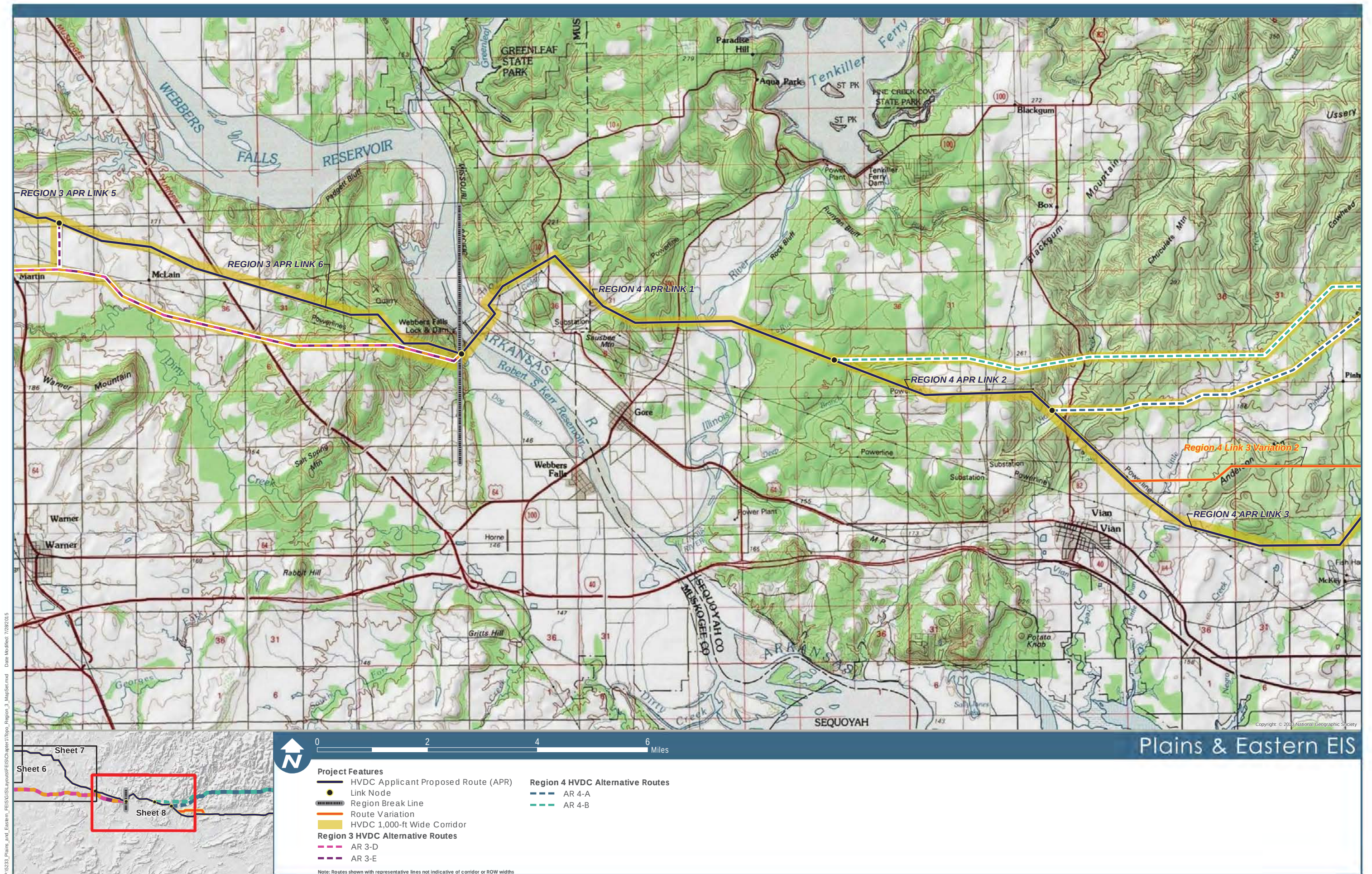


Figure 1.0-1: Topographic Map Region 3, Sheet 8

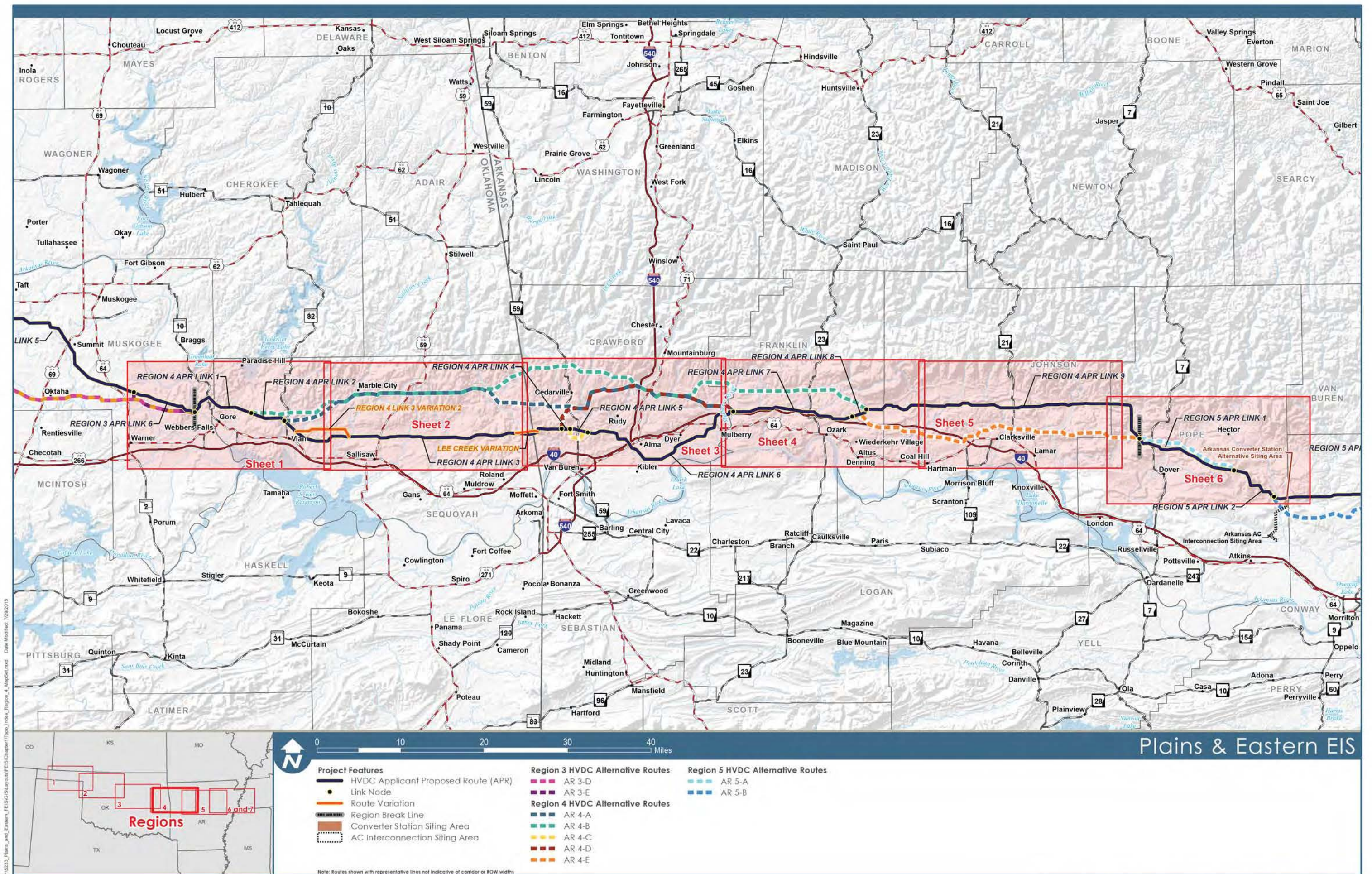
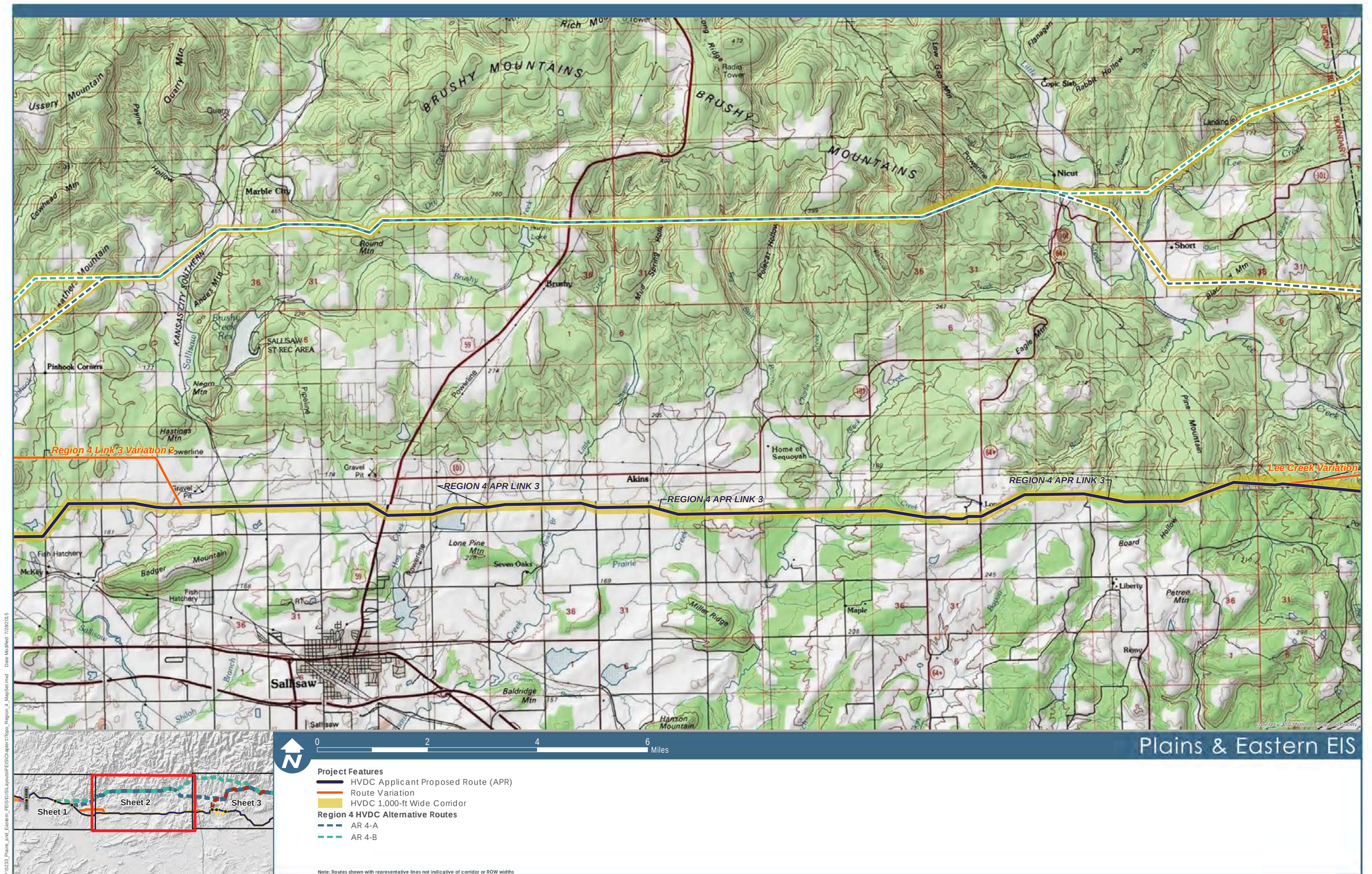


Figure 1.0-1: Topographic Map Index Region 4



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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 4, Sheet 2

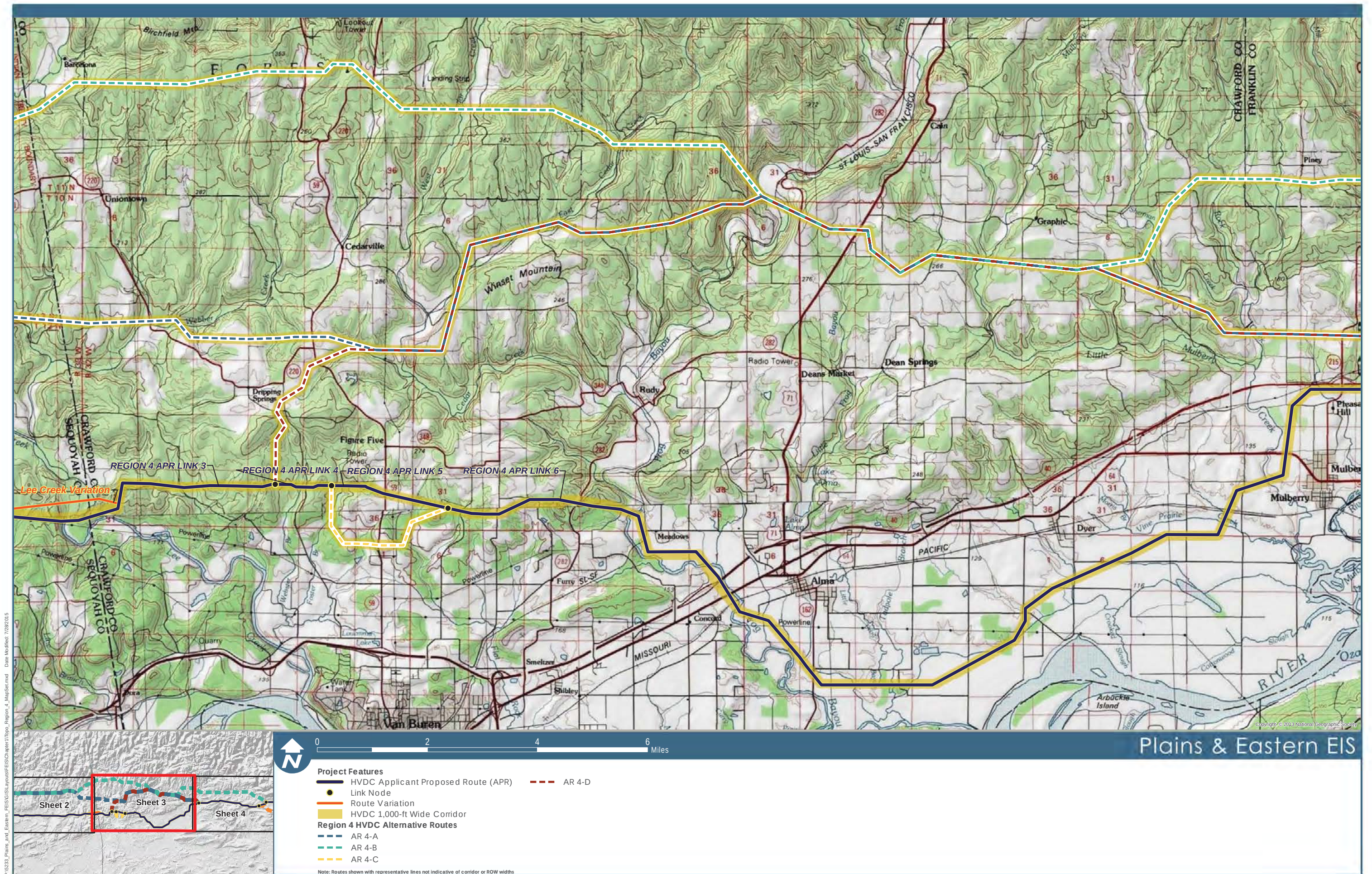
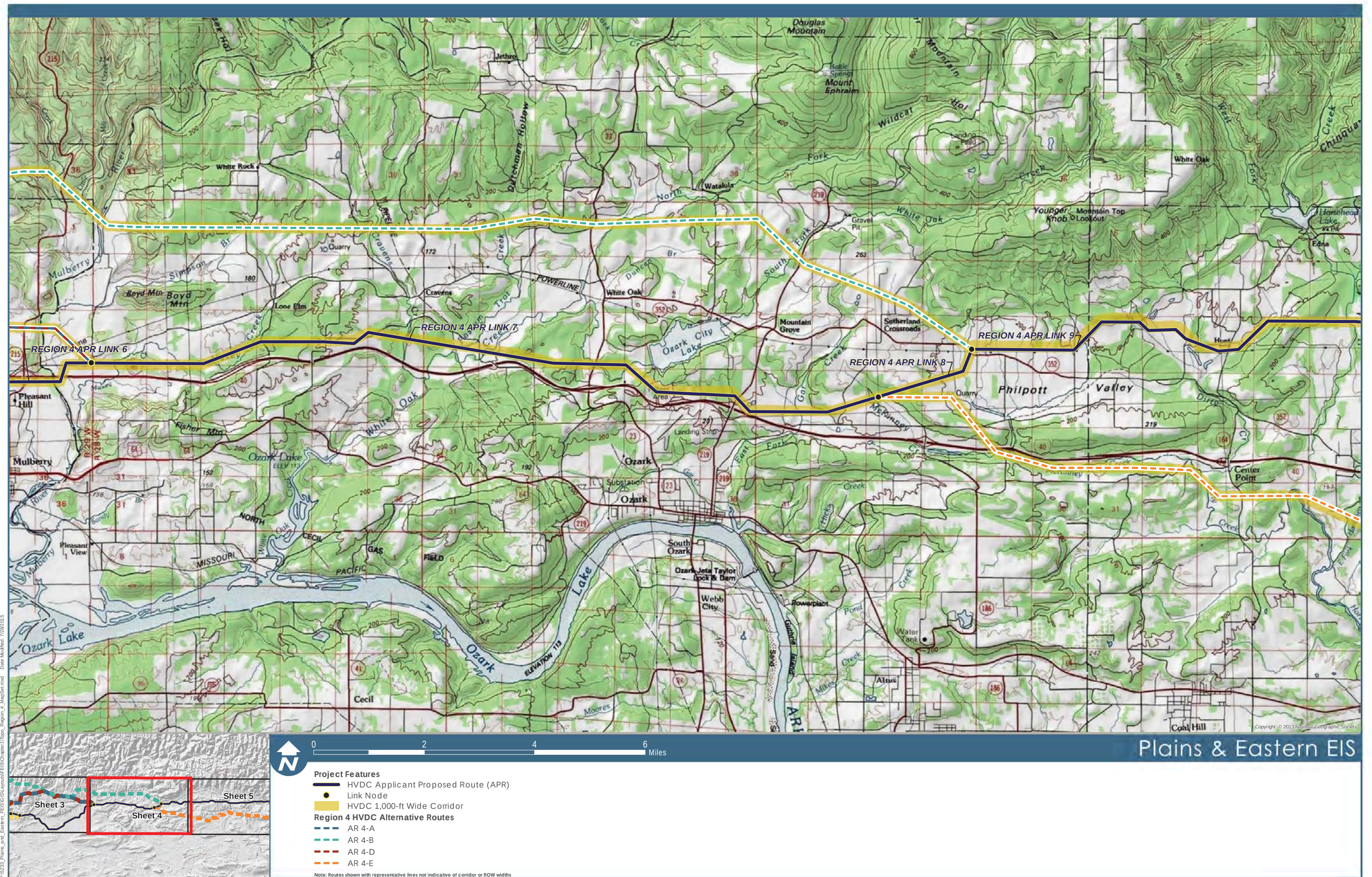


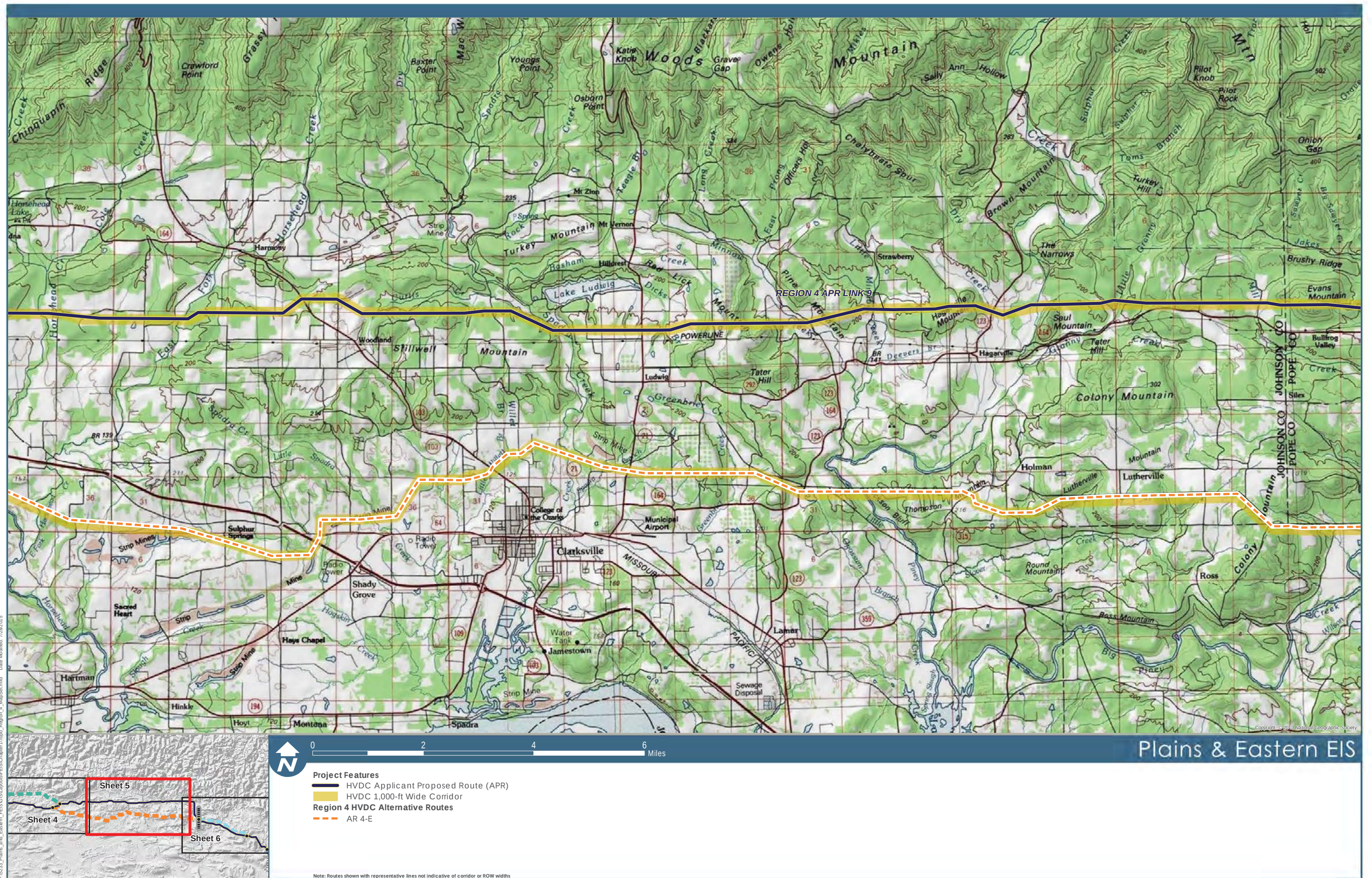
Figure 1.0-1: Topographic Map Region 4, Sheet 3

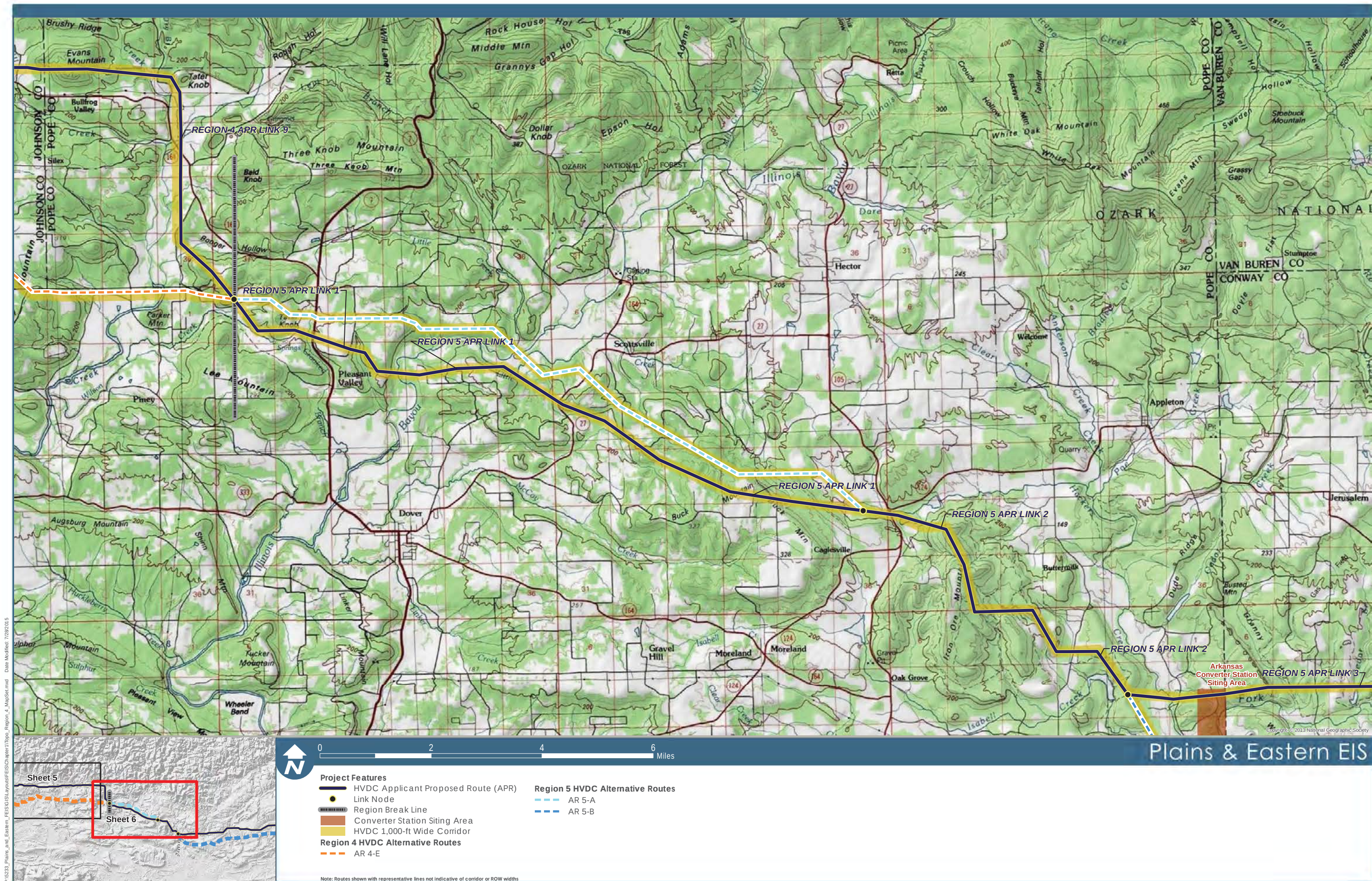


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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 4, Sheet 4





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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 4, Sheet 6

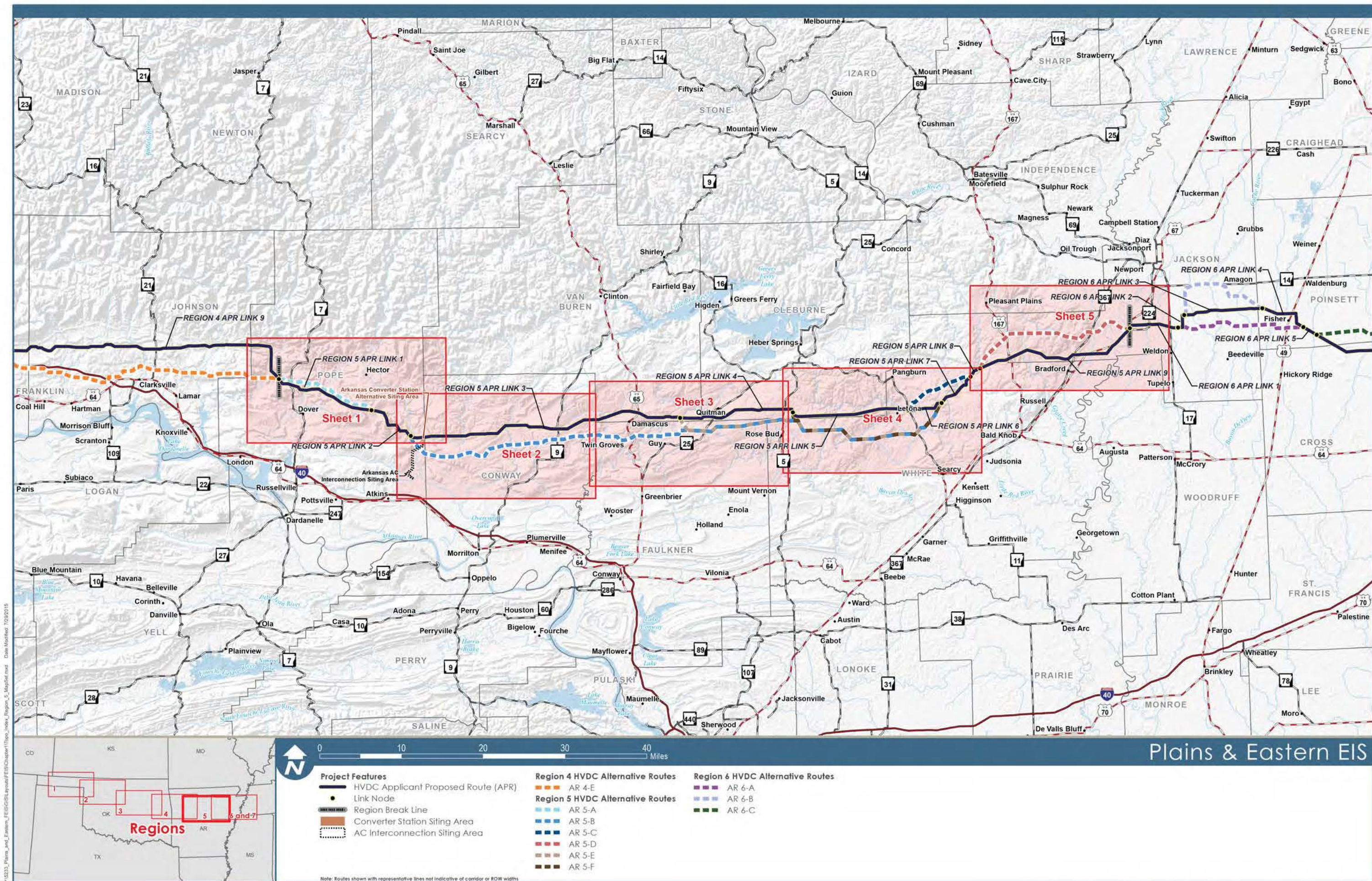


Figure 1.0-1: Topographic Map Index Region 5

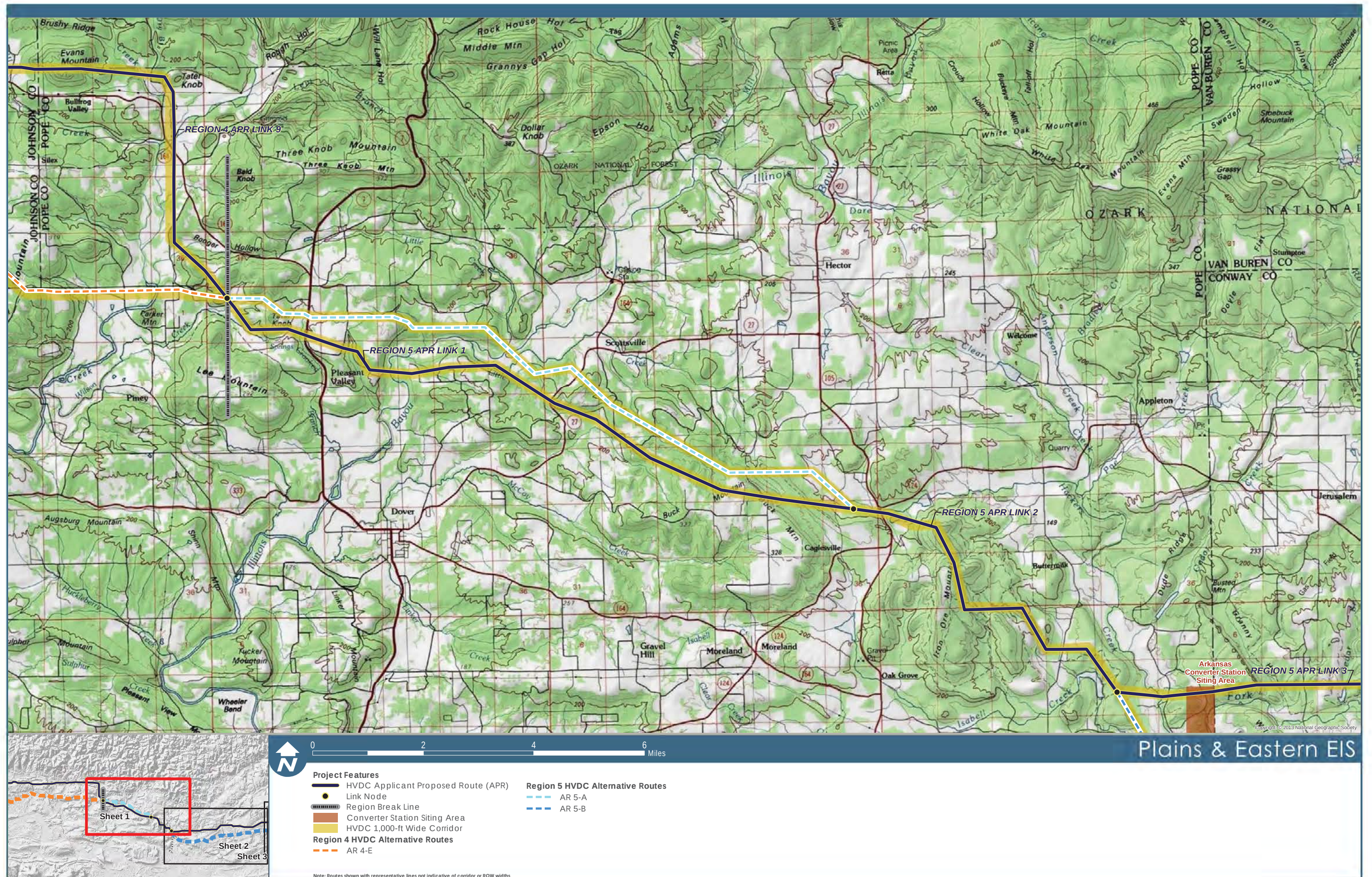
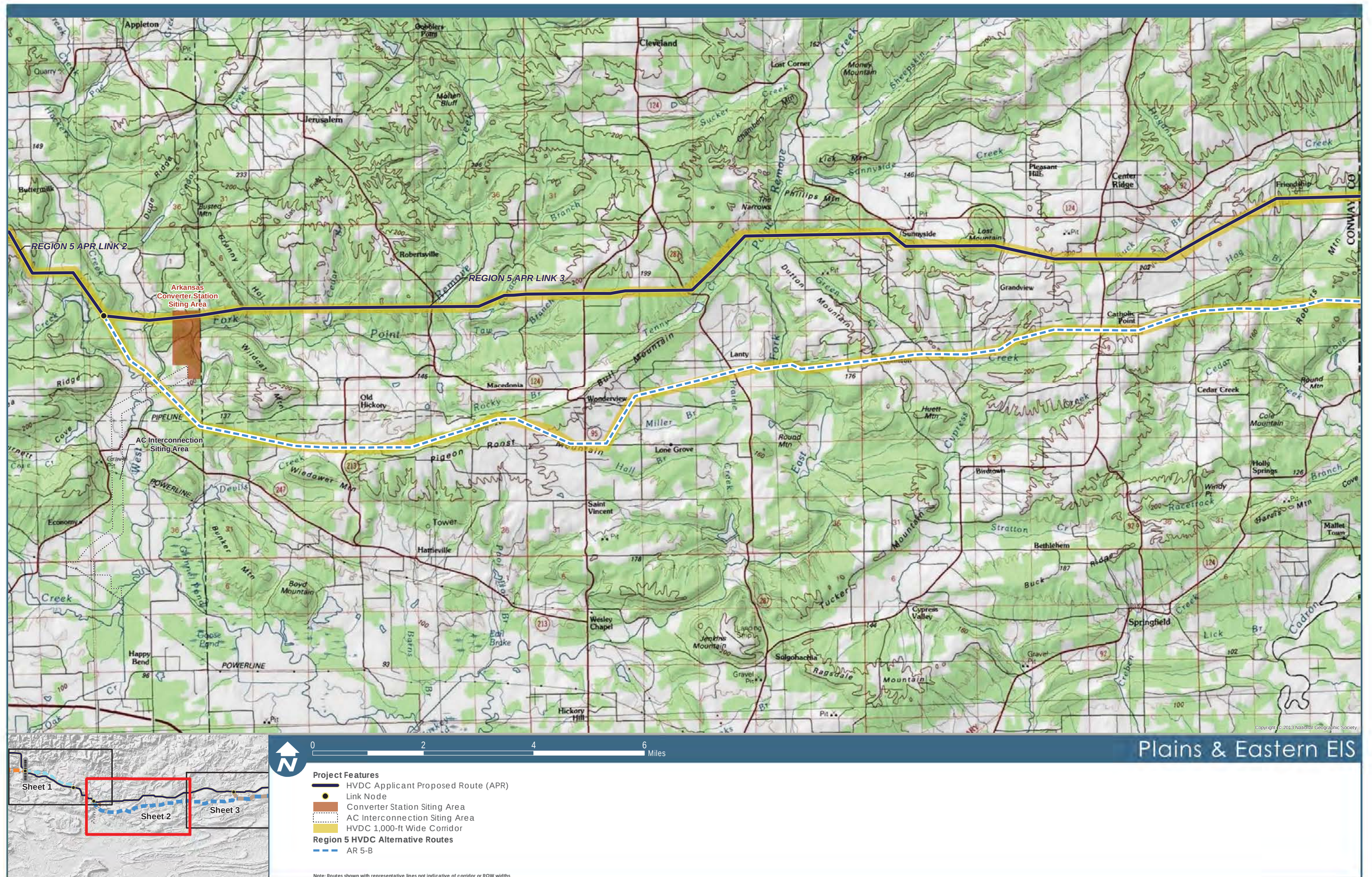


Figure 1.0-1: Topographic Map Region 5, Sheet 1



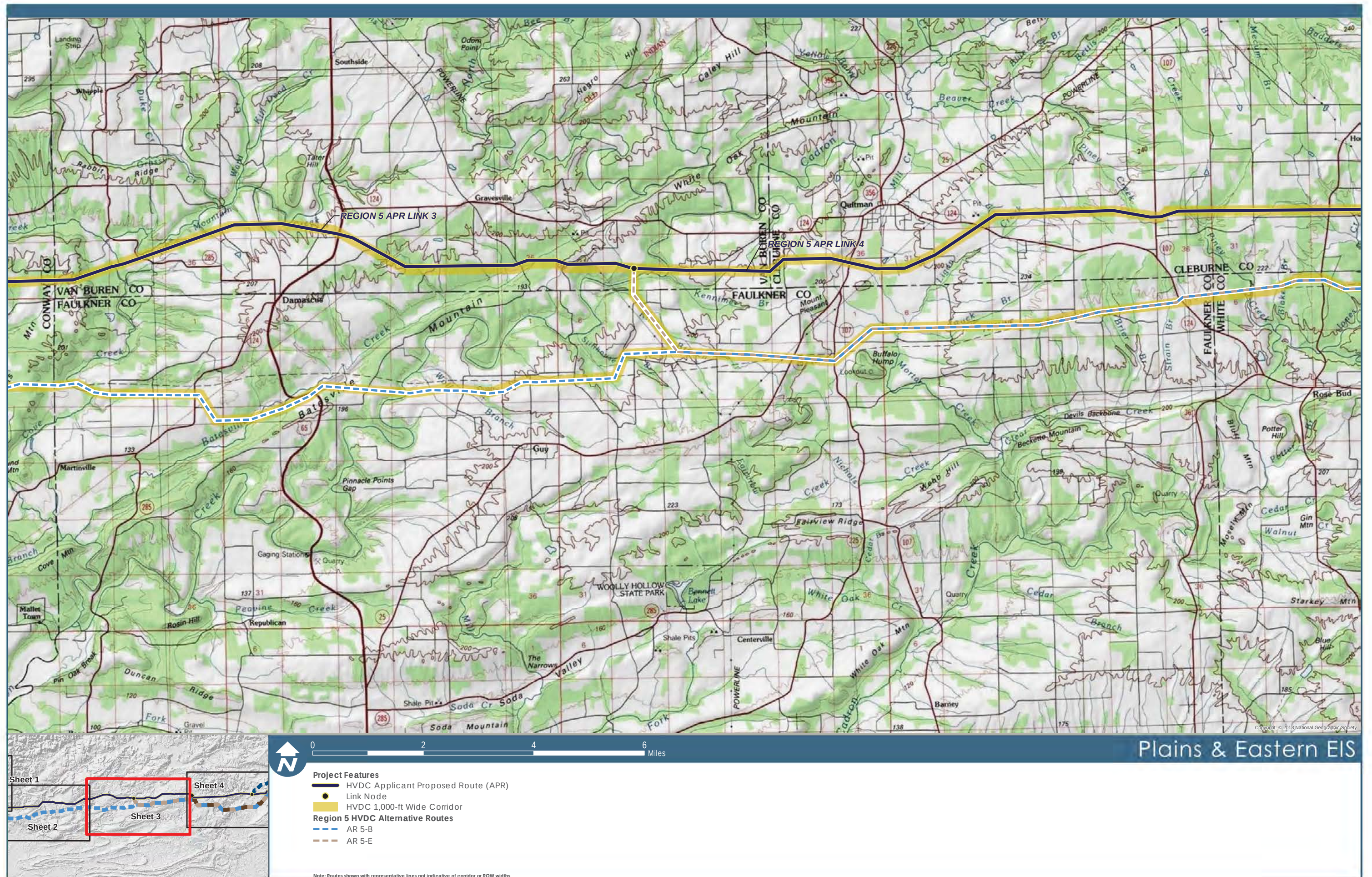


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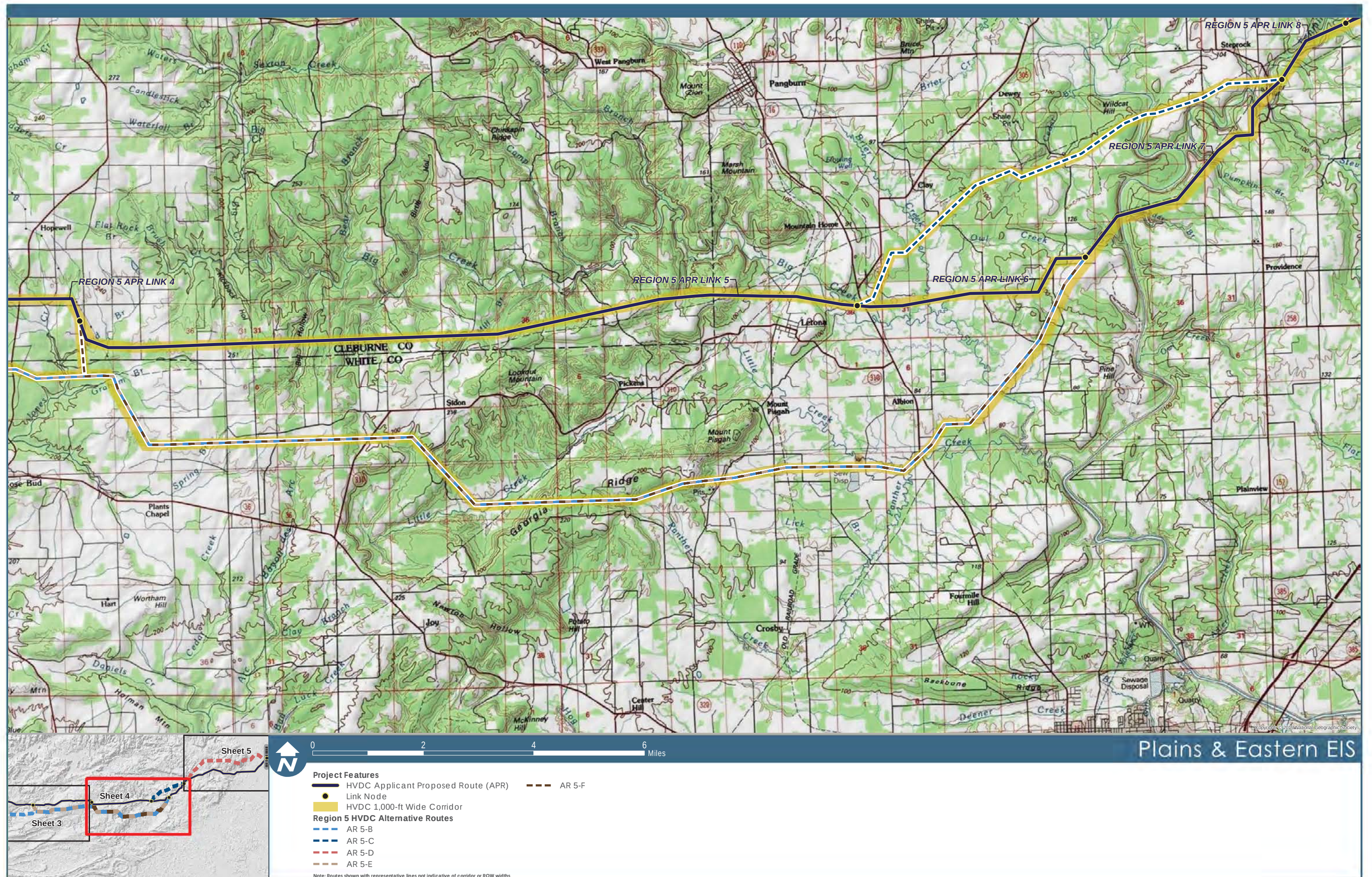


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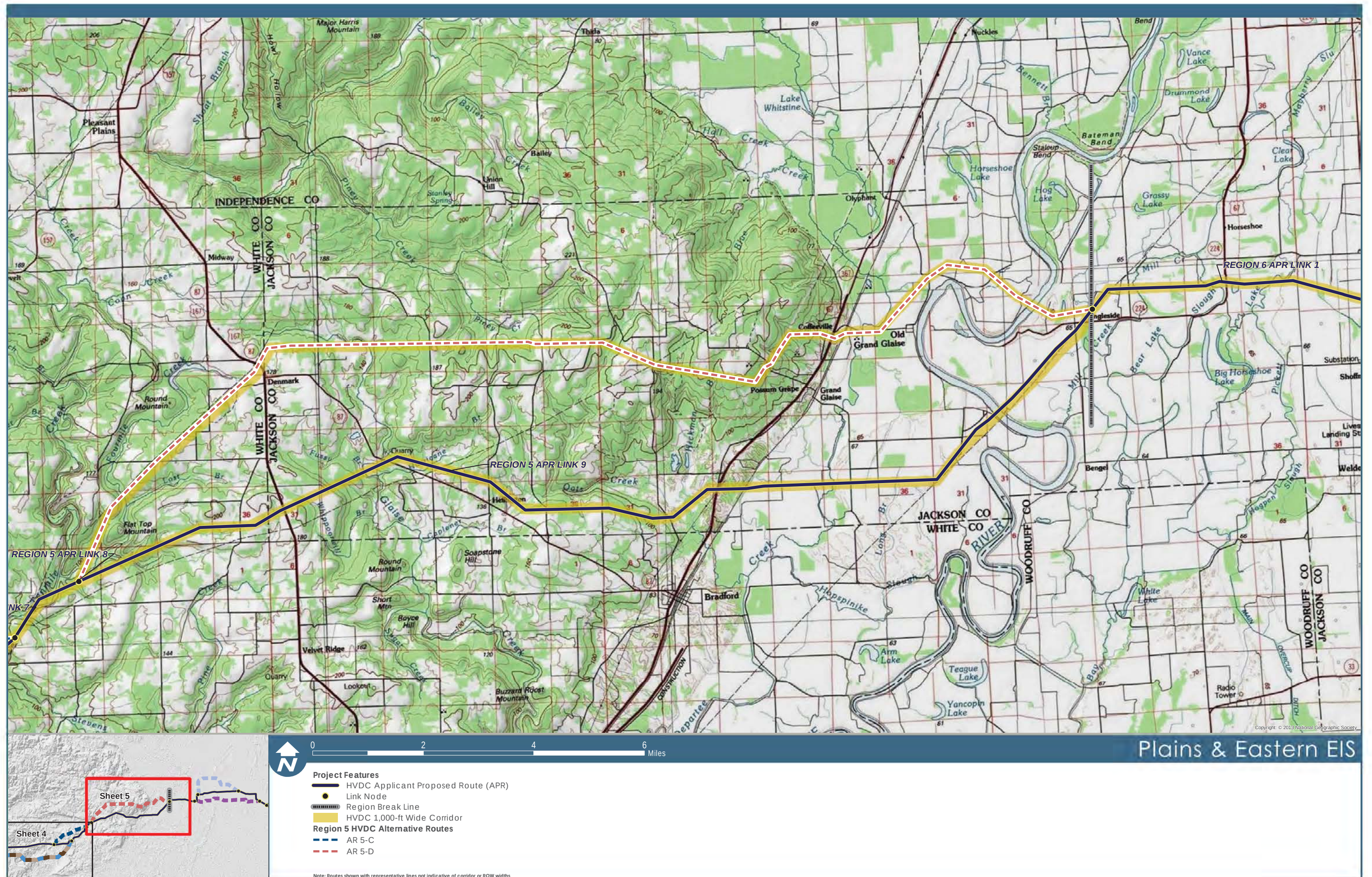


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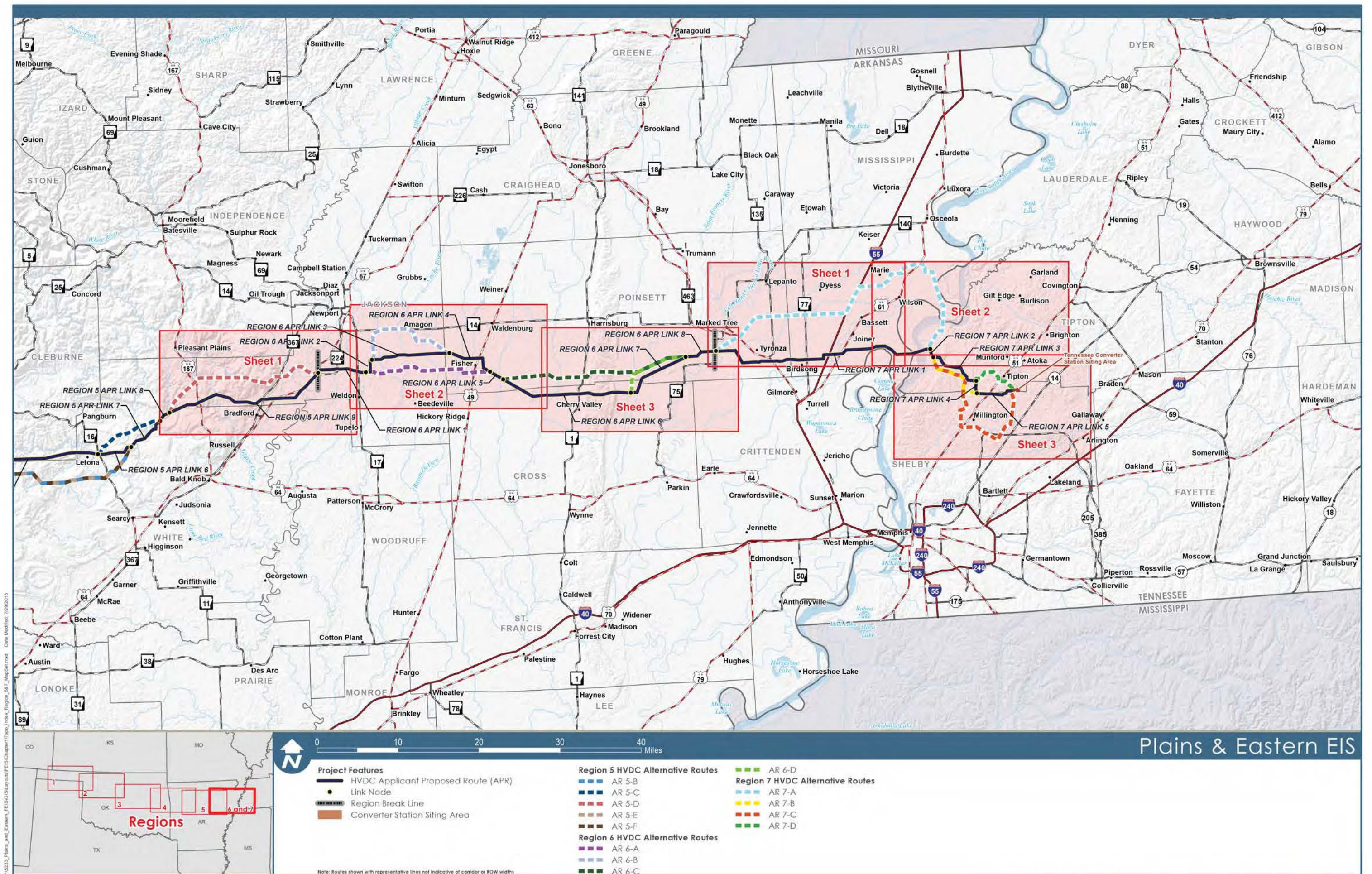
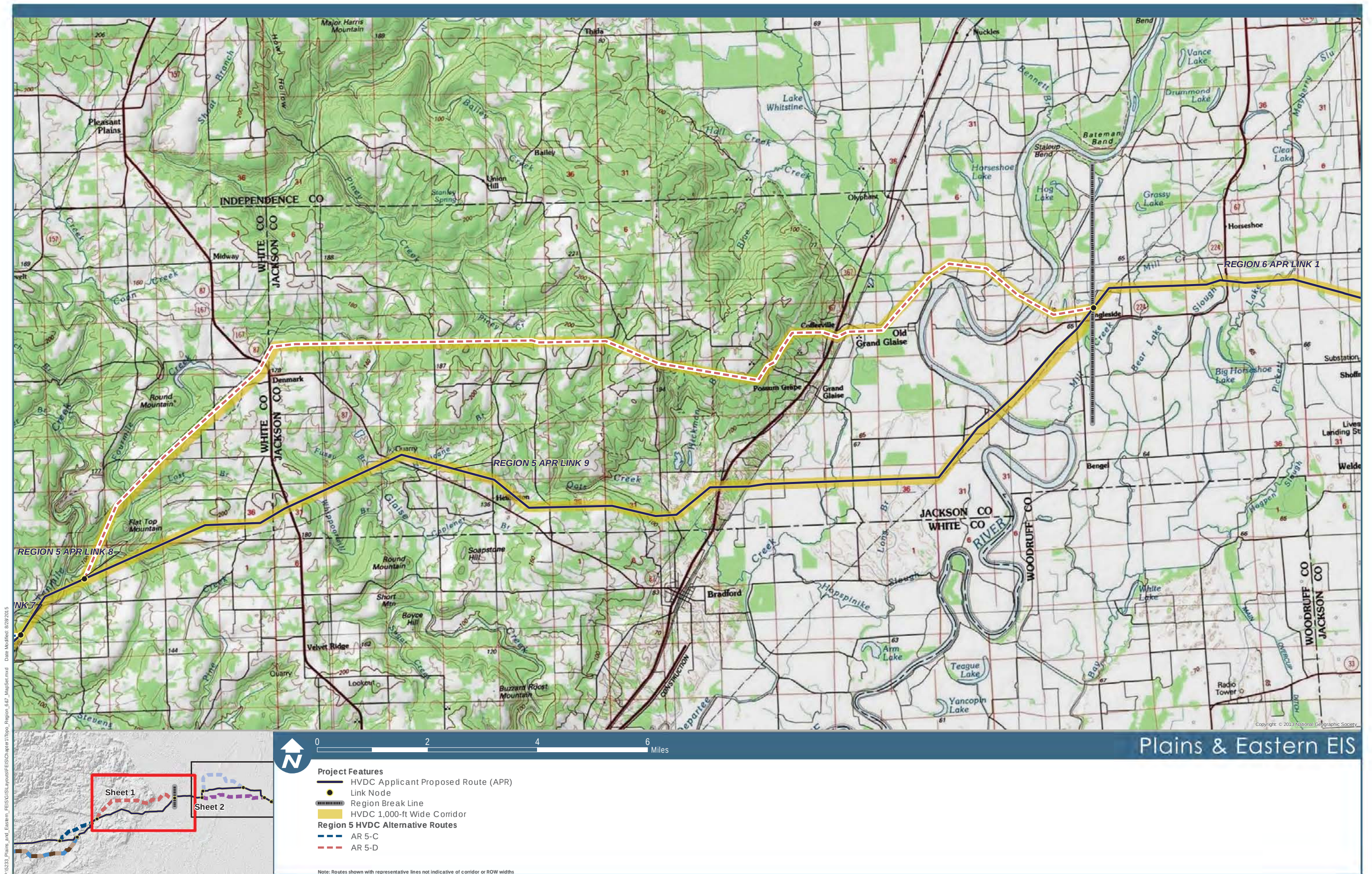


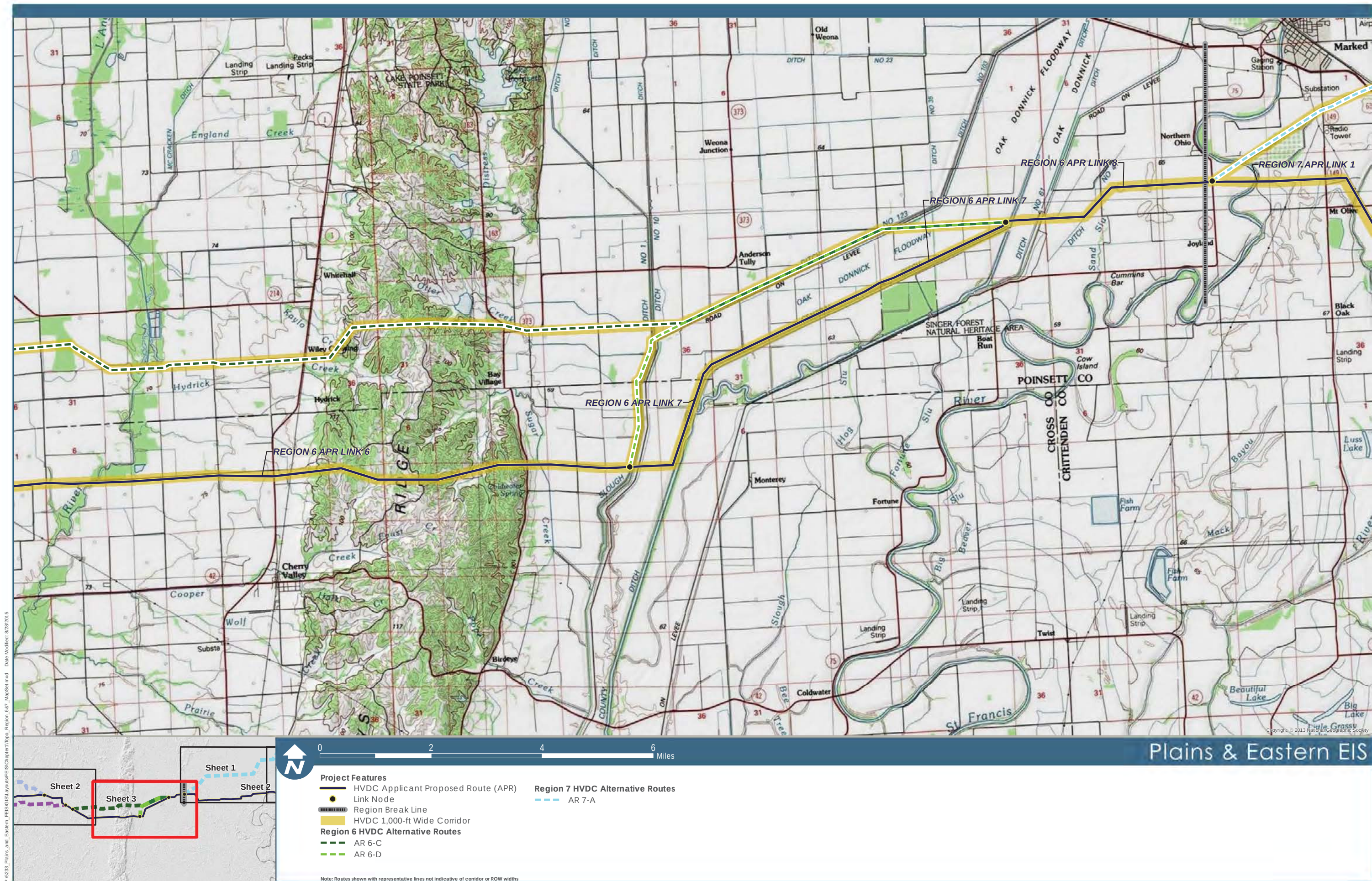
Figure 1.0-1: Topographic Map Index Region 6 and 7



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Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 6, Sheet 1



Data Sources: US Topo Maps (USGS 2014b)

Figure 1.0-1: Topographic Map Region 6, Sheet 3

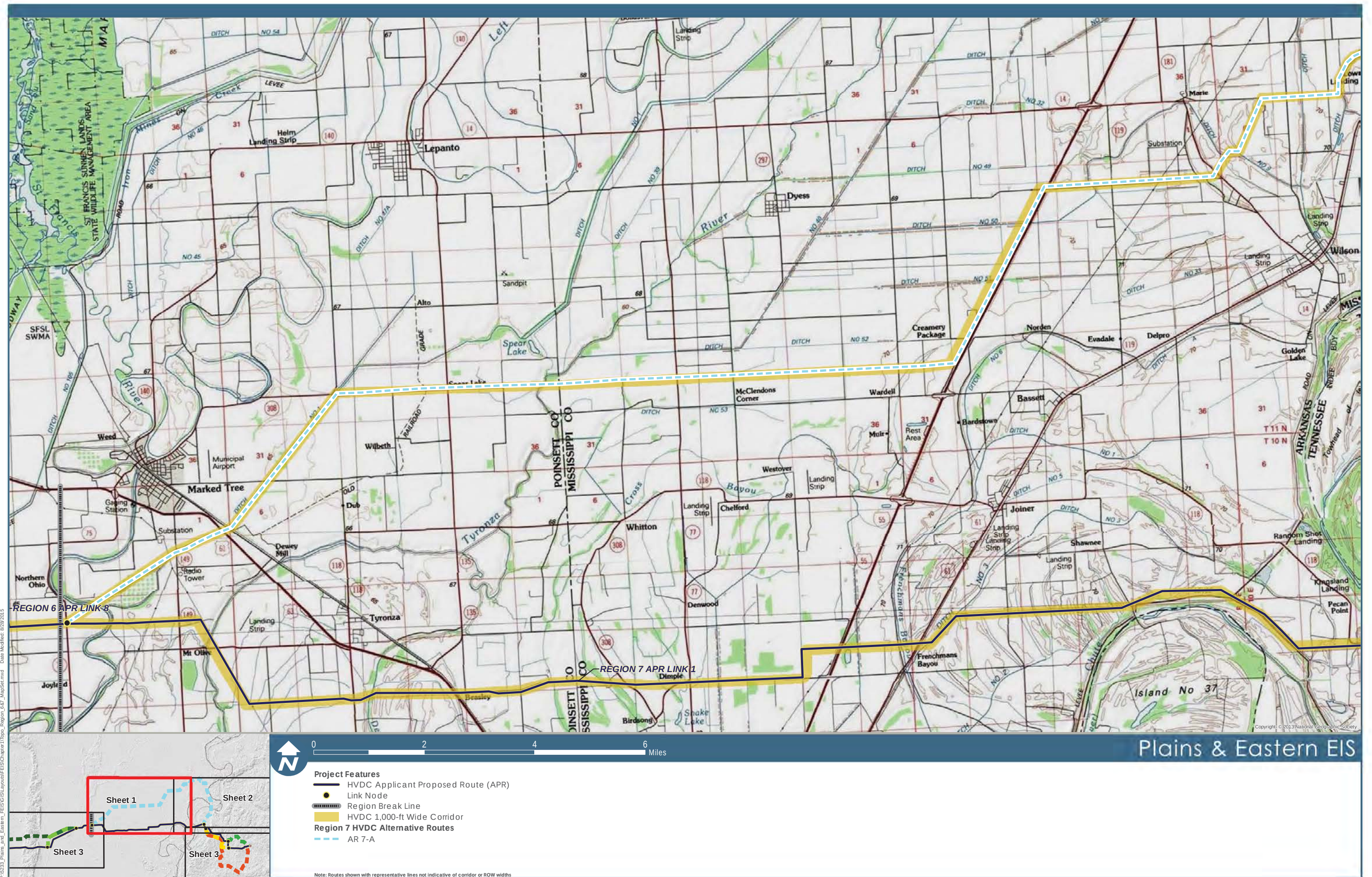


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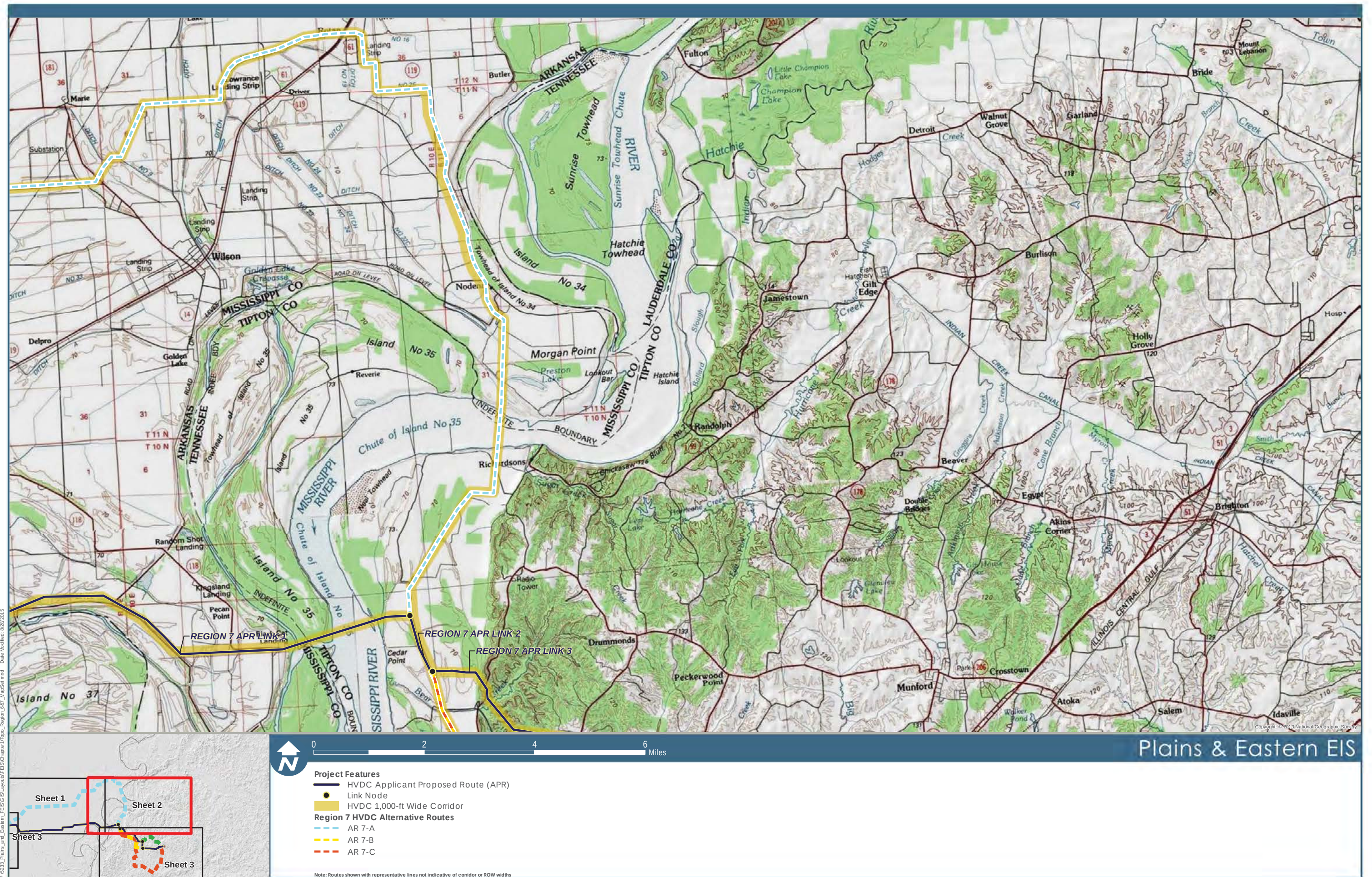


Figure 1.0-1: Topographic Map Region 7, Sheet 2

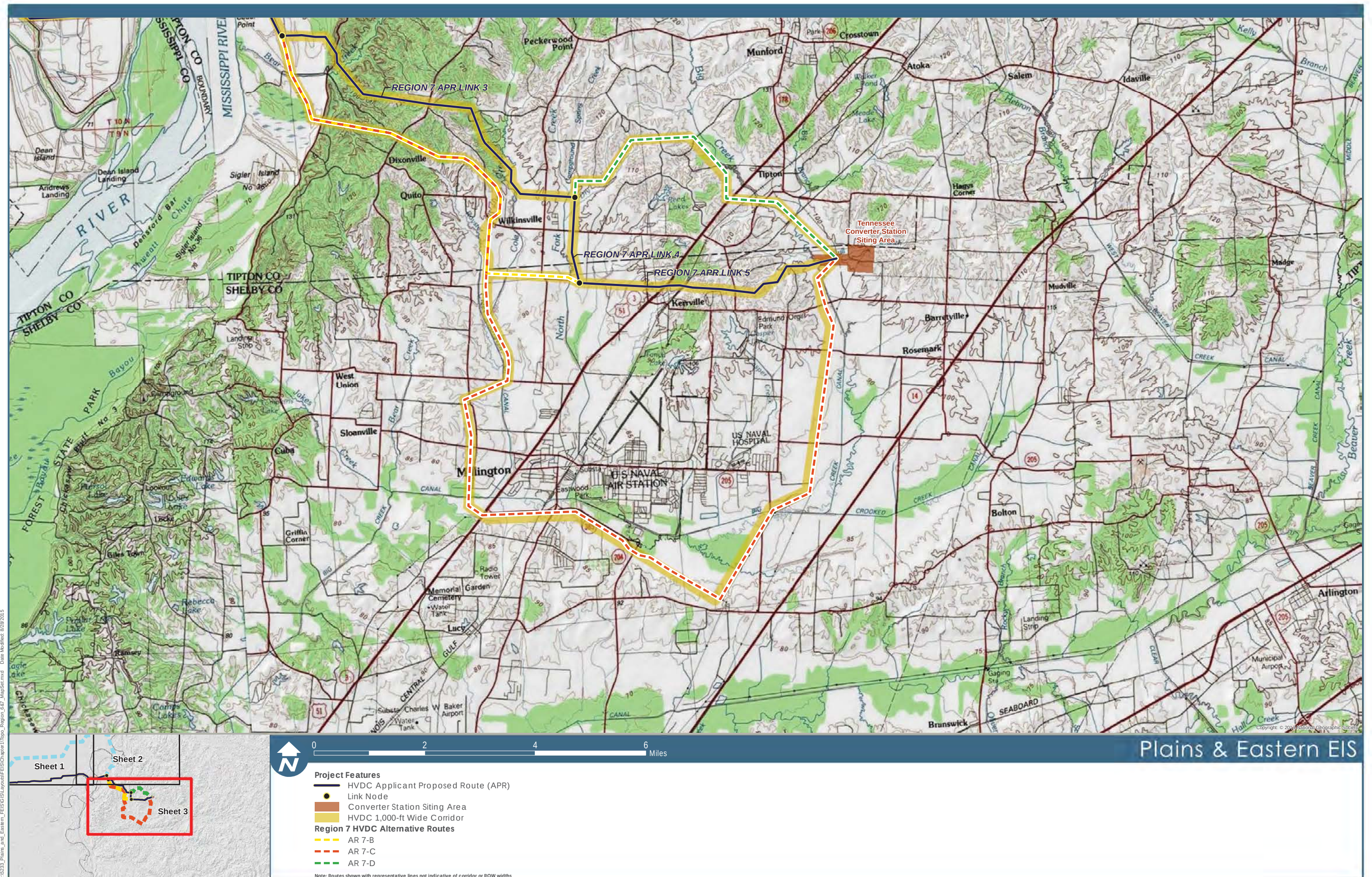


Figure 1.0-1: Topographic Map Region 7, Sheet 3