

**APPENDIX N ESTIMATED NWI WETLAND IMPACTS FOR
RAIL AND TRANSMISSION ROUTES**

This appendix includes figures with the proposed north rail connector corridor and transmission corridors shown on National Wetland Inventory (NWI) maps prepared by the U.S. Fish and Wildlife Service. Field wetland delineations have been done for the proposed plant site, south rail connector, and well field, and are discussed in the EIS Section 3.10 *Wetlands, Riparian Areas, and Waters of the United States*.

The figures in this appendix show potential rail and transmission routes within the identified corridors, for the purpose of estimating potential wetland impacts. The potential alignments have been selected to avoid wetland impacts to the extent practicable.

North Rail Connector

Figure N-1 shows a potential 150-foot wide rail alignment for the north rail connector to the proposed Norborne plant. The corridor was placed along the west side of the Wakenda Creek stream valley to avoid impacts to the stream and to the (potential) forested wetlands along the narrow wooded stream corridor. The alignment as shown would result in about 0.9 acres of impact to wetlands, based on the NWI map. All mapped wetlands areas impacted would be wooded wetlands. Field delineation would be done to determine the actual extent of wetlands, if any, that would be impacted.

Transmission Lines—Norborne to Thomas Hill

Transmission lines will impact only forested (wooded) wetlands, as other wetland types can be spanned and do not require clearing. Forested wetlands could remain as wetlands, but not as forested wetlands because the trees would need to be cleared to provide adequate overhead clearance for the transmission lines.

Figure N-2 (including detail Figures N-2a to N-2g) shows the potential forested wetland impacts based on NWI maps for the proposed transmission corridor from Norborne to Thomas Hill. Potential impacts based on NWI maps are summarized below.

Location	Figure Reference	Forested Wetland Impact Based on NWI Map, acres
Turkey Creek	N-2a	2.7
Big Creek	N-2c	0.3
Grand River (west)	N-2d	0.4
Grand River (east)	N-2d	0.6

Location	Figure Reference	Forested Wetland Impact Based on NWI Map, acres
Potter Slough	N-2d	0.9
Salt Creek	N-2e	0.4
Mussel Fork (Long Branch)	N-2f	0.6
Bee Creek	N-2g	1.7
Chariton River	N-2g	0.3
TOTAL		7.9

Transmission Lines—Norborne to Sedalia/Mt. Hulda

Figure N-3 (including detail Figures N-3a to N-3k) shows the potential forested wetland impacts based on NWI maps for the proposed transmission corridor from Norborne to Sedalia/Mt. Hulda. Potential impacts based on NWI maps are summarized below.

Location	Figure Reference	Forested Wetland Impact Based on NWI Map, acres
Missouri River	N-3a	1.7
Blackwater River	N-3e	3.4
South Fork	N-3f	0.8
Muddy Creek	N-3g	0.5
Flat Creek	N-3h	0.6
TOTAL		7.0

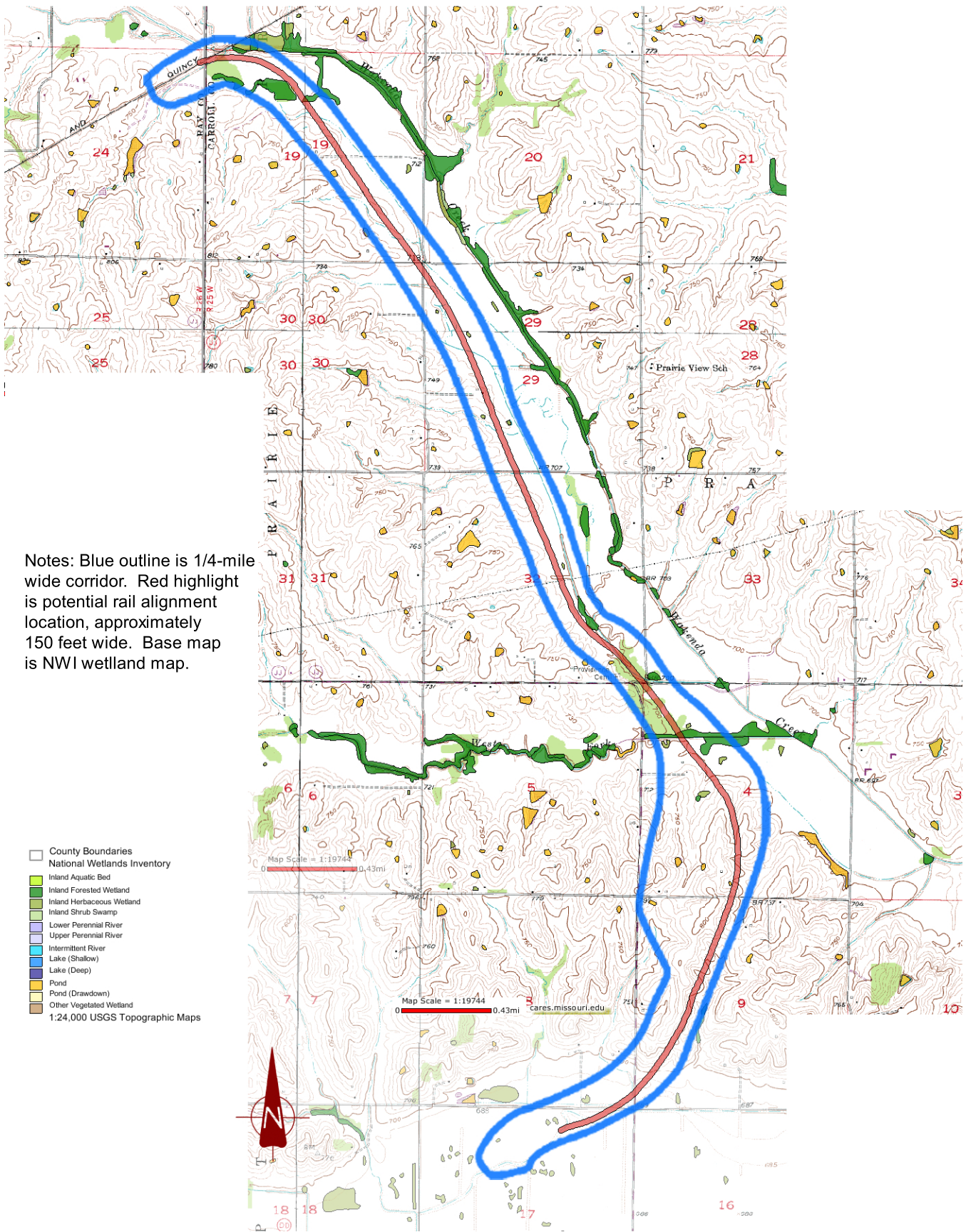
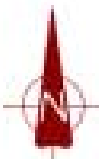


Figure N-1
North Rail Connector

- County Boundaries
 - Wetland Wetlands Inventory
 - Forest Wetlands
 - Shrub Wetlands
 - Emergent Wetlands
 - Open Water Wetlands
 - Other Wetlands
 - Water
 - Other
 - Proposed Wetlands
 - Other Wetlands
- 1:24,000 USGS Topographic Map



Notes: The proposed transmission corridor is shown in dark purple. See EIS Sections 2.2.12 and 2.4.11 for discussion. Locations of potential impacts to NWI-mapped forested wetlands are shown in boxed areas. See detail Figures N-2a through N-2g for potential 150-foot wide alignment locations. Base maps are NWI wetland maps.

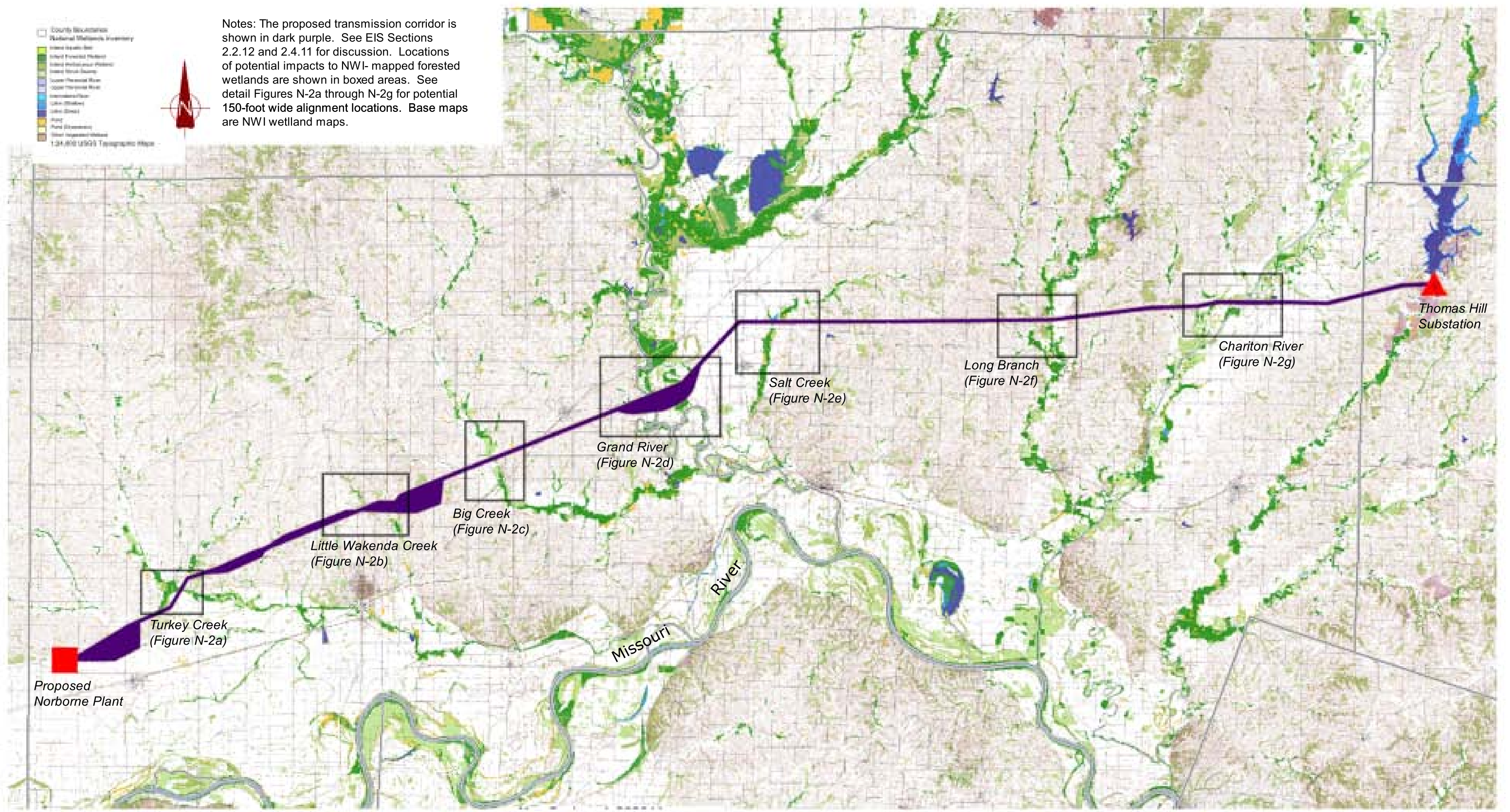


Figure N-2
Transmission Corridor
Norborne to Thomas Hill

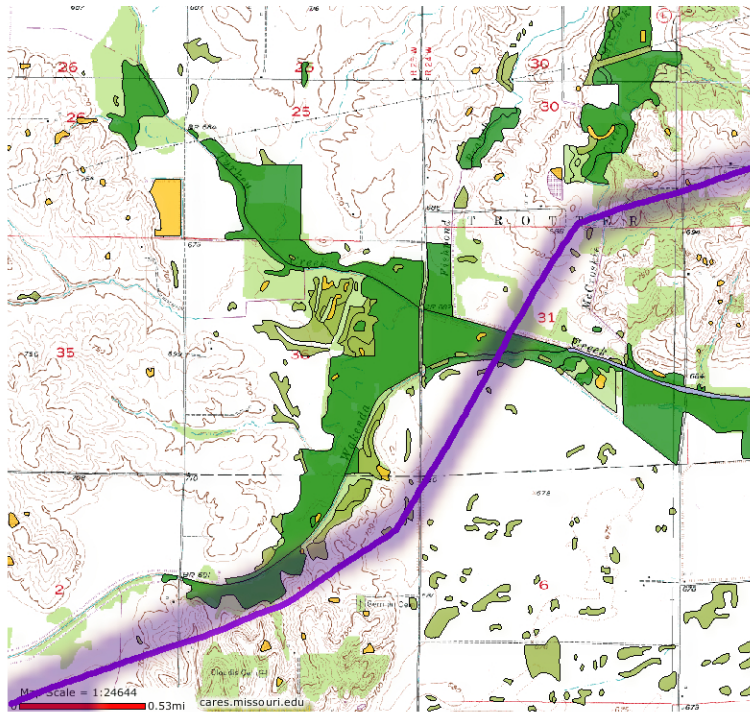


Figure N-2a
Turkey Creek

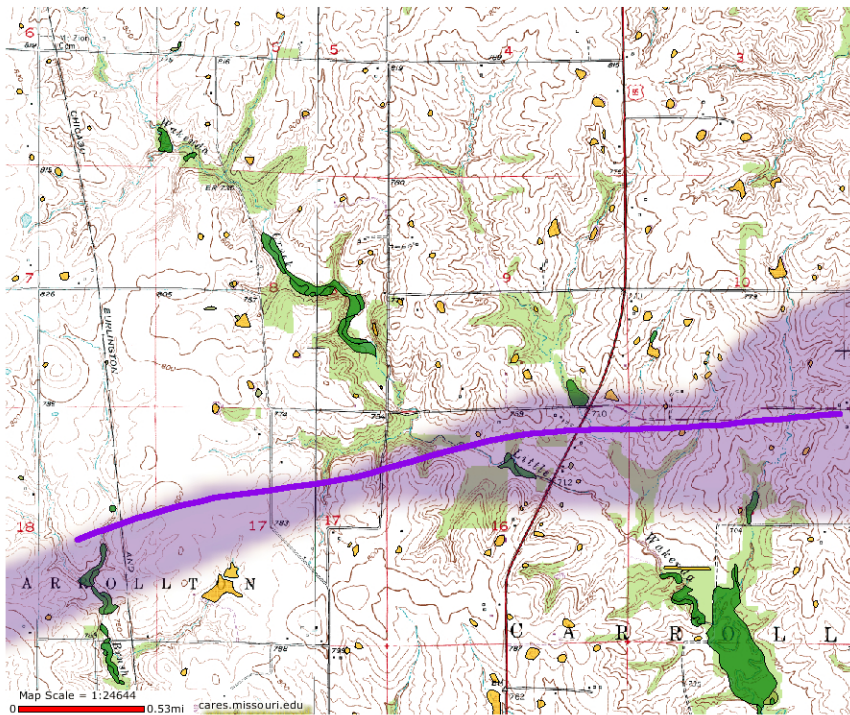


Figure N-2b
Little Wakenda Creek

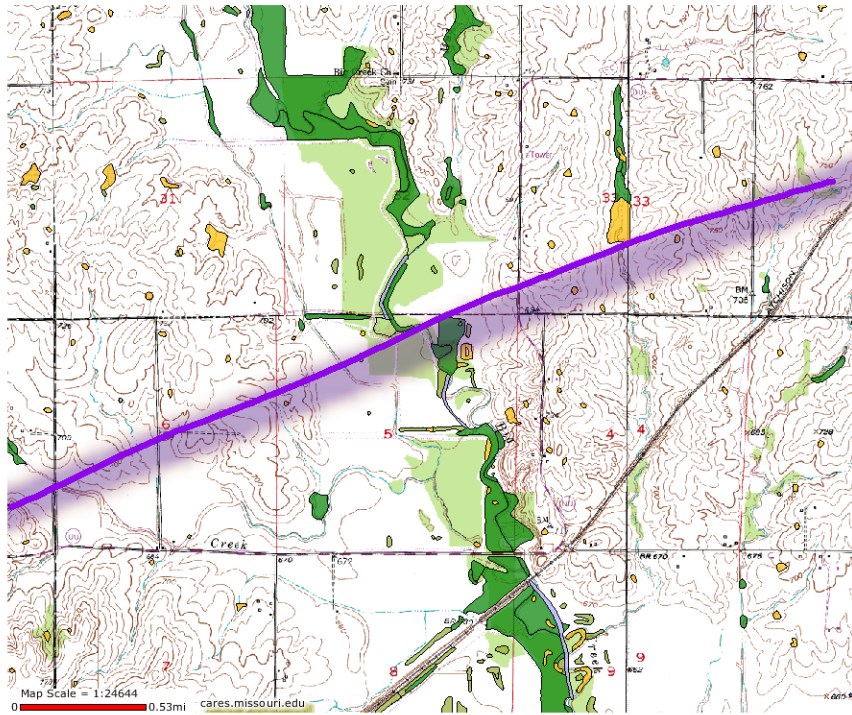


Figure N-2c
Big Creek

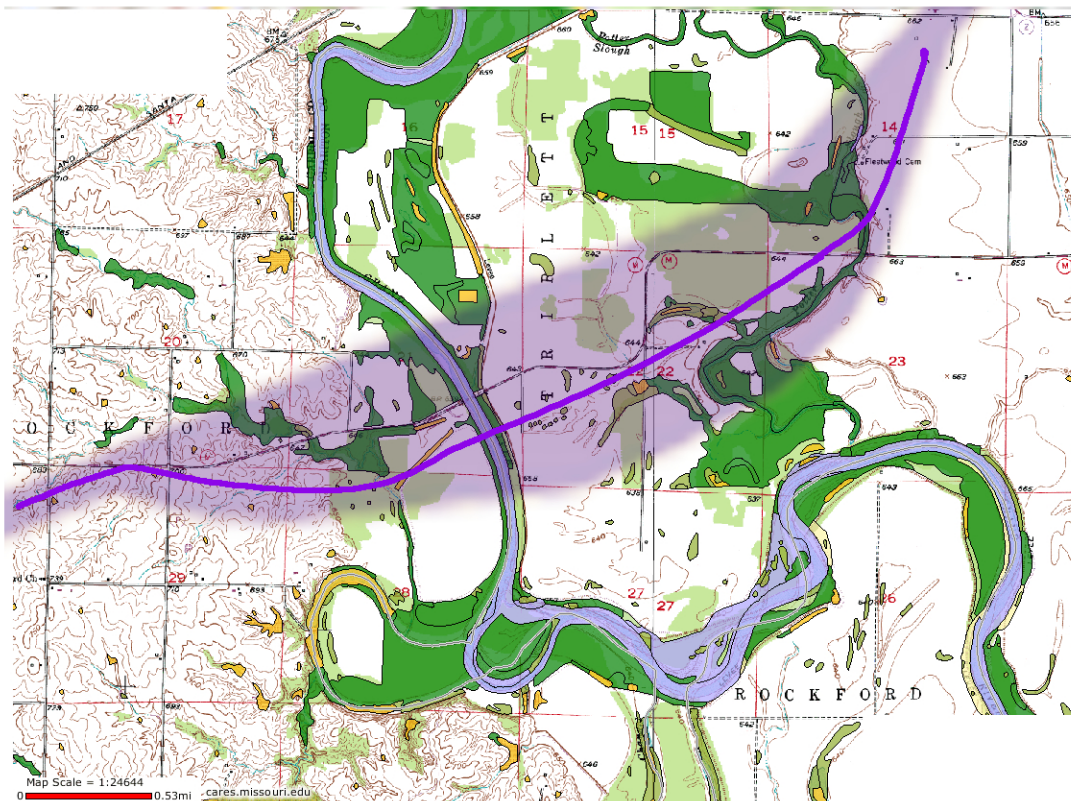


Figure N-2d
Grand River

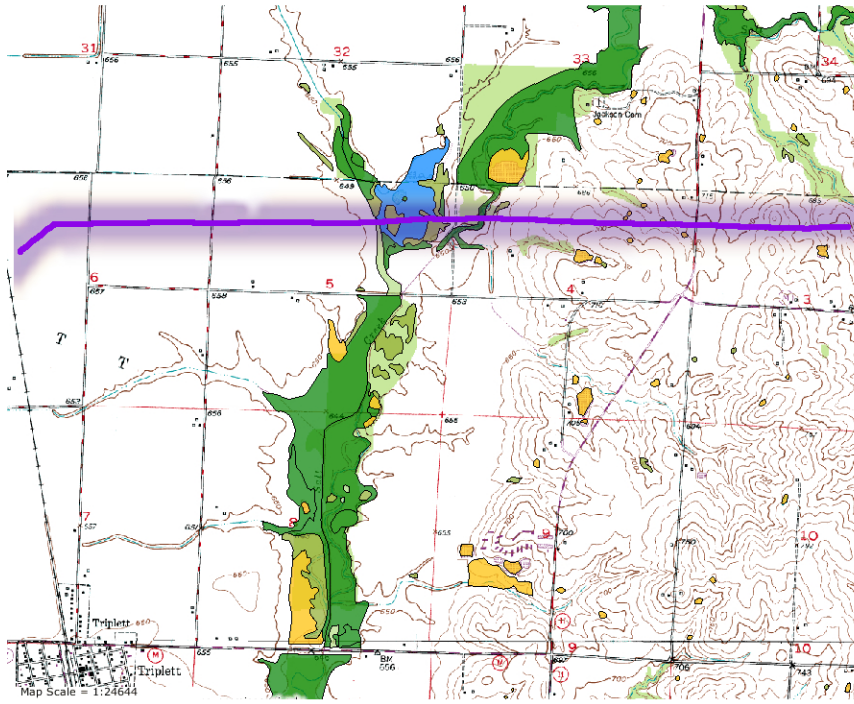


Figure N-2e
Salt Creek

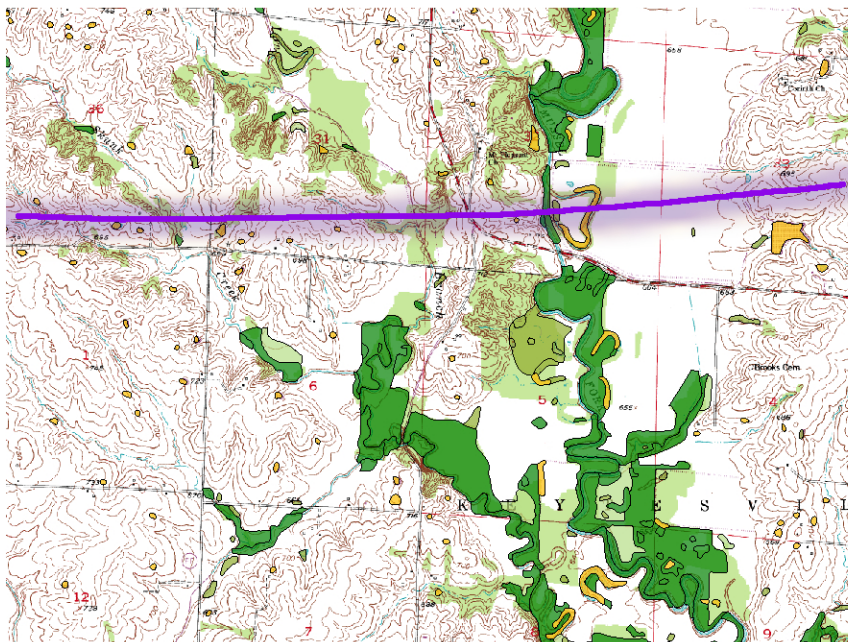


Figure N-2f
Long Branch

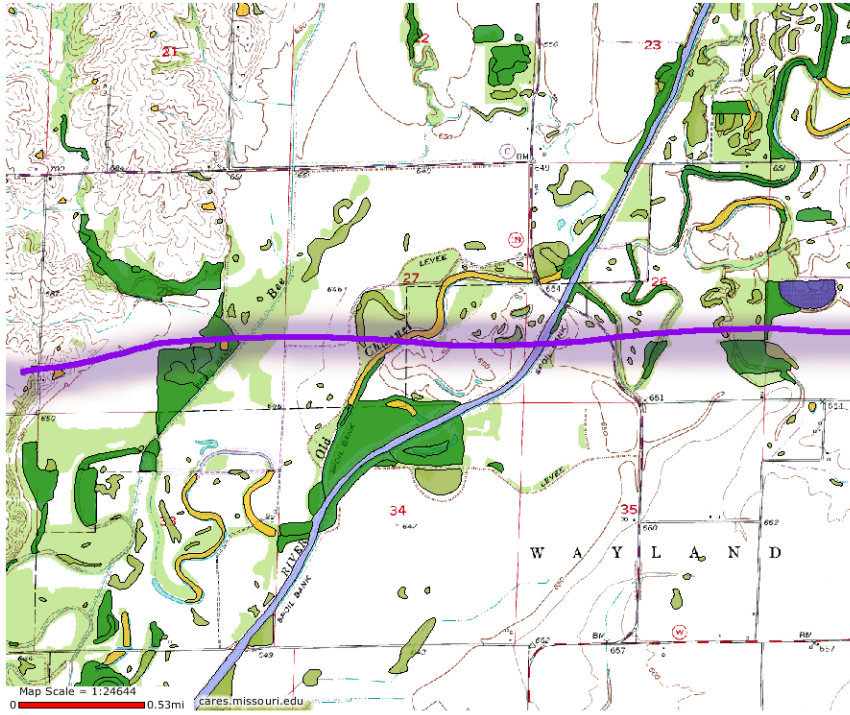


Figure N-2g
Chariton River