## APPENDIX E.5: DECEMBER 2015 EVENT INUNDATION MAPS

## **B2 B3** Strang C2 OSAGE HILLS Sportsman Acres Snake Creek 1269 ft Map Source: Esri, NASA, NGA, USGS, FEMA, Missouri Dept. of Conservation, Missouri DNR, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA

## Downstream Model Results Overview Map

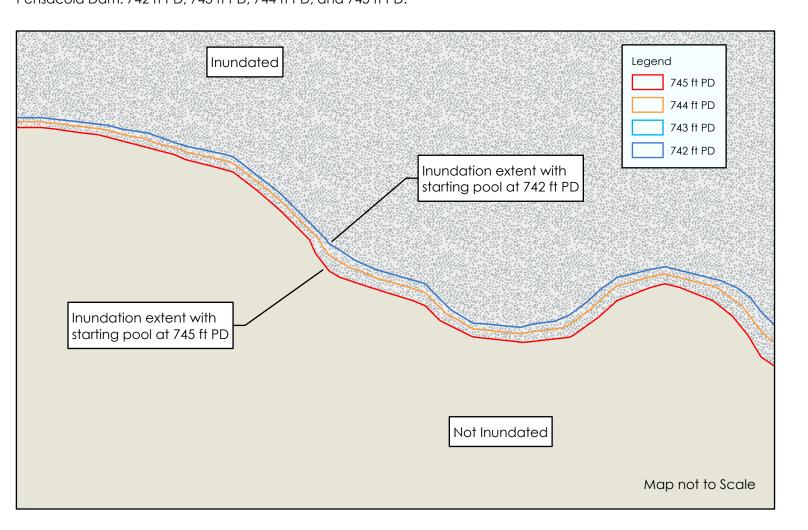
Pensacola Dam GRAND RIVER DAM AUTHORITY
Date: August 2021

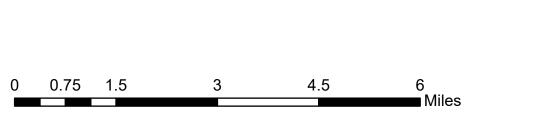
#### Overview Map Legend 1:24,000-scale Map Sheet **Road Class County Boundary** Municipality US Highway

#### **Inundation Scenario Mapping**

Mapping shows the extent of inundation for the selected hydraulic event under different starting pool elevations at Pensacola Dam: 742 ft PD, 743 ft PD, 744 ft PD, and 745 ft PD.

Unincorporated Unincorporated



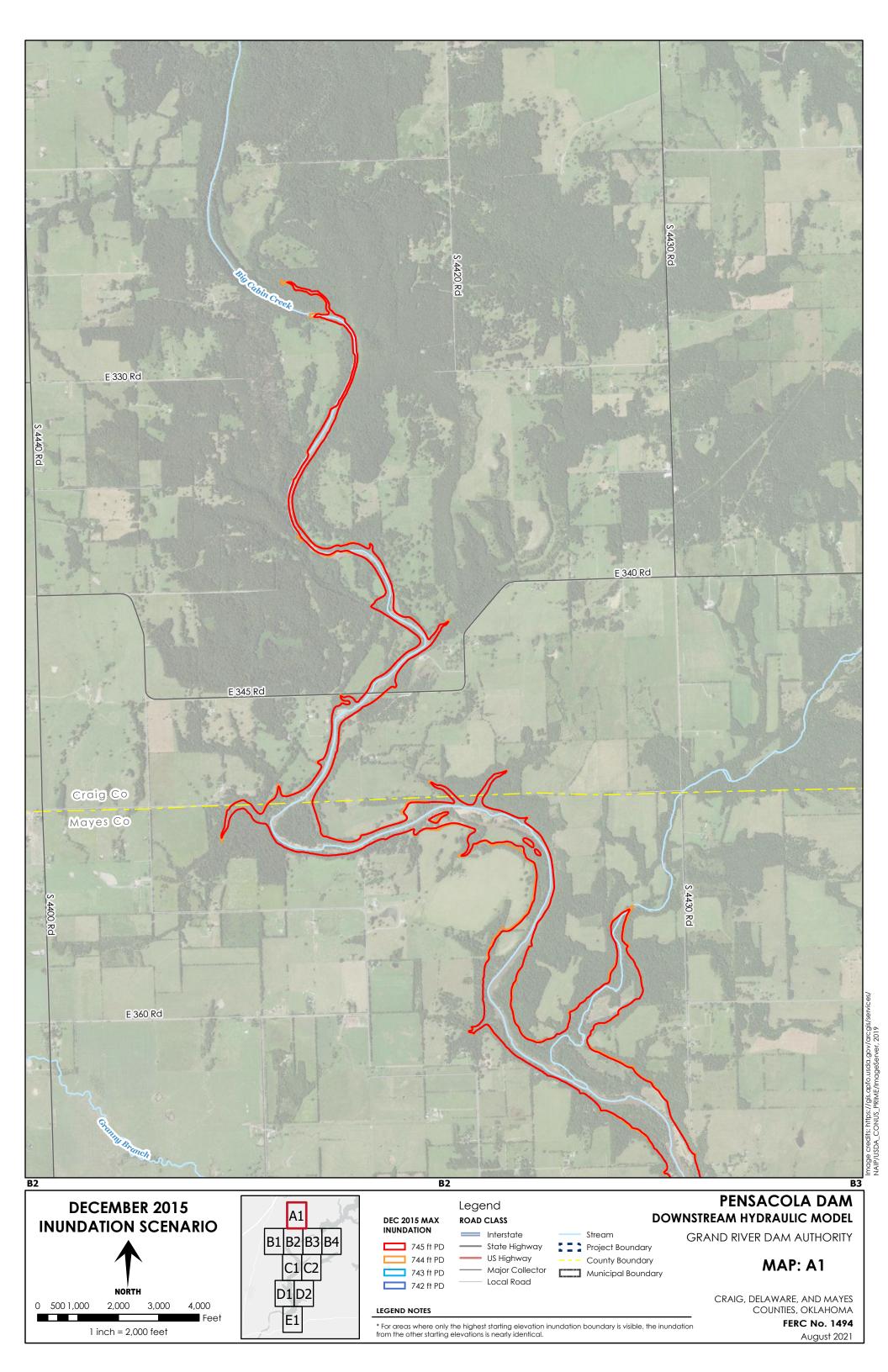


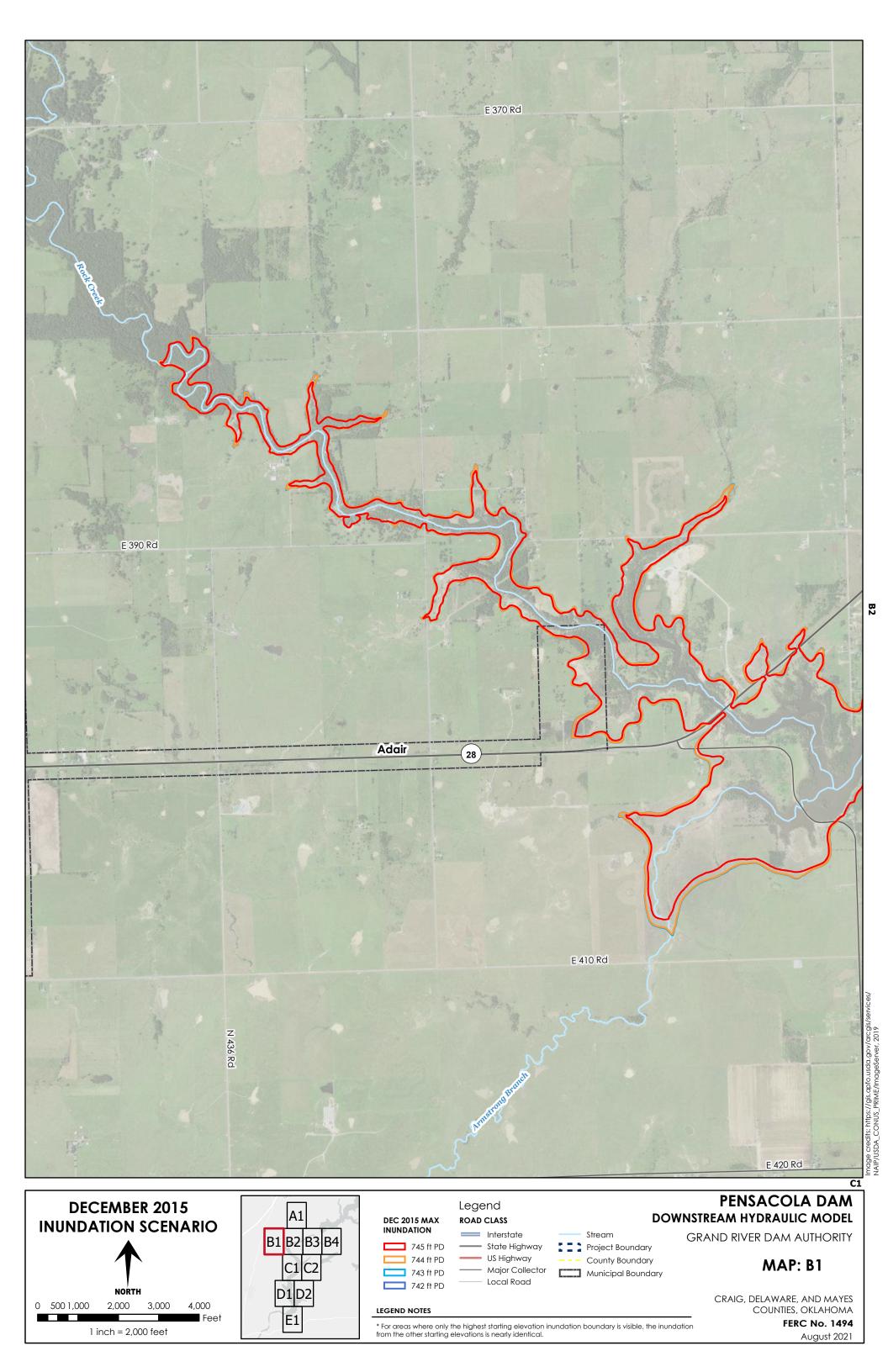


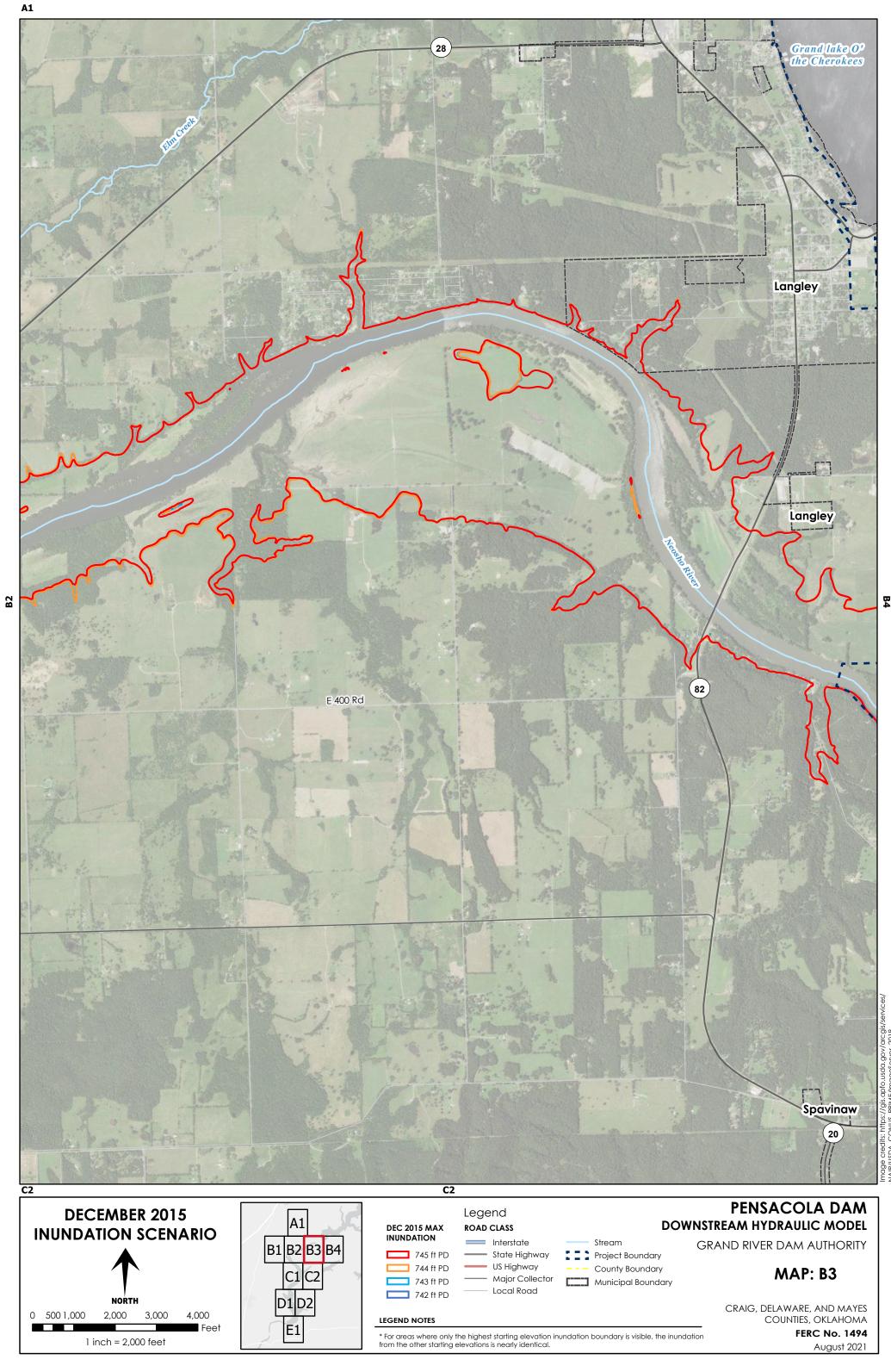
Map Notes

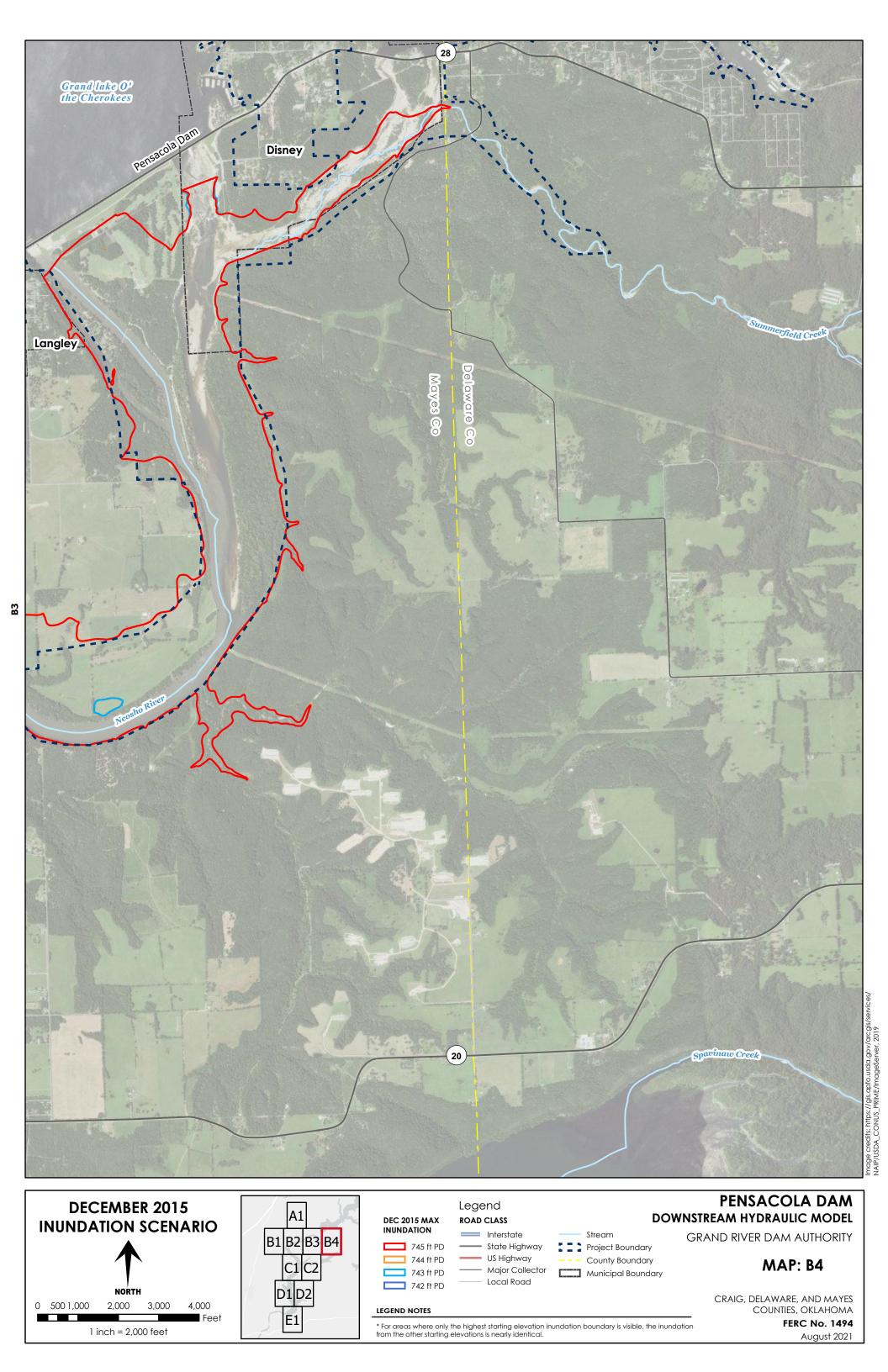
Data Sources for Maps:

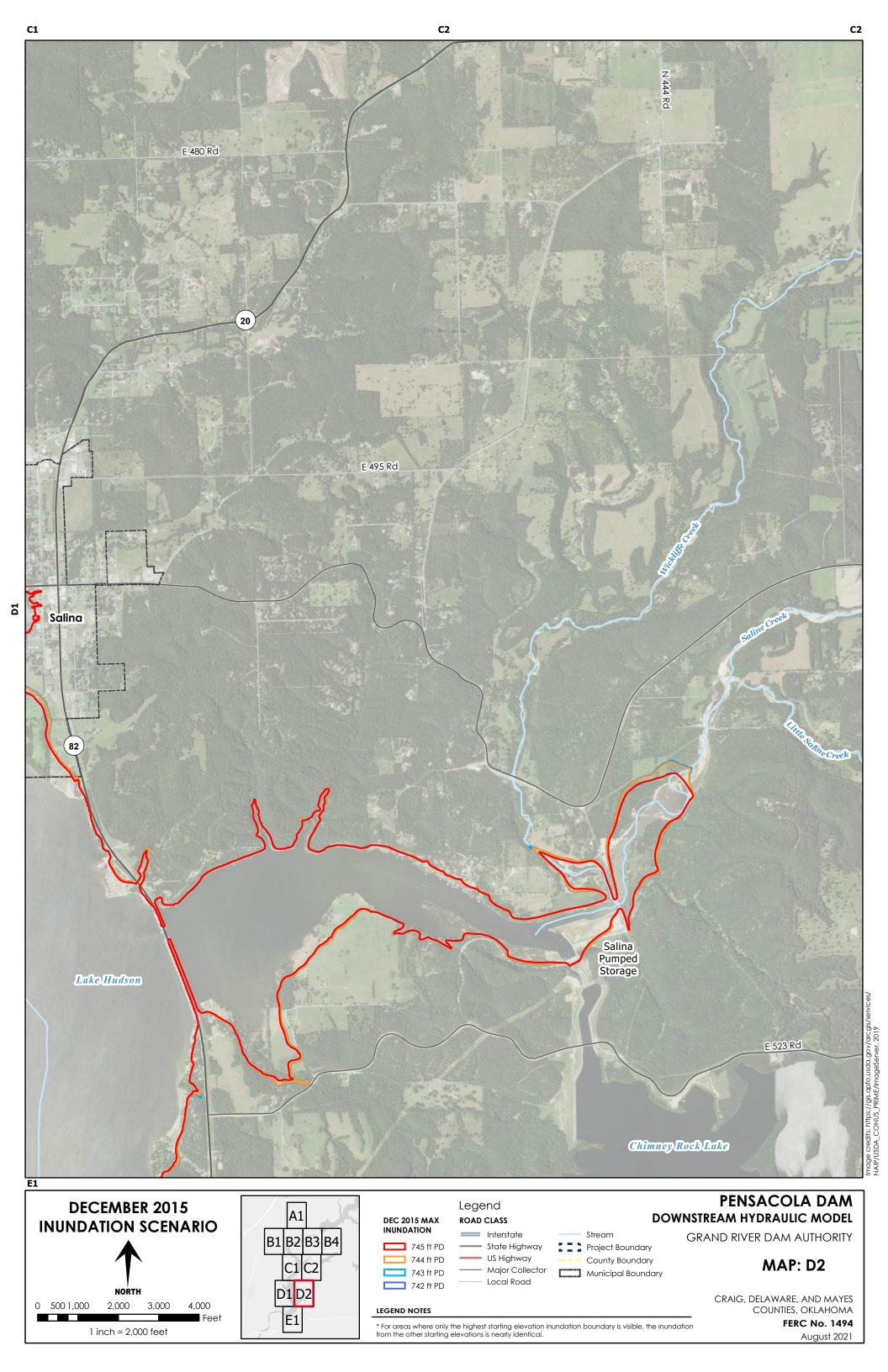
 Base map images from https://gis.apfo.usda.gov/arcgis/services/NAIP/USDA\_CONUS\_PRIME/ImageServer, 2019.
 Transportation network (major roads, local roads, and railroads) and county boundaries obtained from the Oklahoma Office of Geographic Information (http://okmaps.org/ogi/search.aspx).











#### APPENDIX E.6: 100-YEAR EVENT INUNDATION MAPS

## **B2 B3** Strang C2 OSAGE HILLS Sportsman Acres Snake Creek 1269 ft Map Source: Esri, NASA, NGA, USGS, FEMA, Missouri Dept. of Conservation, Missouri DNR, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA

## Downstream Model Results Overview Map

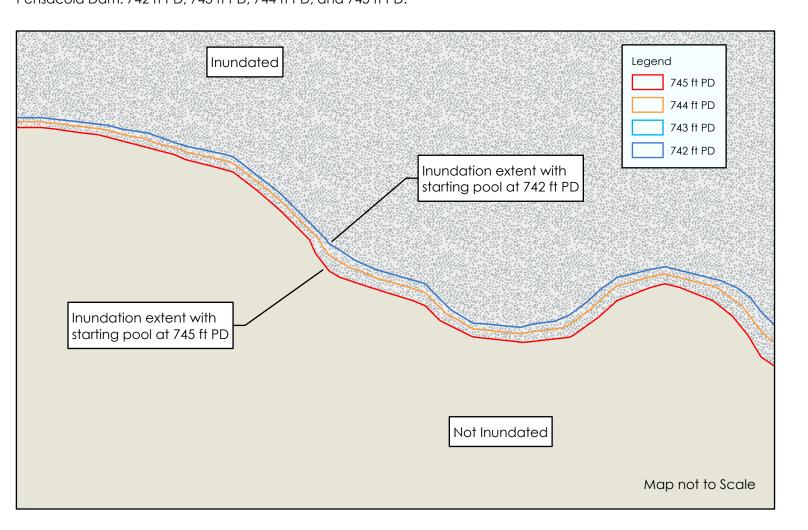
Pensacola Dam GRAND RIVER DAM AUTHORITY
Date: August 2021

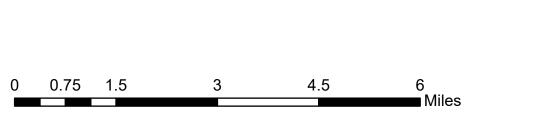
#### Overview Map Legend 1:24,000-scale Map Sheet **Road Class County Boundary** Municipality US Highway

#### **Inundation Scenario Mapping**

Mapping shows the extent of inundation for the selected hydraulic event under different starting pool elevations at Pensacola Dam: 742 ft PD, 743 ft PD, 744 ft PD, and 745 ft PD.

Unincorporated Unincorporated



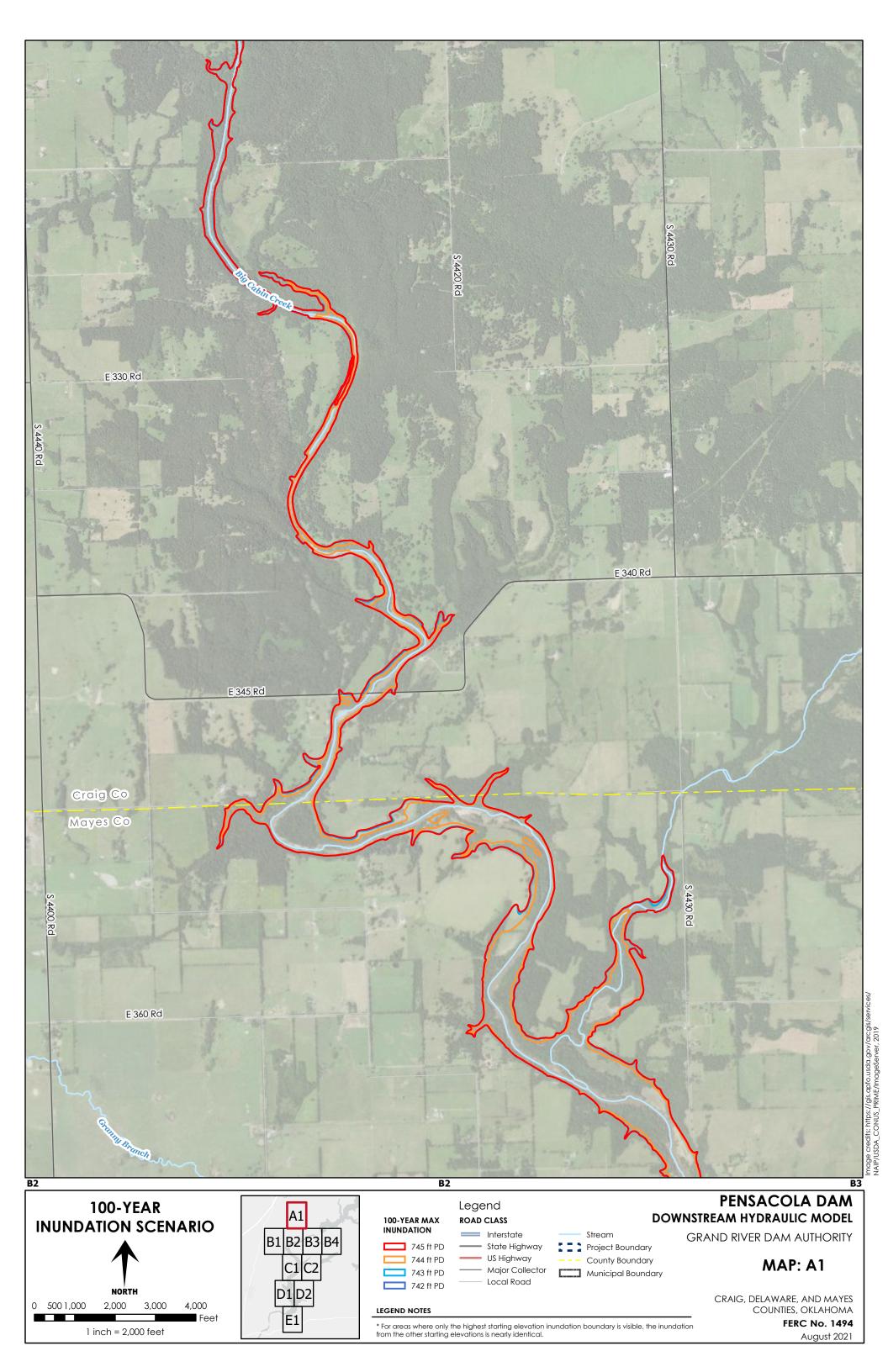


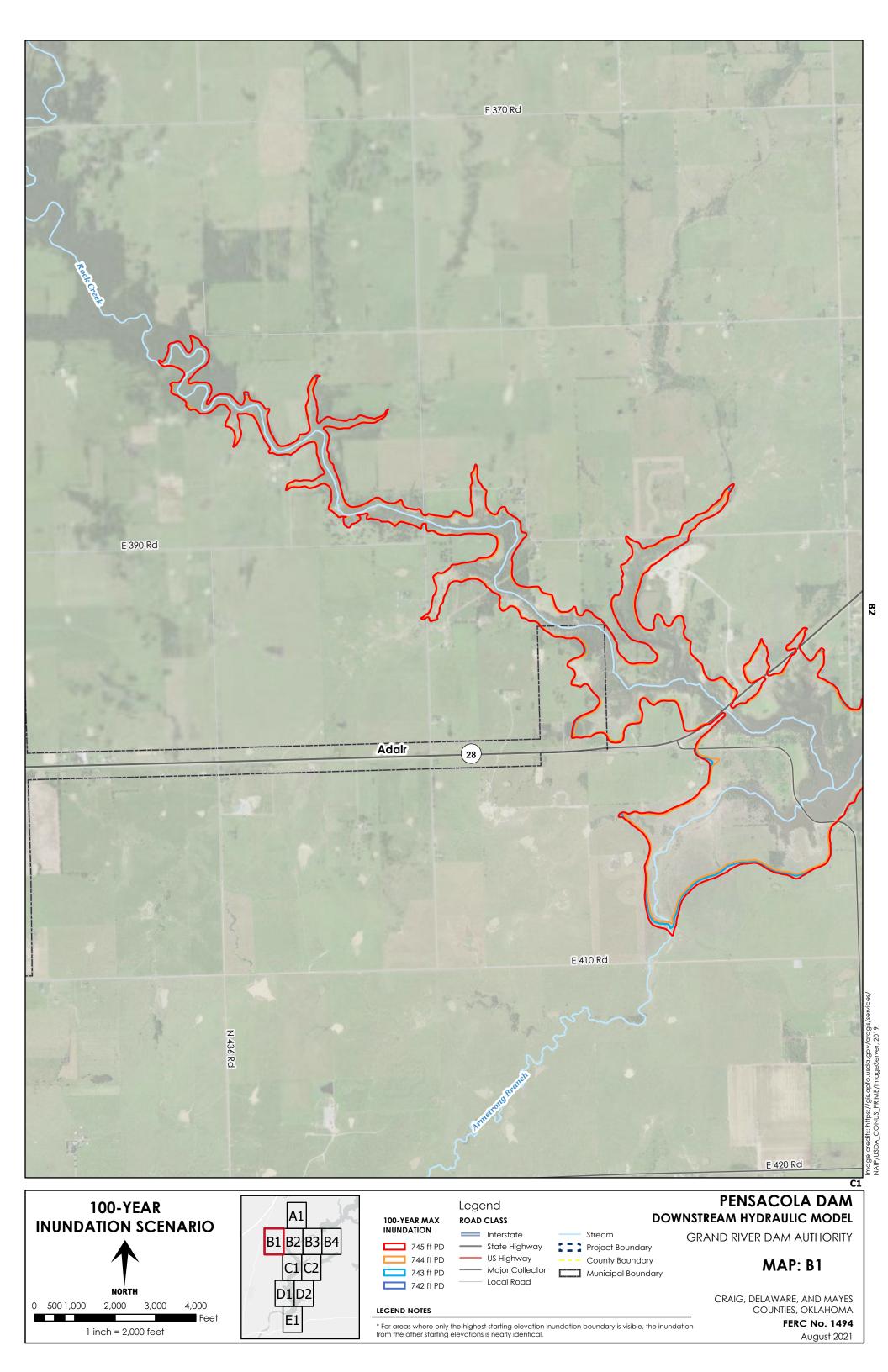


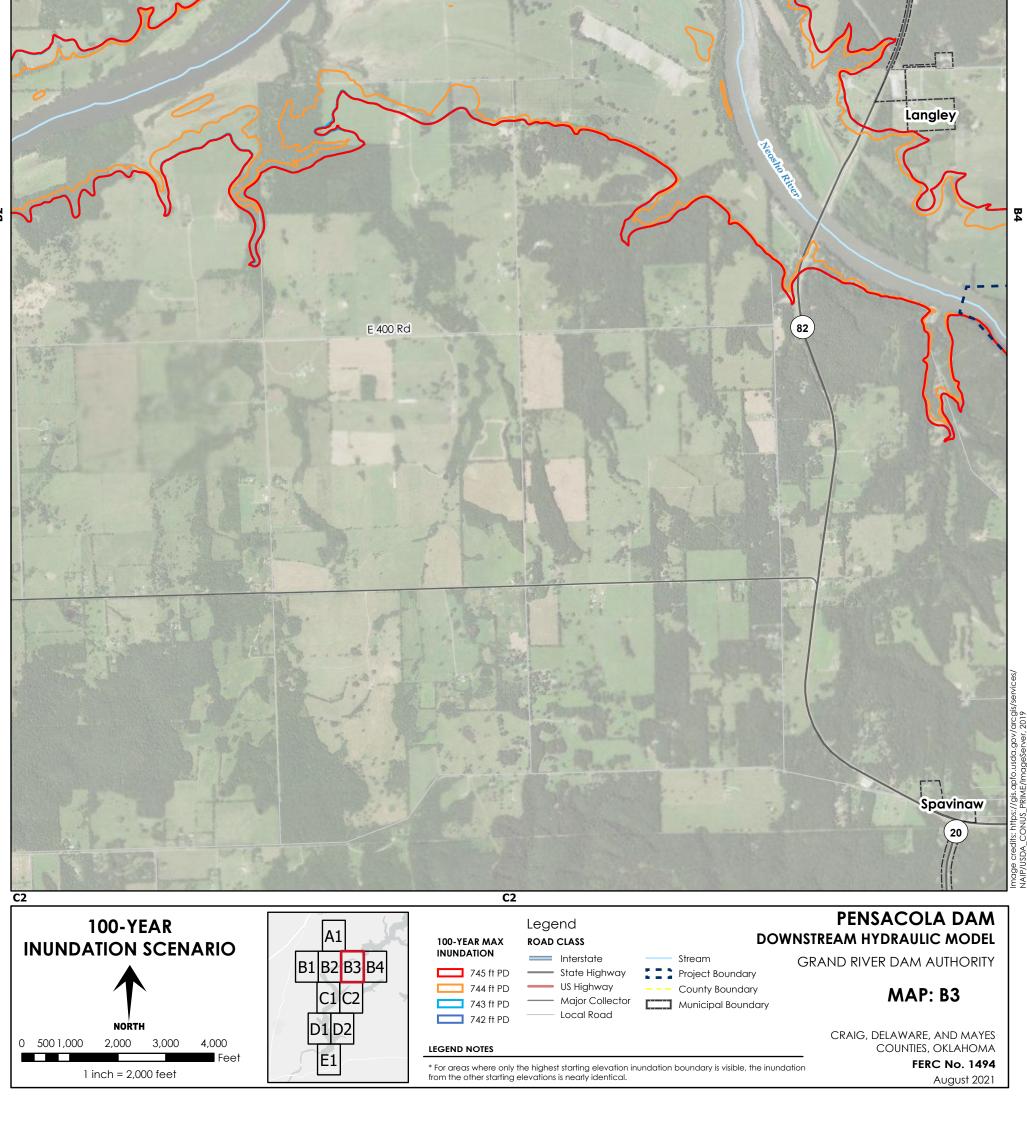
Map Notes

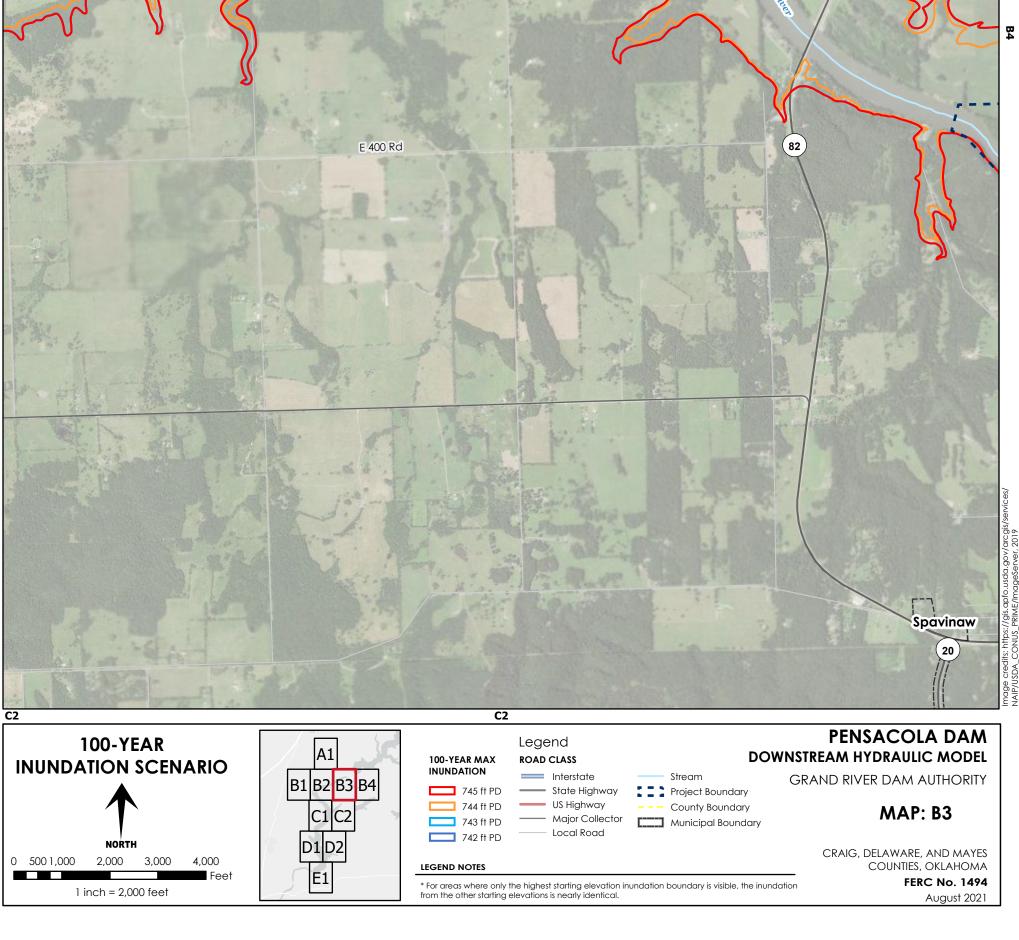
Data Sources for Maps:

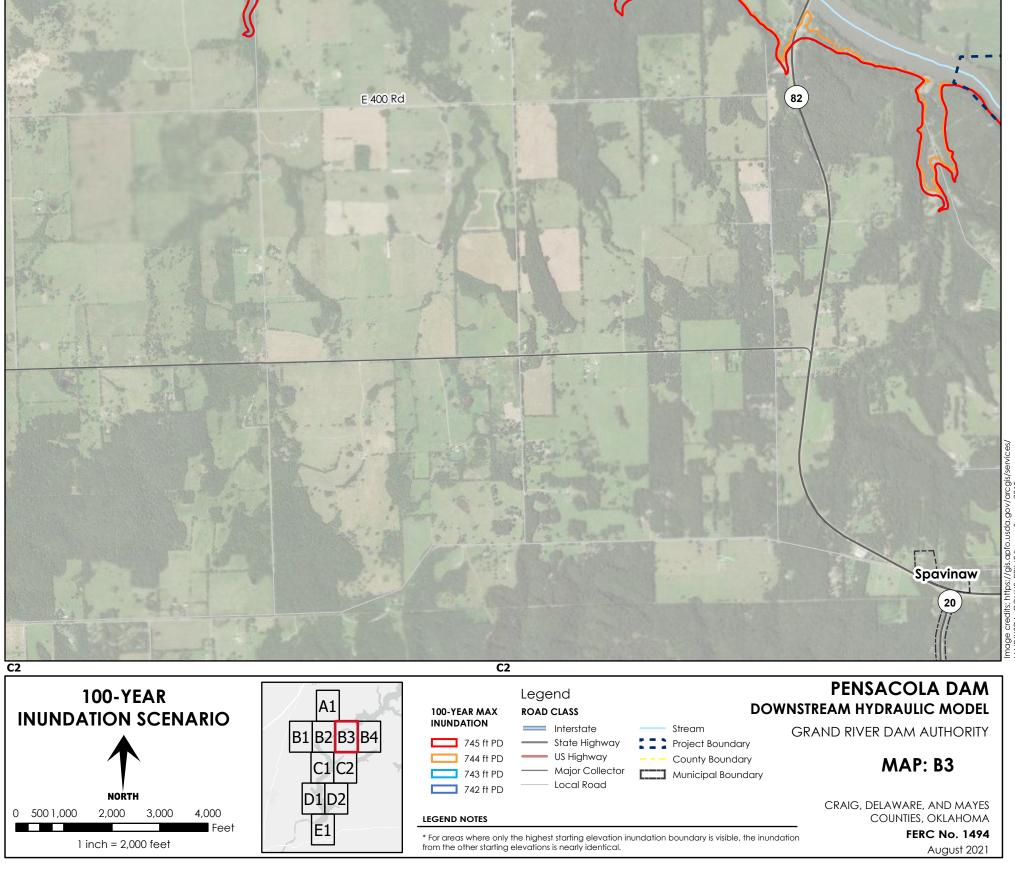
 Base map images from https://gis.apfo.usda.gov/arcgis/services/NAIP/USDA\_CONUS\_PRIME/ImageServer, 2019.
 Transportation network (major roads, local roads, and railroads) and county boundaries obtained from the Oklahoma Office of Geographic Information (http://okmaps.org/ogi/search.aspx).

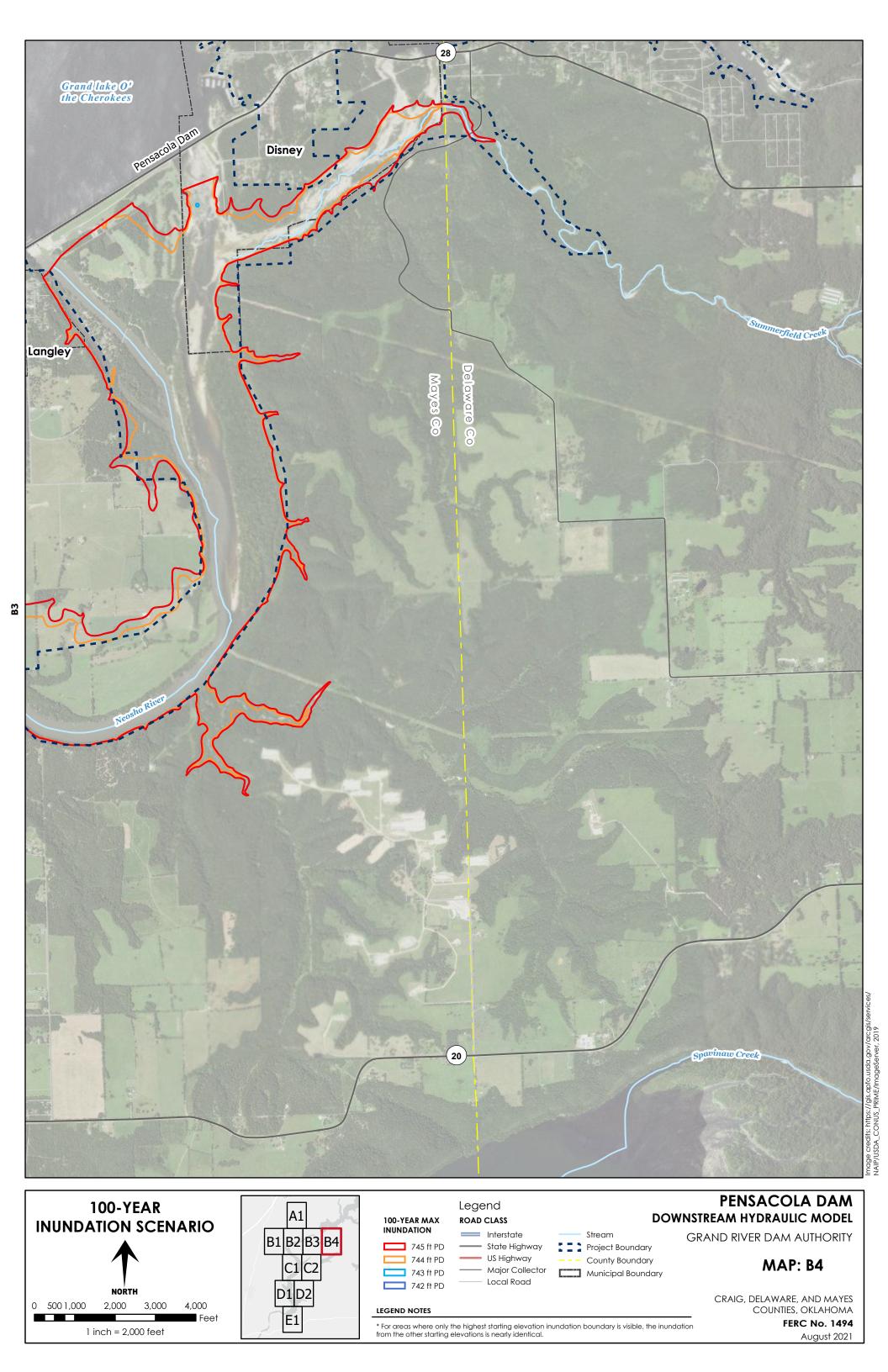


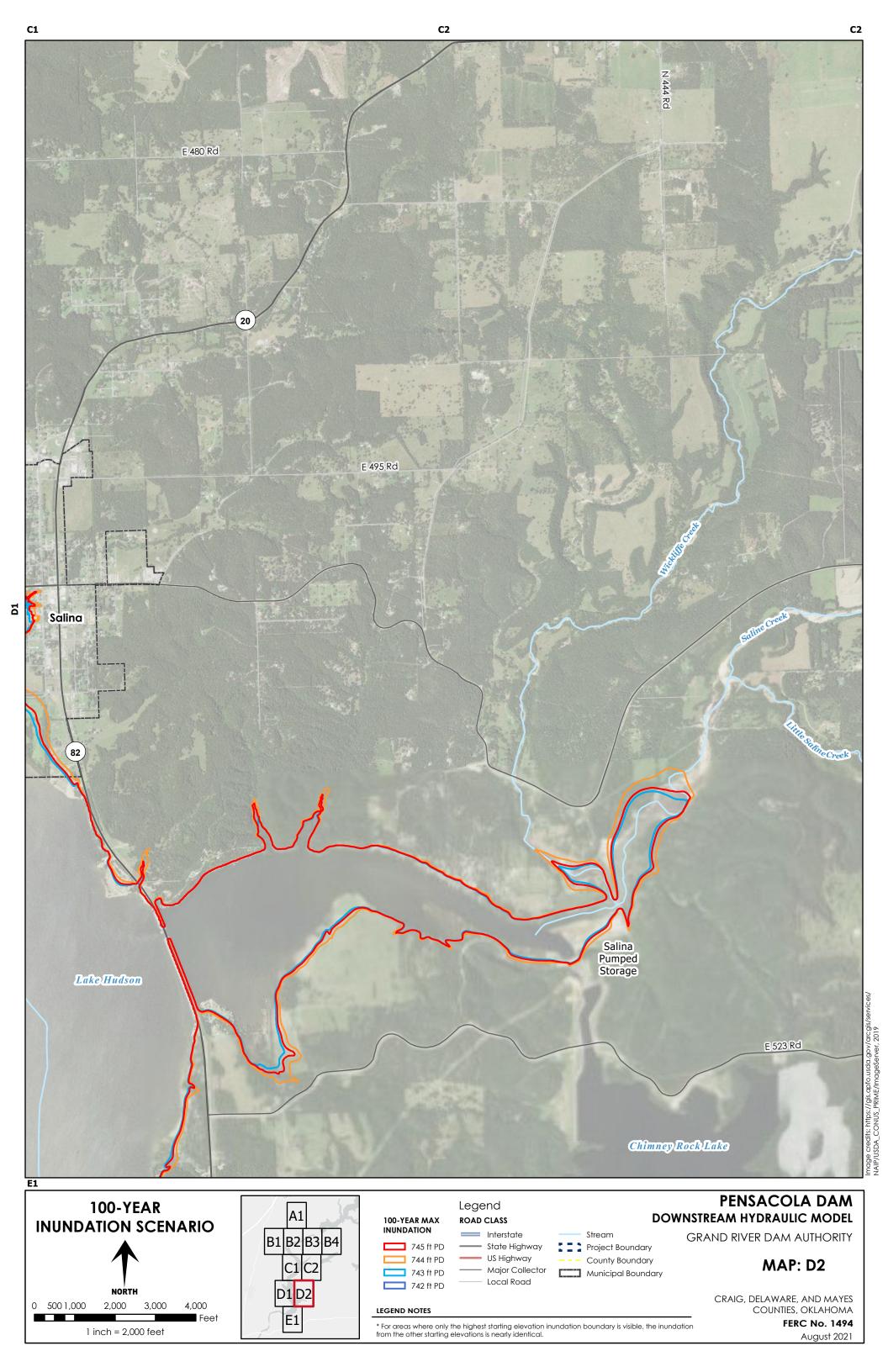












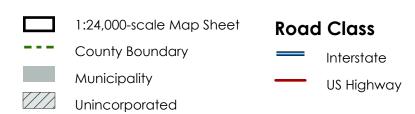
## APPENDIX E.7: HISTORICAL STARTING STAGE INUNDATION MAPS

# CRAIG COUNTY B2 **B3** OSAGE HILLS Sportsman Acres Snake Creek 1269 ft Map Source: Esri, NASA, NGA, USGS, FEMA, Missouri Dept. of Conservation, Missouri DNR, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA

## Downstream Model Results Overview Map

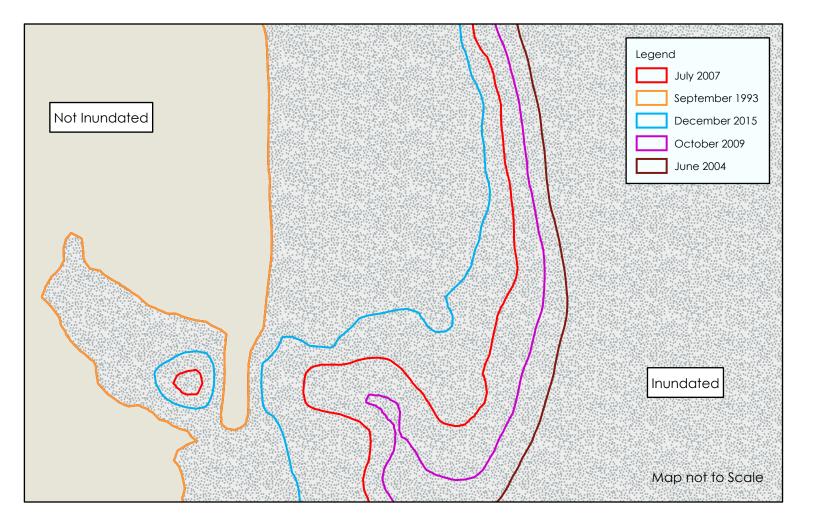
Pensacola Dam GRAND RIVER DAM AUTHORITY
Date: August 2021

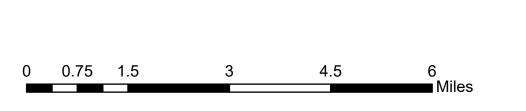
#### Overview Map Legend



#### **Inundation Scenario Mapping**

Mapping shows the extent of inundation for historical flow events, using the historical starting stage at Pensacola Dam. Pensacola Dam stage during the inflow event is calculated by the Operations Model.







#### Map Notes

Data Sources for Maps:

 Base map images from https://gis.apfo.usda.gov/arcgis/services/NAIP/USDA\_CONUS\_PRIME/ImageServer, 2019.
 Transportation network (major roads, local roads, and railroads) and county boundaries obtained from the Oklahoma Office of Geographic Information (http://okmaps.org/ogi/search.aspx).

