

## Appendixes

The nine appendixes associated with this report are available online at <https://doi.org/10.3133/ofr20161179>. Files included in each of the appendixes are described in the report text in detail. Below is a short list of files in each appendix.

### Appendix 1. Channel Cross-Section Surveys

**Field Notes Folder**—contains 16 PDF files of scanned notes for each field visit.

**Spreadsheet files**—three “Platteville Survey...” Microsoft® Excel spreadsheets with cross-section survey data, grouped by pasture number.

**CompleteSurveying Field Map.bmp**—a location map of the cross-section surveys and related information.

### Appendix 2. Eroding Bank Measurements and Photograph Points

**Bank Measurement Field Sheets Folder**—contains 81 PDF files of field measurements of eroding banks. Also included are two summary Microsoft® Excel spreadsheets “Bank Data Sheet.xls” and “BankLength.xls”.

**Bank Photographs Folder**—contains seven folders of bank photographs for each of the seven paddocks. Within each paddock folder are multiple JPG files labeled by bank number and date. “Paddock 1” folder contains a folder of additional photographs for banks 63 and 75. “Paddock 3” folder contains a folder of additional photographs for bank 14. “Paddock 4” folder contains a folder of additional photographs for bank 21. “Paddock 5” folder contains a folder of additional photographs for banks 23, 29, and 31. “Paddock 6” folder contains a folder of additional photographs for bank 39. “Paddock 7” folder contains a folder of additional photographs for bank 49.

**Bank Survey Field Maps Folder**—contains seven TIF files of scans of maps with field notes.

**Field Notes Folder**—contains 14 PDF files of field notes of additional information associated with bank photographs and erosion measurements.

### Appendix 3. Erosion Pin Measurements

**Erosion Pin Photographs Folder**—contains 143 JPG files of erosion pin related photographs.

**Field Notes Folder**—contains 19 PDF files of field notes related to erosion pin checks.

**PEEP Photographs Folder** – contains 10 folders of erosion pin photographs by PEEP number and date of field check. Also included are 43 JPG files of PEEP related photos.

**Spreadsheet files**—five Microsoft® Excel spreadsheets of erosion pin data and PEEP data.

### Appendix 4. Longitudinal Profile Surveys

**Spreadsheet files**—two Microsoft® Excel spreadsheets of longitudinal profile and cattle crossing data.

## Appendix 5. In-Channel Soft Sediment Depth and Volume

**August 2009 Soft Sed Survey Folder**—contains six photographs of measuring soft sediment.  
**08\_11\_2009.tif**—scan of hand written field notes on a map.  
**Spreadsheet file**—one Microsoft® Excel spreadsheet of soft sediment depth and volume calculations.

## Appendix 6. Geographic Information System Analyses of Reach Characteristics

**Pioneer Farm GIS Shapefiles and Metadata Folder**—contains multiple files associated with geospatial data, including eight shapefiles and metadata files.  
**CaptureofPioneerFarmGISMapFile.JPG**—example of a GIS map file.  
**Pioneer Farm Package.mpk**—GIS map package.

## Appendix 7. Sediment Bulk Density

**Bulk Density Sampling Photographs 072308 Folder**—contains 30 photographs of bulk density.  
**2008 07 22 - sampling - pioneerfarm.pdf**—scan of field notes from bulk density sampling.  
**Spreadsheet file**— one Microsoft® Excel spreadsheet of bulk density laboratory results.

## Appendix 8. Time Lapse Photographs

**Time-Lapse Folder**—contains one folder “DC265\_01” that contains five folders of time-lapse photographs. Also contains 240 photographs from the time lapse camera.  
**PDF files** – three PDF files with scans of field notes from camera checks.  
**JPG files**—two JPG files with photos of time-lapse camera setup

## Appendix 9. Miscellaneous Photographs and Field Notes

**Cattle Photographs Folder**—contains seven folders of cattle photographs doing various activities. Contains 63 additional JPG files of cattle photographs.  
**Field Notes Folder**—contains 42 PDFs of scanned field notes.  
**Matching Sets of Photographs Folder**—contains seven folders for matching sets of bank photographs as well as an Adobe® Illustrator file of bank 14.  
**Miscellaneous Photos Folder**—contains 25 folders of various types of photographs as well as 105 JPG files of miscellaneous photographs.