Appendix C: Maps and References

I. Supplemental Hazard-Specific Information

Flood Analysis Maps (Flood Zones, Dams, Critical Infrastructure) by Jurisdiction

Flood Area Parcel Value Table by Jurisdiction

Critical Infrastructure Tables by Jurisdiction

100-Year Floodplain and Selected Critical Infrastructure Map and Table by Jurisdiction

Levee-Protected Areas and Selected Critical Infrastructure Map and Table by Jurisdiction

Dam Inundation Maps for Jackson County

II. Supplemental Jurisdiction-Specific Information

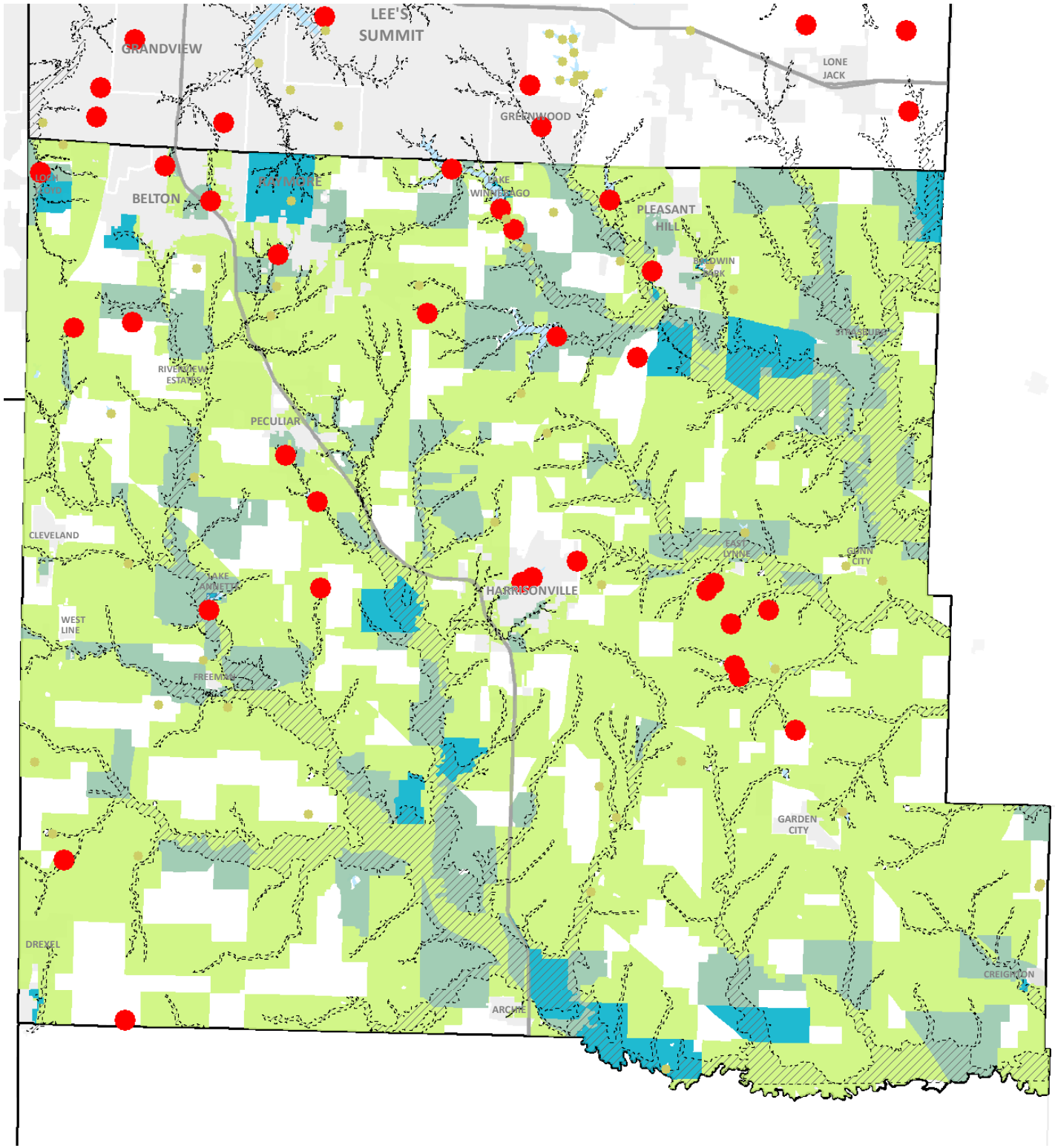
Land Use Acreage Tables by Jurisdiction

Population and Employment Forecast Table by Jurisdiction

Vulnerable Populations Table by Jurisdiction

Building Counts and Valuation Tables by Jurisdiction

Cass County Flood Loss Estimates (HAZUS)



Hazard Level of Dams
- Low
- Significant
- High
- HAZUS Flood Boundary

Total Direct Economic Loss ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 1,458

Total Loss : $75,444,000

Building Loss : $40,821,000

Contents Loss : $33,415,000

Inventory Loss : $794,000

Wage Loss : $371,000

Income Loss : $29,000

Relocation Costs : $13,000

Rental Income Loss : $1,000

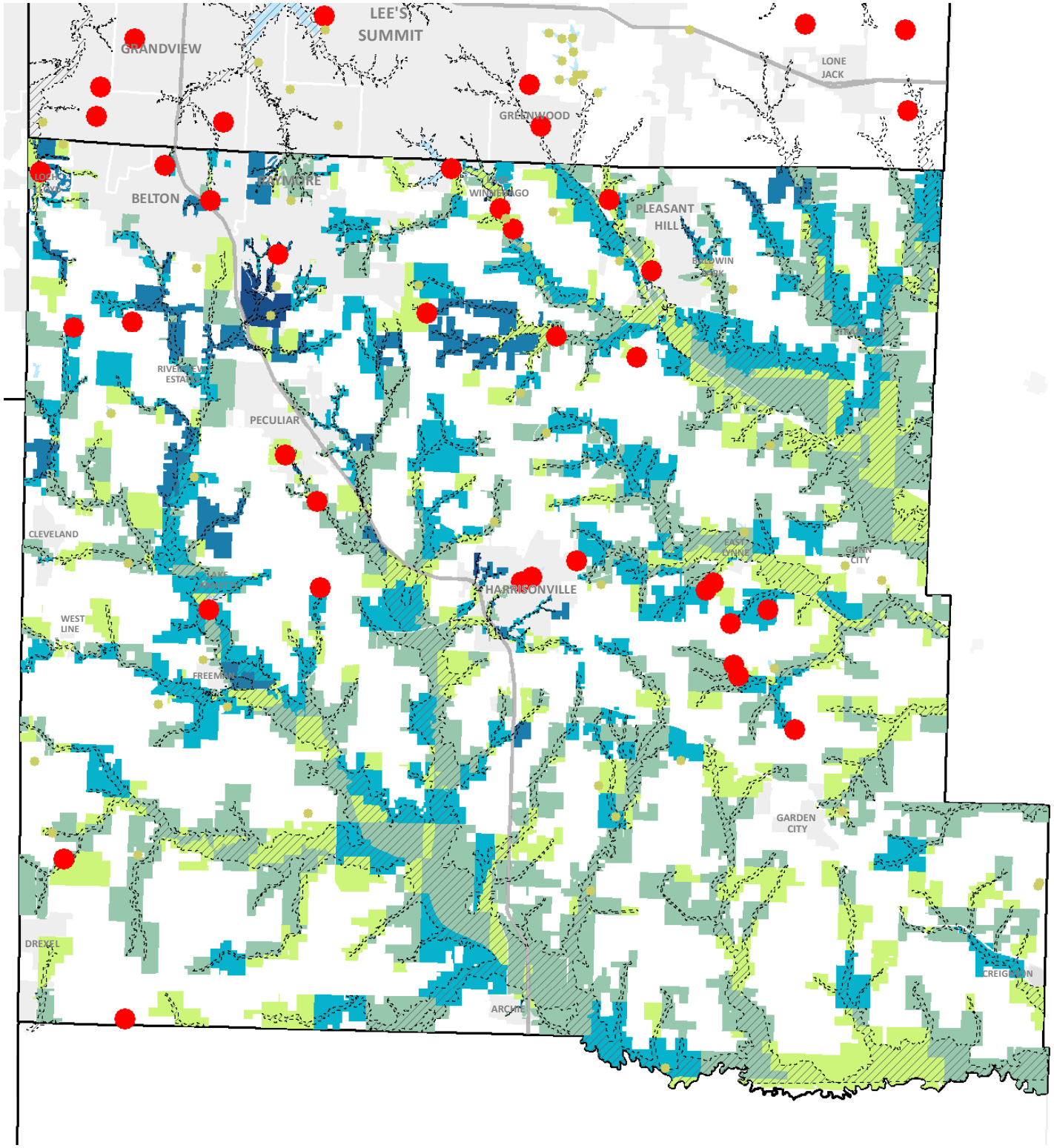
Buildings in Flood Boundary : 1,759

Buildings in Leveed Area : 0

Note: HAZUS estimates for General Building Stock are based on Census block level geographies.

Appendix C: Flood Analysis Maps by Jurisdiction
(48 Pages)

Cass County Flood Loss Estimates (Parcels)



Hazard Level of Dams

- Low
- Significant
- High
- HAZUS Flood Boundary

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 6,673

Improvement Value : $566,109,470

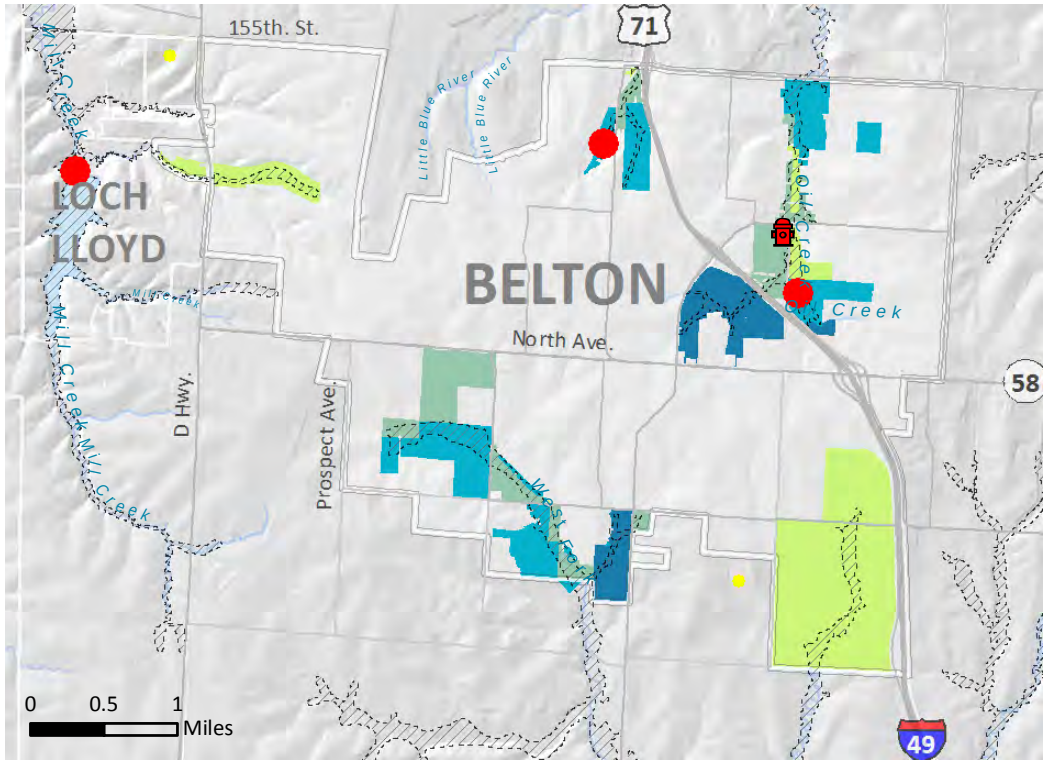
Land Value : $180,925,380

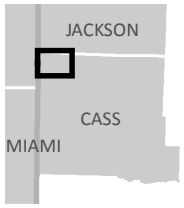
Total Value : $747,034,850

Buildings in Flood Boundary : 1,759

Buildings in Leveed Area : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county. Parcels have been aggregated/dissolved by census block geographies for comparison with HAZUS data.





Belton Flood Loss Estimates (Parcels)

Total affected parcels : 246

Total Imprvmt. Value : $24,699,980

Total Land Value : $8,882,310

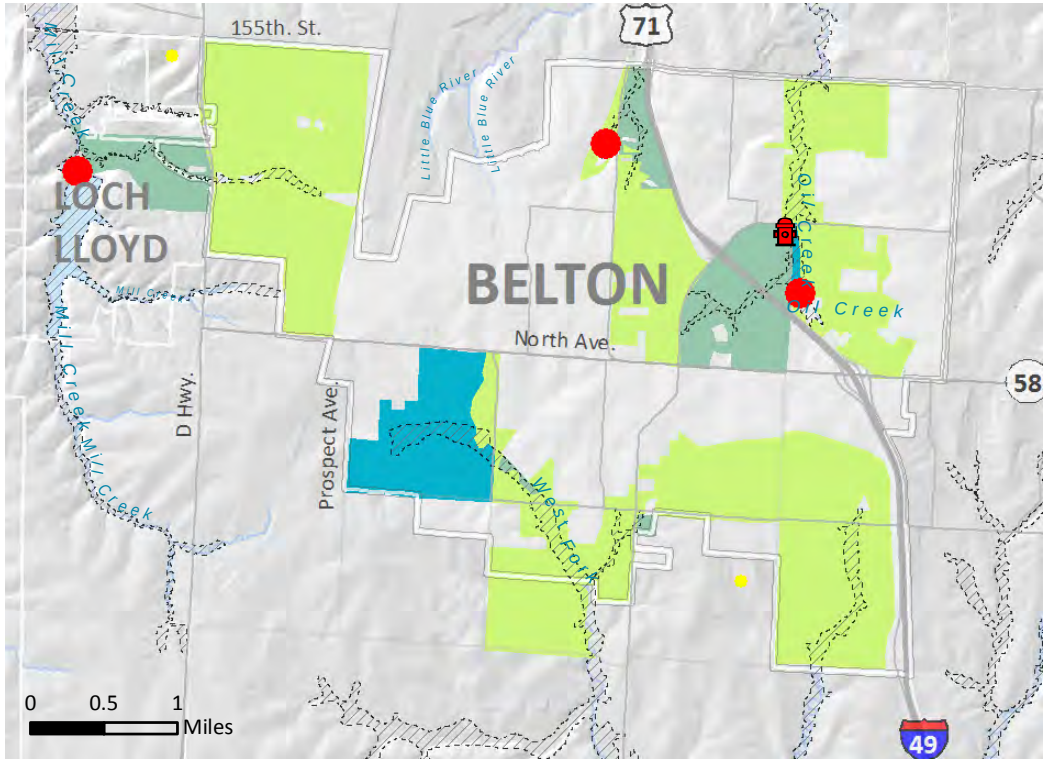
Total Value : $33,582,290

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 178

Note: Parcel estimates for loss are based on 2012 county parcel data for improvement value. Parcels have been aggregated / dissolved by census block geographies for comparison with HAZUS data.



Belton Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 63

Total Loss : $4,143,000

Building Loss : $1,618,000

Contents Loss : $2,412,000

Other Loss : $113,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 178

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

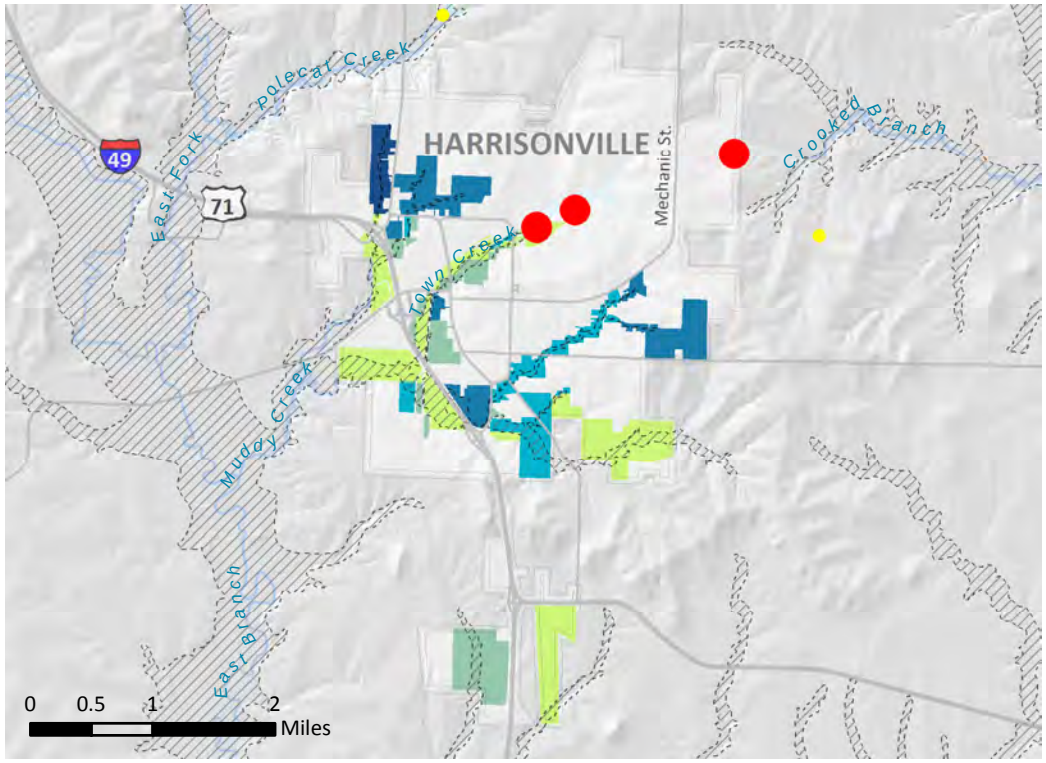
Critical Facilities in Flood Boundary

- Fire (1)

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Harrisonville Flood Loss Estimates (Parcels)

Total affected parcels : 275

Total Imprvmt. Value : $50,390,790

Total Land Value : $12,774,270

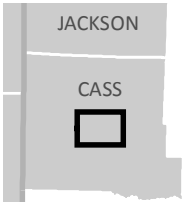
Total Value : $63,165,060

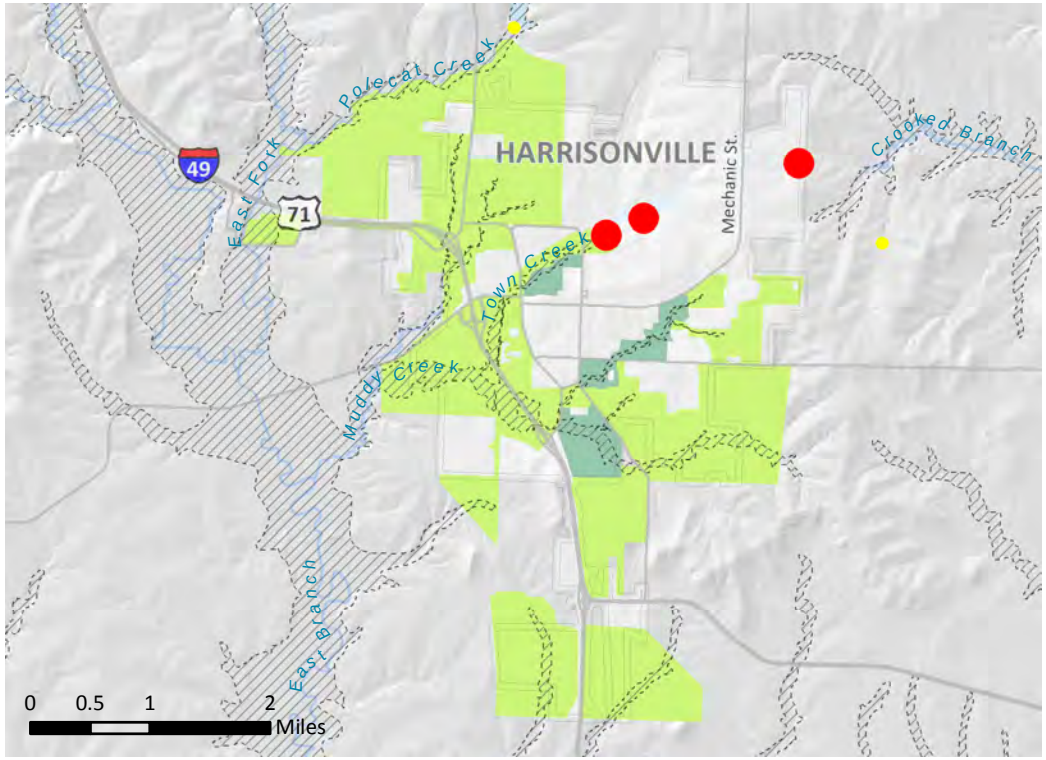
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 67

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.





Harrisonville Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 76

Total Loss : $2,862,000

Building Loss : $1,040,000

Contents Loss : $1,738,000

Other Loss : $113,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

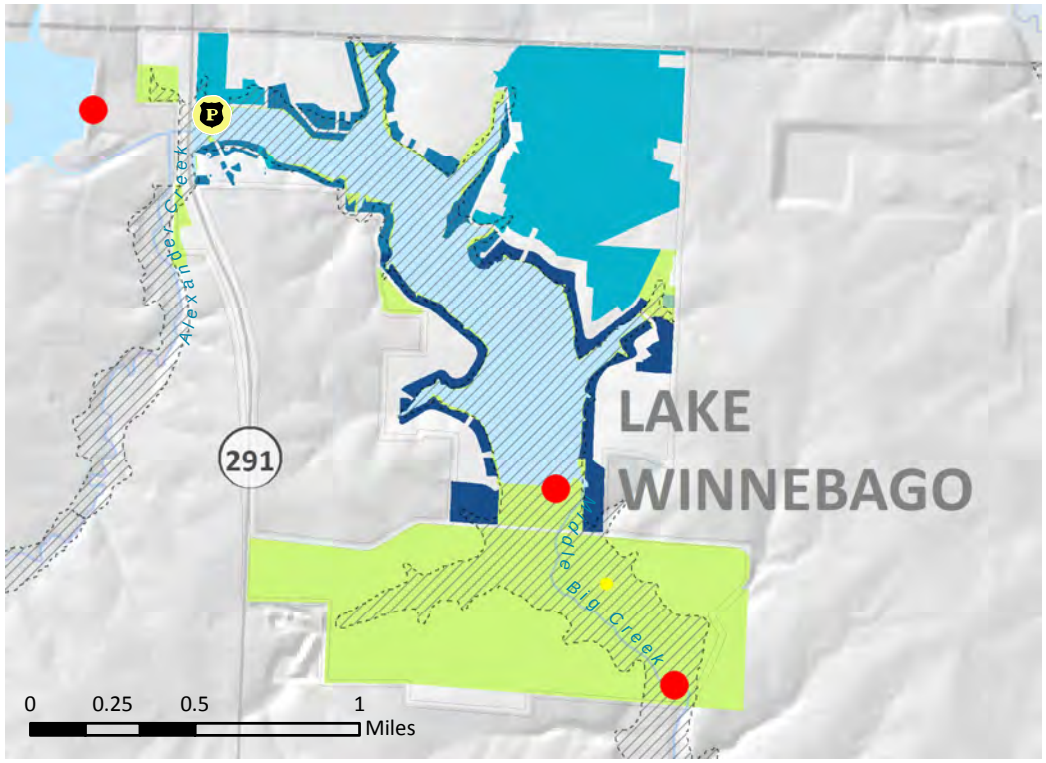
Buildings in Flood Boundary : 67

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Lake Winnebago Flood Loss Estimates (Parcels)

Total affected parcels : 320

Total Imprvmt. Value : $69,262,250

Total Land Value : $23,476,590

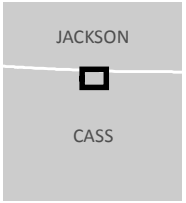
Total Value : $92,738,840

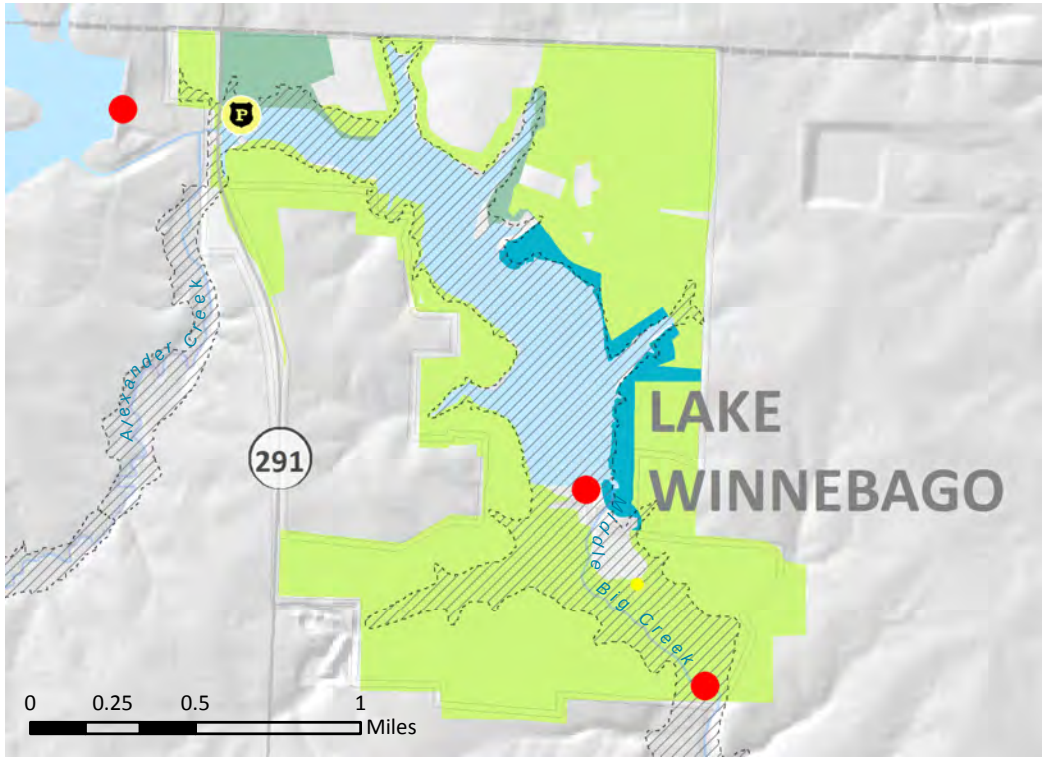
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 106

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.





Lake Winnebago Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 39

Total Loss : $1,755,000

Building Loss : $1,011,000

Contents Loss : $700,000

Other Loss : $44,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 106

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

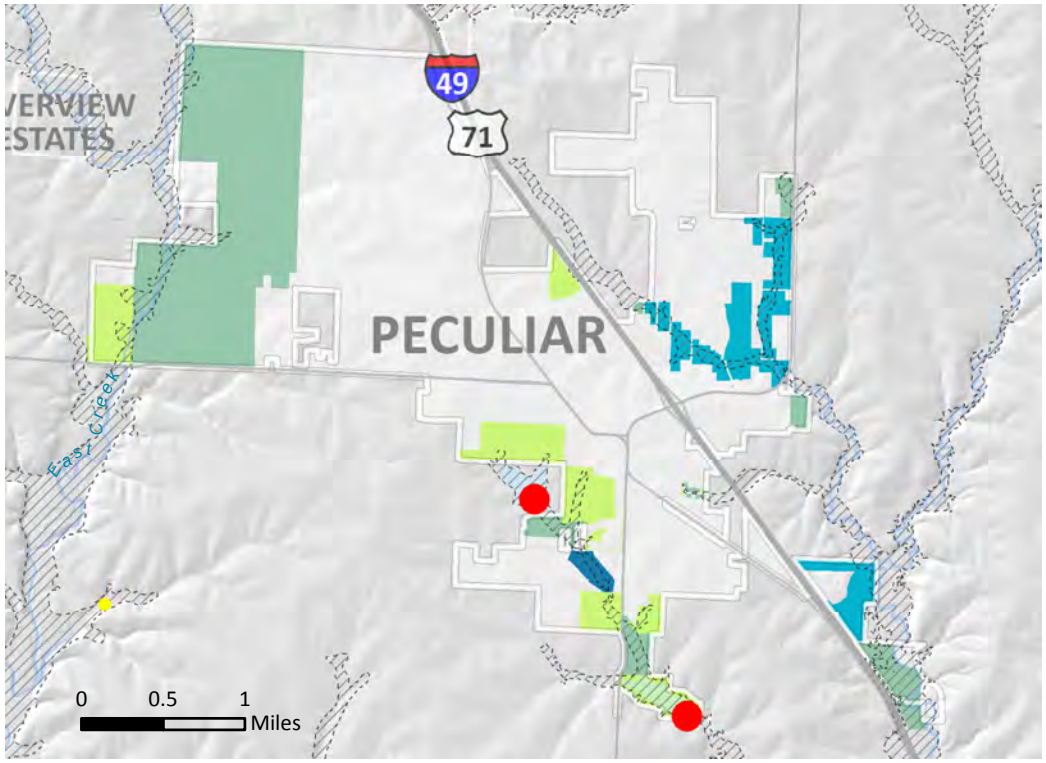
Critical Facilities in Flood Boundary

- Police (1)

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Peculiar Flood Loss Estimates (Parcels)

Total affected parcels : 165

Total Imprvmt. Value : $13,861,310

Total Land Value : $3,667,210

Total Value : $17,528,520

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 50

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.

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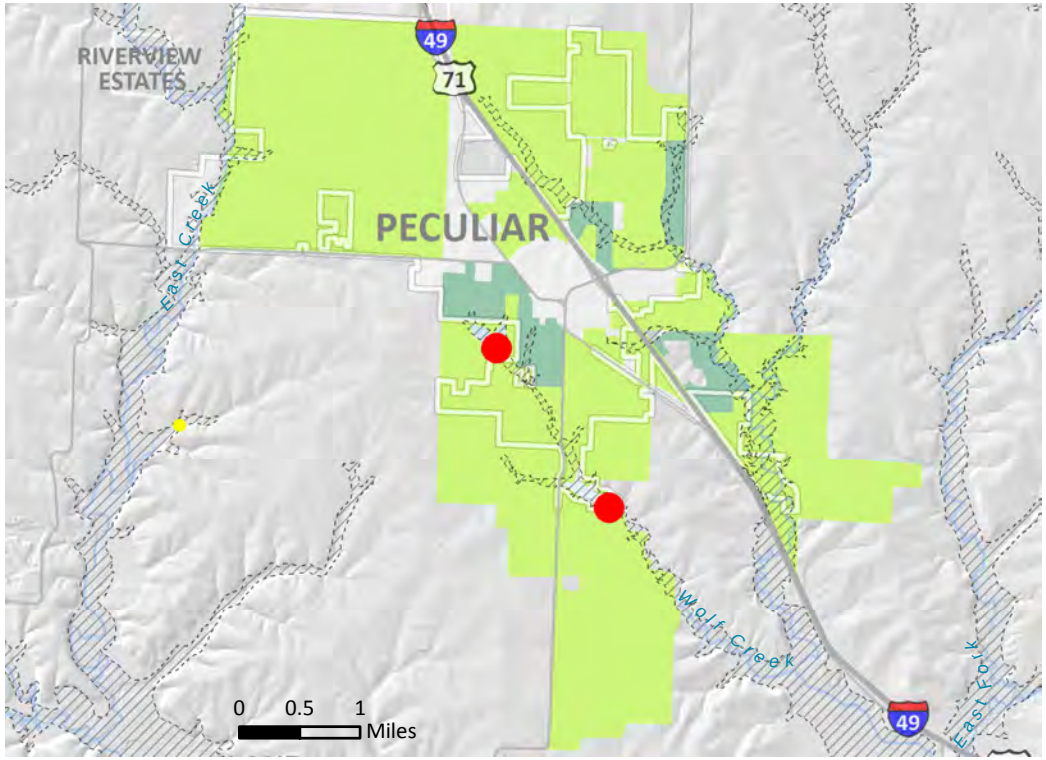


Peculiar Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 56

Total Loss : $1,768,000

Building Loss : $1,015,000

Contents Loss : $737,000

Other Loss : $16,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

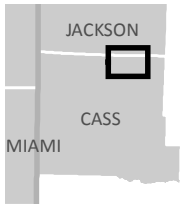
Buildings in Flood Boundary : 50

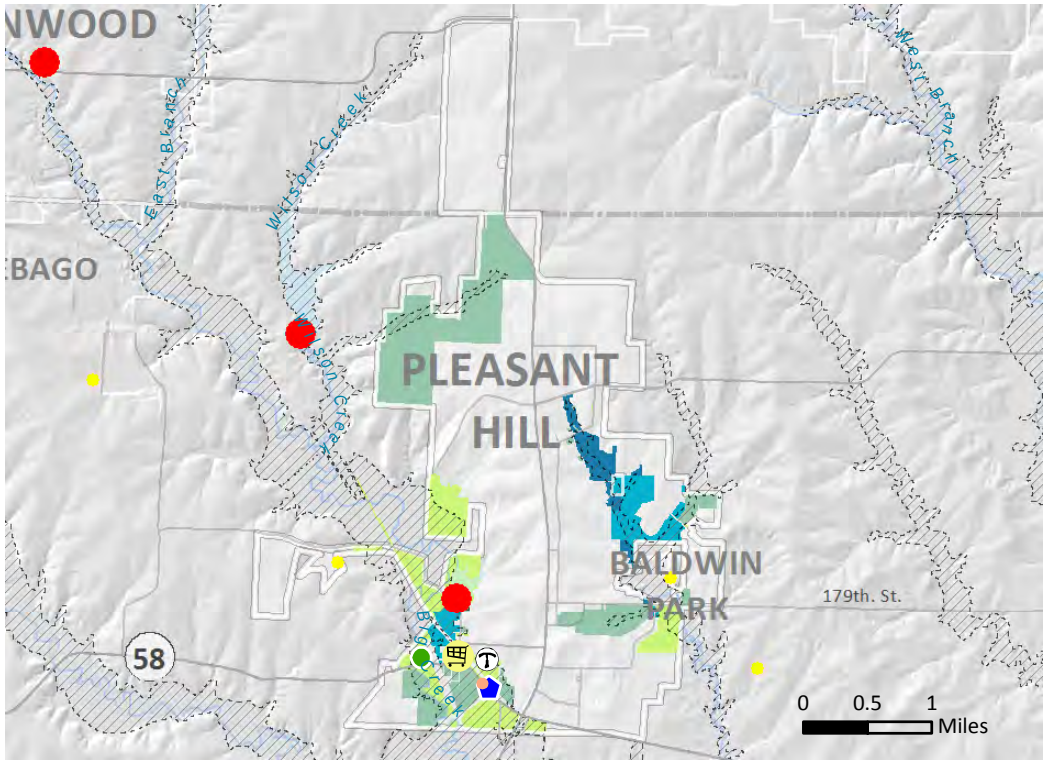
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Pleasant Hill Flood Loss Estimates (Parcels)

Total affected parcels : 365

Total Imprvmt. Value : $18,028,120

Total Land Value : $6,062,830

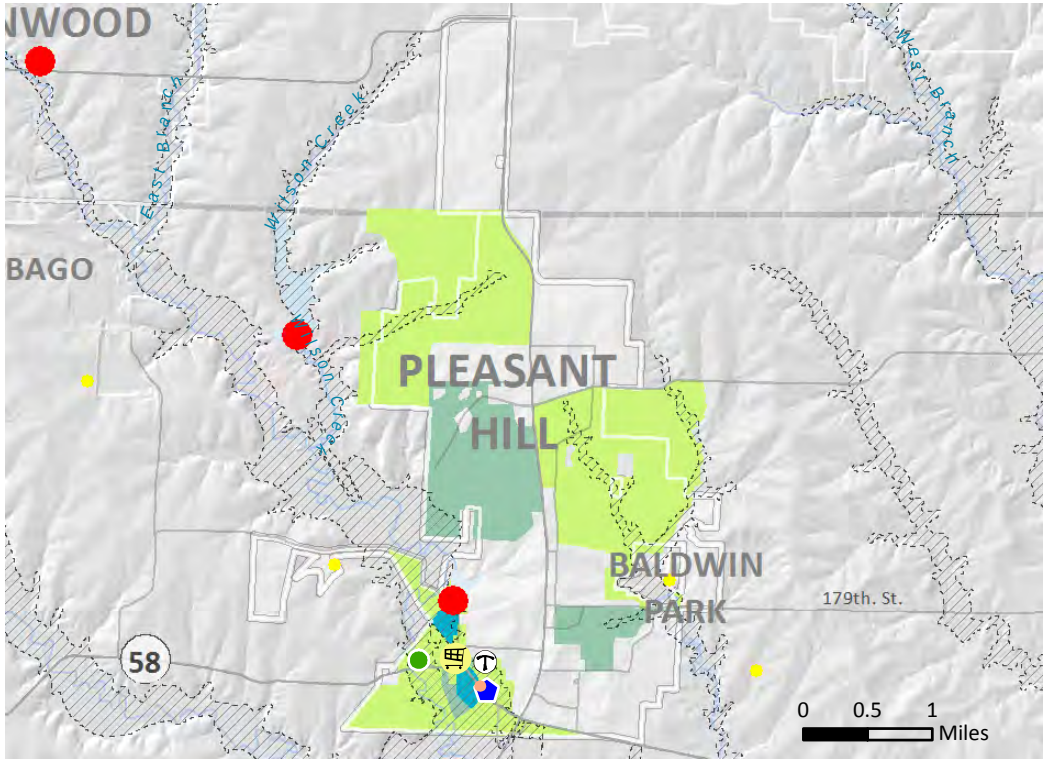
Total Value : $24,090,950

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 108

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Pleasant Hill Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 61

Total Loss : $5,723,000

Building Loss : $2,092,000

Contents Loss : $3,373,000

Other Loss : $258,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 108

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

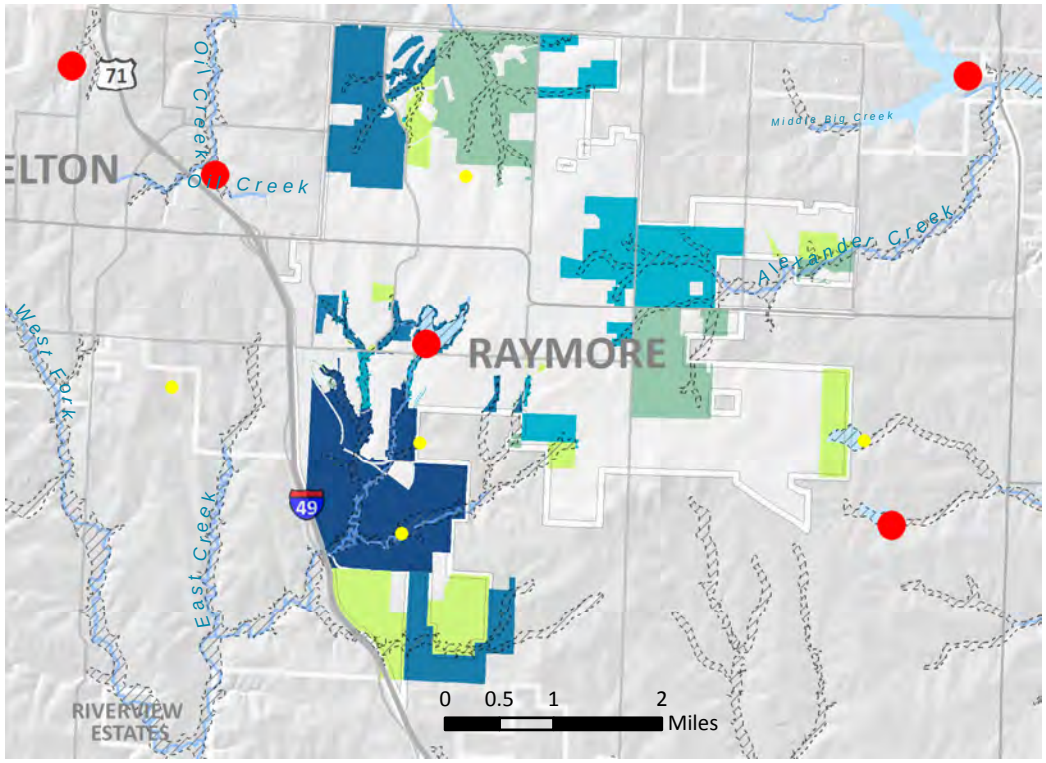
Critical Facilities in Flood Boundary

- Tier II (1)
- EPA FRS Facility (1)
- Shopping Center (1)
- Bridge (1)
- Trailer park (1)

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Raymore Flood Loss Estimates (Parcels)

Total affected parcels : 501

Total Imprvmt. Value : $58,786,270

Total Land Value : $16,234,760

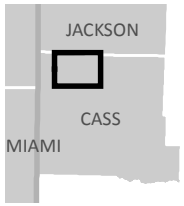
Total Value : $75,021,030

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 130

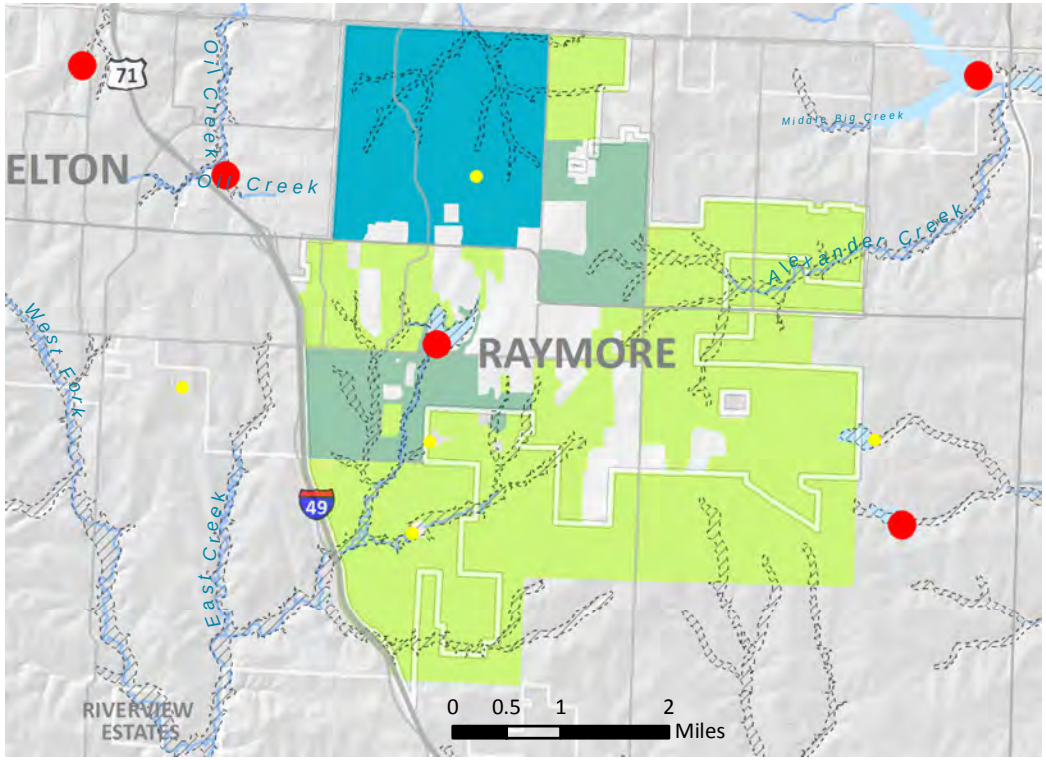
Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Raymore Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 41

Total Loss : $2,201,000

Building Loss : $933,000

Contents Loss : $1,244,000

Other Loss : $24,000

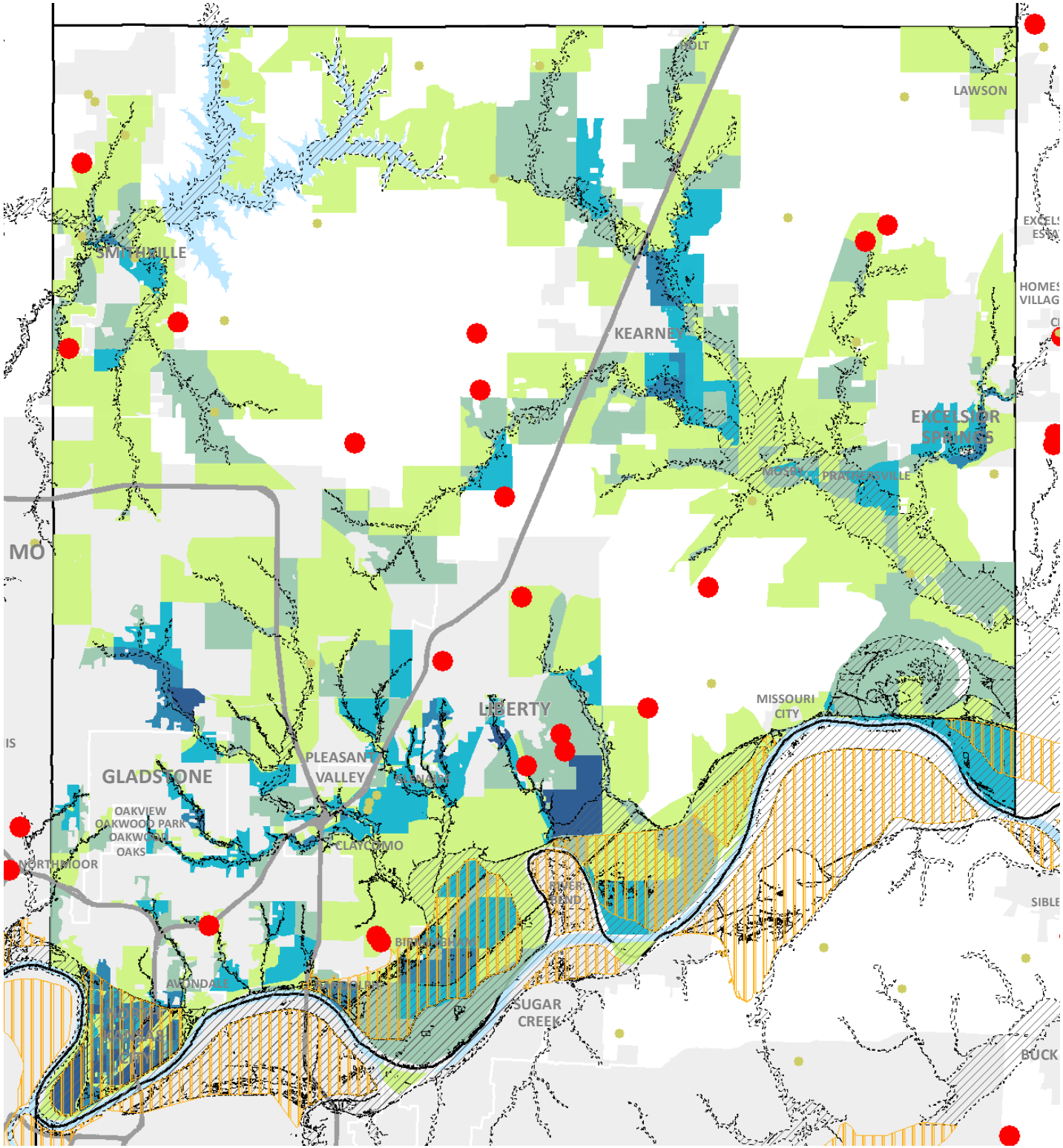
Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 130

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Clay County Flood Loss Estimates (HAZUS)



Hazard Level of Dams

- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 1,394

Total Loss : $1,862,141,000

Building Loss : $621,025,000

Contents Loss : $1,147,230,000

Inventory Loss : $84,541,000

Wage Loss : $5,329,000

Income Loss : $2,392,000

Relocation Costs : $1,052,000

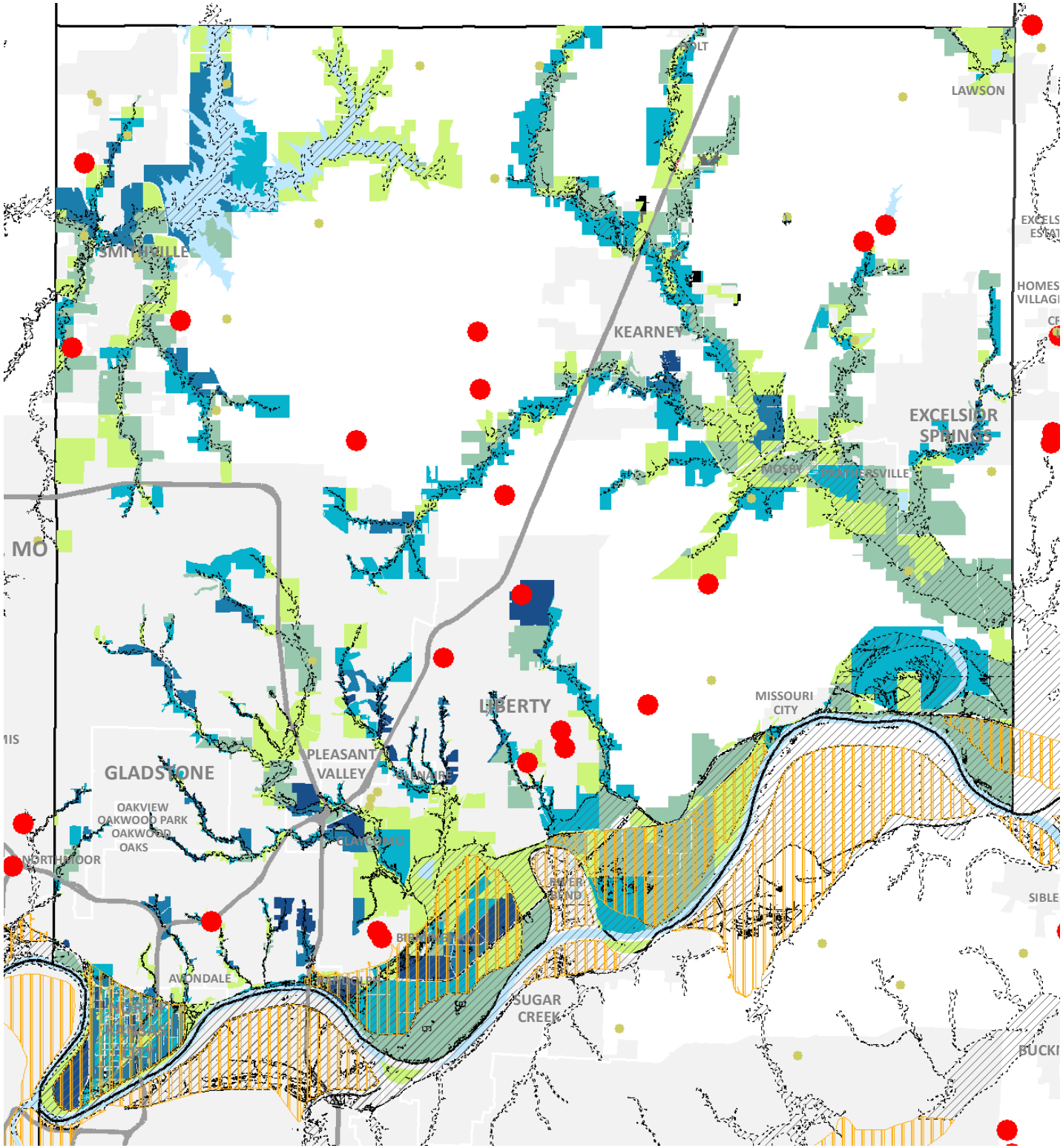
Rental Income Loss : $572,000

Buildings in Flood Boundary : 3,950

Buildings in Leveed Area : 2,606

Note: HAZUS estimates for General Building Stock are based on Census block level geographies.

Clay County Flood Loss Estimates (Parcels)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Parcel Improvement Value ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 7,010

Improvement Value : $1,258,726,345

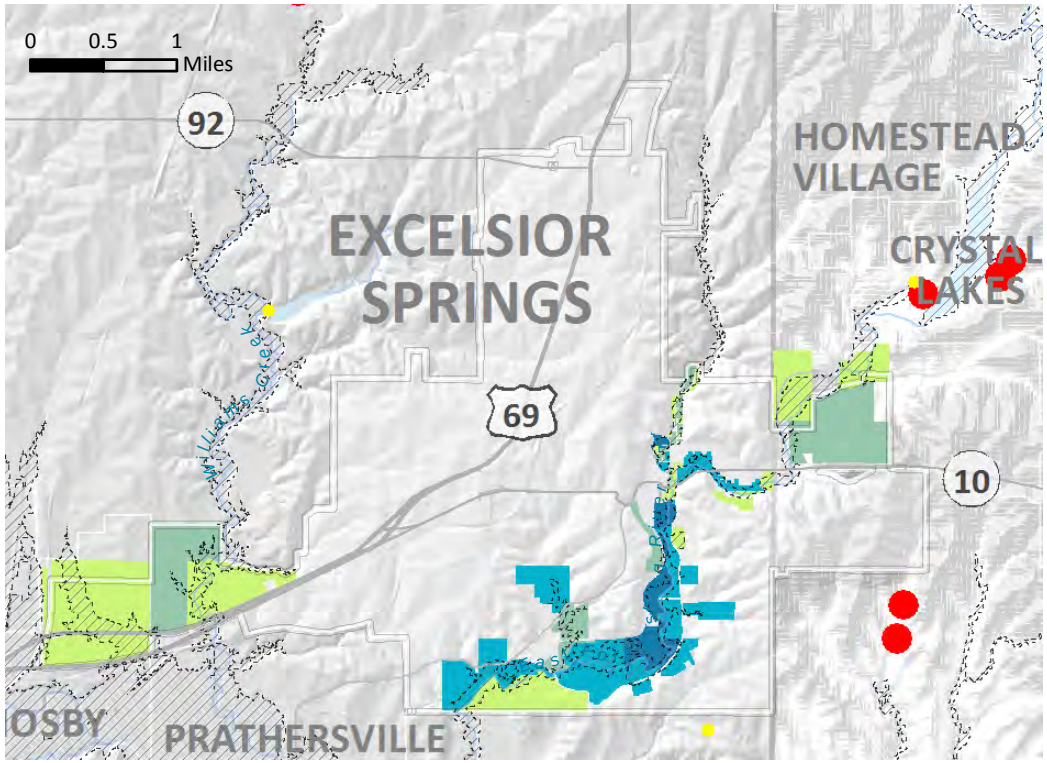
Land Value : $629,118,420

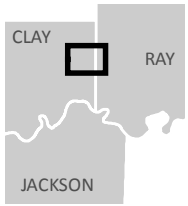
Total Value : $1,887,744,765

Buildings in Flood Boundary : 3,950

Buildings in Leveed Area : 2,606

Note: Parcel estimates for loss are based on 2012 county parcel data for improvement value. Parcels have been aggregated / dissolved by census block geographies for comparison with HAZUS data.





Excelsior Springs Flood Loss Estimates (Parcels)

Total affected parcels : 284

Total Imprvmt. Value : $22,940,495

Total Land Value : $8,099,330

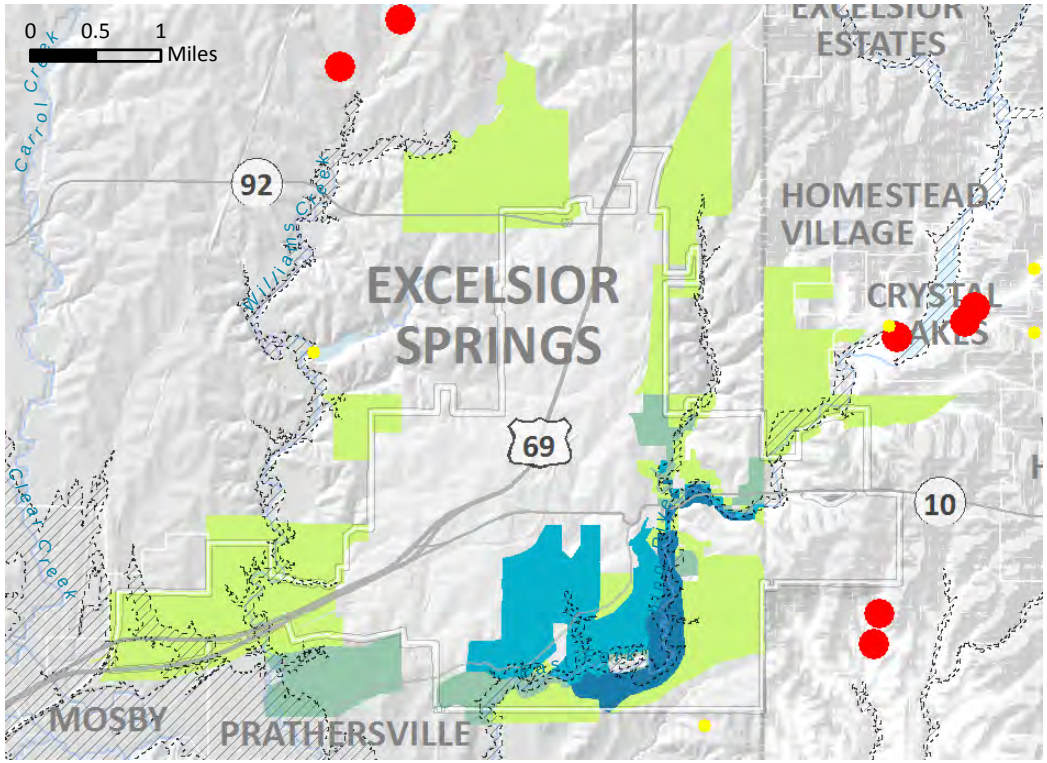
Total Value : $31,039,825

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 37

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Excelsior Springs Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 90

Total Loss : $44,357,000

Building Loss : $20,670,000

Contents Loss : $22,849,000

Other Loss : $838,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

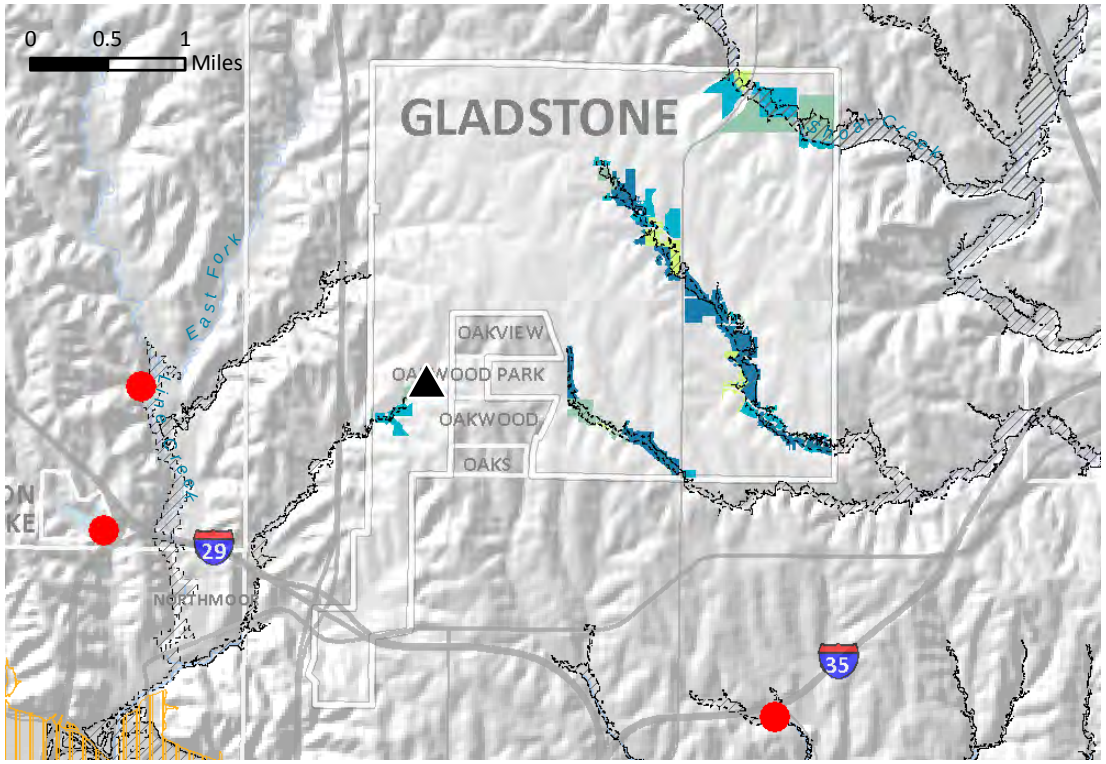
Buildings in Flood Boundary : 37

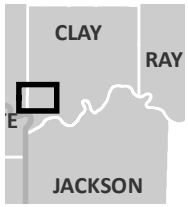
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Gladstone Flood Loss Estimates (Parcels)

Total affected parcels : 455

Total Imprvmt. Value : $55,988,300

Total Land Value : $21,821,200

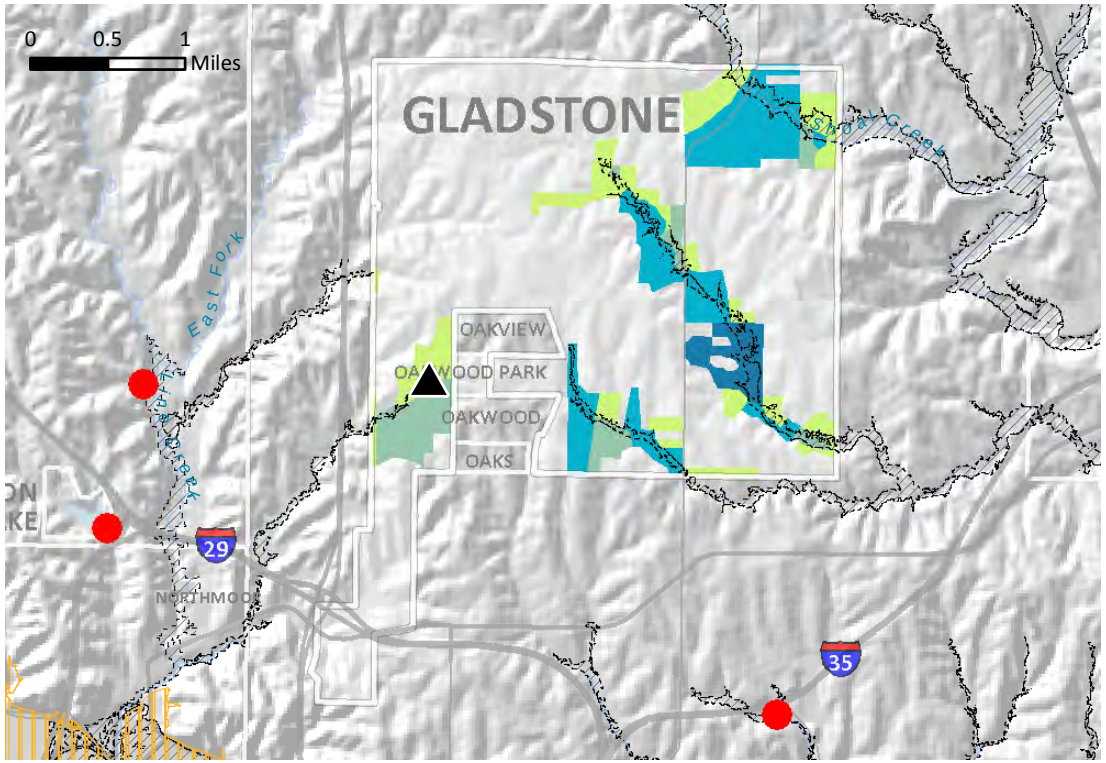
Total Value : $77,809,500

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 149

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Gladstone Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 56

Total Loss : $18,368,000

Building Loss : $10,239,000

Contents Loss : $7,999,000

Other Loss : $130,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 149

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary

- Apartment (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary

Kansas City - Clay Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 1,498

Total Imprvmt. Value : $457,659,700

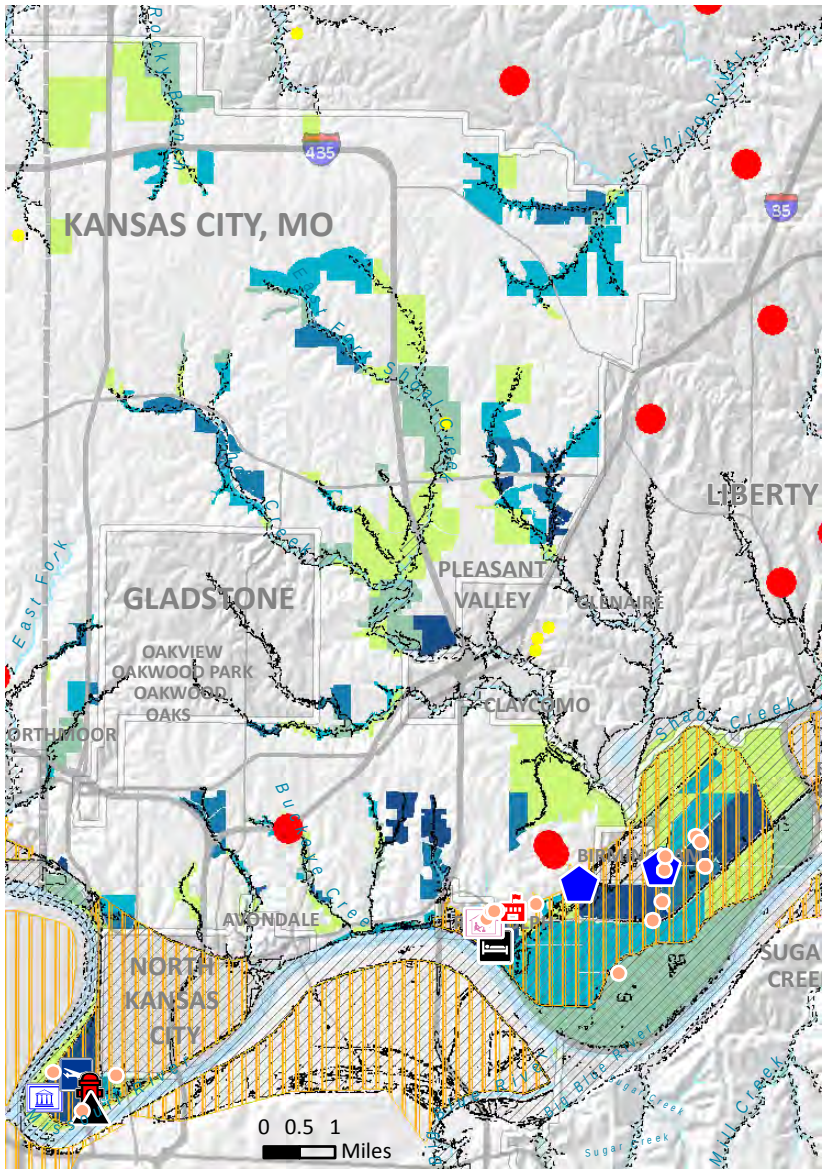
Total Land Value : $181,621,210

Total Value : $639,280,910

Buildings in Flood Boundary : 1,102

Buildings in Leveed Area : 784

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Critical Facilities in Flood Boundary or Leveed Area

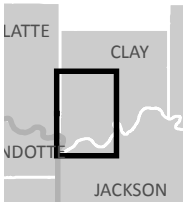
- Tier II (16)
- School (1)
- Day Care (2)
- Hotel (1)
- Apartment (1)
- EPA FRS Facility (2)
- Fire (1)
- Airports (1)
- Government (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary



Kansas City - Clay Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 401

Total Loss : $194,188,000

Building Loss : $74,782,000

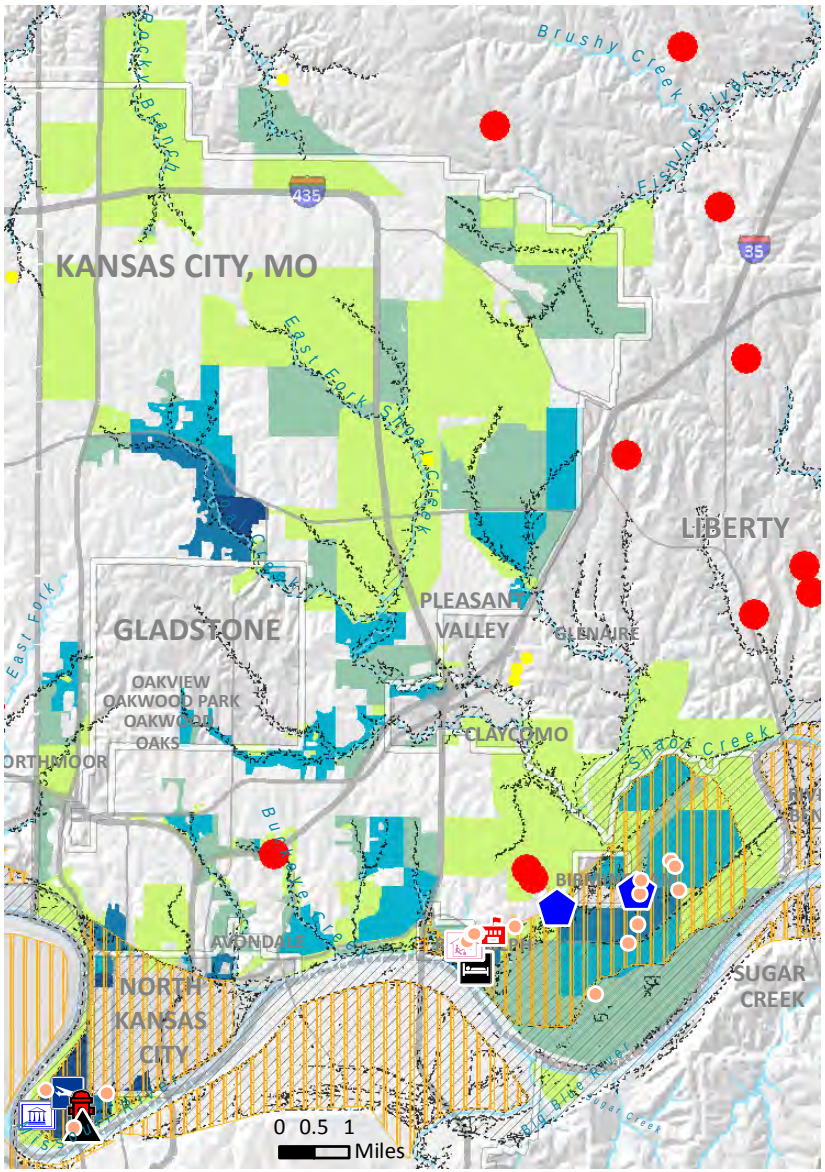
Contents Loss : $111,837,000

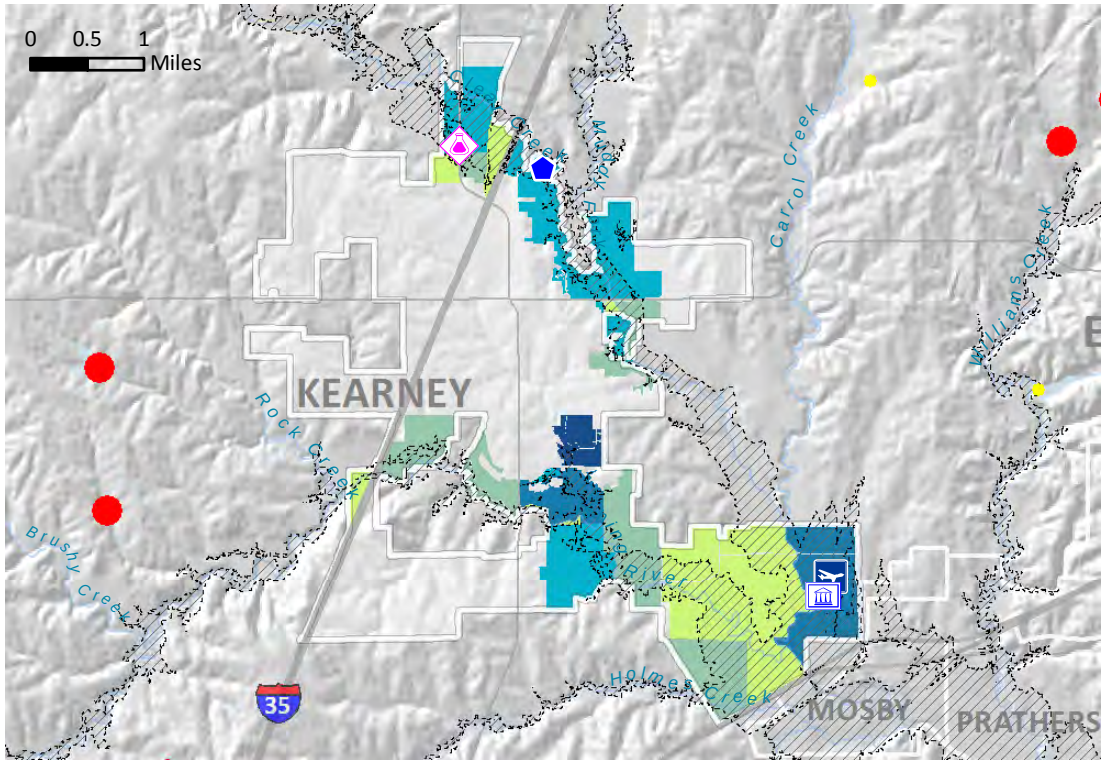
Other Loss : $7,569,000

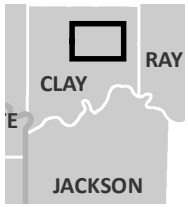
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Buildings in Flood Boundary : 1,102

Buildings in Leveed Area : 784







Kearney Flood Loss Estimates (Parcels)

Total affected parcels : 177

Total Imprvmt. Value : $61,680,400

Total Land Value : $14,726,800

Total Value : $76,407,200

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 61

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.

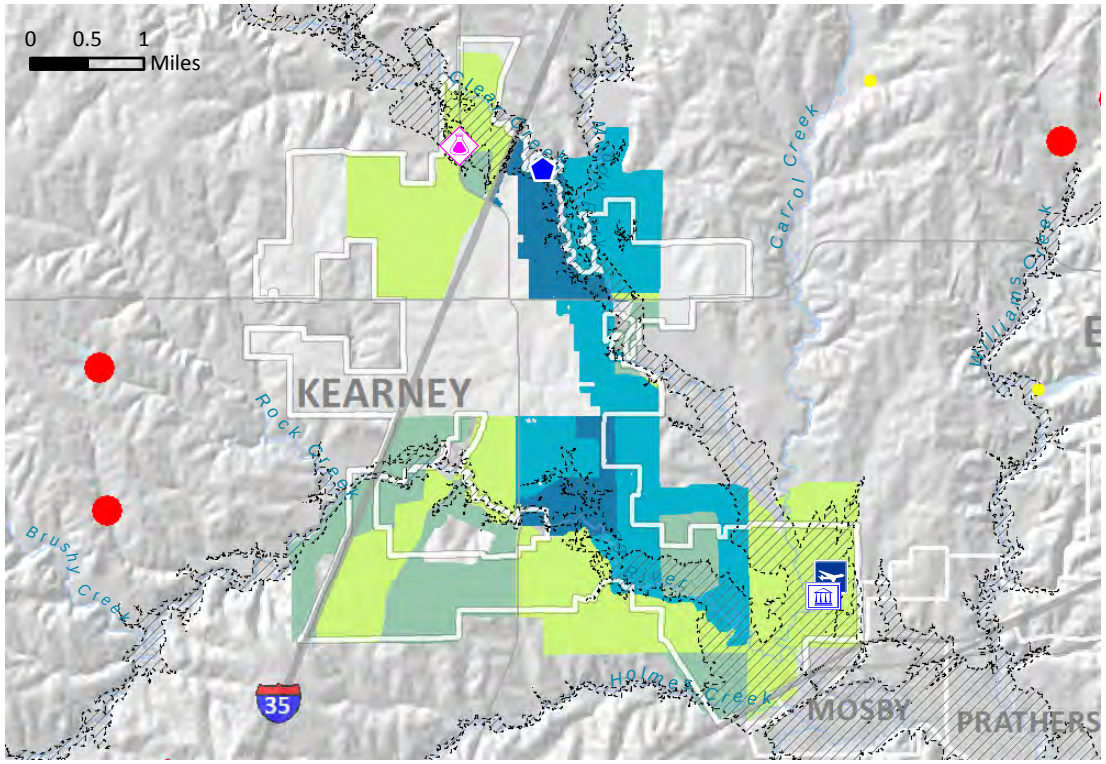
Critical Facilities in Flood Boundary

- Government (1)
- EPA FRS Facility (1)
- RMP Facility (1)
- Airport (1)

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Kearney Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 39

Total Loss : $26,550,000

Building Loss : $10,828,000

Contents Loss : $15,207,000

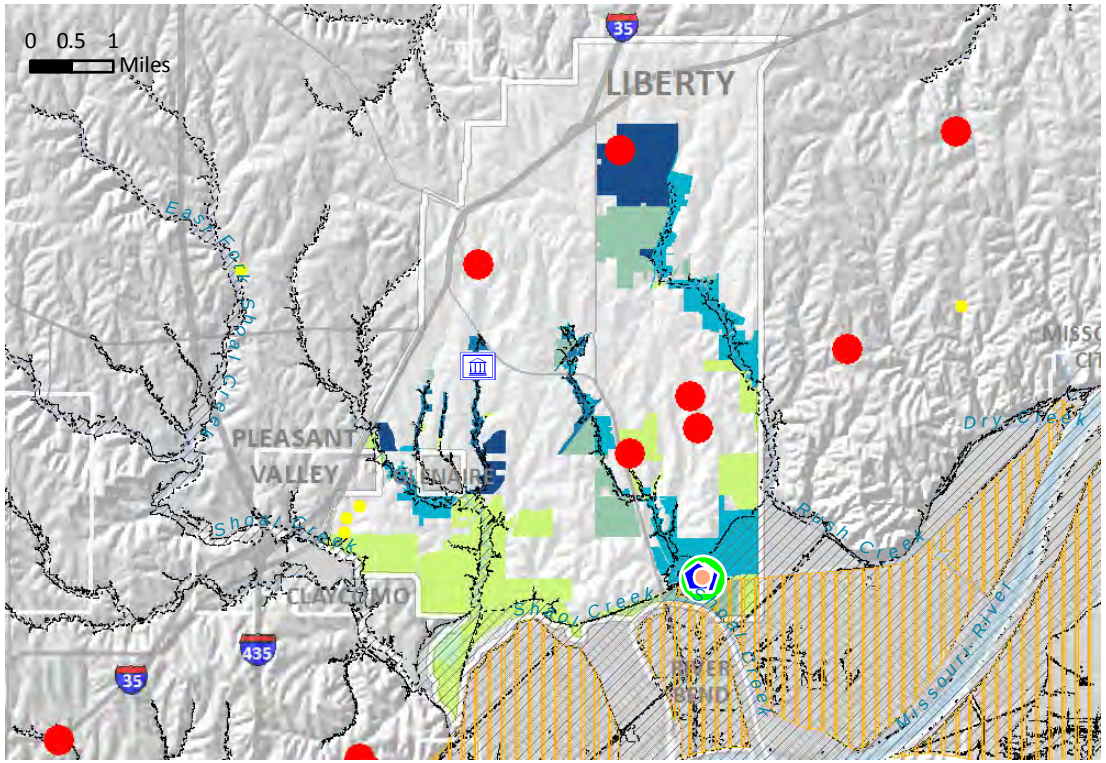
Other Loss : $515,000

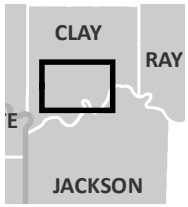
Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 61

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.





Liberty Flood Loss Estimates (Parcels)

Total affected parcels : 641

Total Imprvmt. Value : $130,012,700

Total Land Value : $50,112,400

Total Value : $180,125,100

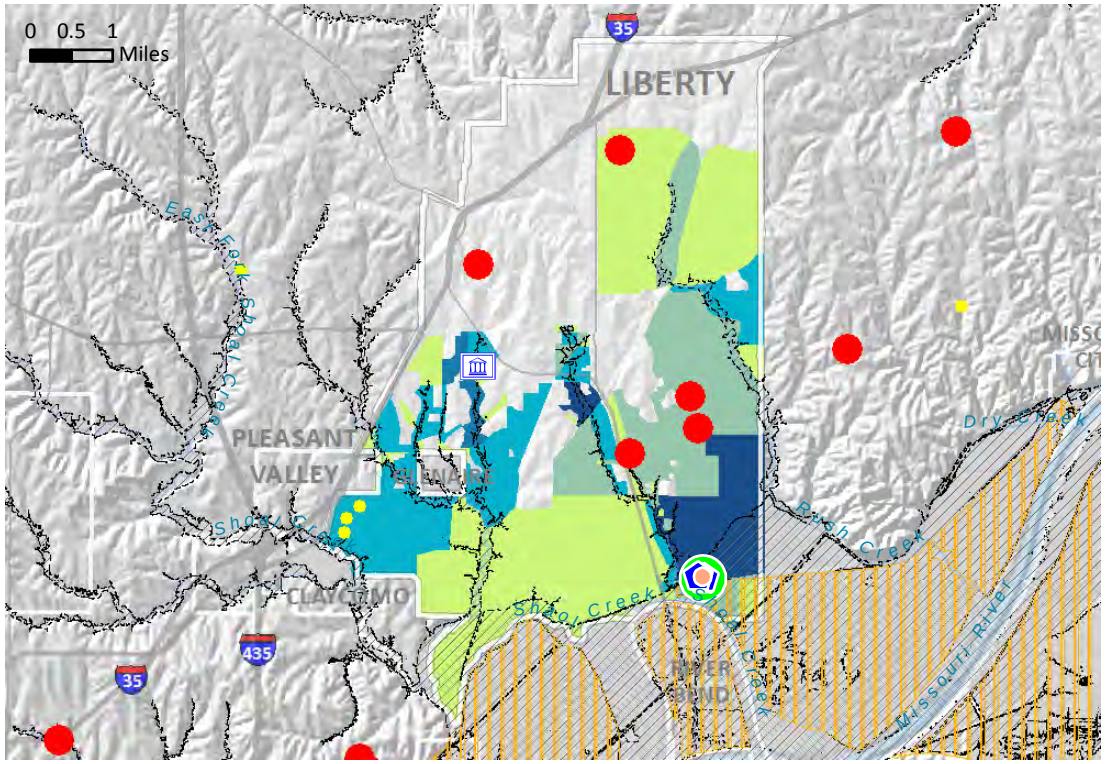
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 209

Buildings in Leveed Area : 1

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Liberty Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 92

Total Loss : $52,552,000

Building Loss : $23,704,000

Contents Loss : $27,687,000

Other Loss : $1,161,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 209

Buildings in Leveed Area : 1

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary

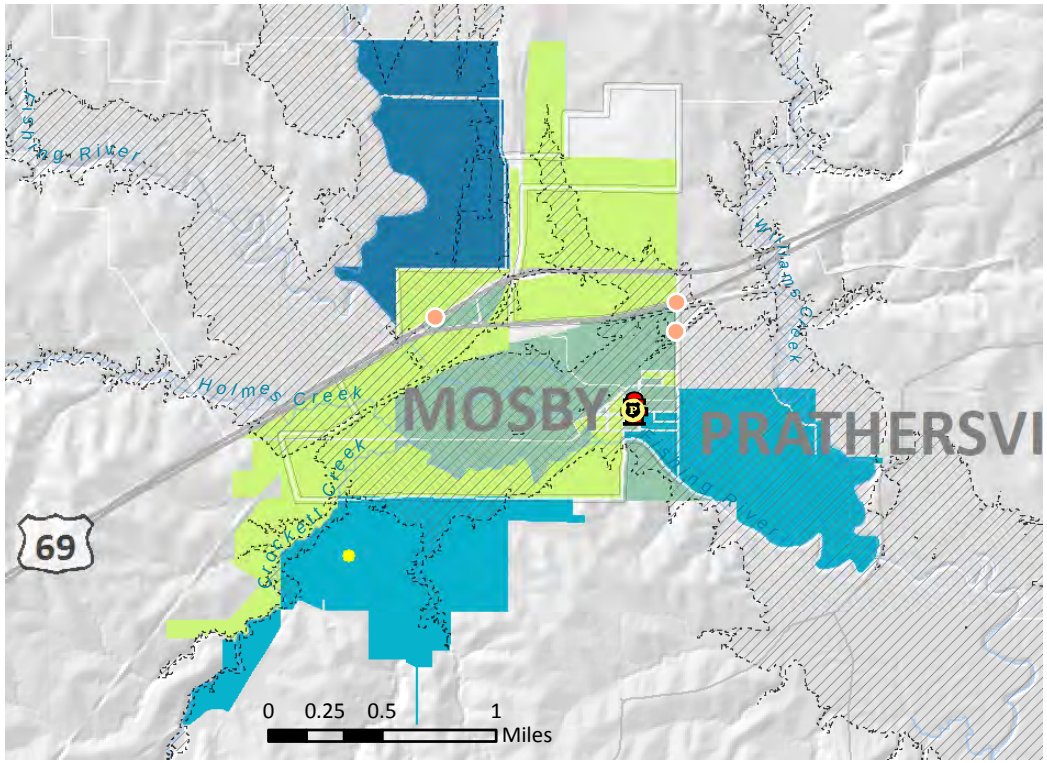
- Tier II (1)
- Government (1)
- EPA FRS (3)
- Superfund NPL (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary



Mosby Flood Loss Estimates (Parcels)

Total affected parcels : 173

Total Imprvmt. Value : $4,554,000

Total Land Value : $3,078,000

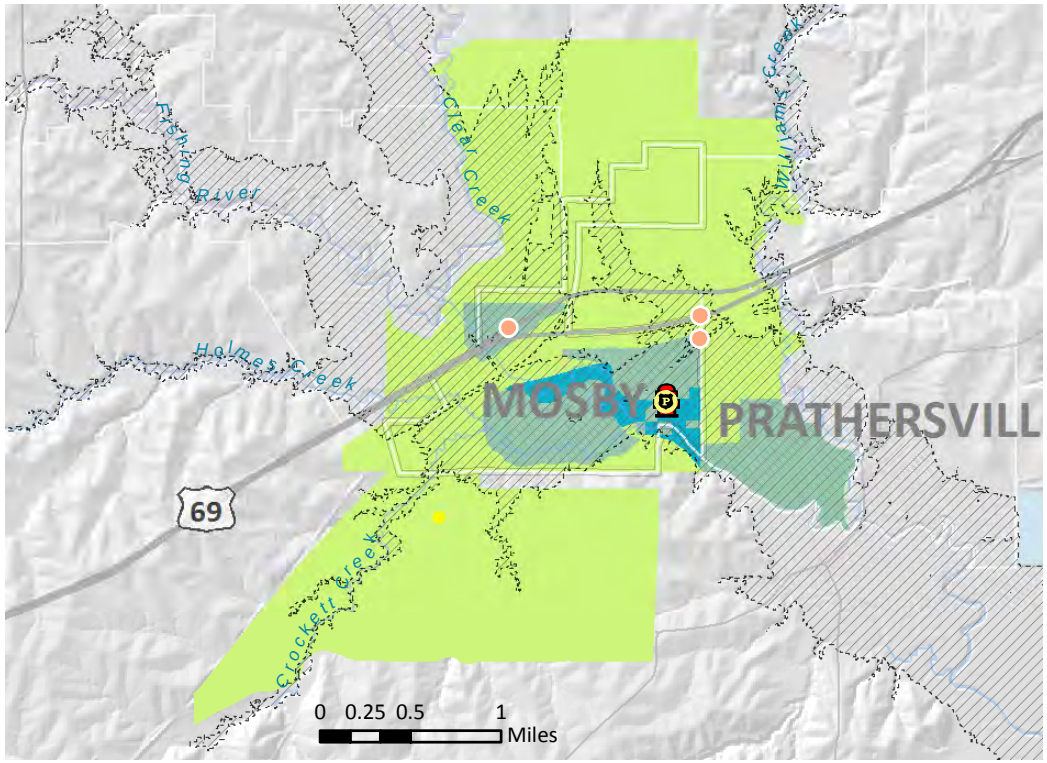
Total Value : $7,632,000

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 135

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Mosby Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 53

Total Loss : $9,066,000

Building Loss : $4,708,000

Contents Loss : $4,057,000

Other Loss : $301,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 135

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

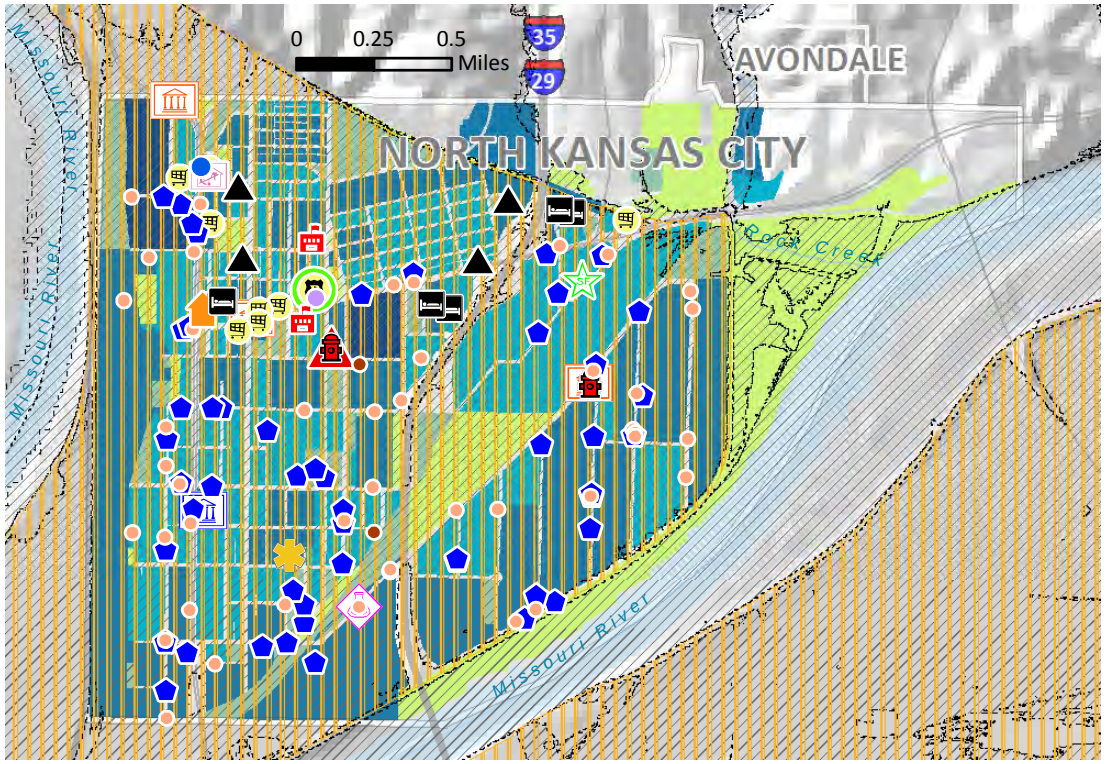
Critical Facilities in Flood Boundary

- Tier II (3)
- Police (1)
- Fire (2)

Hazard Level of Dams

- Low
- Significant
- High

Clay 2013 HAZUS Flood Boundary



North Kansas City Flood Loss Estimates (Parcels)

Total affected parcels : 1,796

Total Imprvmt. Value : $355,073,800

Total Land Value : $214,383,000

Total Value : $569,456,800

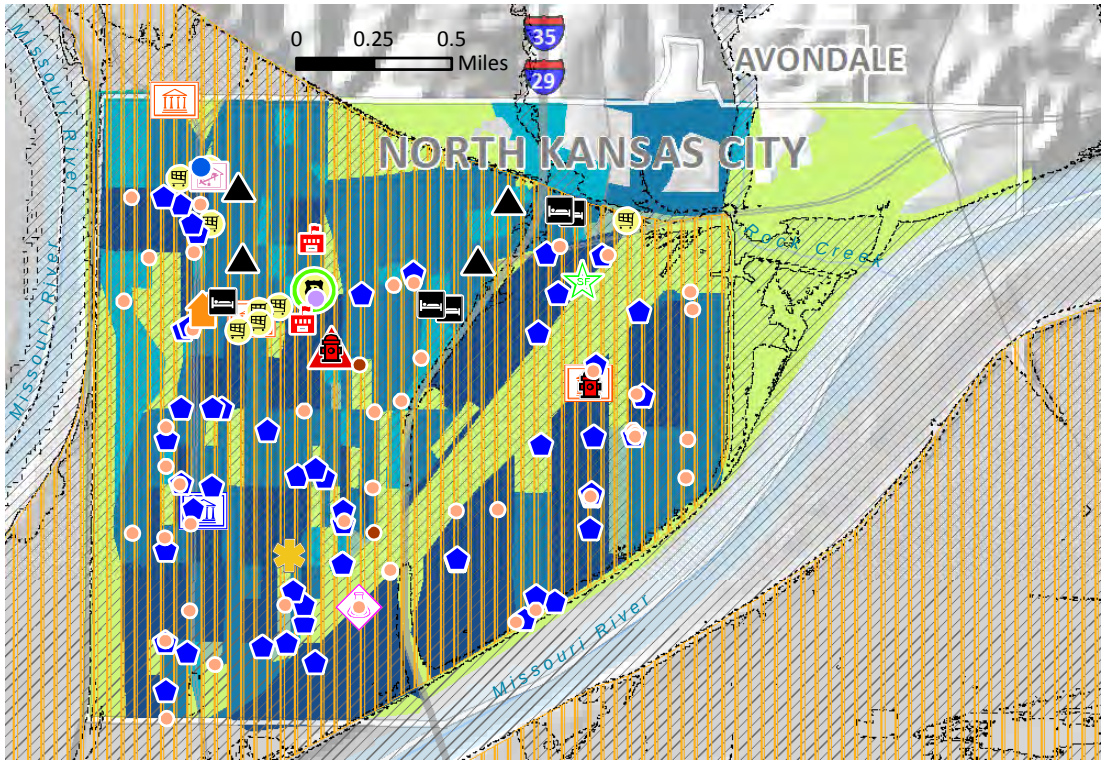
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1,828

Buildings in Leveed Area : 1,823

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



North Kansas City Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 276

Total Loss : $26,550,000

Building Loss : $10,828,000

Contents Loss : $15,207,000

Other Loss : $515,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1,828

Buildings in Leveed Area : 1,823

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary or Leveed Area

- Historic Site (2)
- Grocery (small) (1)
- School (2)
- Apartment (4)
- Hotel (5)
- Daycare (1)
- Nursing Home (1)
- Tier II (44)
- EPA FRS Facility (55)
- Shopping Center (8)
- PSAPs (1)
- Fire (2)
- Police (1)
- Enhanced HazMat Team (1)
- EOCs (1)
- Meat Processing (1)
- Superfund NPL Facility (1)
- RMP Facility (1)
- Local Government (3)
- State Government (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary

Smithville Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 126

Total affected parcels : 341

Total Imprvmt. Value : $36,197,600

Total Land Value : $14,117,800

Total Value : $50,315,400

Note: Parcel estimates for loss are based on 2012 parcel data for improvement valueas provided by the county.

Critical Facilities in Flood Boundary

- Apartment (1)

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary

Smithville Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 126

Total affected Census Blocks : 81

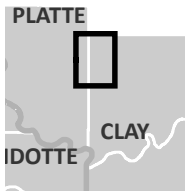
Total Loss : $18,332,000

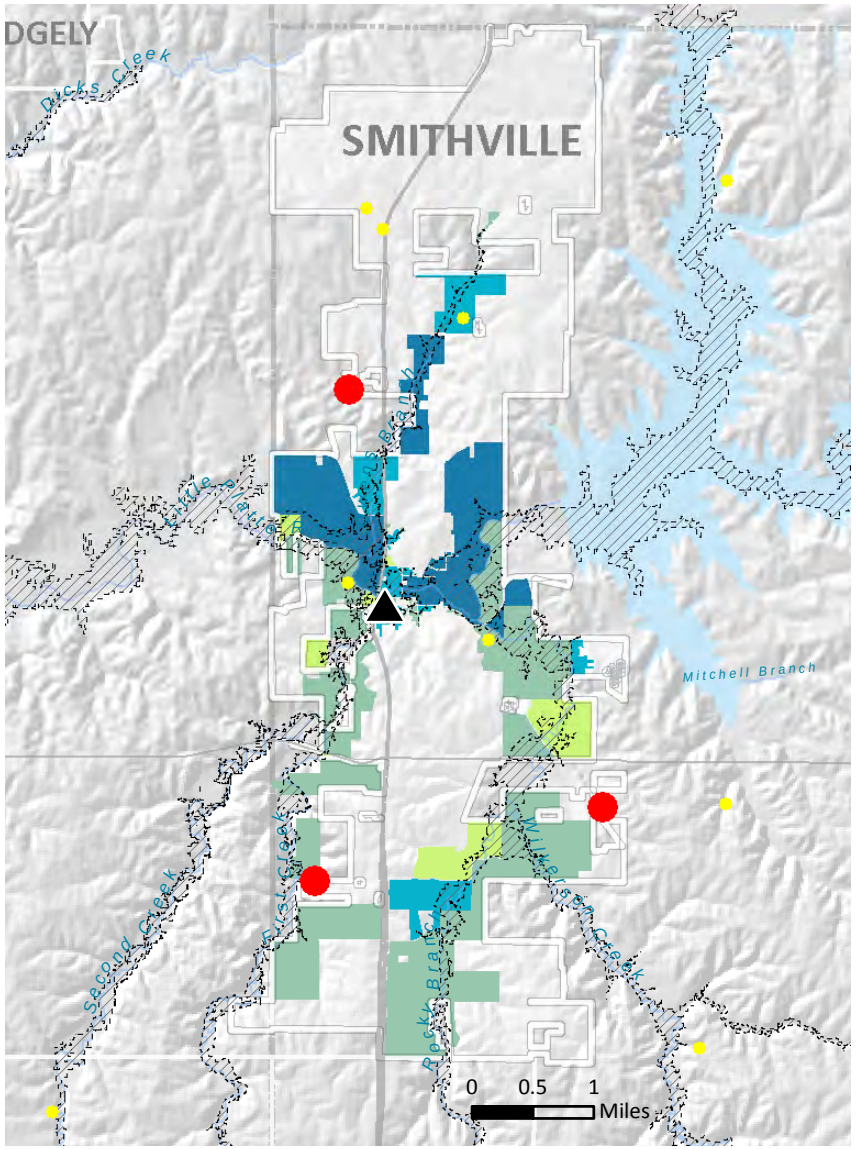
Building Loss : $8,217,000

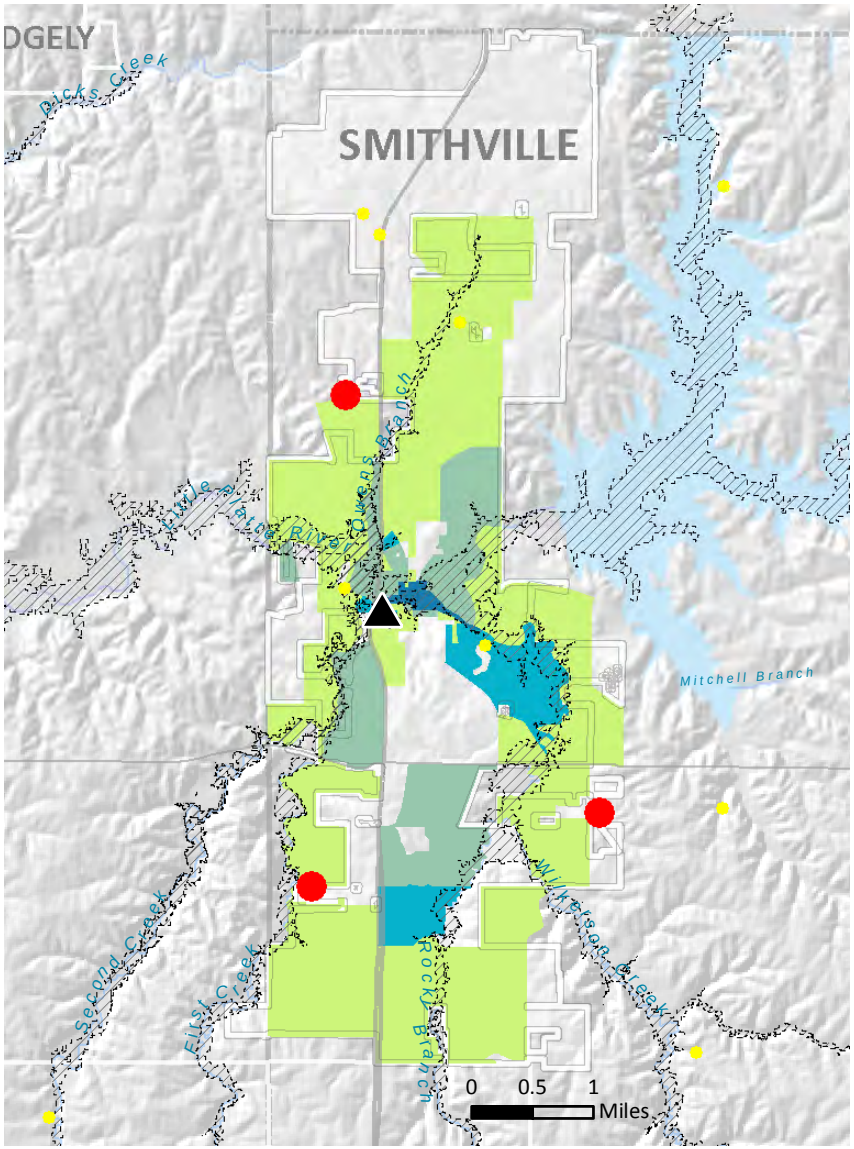
Contents Loss : $9,709,000

Other Loss : $406,000

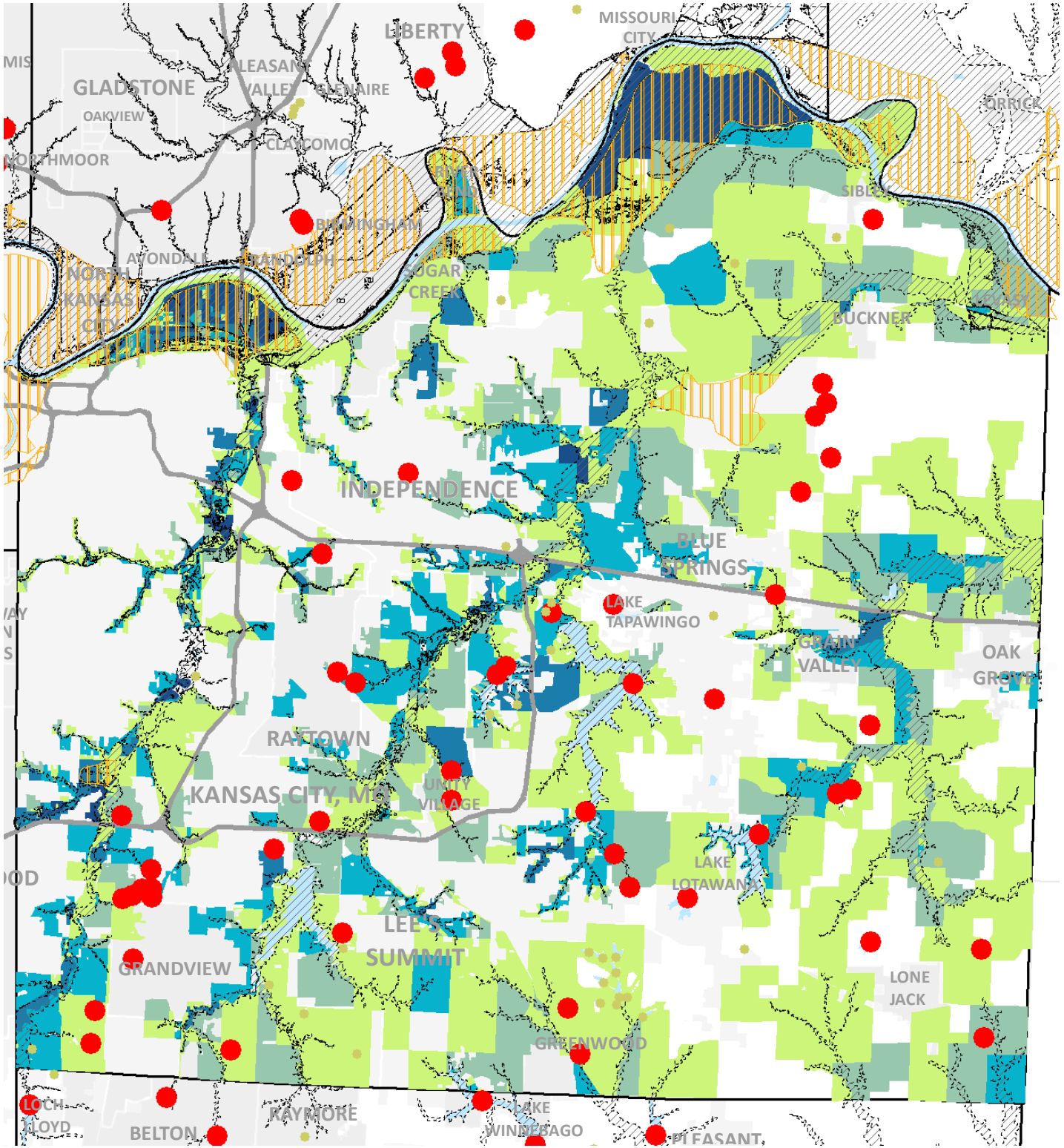
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.







Jackson County Flood Loss Estimates (HAZUS)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Total Direct Economic Loss ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 2,231

Total Loss : $1,838,226,000

Building Loss : $681,877,000

Contents Loss : $1,078,501,000

Inventory Loss : $62,407,000

Wage Loss : $10,001,000

Income Loss : $3,092,000

Relocation Costs : $1,547,000

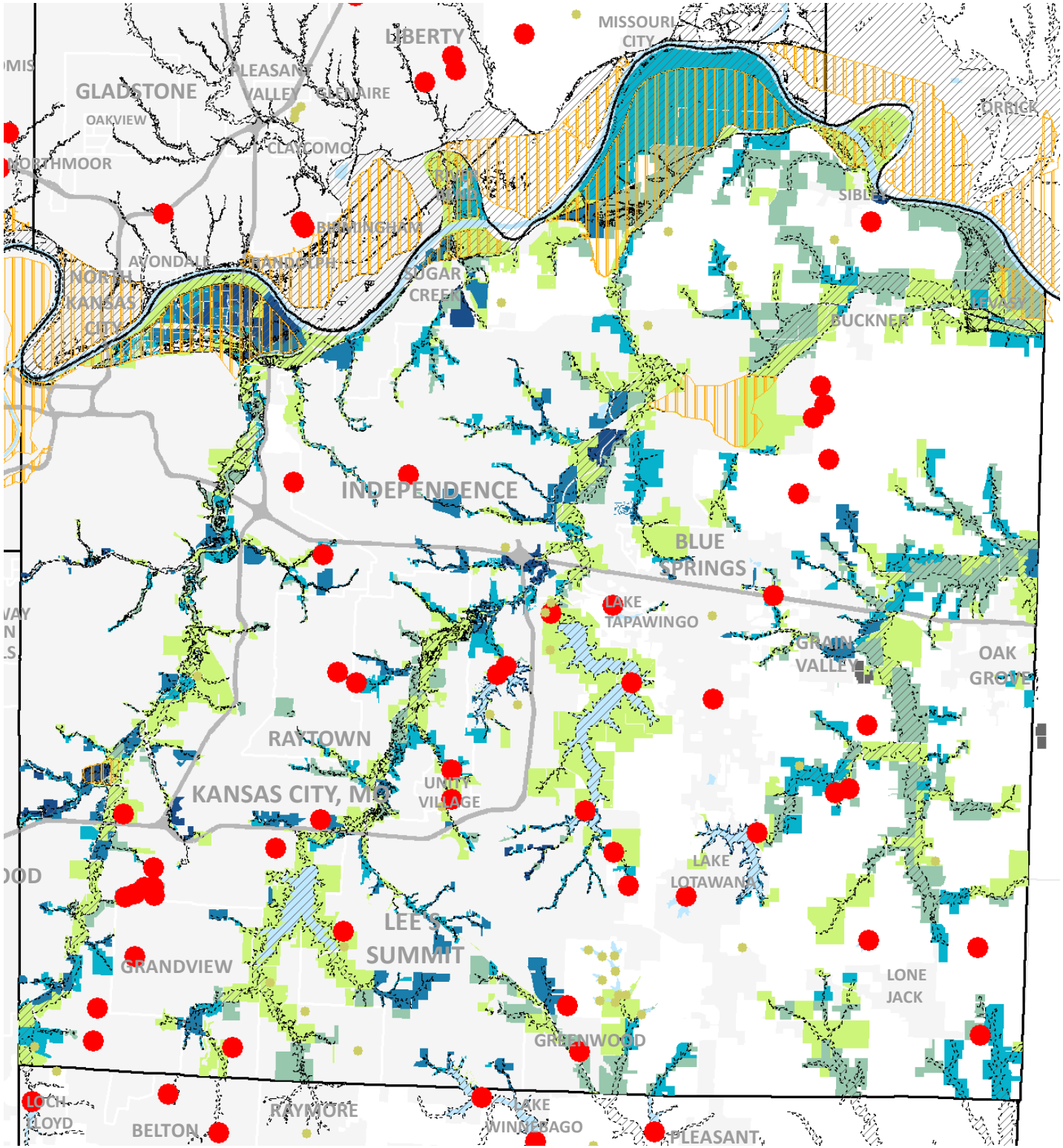
Rental Income Loss : $801,000

Buildings in Flood Boundary : 6,190

Buildings in Leveed Area : 3,016

Note: HAZUS estimates for General Building Stock are based on Census block level geographies.

Jackson County Flood Loss Estimates (Parcels)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Parcel Improvement Value ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 12,734

Improvement Value : $3,938,638,832

Land Value : $1,048,620,925

Total Value : $4,987,259,757

Buildings in Flood Boundary : 6,190

Buildings in Leveed Area : 3,016

Note: Parcel estimates for loss are based on 2012 county parcel data for improvement value. Parcels have been aggregated / dissolved by census block geographies for comparison with 2013 HAZUS data.

Blue Springs Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 81

Total affected parcels : 271

Total Imprvmt. Value : $30,013,790

Total Land Value : $6,798,020

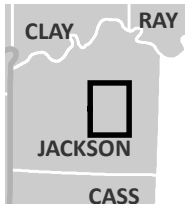
Total Value : $36,811,810

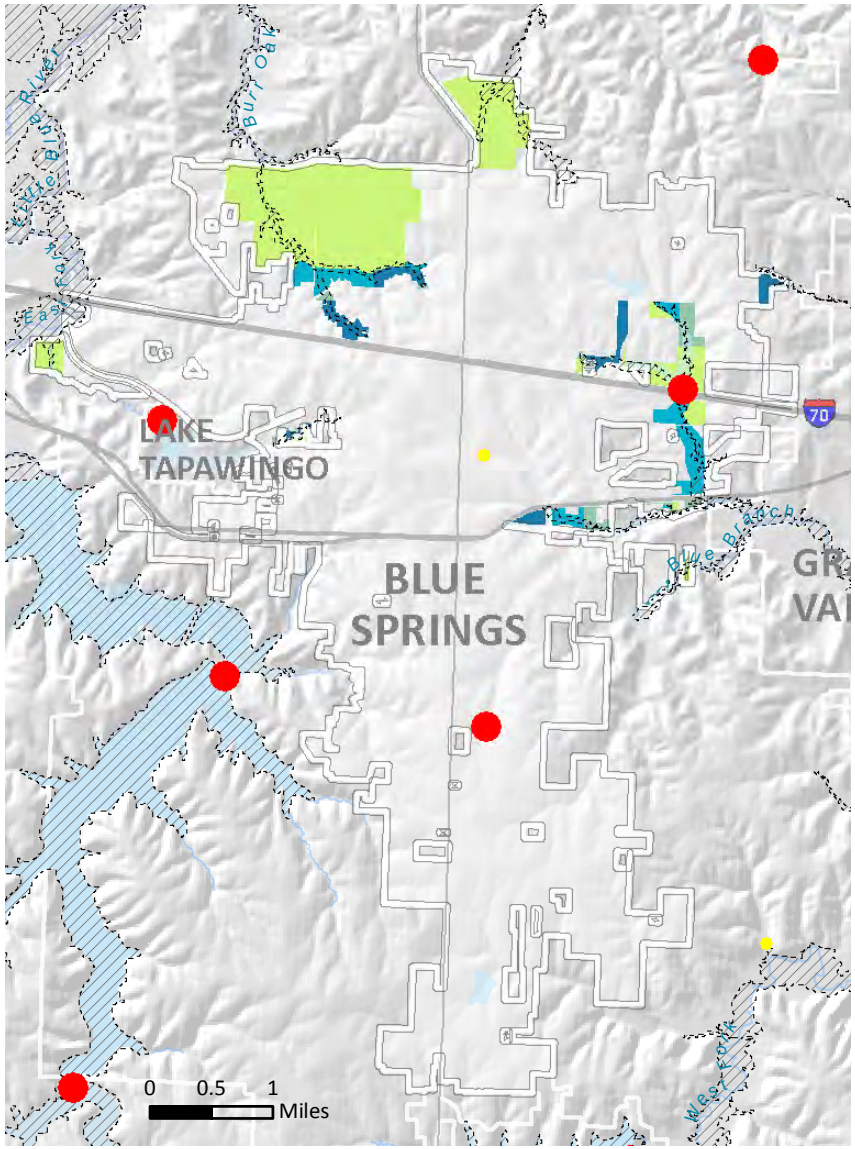
Note: Parcel estimates for loss are based on 2012 parcel data for improvement valueas provided by the county.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Blue Springs Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 81

Total affected Census Blocks : 54

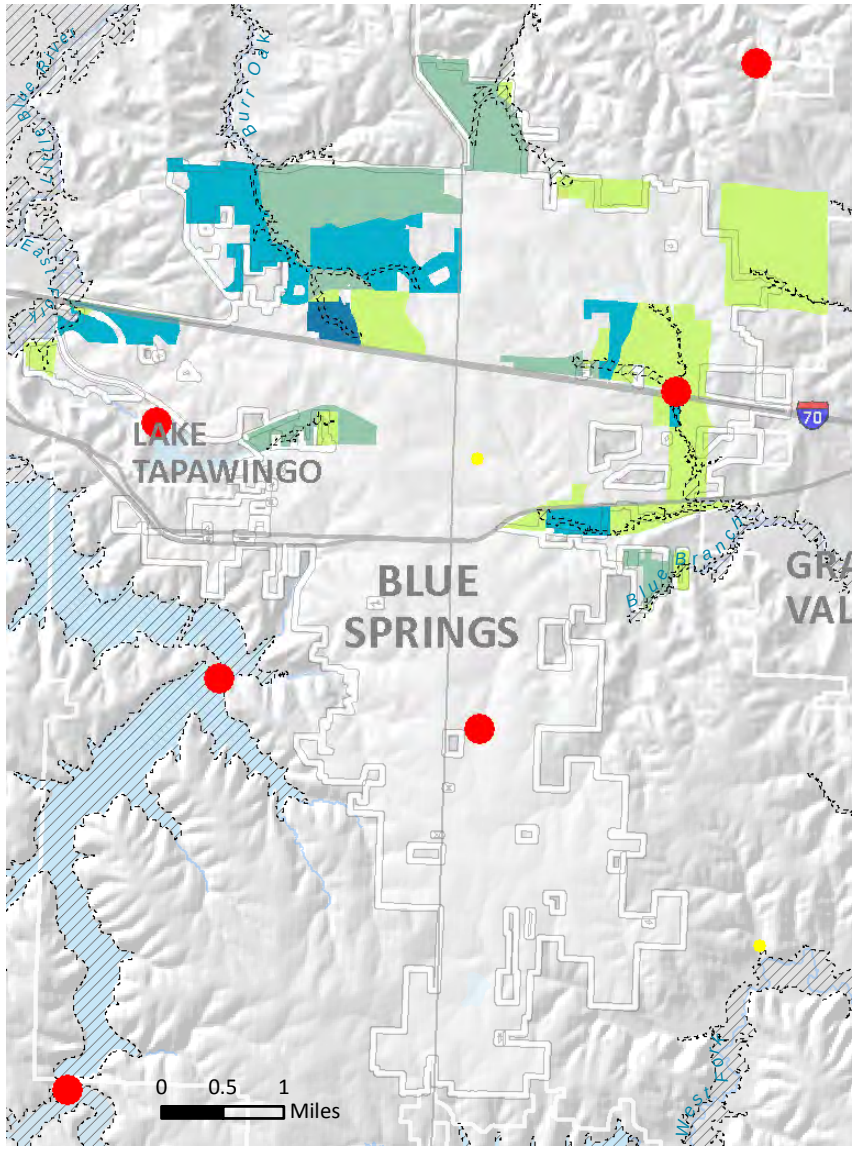
Total Loss : $8,738,000

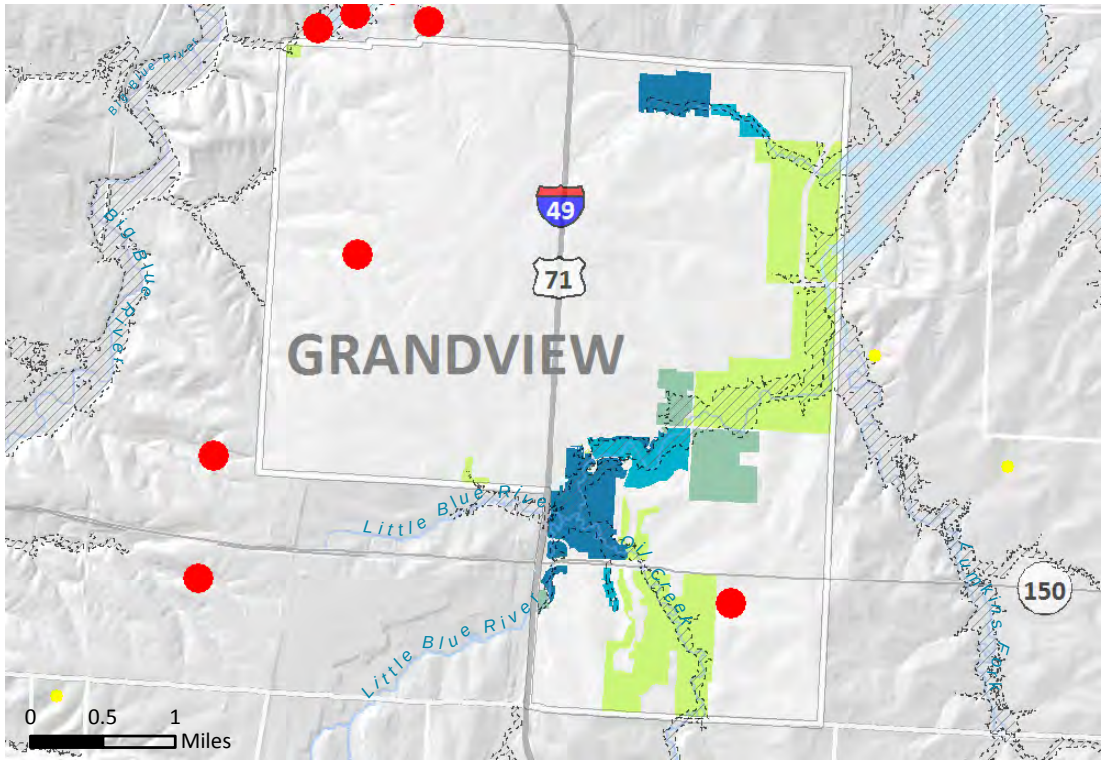
Building Loss : $4,359,000

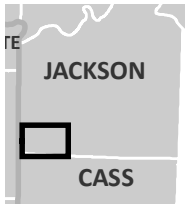
Contents Loss : $4,204,000

Other Loss : $175,000

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.







Grandview Flood Loss Estimates (Parcels)

Total affected parcels : 292

Total Imprvmt. Value : $17,288,395

Total Land Value : $4,828,494

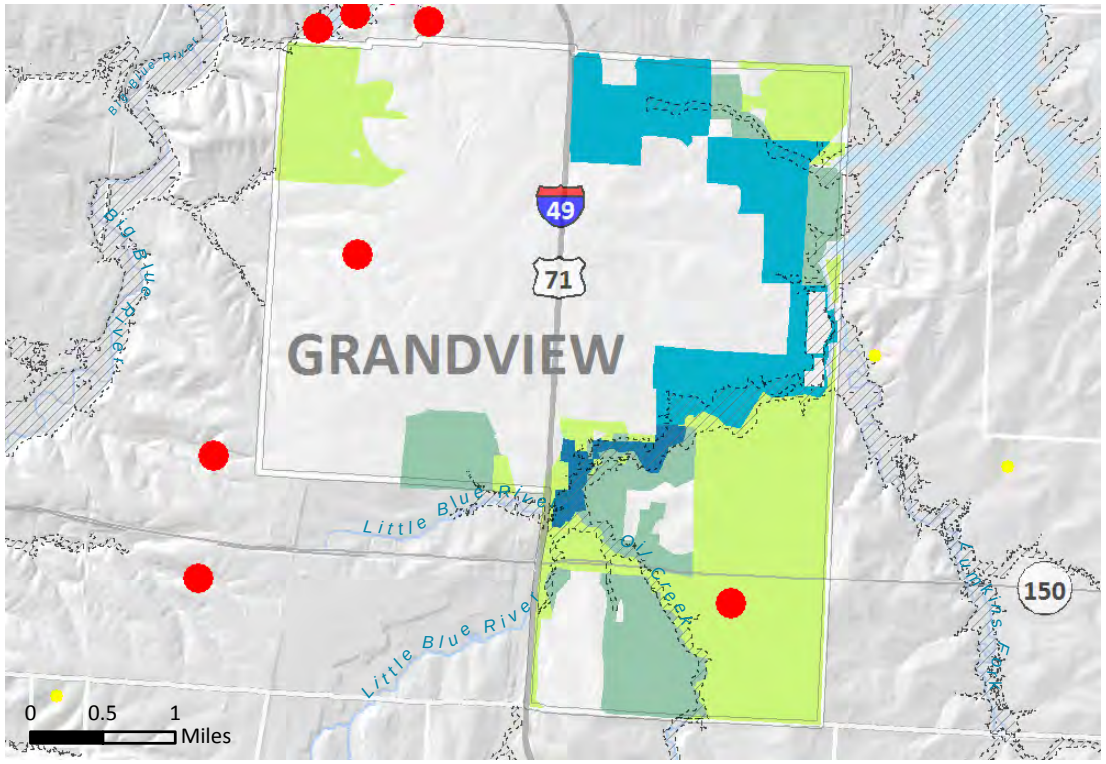
Total Value : $22,114,477

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 53

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Grandview Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 43

Total Loss : $11,397,000

Building Loss : $6,654,000

Contents Loss : $4,691,000

Other Loss : $52,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

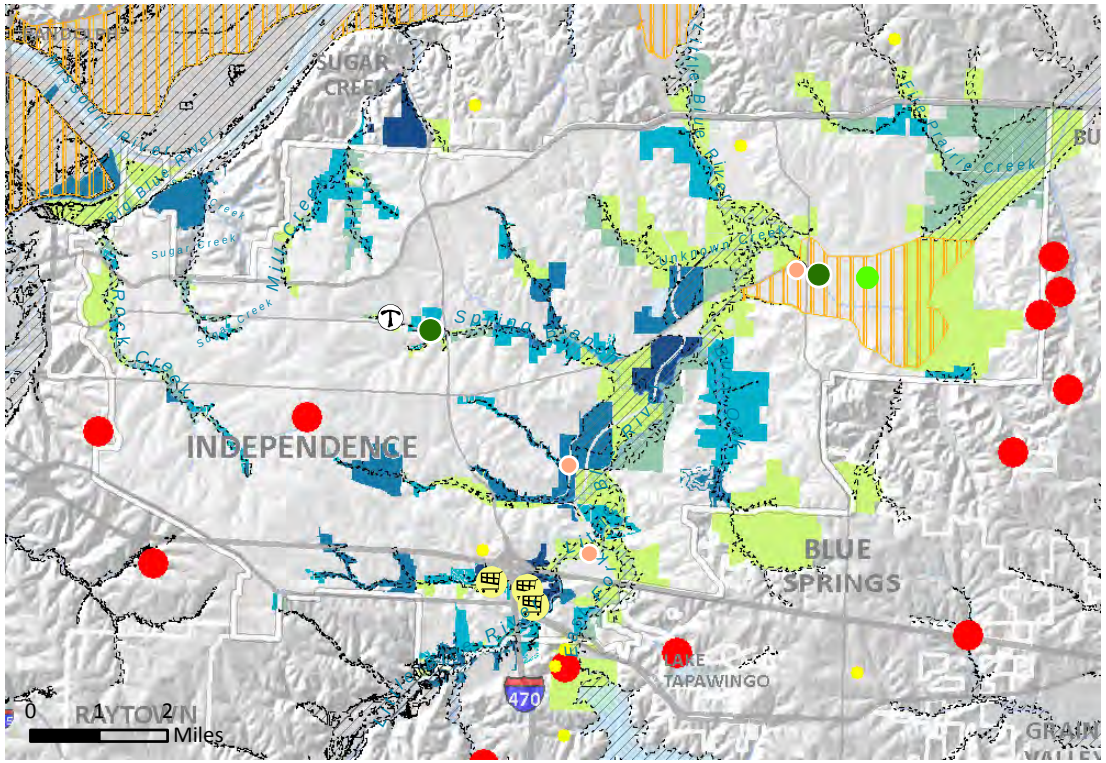
Buildings in Flood Boundary : 53

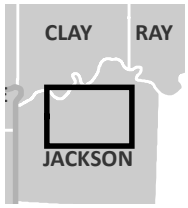
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Independence Flood Loss Estimates (Parcels)

Total affected parcels : 2,489

Total Imprvmt. Value : $336,200,081

Total Land Value : $137,096,992

Total Value : $473,297,073

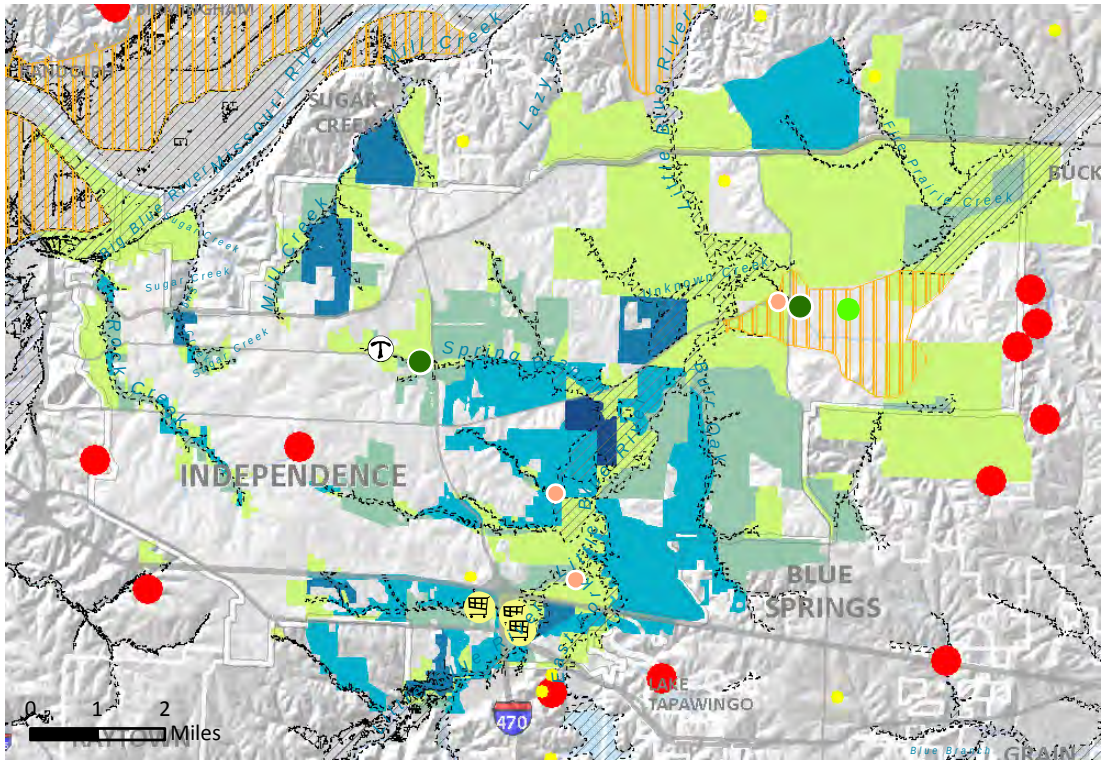
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1,133

Buildings in Leveed Area : 349

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county. EOCs are emergency operations centers.



Independence Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 397

Total Loss : $100,989,000

Building Loss : $43,247,000

Contents Loss : $55,752,000

Other Loss : $1,990,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1,133

Buildings in Leveed Area : 349

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary or Leveed Area

- Tier II (3)
- EPA FRS Facility (2)
- EOCs (1)
- Shopping Center (3)
- Trailer Park (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary

Kansas City - Jackson and Cass Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 4,554

Total Imprvmt. Value : $2,190,231,417

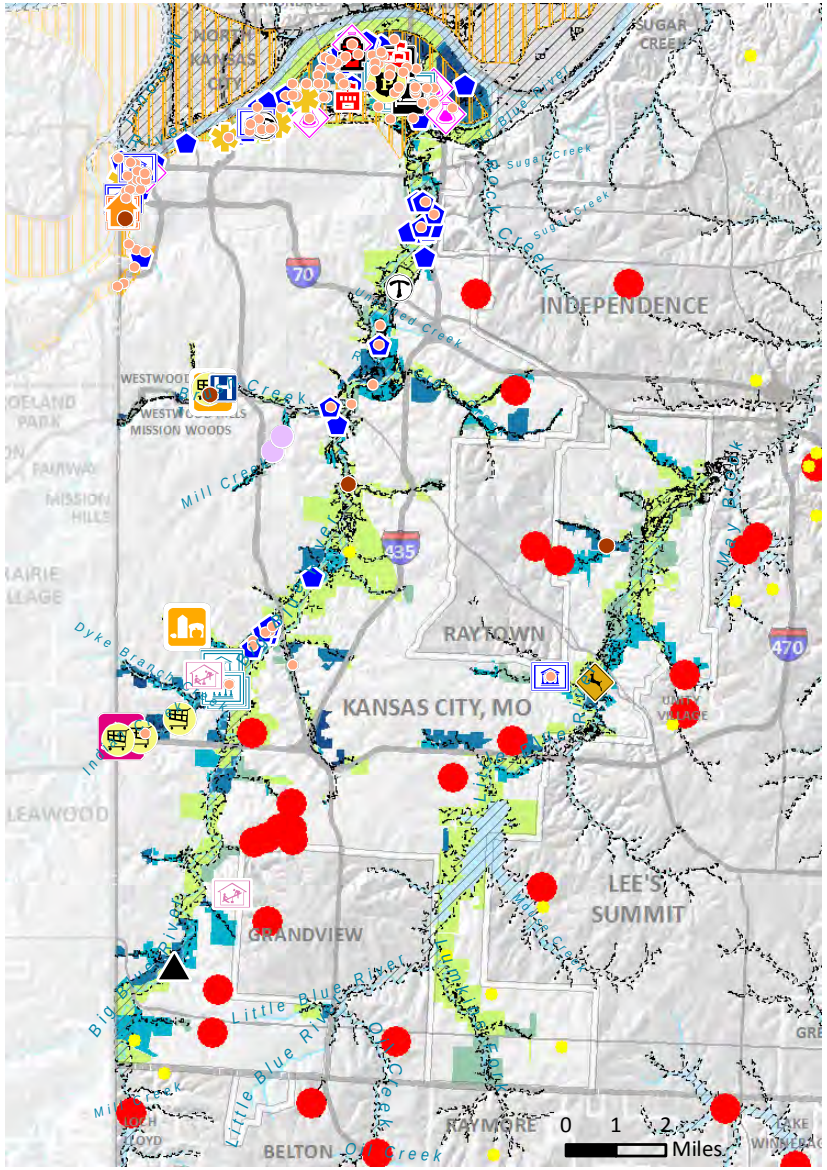
Total Land Value : $224,875,281

Total Value : $2,415,106,207

Buildings in Flood Boundary : 3,696

Buildings in Leveed Area : 2,620

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Critical Facilities in Flood Boundary or Leveed Area

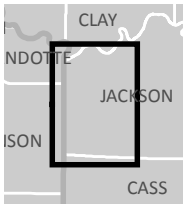
- Tier II (106)
- Historic Site (4)
- Public Housing (2)
- Hospital (1)
- Fire (1)
- Police (1)
- Game Propagation (1)
- Nursing Home (1)
- Day Care (2)
- School (3)
- Apartment (1)
- Hotel (2)
- Trailer Park (2)
- Local Government (2)
- State Government (5)
- Federal Govnmt. (13)
- Shopping Center (4)
- Meat Processing (5)
- RMP Facility (5)
- EPA FRS Facility (68)
- Grocery (small) (2)
- Grocery (large) (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary



Kansas City - Jackson and Cass Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 1,032

Total Loss : $1,540,732,000

Building Loss : $537,530,000

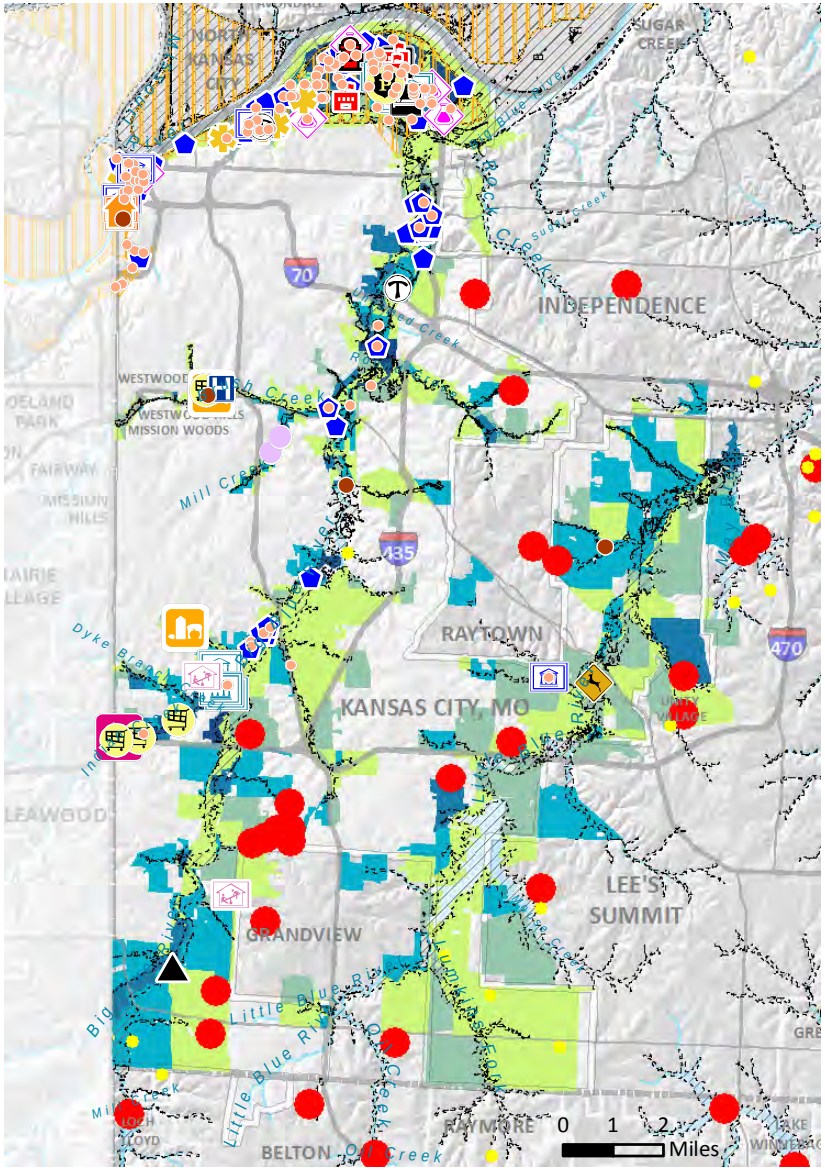
Contents Loss : $930,497,000

Other Loss : $72,705,000

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Buildings in Flood Boundary : 3,696

Buildings in Leveed Area : 2,620



Lee's Summit Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 438

Total affected parcels : 1,953

Total Imprvmt. Value : $284,822,504

Total Land Value : $74,085,998

Total Value : $358,781,002

Note: Parcel estimates for loss are based on 2012 parcel data for improvement valueas provided by the county.

Critical Fac. in Flood Boundary

- Historic Site (1)
- Apartment (1)
- Fire (1)
- Local Government (1)

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary

Lee's Summit Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 438

Total affected Census Blocks : 238

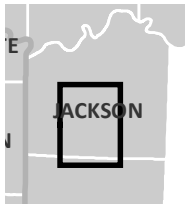
Total Loss : $81,837,000

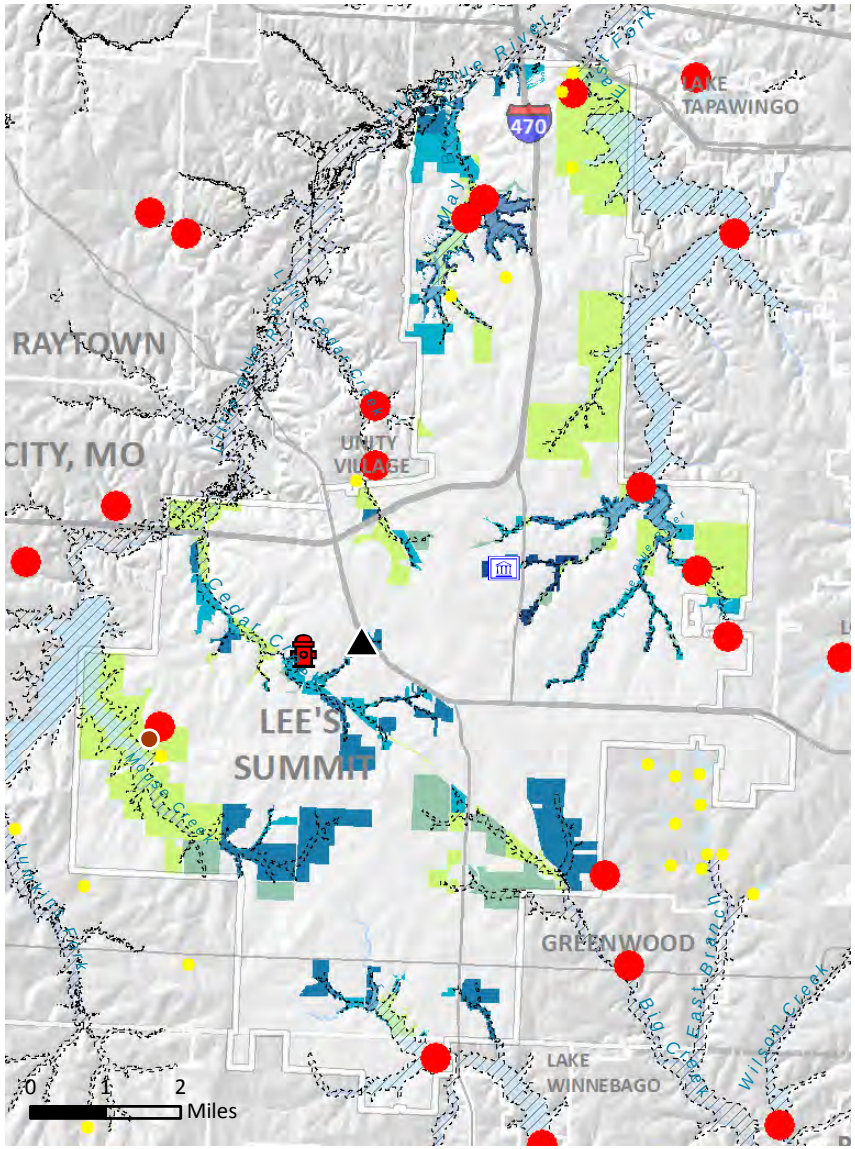
Building Loss : $46,078,000

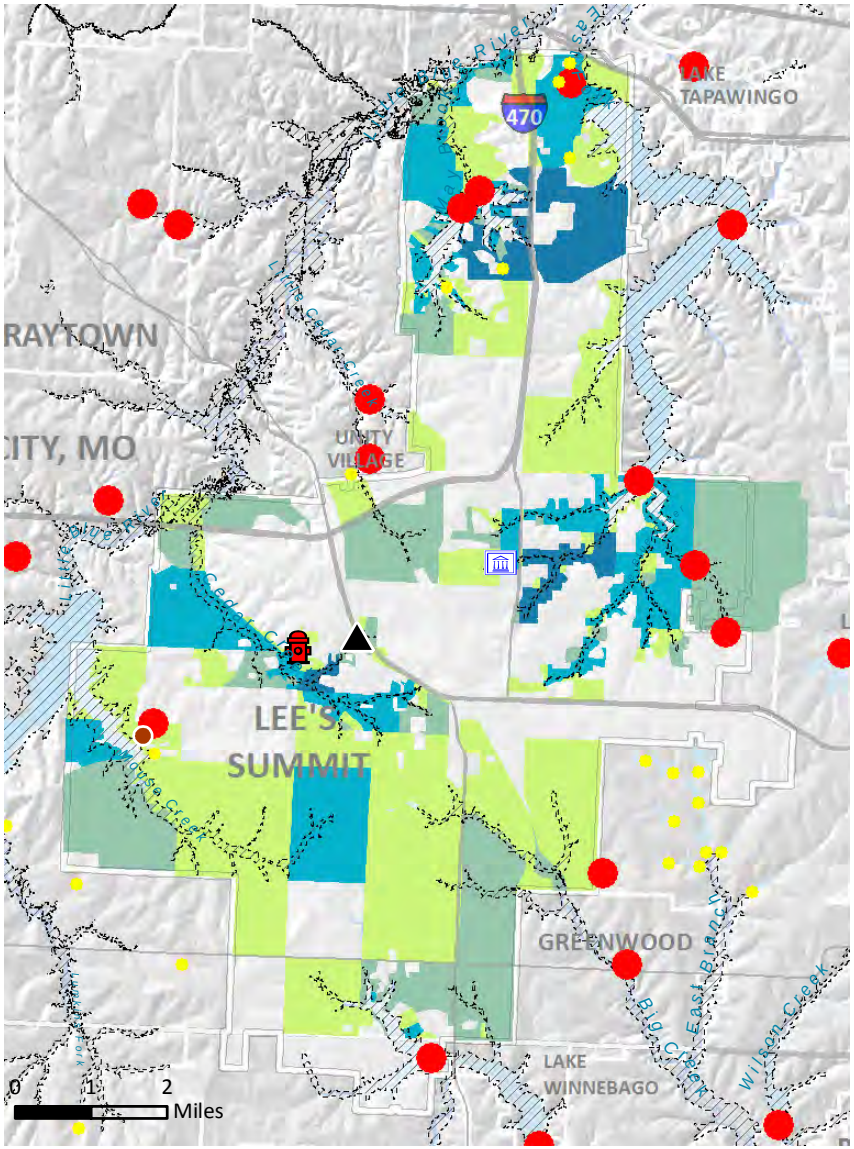
Contents Loss : $35,139,000

Other Loss : $620,000

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.







Oak Grove Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 3

Total affected parcels : 55

Total Imprvmt. Value : $2,268,418

Total Land Value : $671,666

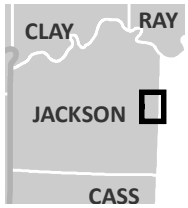
Total Value : $2,940,084

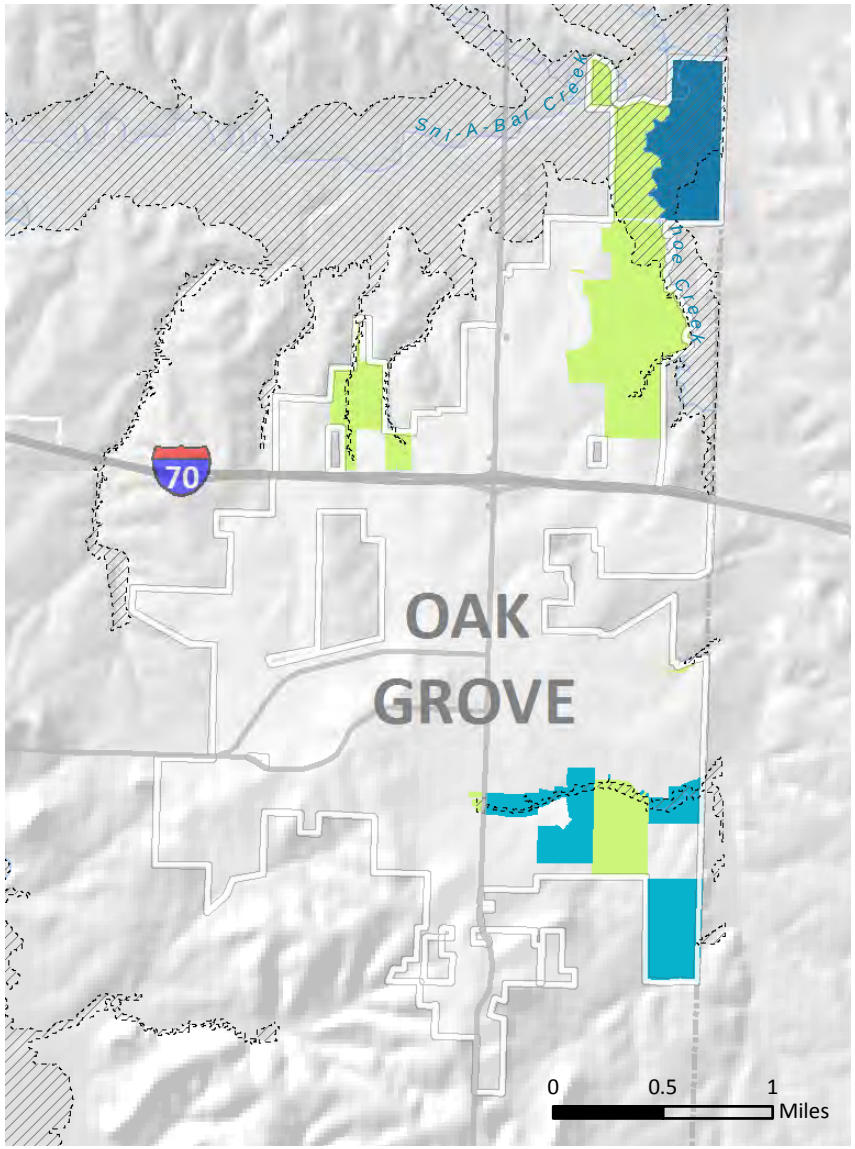
Note: Parcel estimates for loss are based on 2012 parcel data for improvement valueas provided by the county.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Oak Grove Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 3

Total affected Census Blocks : 11

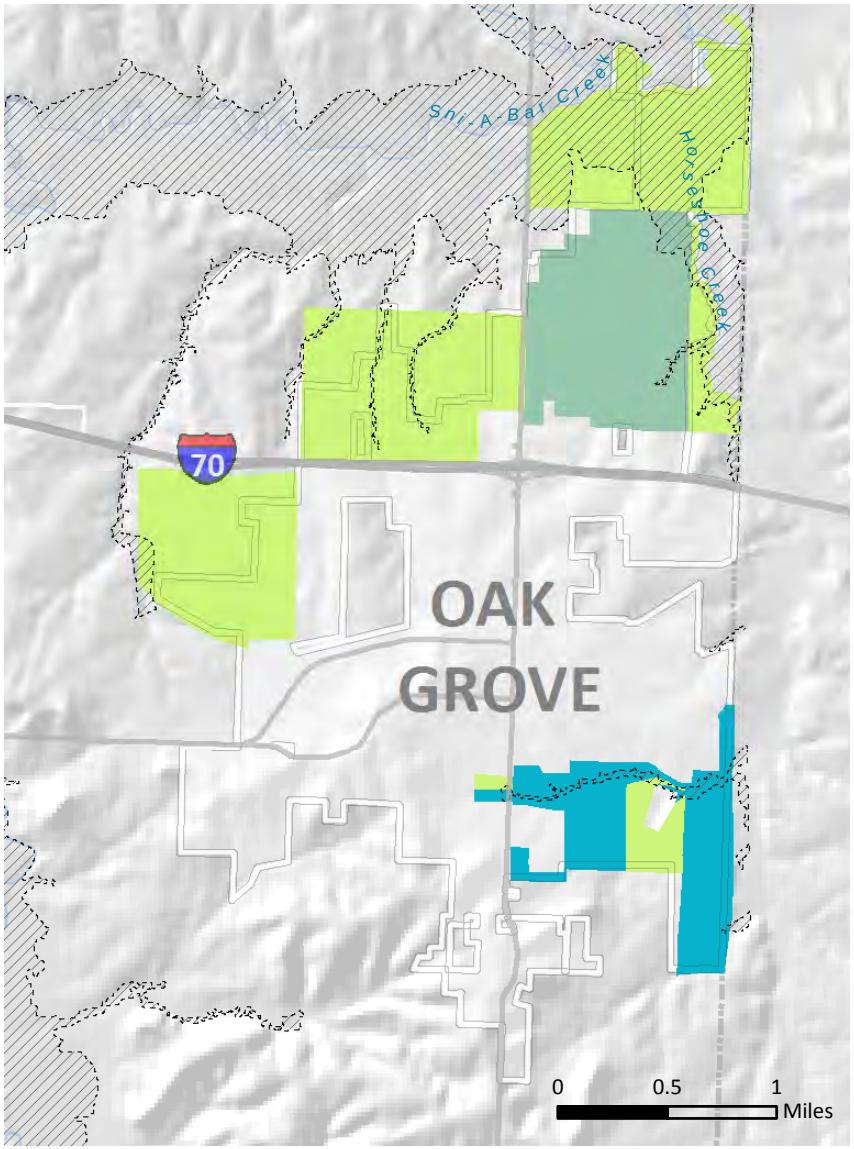
Total Loss : $1,664,000

Building Loss : $729,000

Contents Loss : $901,000

Other Loss : $34,000

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.



Raytown Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 43

Total affected parcels : 168

Total Imprvmt. Value : $11,201,060

Total Land Value : $2,433,420

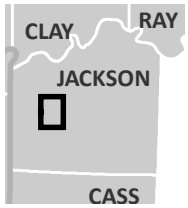
Total Value : $13,634,480

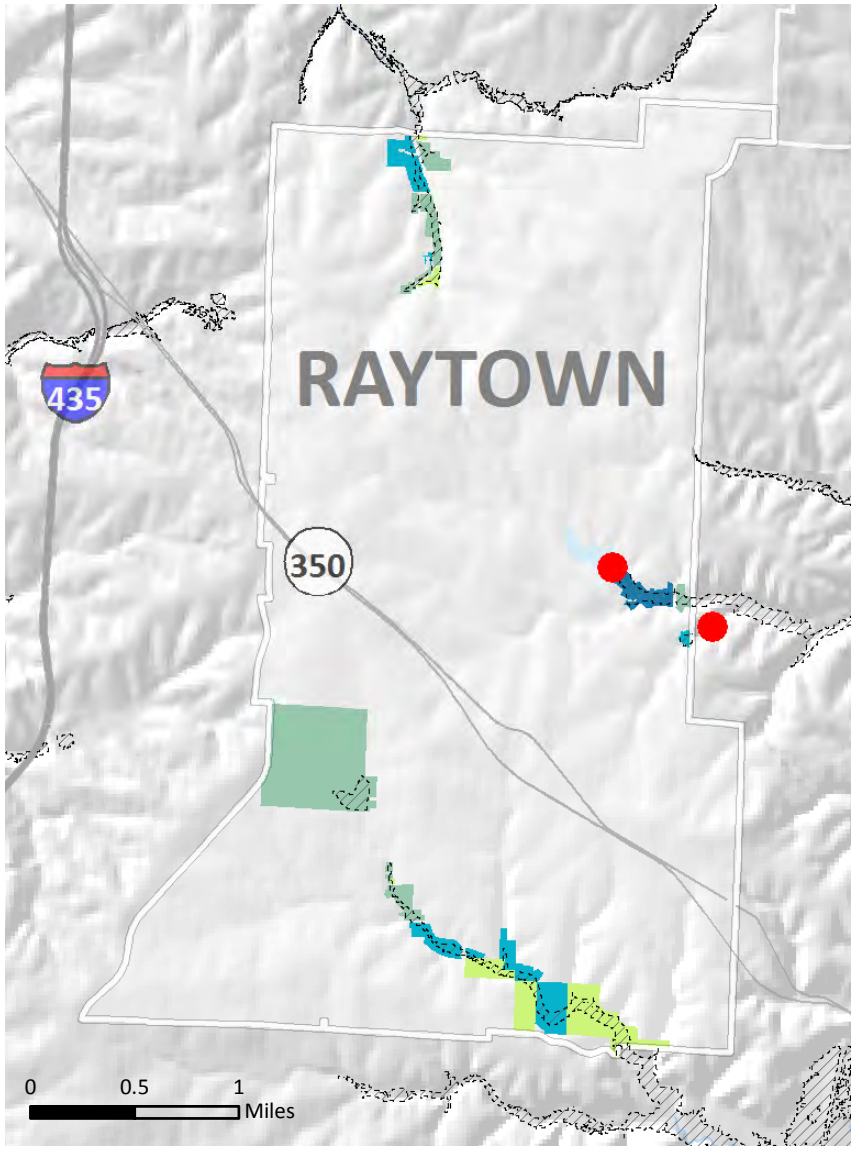
Note: Parcel estimates for loss are based on 2012 parcel data for improvement valueas provided by the county.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Raytown Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 43

Total affected Census Blocks : 32

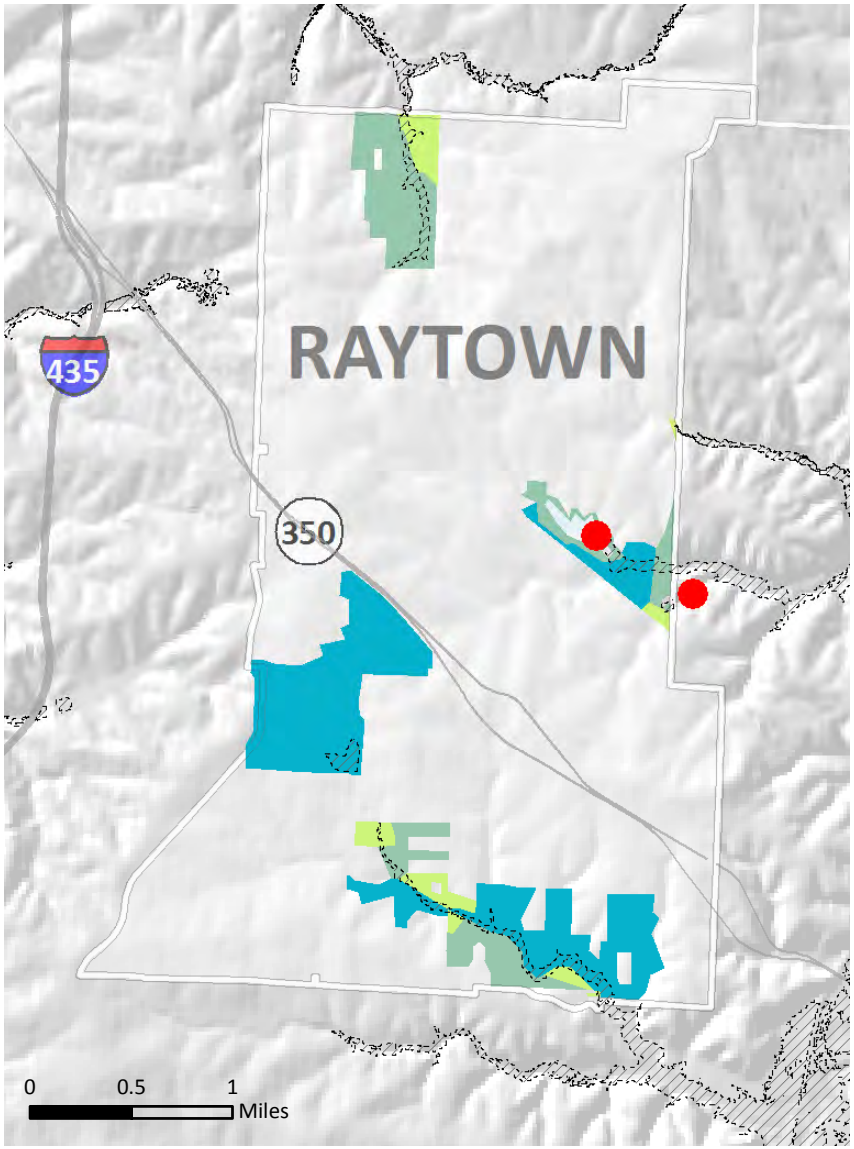
Total Loss : $7,983,000

Building Loss : $4,589,000

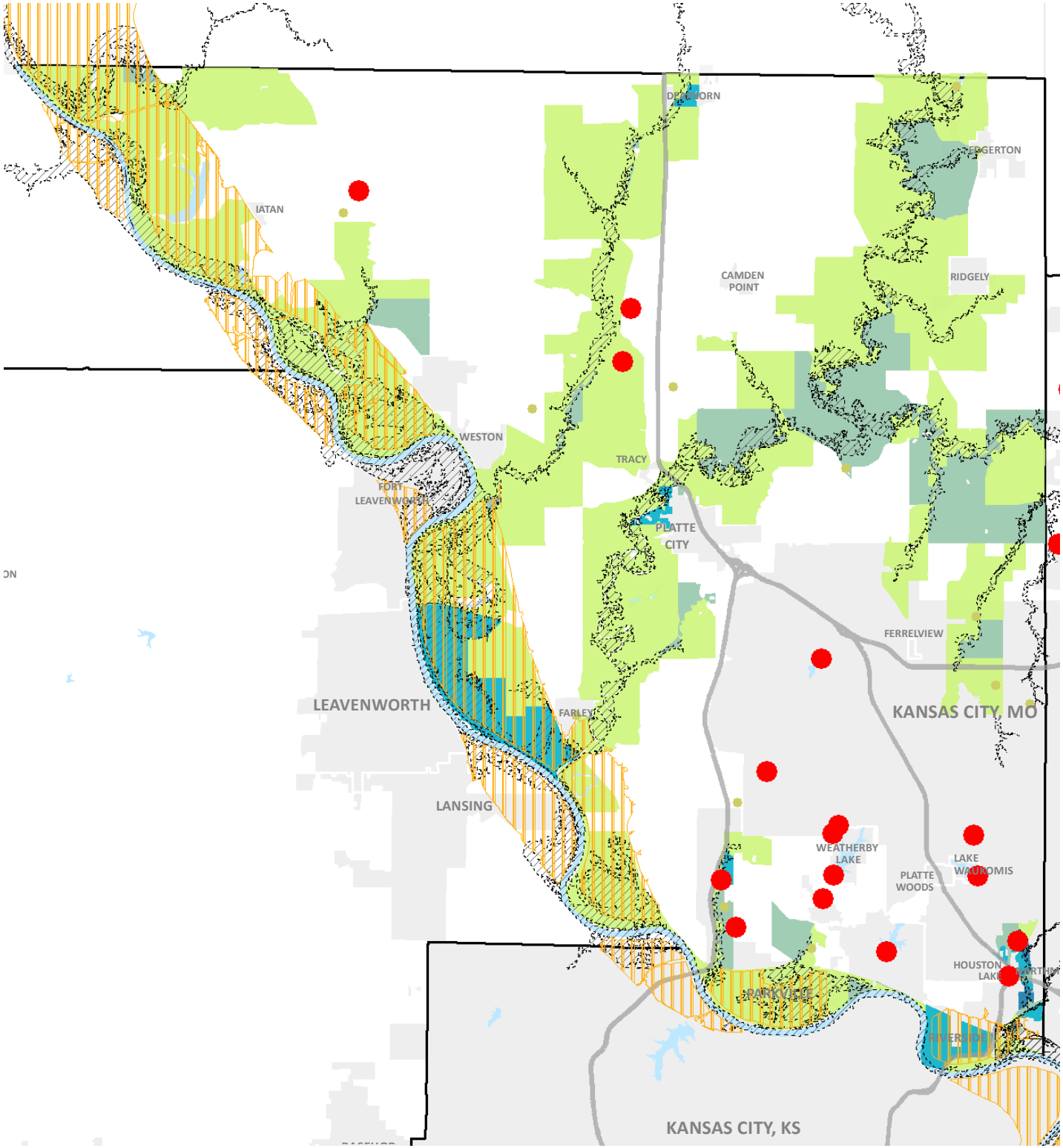
Contents Loss : $3,288,000

Other Loss : $106,000

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.



Platte County Flood Loss Estimates (HAZUS)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Total Direct Economic Loss ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 390

Total Loss : $47,757,000

Building Loss : $22,671,000

Contents Loss : $24,073,000

Inventory Loss : $831,000

Wage Loss : $120,000

Income Loss : $38,000

Relocation Costs : $15,000

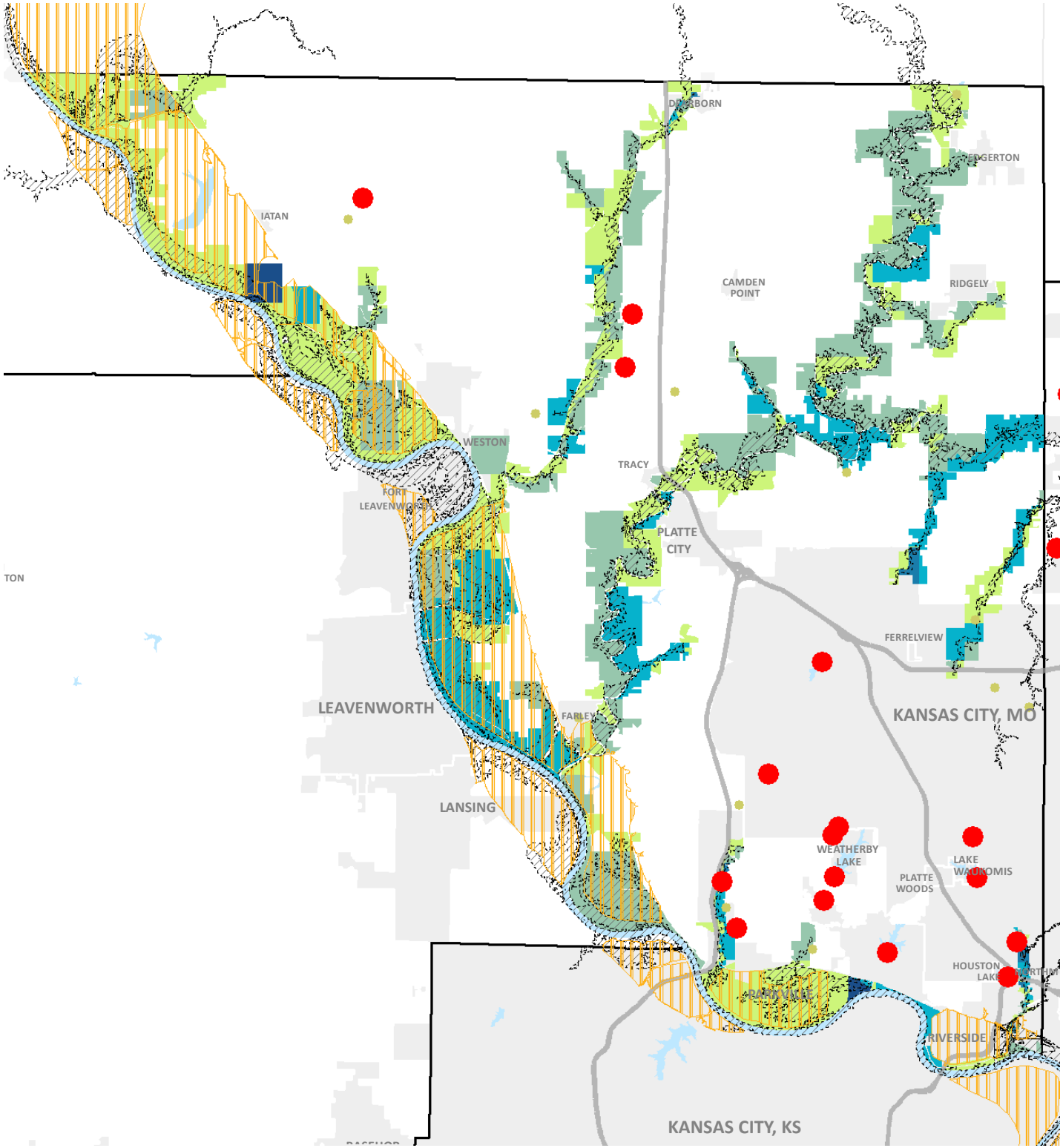
Rental Income Loss : $9,000

Buildings in Flood Boundary : 204

Buildings in Leveed Area : 645

Note: HAZUS estimates for General Building Stock are based on Census block level geographies.

Platte County Flood Loss Estimates (Parcels)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Parcel Improvement Value ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 1,453

Improvement Value : $376,320,921

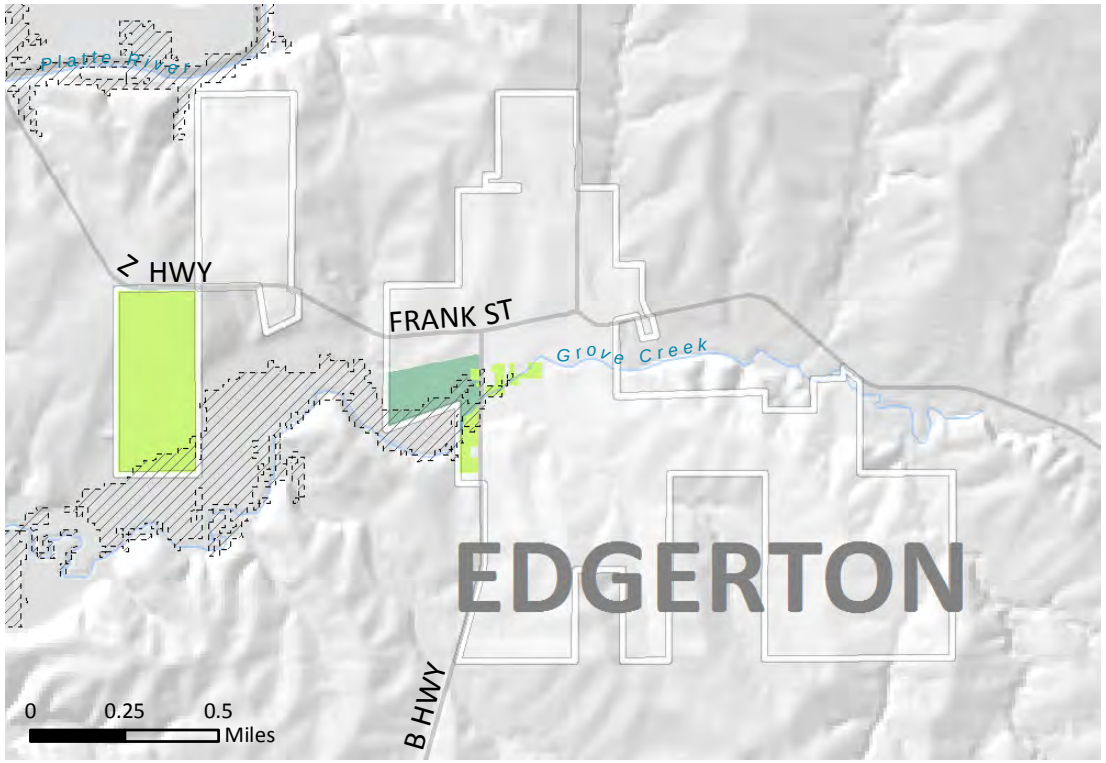
Land Value : $55,998,007

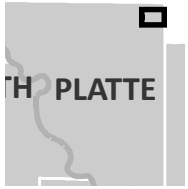
Total Value : $432,318,928

Buildings in Flood Boundary : 204

Buildings in Leveed Area : 645

Note: Parcel estimates for loss are based on 2012 county parcel data for improvement value. Parcels have been aggregated / dissolved by census block geographies for comparison with HAZUS data.





Edgerton Flood Loss Estimates (Parcels)

Total affected parcels : 12

Total Imprvmt. Value : $201,260

Total Land Value : $126,249

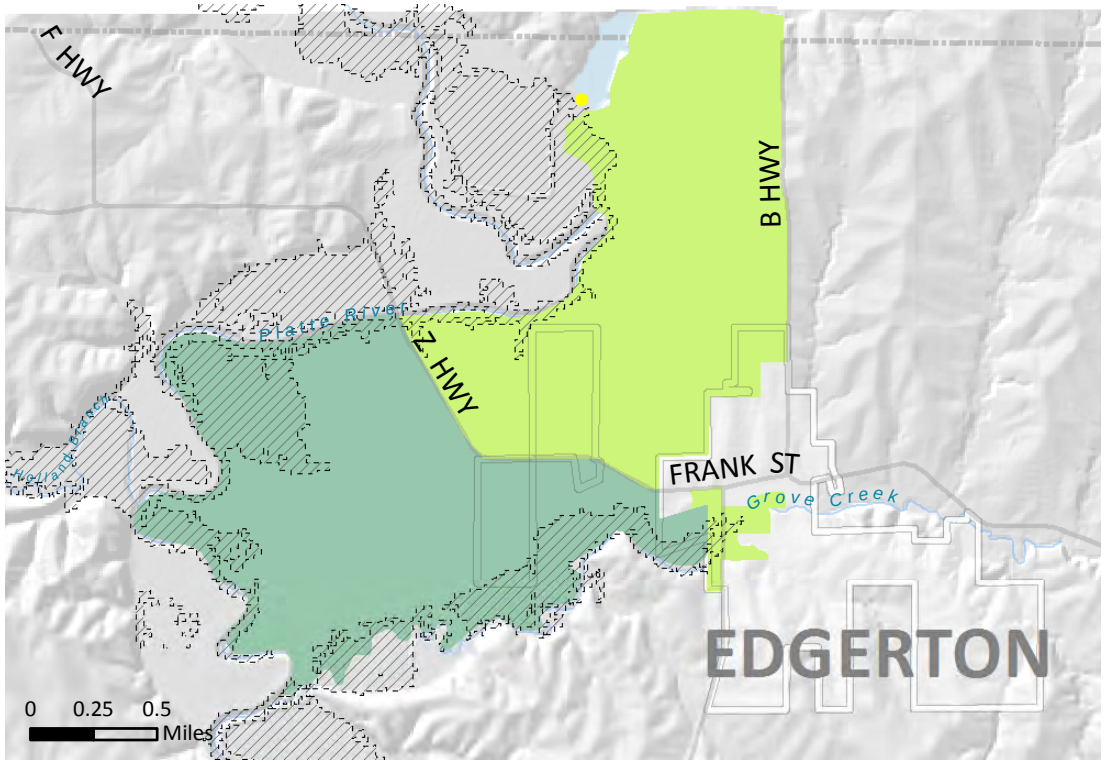
Total Value : $327,509

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Edgerton Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 10

Total Loss : $383,000

Building Loss : $108,000

Contents Loss : $274,000

Other Loss : $10,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

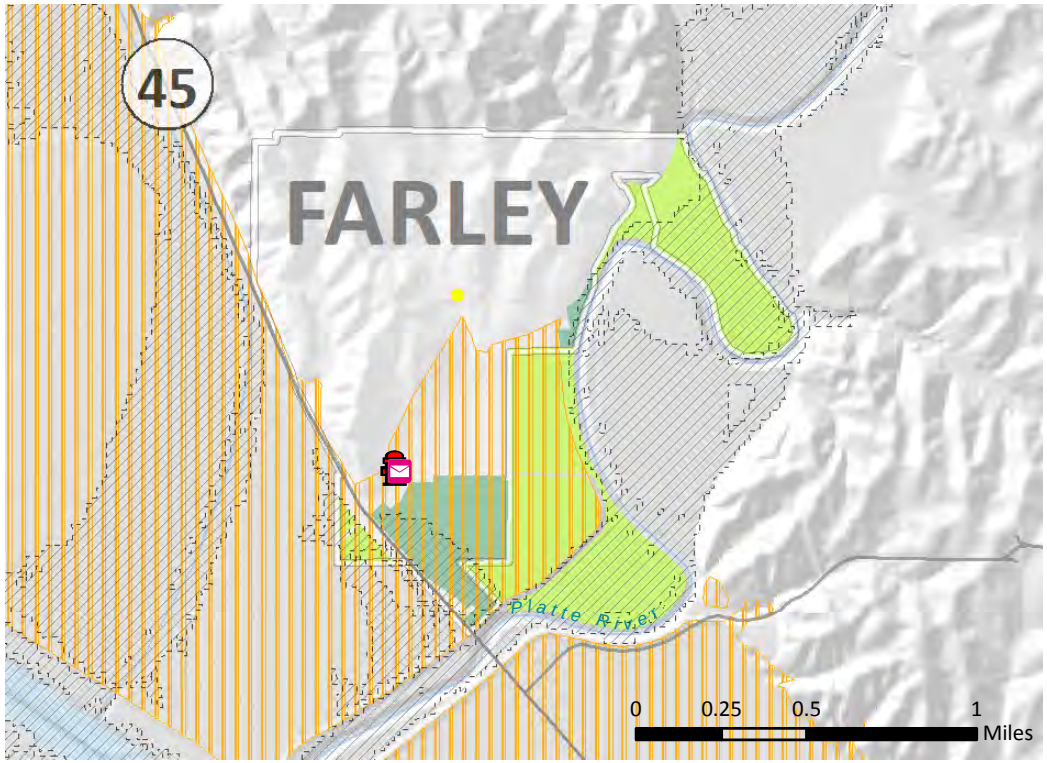
Buildings in Flood Boundary : 0

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary



Farley Flood Loss Estimates (Parcels)

Total affected parcels : 23

Total Imprvmt. Value : $339,043

Total Land Value : $342,325

Total Value : $681,368

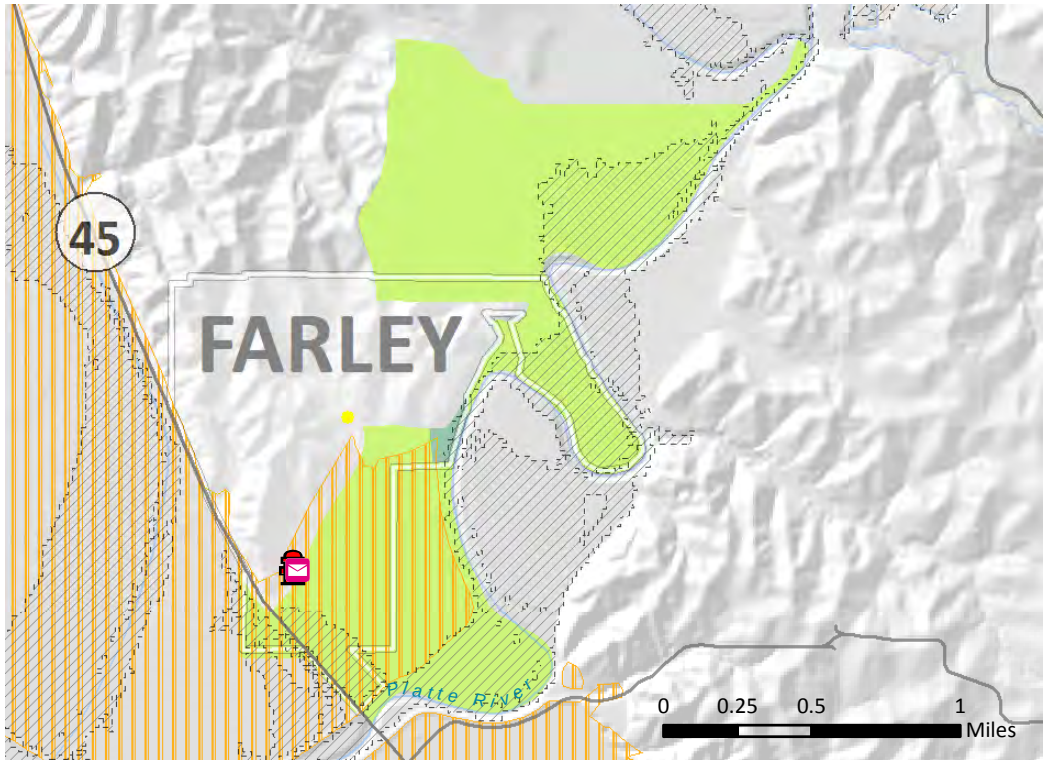
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1

Buildings in Leveed Area : 78

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Farley Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 8

Total Loss : $171,000

Building Loss : $110,000

Contents Loss : $60,000

Other Loss : $1,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1

Buildings in Leveed Area : 78

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Leveed Area

- Post Office (1)
- Fire (1)

Hazard Level of Dams

- High
- Significant
- Low

2013 HAZUS Flood Boundary

Leveed Area

Ferrelview Flood Loss Estimates (Parcels)

Total affected parcels : 0

Total Imprvmt. Value : $0

Total Land Value : $0

Total Value : $0

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary

Ferrelview Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 0

Total Loss : $0

Building Loss : $0

Contents Loss : $0

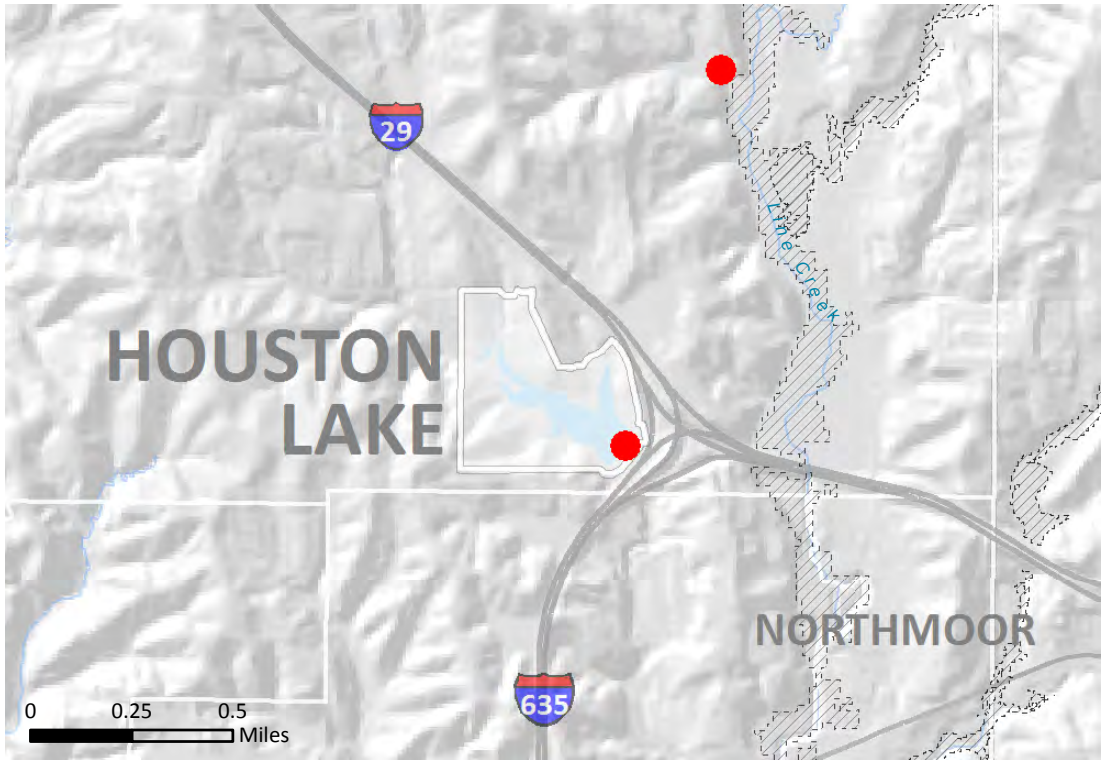
Other Loss : $0

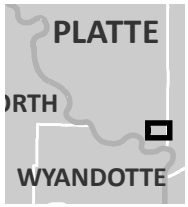
Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.





Houston Lake Flood Loss Estimates (Parcels)

Total affected parcels : 0

Total Imprvmt. Value : $0

Total Land Value : $0

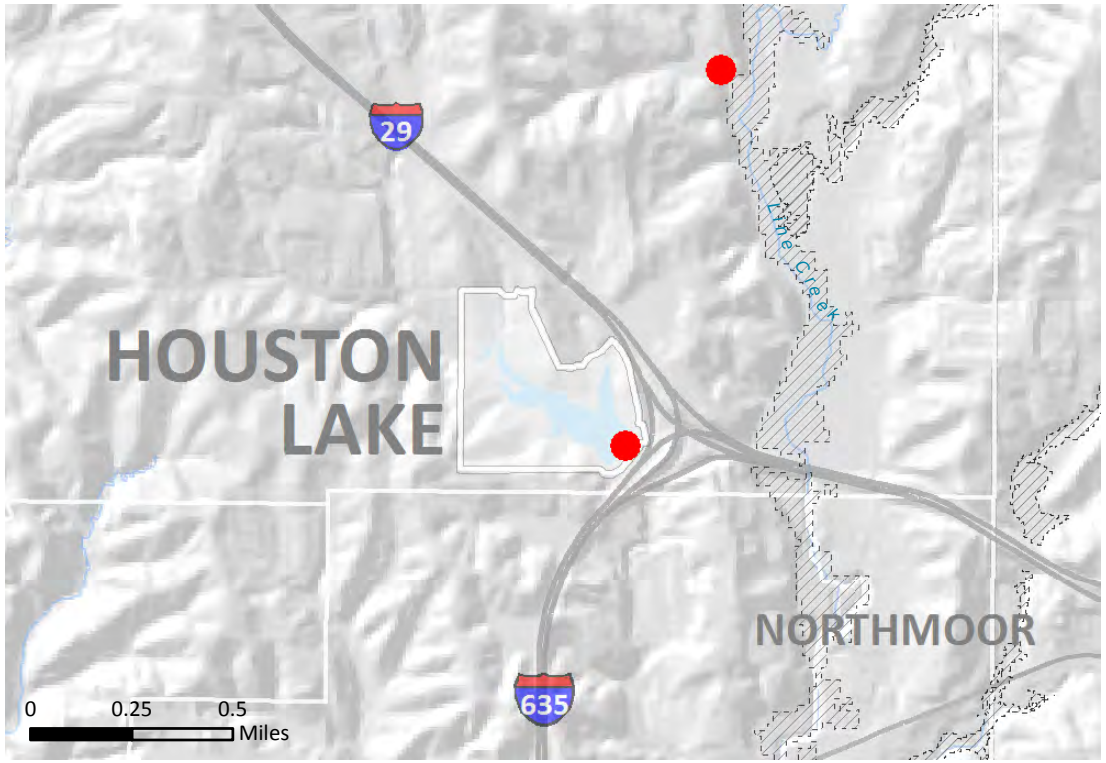
Total Value : $0

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Houston Lake Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 0

Total Loss : $0

Building Loss : $0

Contents Loss : $0

Other Loss : $0

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary

Kansas City - Platte Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 55

Total Imprvmt. Value : $13,463,143

Total Land Value : $3,200,914

Total Value : $16,664,057

Buildings in Flood Boundary : 21

Buildings in Leveed Area : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary

Kansas City - Platte Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 33

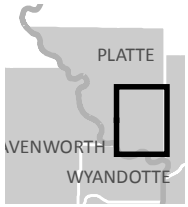
Total Loss : $17,426,000

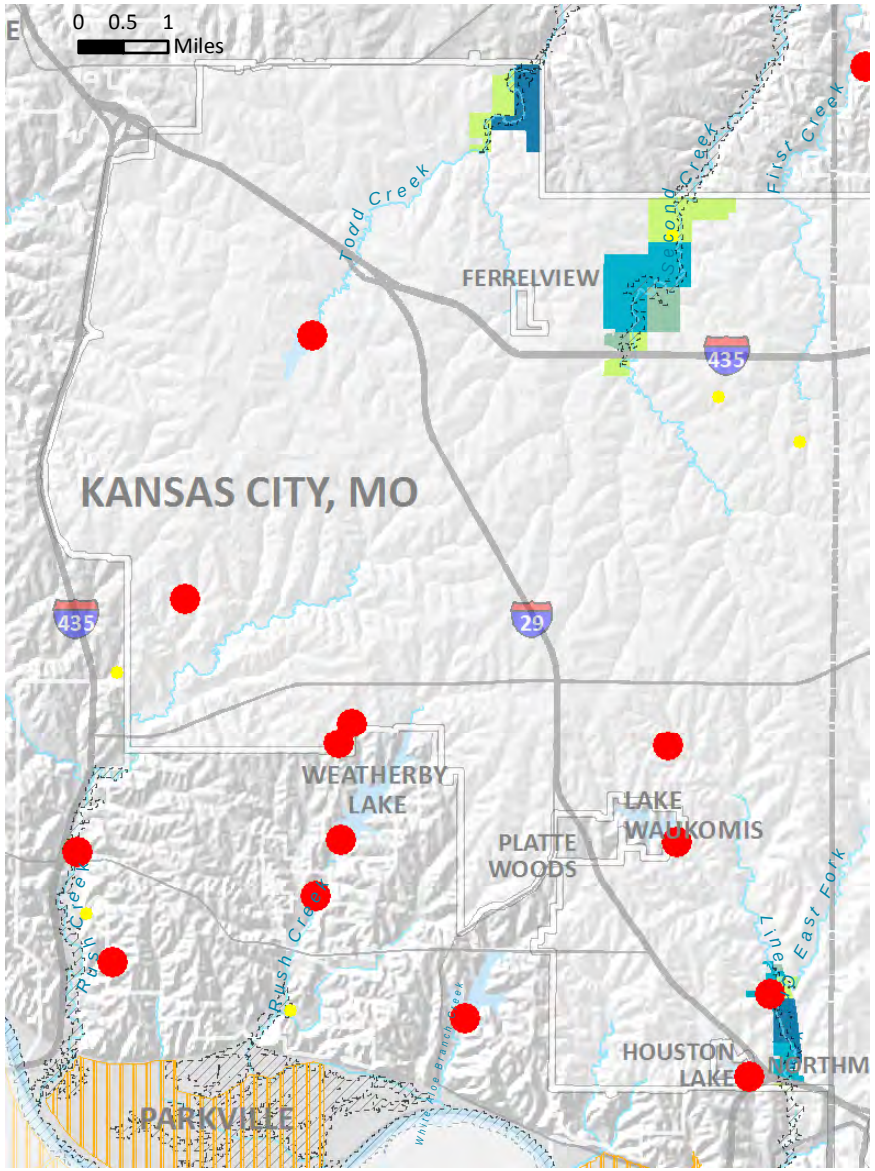
Building Loss : $9,991,000

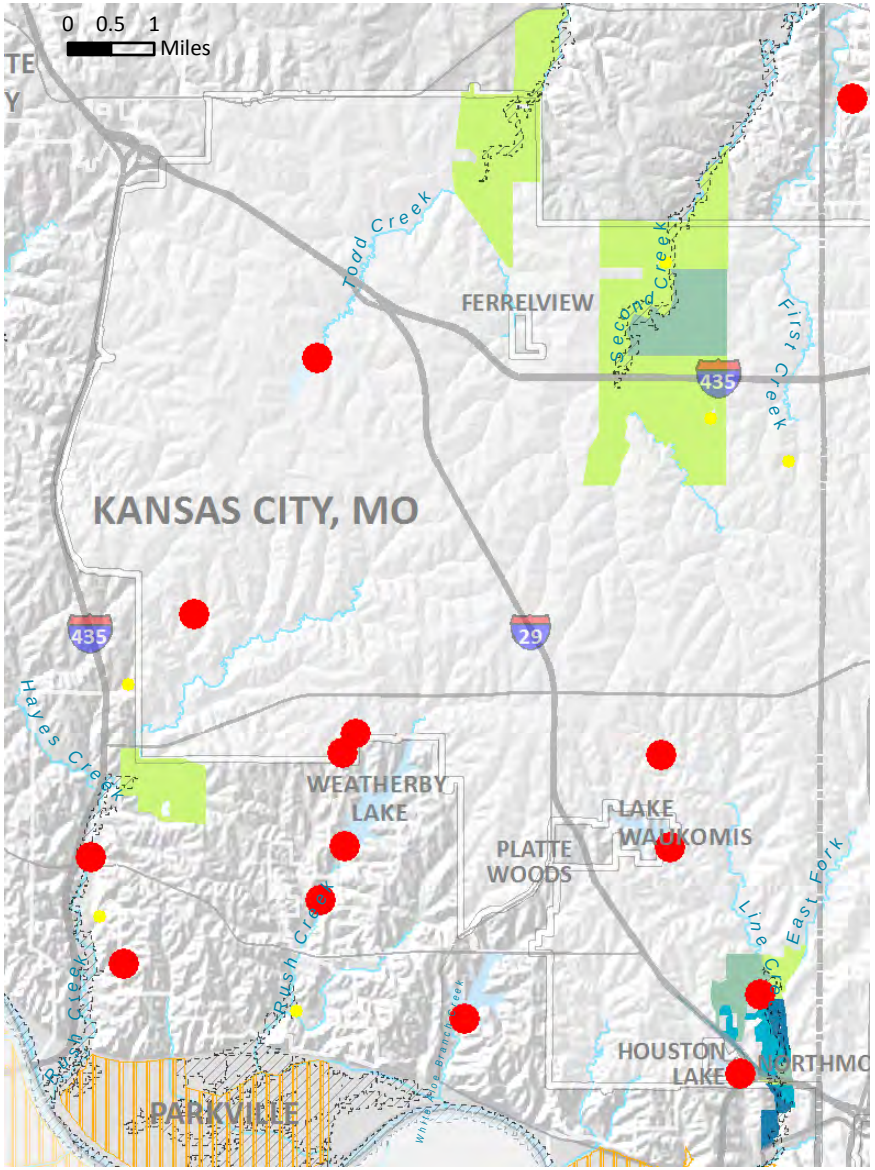
Contents Loss : $7,320,000

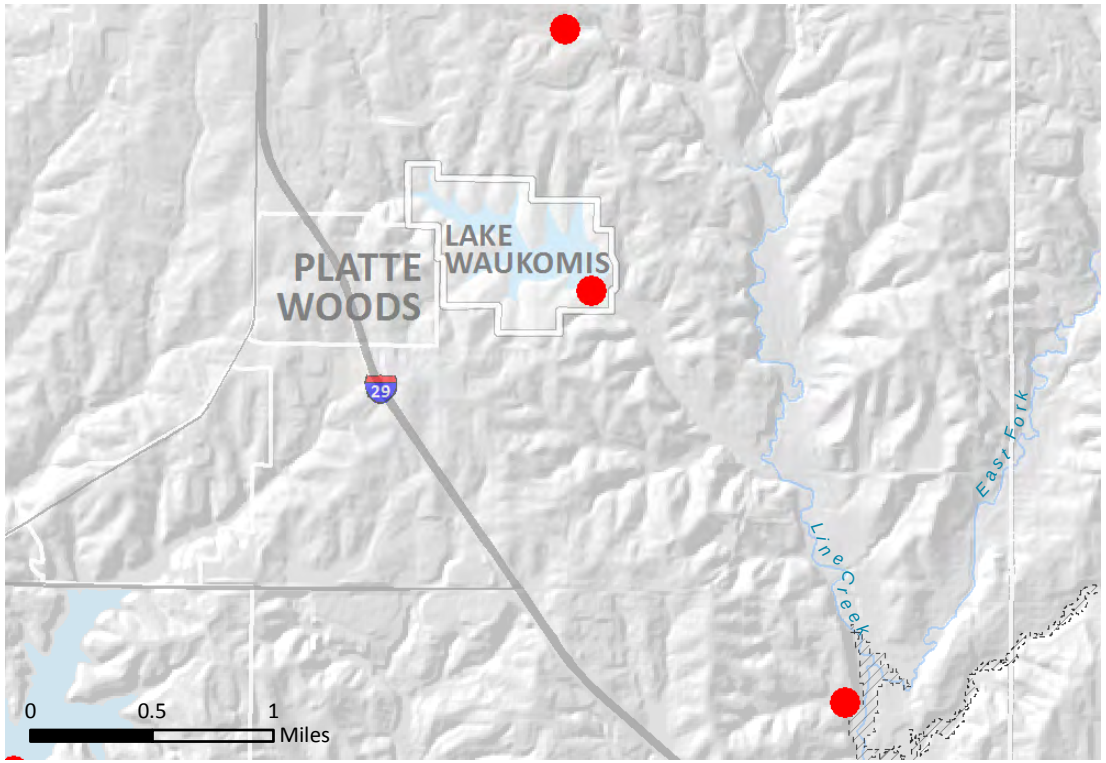
Other Loss : $115,000

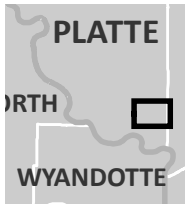
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.











Lake Waukomis Flood Loss Estimates (Parcels)

Total affected parcels : 0

Total Imprvmt. Value : $0

Total Land Value : $0

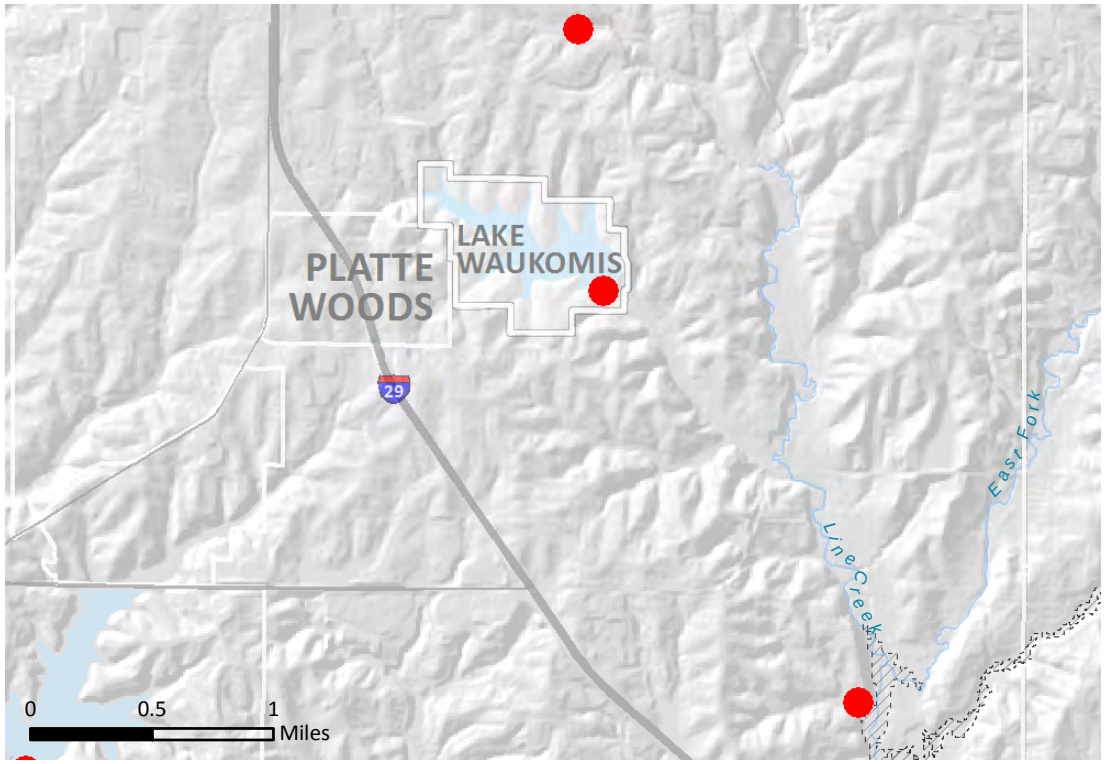
Total Value : $0

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Lake Waukomis Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 0

Total Loss : $0

Building Loss : $0

Contents Loss : $0

Other Loss : $0

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

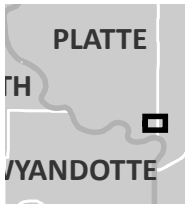
Buildings in Flood Boundary : 0

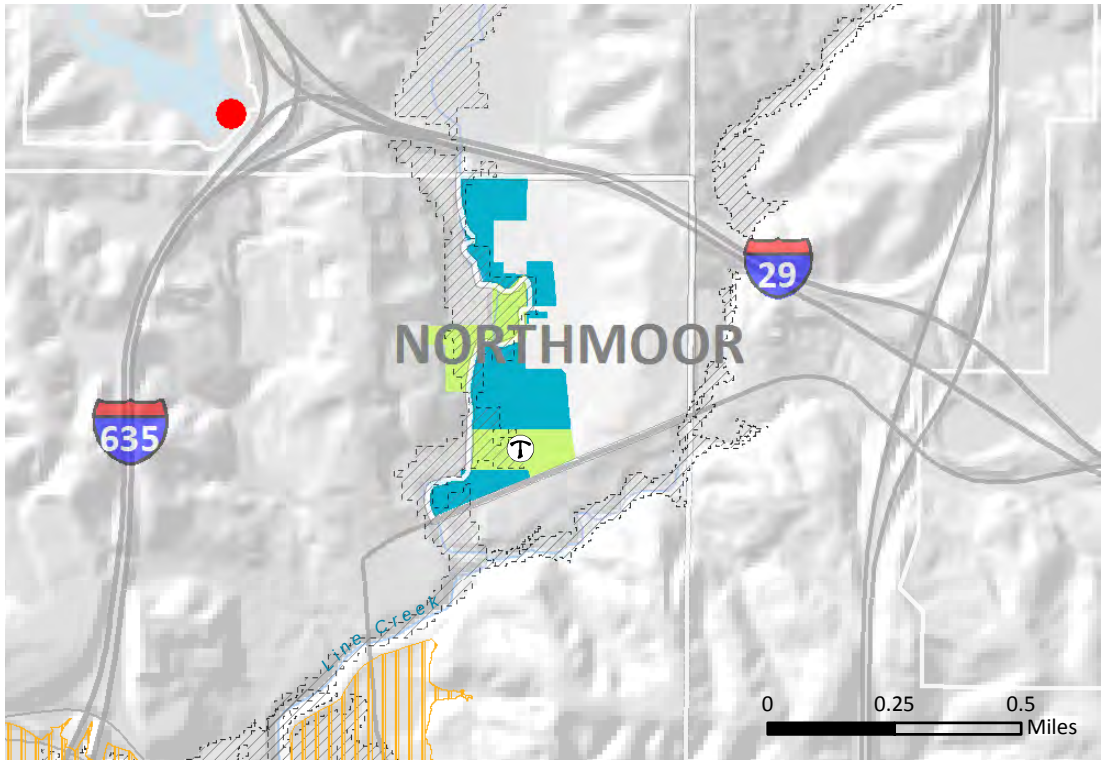
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Northmoor Flood Loss Estimates (Parcels)

Total affected parcels : 18

Total Imprvmt. Value : $3,461,553

Total Land Value : $1,421,780

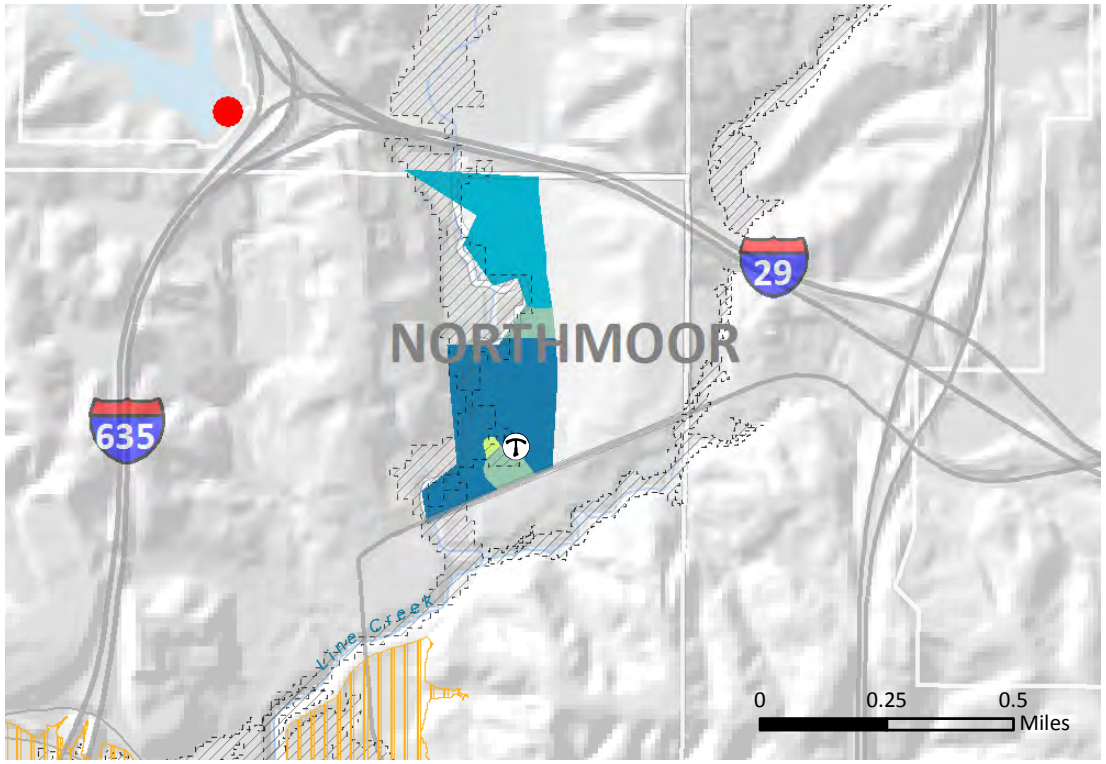
Total Value : $4,883,333

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 15

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Northmoor Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 5

Total Loss : $3,873,000

Building Loss : $1,578,000

Contents Loss : $2,173,000

Other Loss : $122,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 15

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary

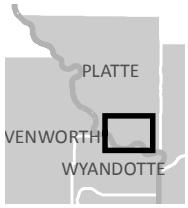
- Trailer Park (1)

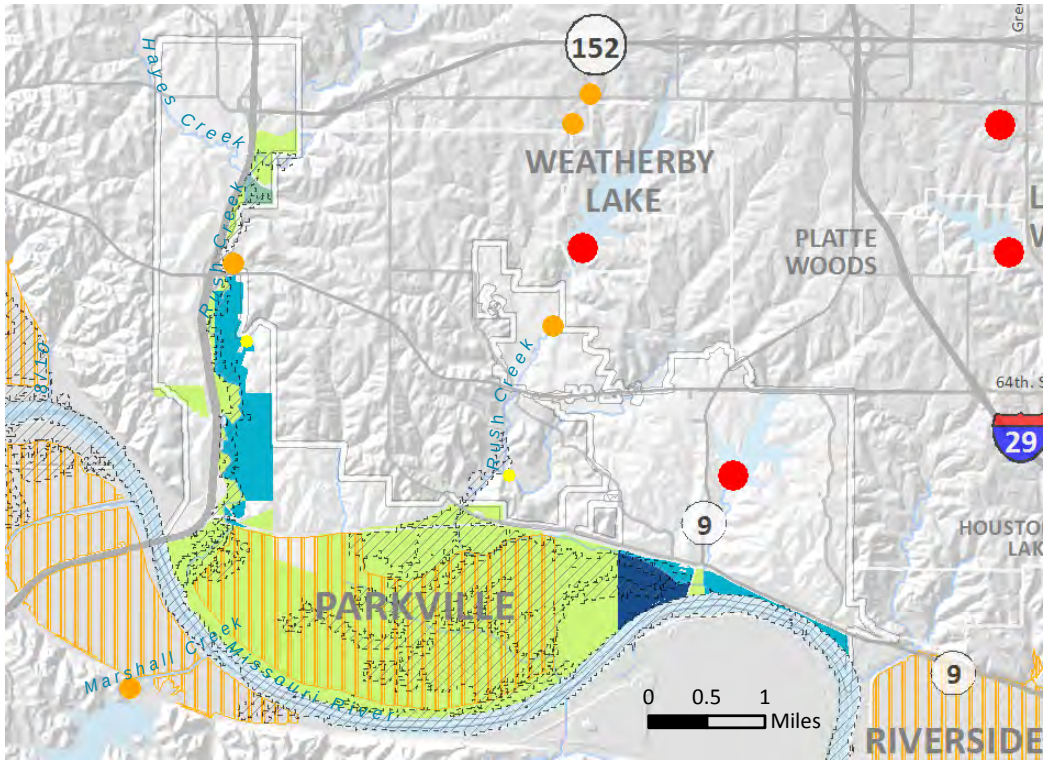
Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary





Parkville Flood Loss Estimates (Parcels)

Total affected parcels : 89

Total Imprvmt. Value : $19,509,064

Total Land Value : $3,564,631

Total Value : $23,073,695

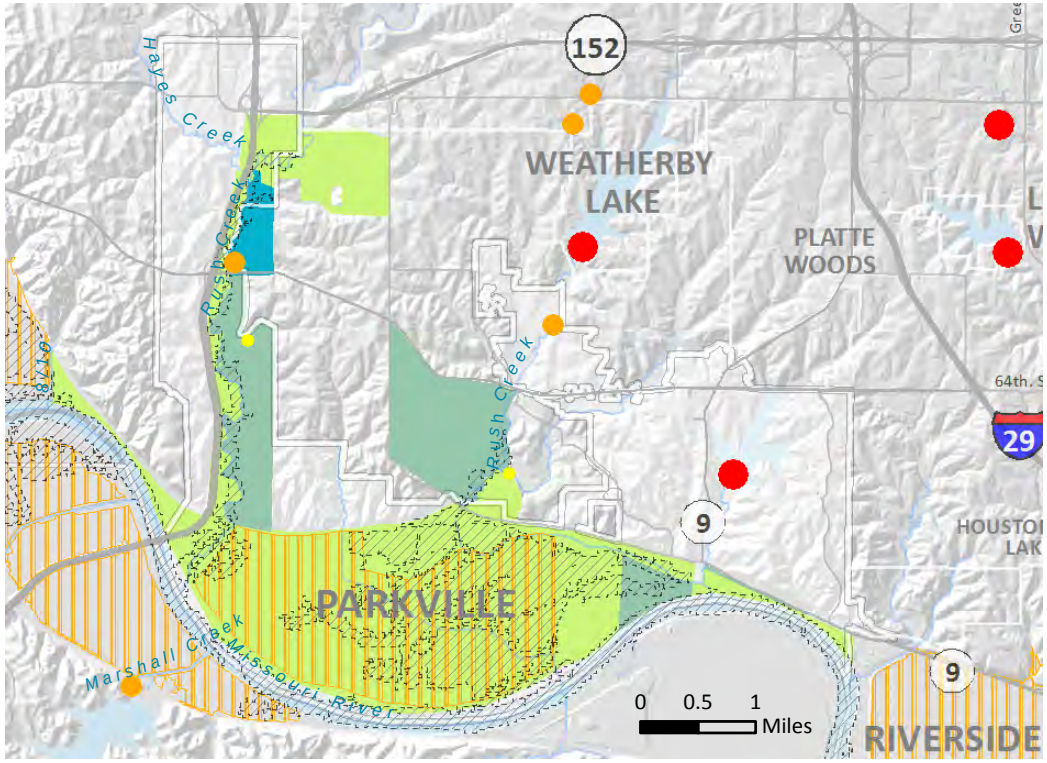
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 2

Buildings in Leveed Area : 2

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Parkville Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 30

Total Loss : $1,629,000

Building Loss : $909,000

Contents Loss : $713,000

Other Loss : $7,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 2

Buildings in Leveed Area : 2

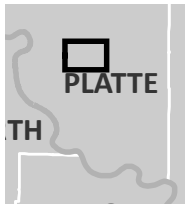
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- High
- Significant
- Low

2013 HAZUS Flood Boundary

Leveed Area



Platte City Flood Loss Estimates (Parcels)

Total affected parcels : 18

Total Imprvmt. Value : $1,363,114

Total Land Value : $920,798

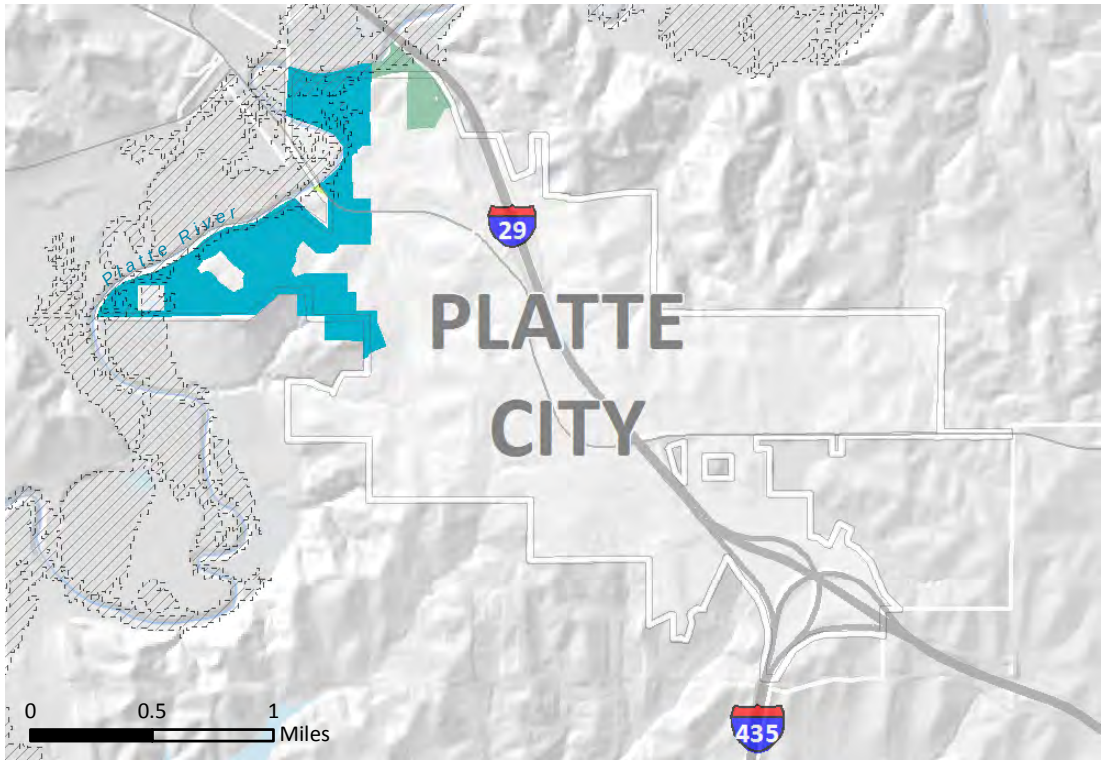
Total Value : $2,283,912

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Platte City Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 4

Total Loss : $2,174,000

Building Loss : $1,311,000

Contents Loss : $862,000

Other Loss : $1,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

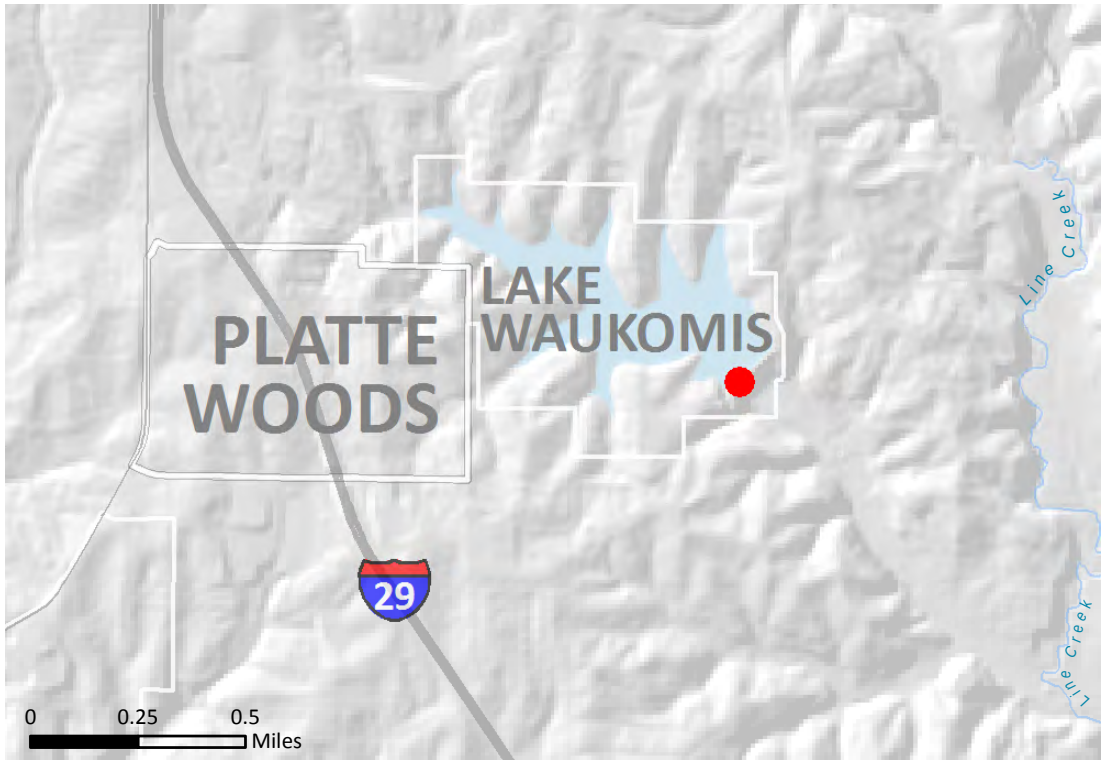
Buildings in Flood Boundary : 1

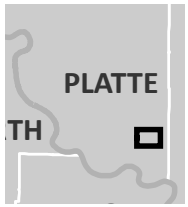
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Platte Woods Flood Loss Estimates (Parcels)

Total affected parcels : 0

Total Imprvmt. Value : $0

Total Land Value : $0

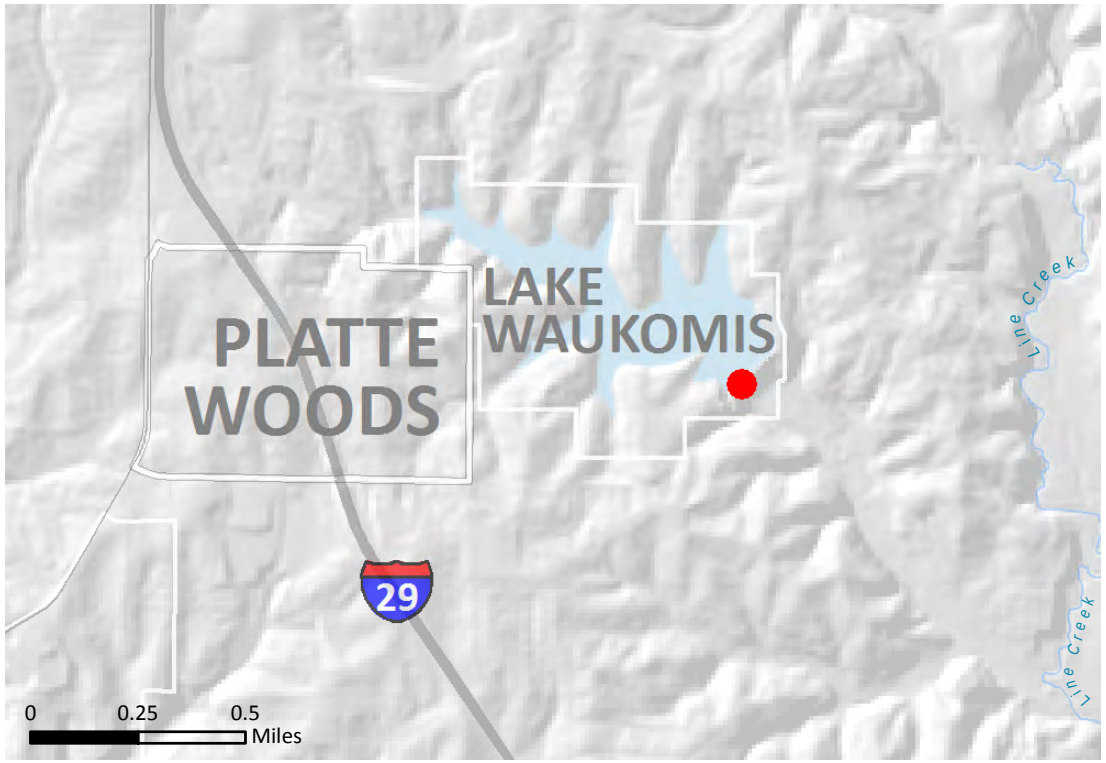
Total Value : $0

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Platte Woods Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 0

Total Loss : $0

Building Loss : $0

Contents Loss : $0

Other Loss : $0

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

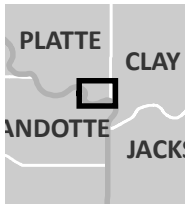
Buildings in Flood Boundary : 0

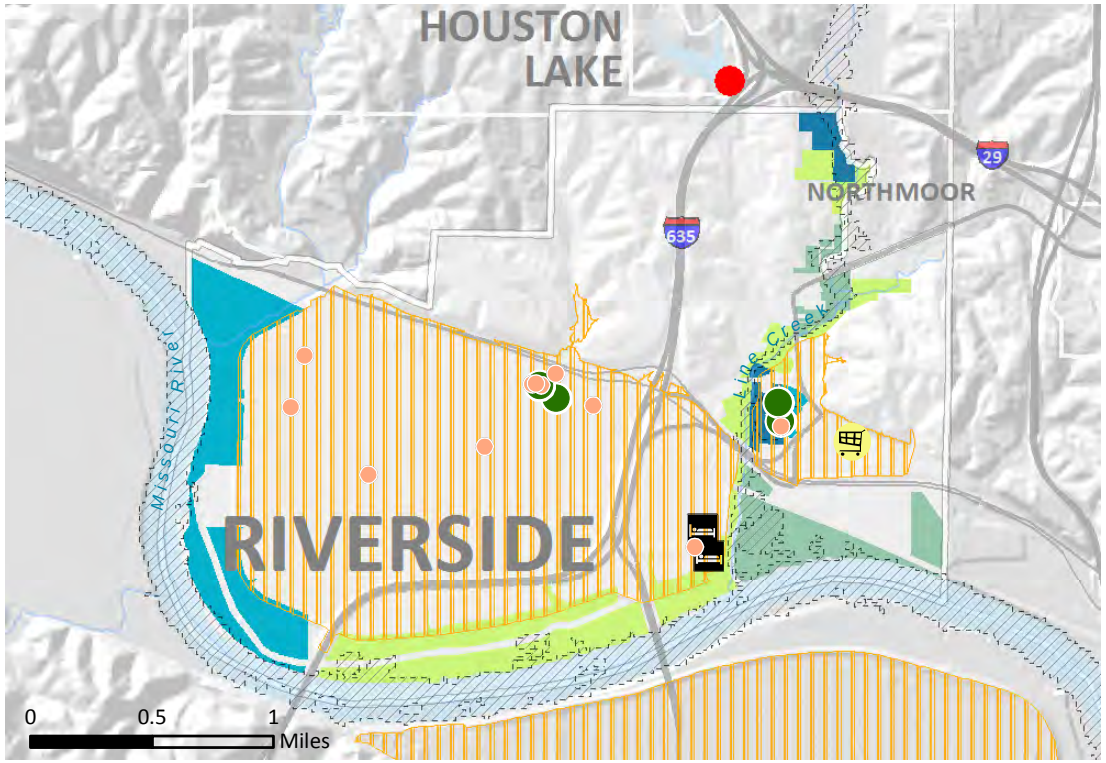
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Riverside Flood Loss Estimates (Parcels)

Total affected parcels : 121

Total Imprvmt. Value : $11,537,018

Total Land Value : $7,438,622

Total Value : $18,975,640

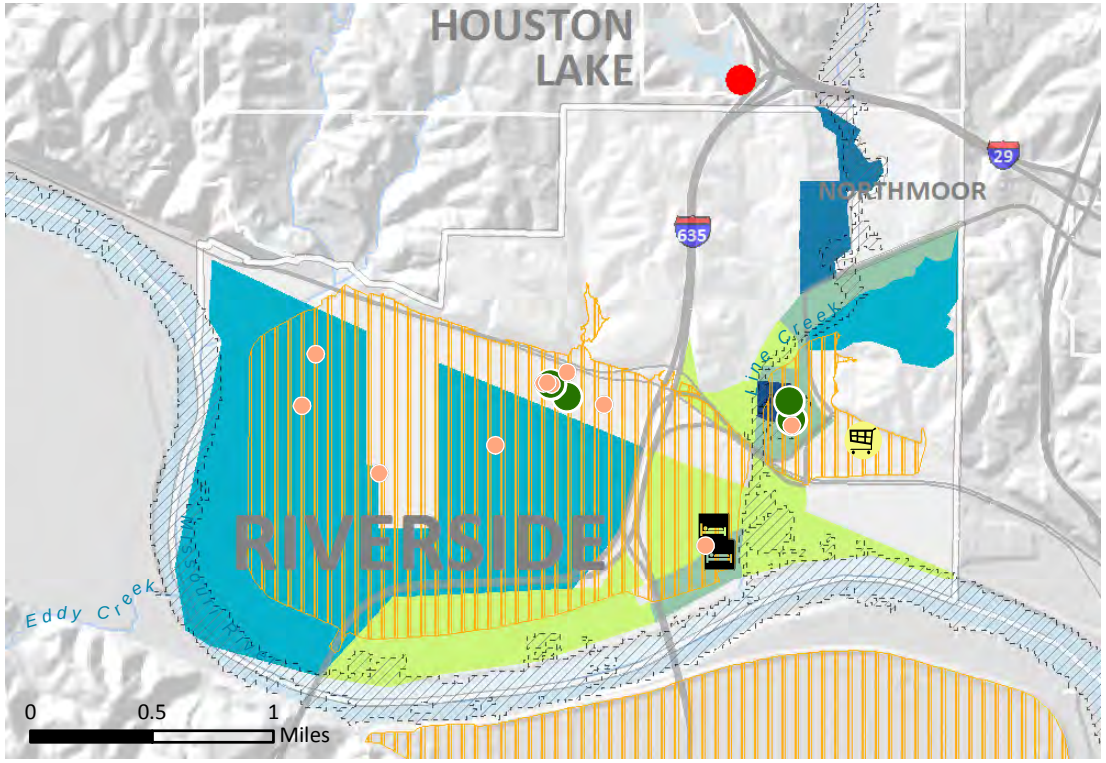
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 73

Buildings in Leveed Area : 97

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Riverside Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 21

Total Loss : $23,026,000

Building Loss : $9,734,000

Contents Loss : $12,607,000

Other Loss : $645,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 73

Buildings in Leveed Area : 97

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary or Leveed Area

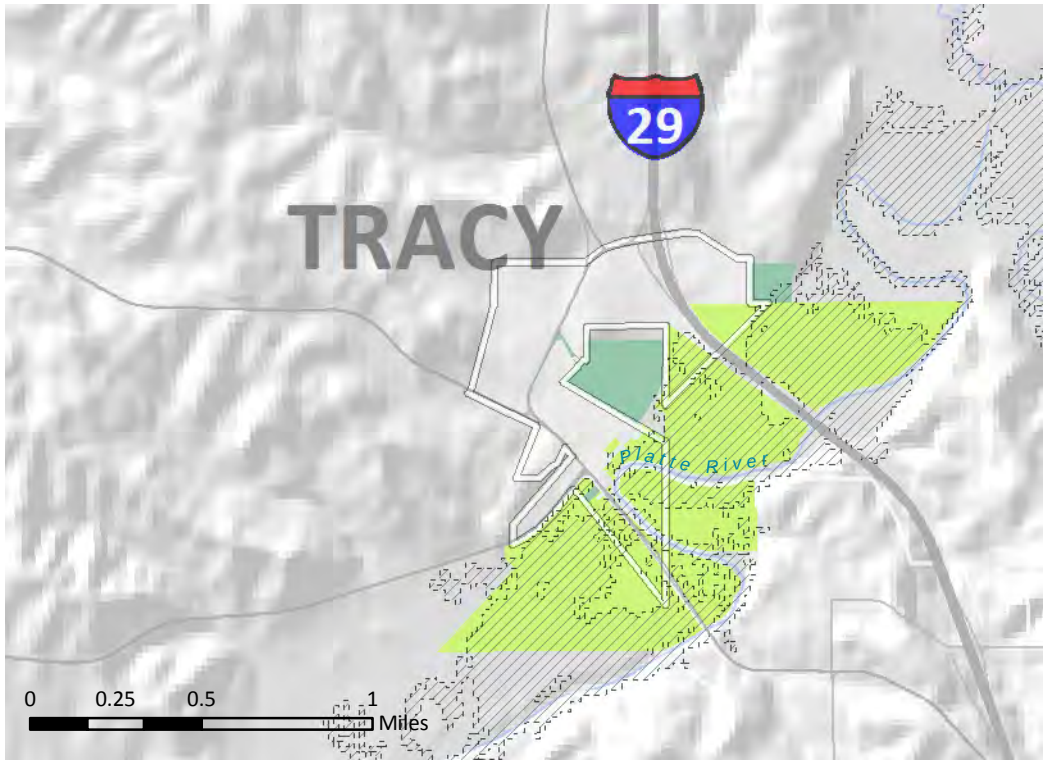
- Tier II (11)
- EPA FRS (4)
- Hotel (2)
- Shopping Centers (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary



Tracy Flood Loss Estimates (Parcels)

Total affected parcels : 31

Total Imprvmt. Value : $1,250,737

Total Land Value : $605,529

Total Value : $1,856,266

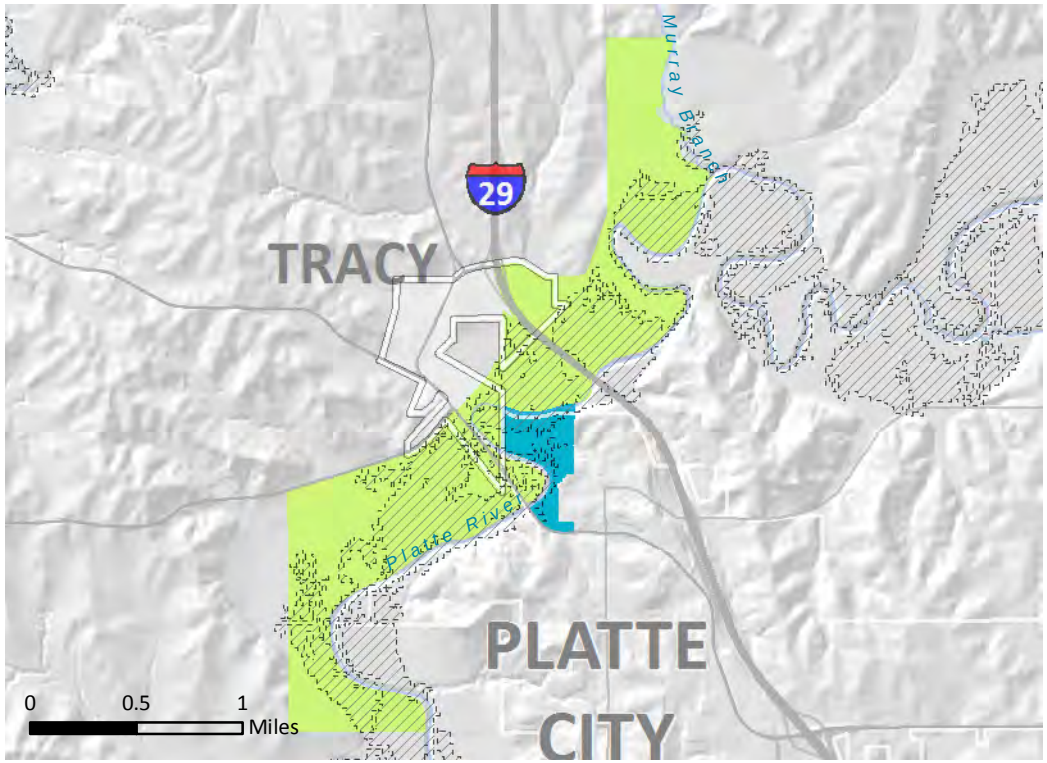
Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.

2013 HAZUS Flood Boundary



Tracy Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 10

Total Loss : $1,435,000

Building Loss : $937,000

Contents Loss : $497,000

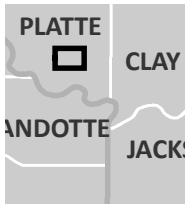
Other Loss : $1,000

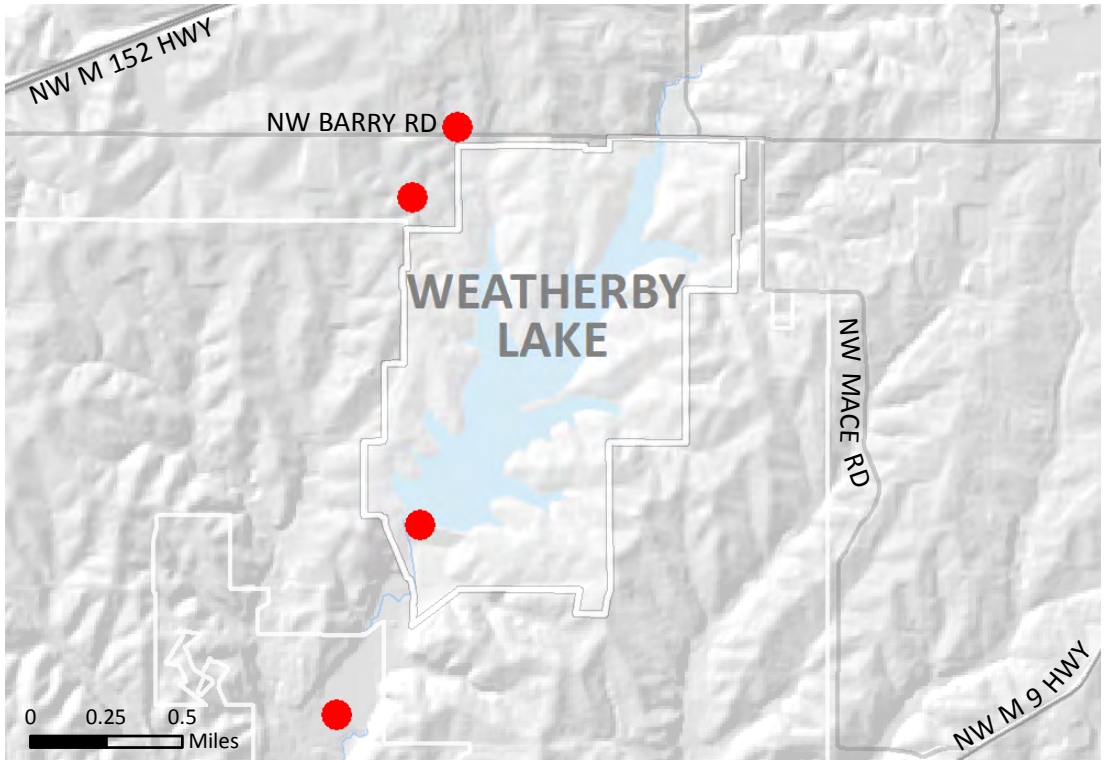
Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.





Weatherby Lake Flood Loss Estimates (Parcels)

Total affected parcels : 0

Total Imprvmt. Value : $0

Total Land Value : $0

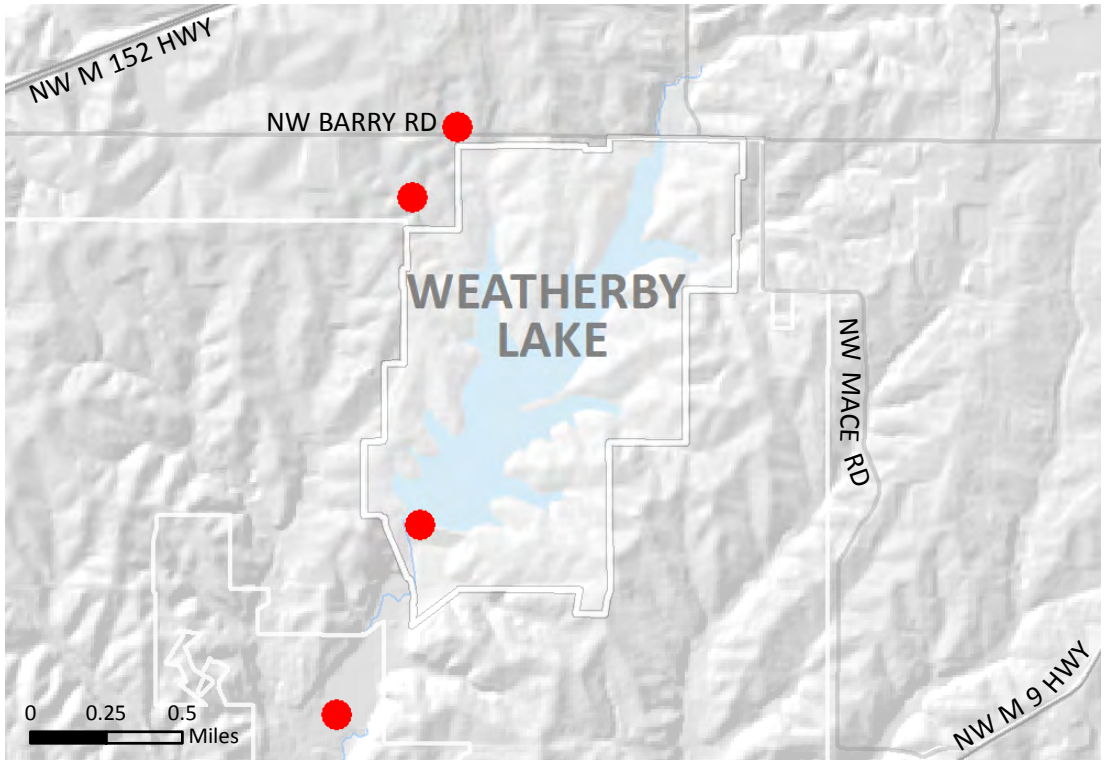
Total Value : $0

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 0

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Weatherby Lake Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 0

Total Loss : $0

Building Loss : $0

Contents Loss : $0

Other Loss : $0

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

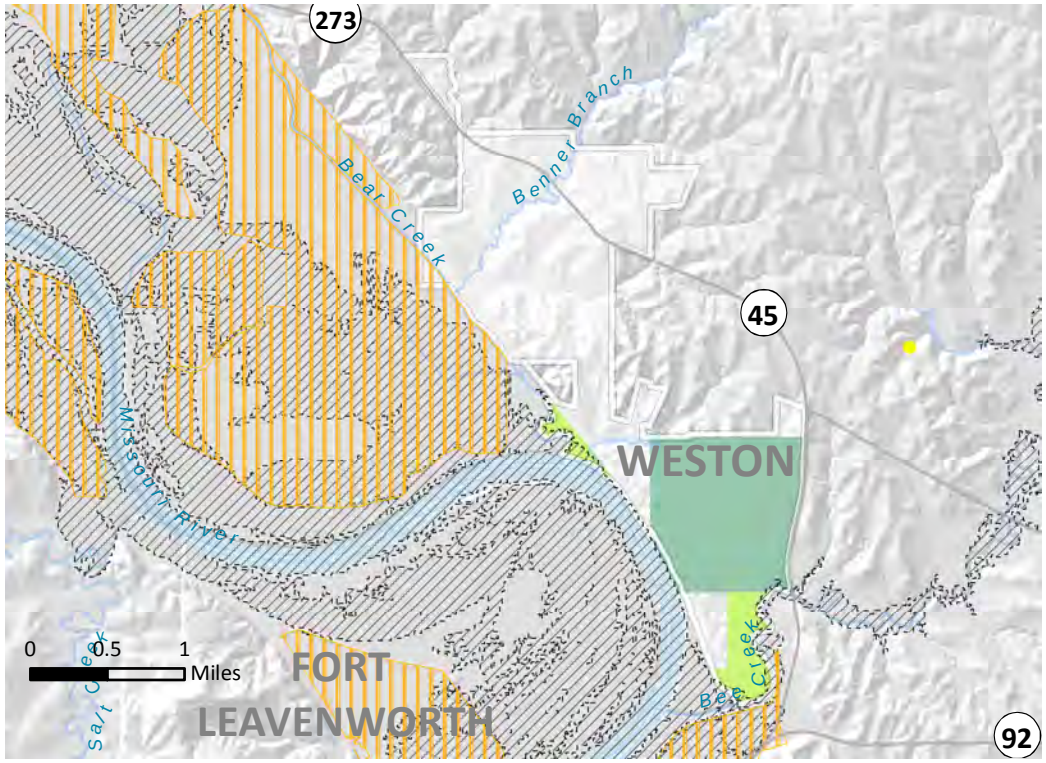
Buildings in Flood Boundary : 0

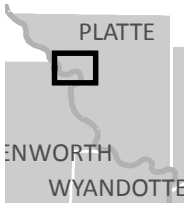
Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Hazard Level of Dams

- Low
- Significant
- High

2013 HAZUS Flood Boundary





Weston Flood Loss Estimates (Parcels)

Total affected parcels : 13

Total Imprvmt. Value : $295,128

Total Land Value : $514,266

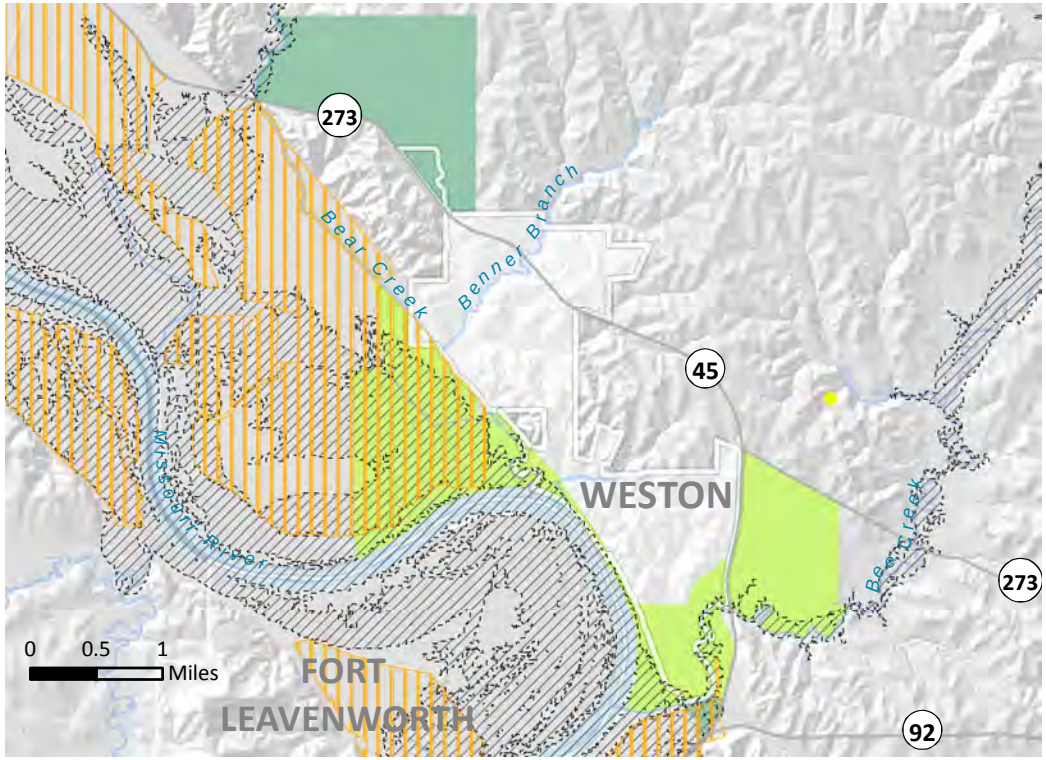
Total Value : $809,394

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Weston Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 13

Total Loss : $485,000

Building Loss : $179,000

Contents Loss : $305,000

Other Loss : $1,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : 1

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

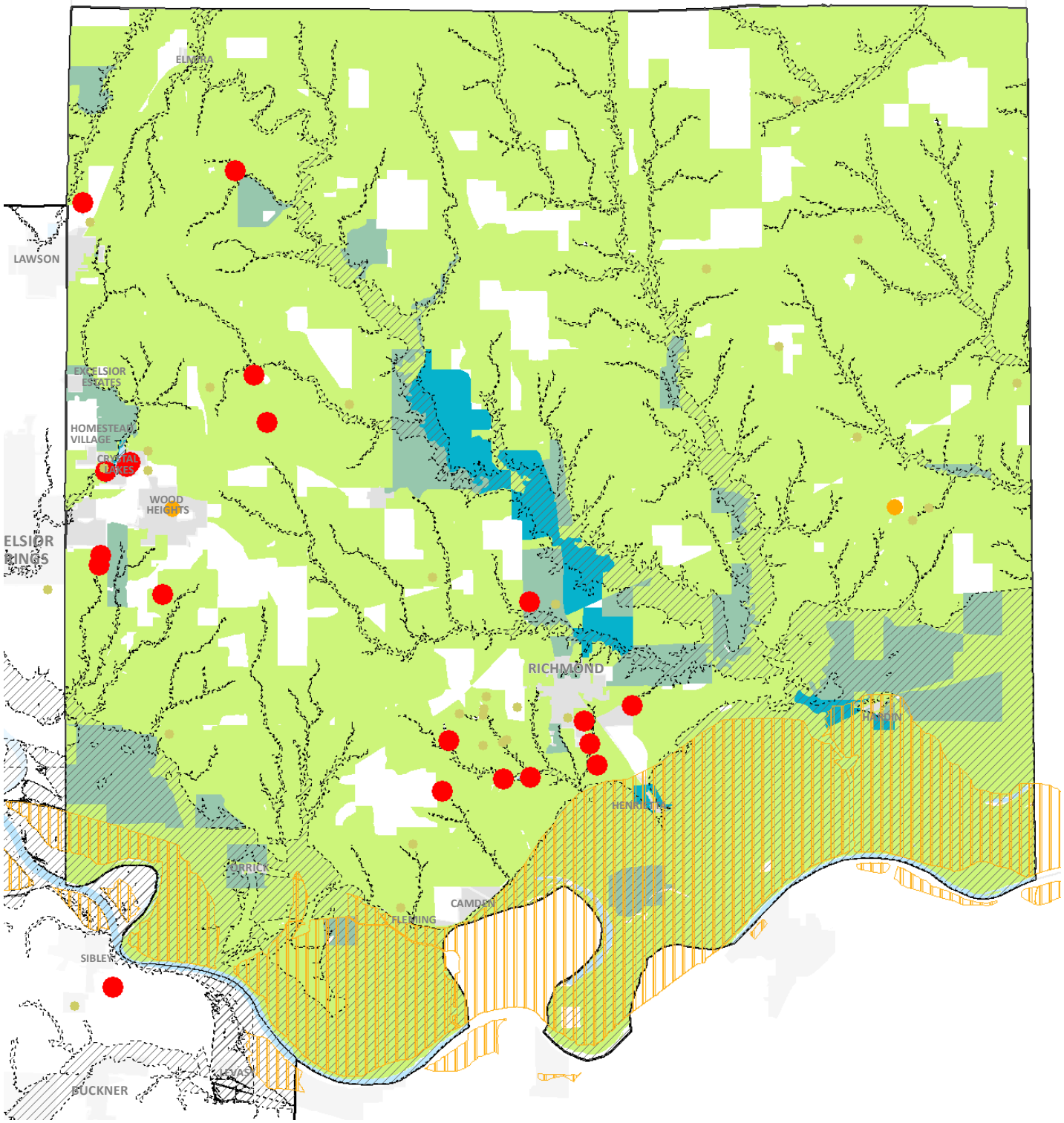
Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary

Ray County Flood Loss Estimates (HAZUS)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Total Direct Economic Loss ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census blocks : 989

Total Loss : $34,019,000

Building Loss : $18,246,000

Contents Loss : $15,129,000

Inventory Loss : $358,000

Wage Loss : $259,000

Income Loss : $15,000

Relocation Costs : $11,000

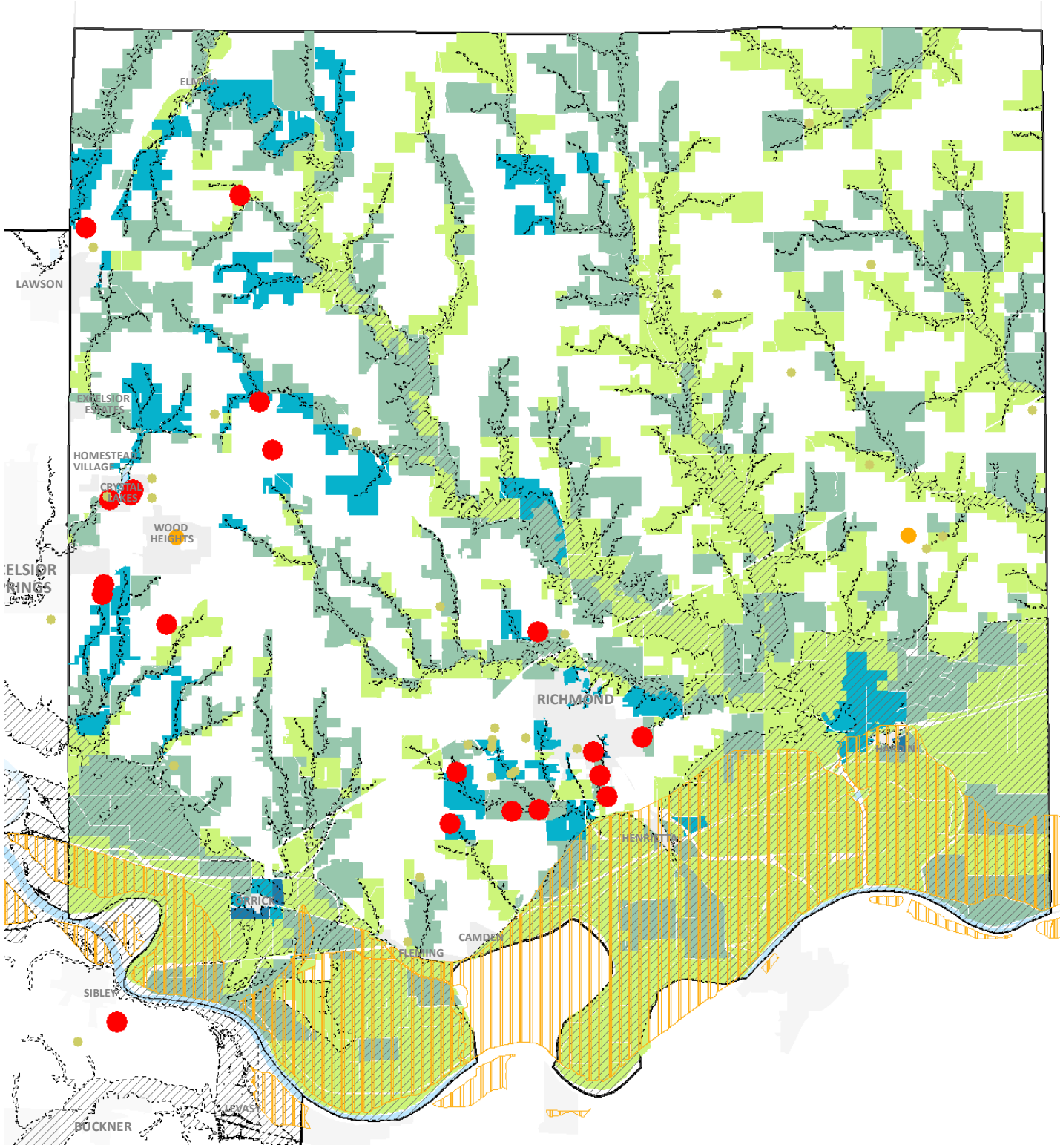
Rental Income Loss : $1,000

Buildings in Flood Boundary : N/A

Buildings in Leveed Area : N/A

Note: HAZUS estimates for General Building Stock are based on Census block level geographies.

Ray County Flood Loss Estimates (Parcels)



Hazard Level of Dams
- Low
- Significant
- High
- Leveed Area
- HAZUS Flood Boundary

Parcel Improvement Value ($)
- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 3,828

Improvement Value : $128,254,499

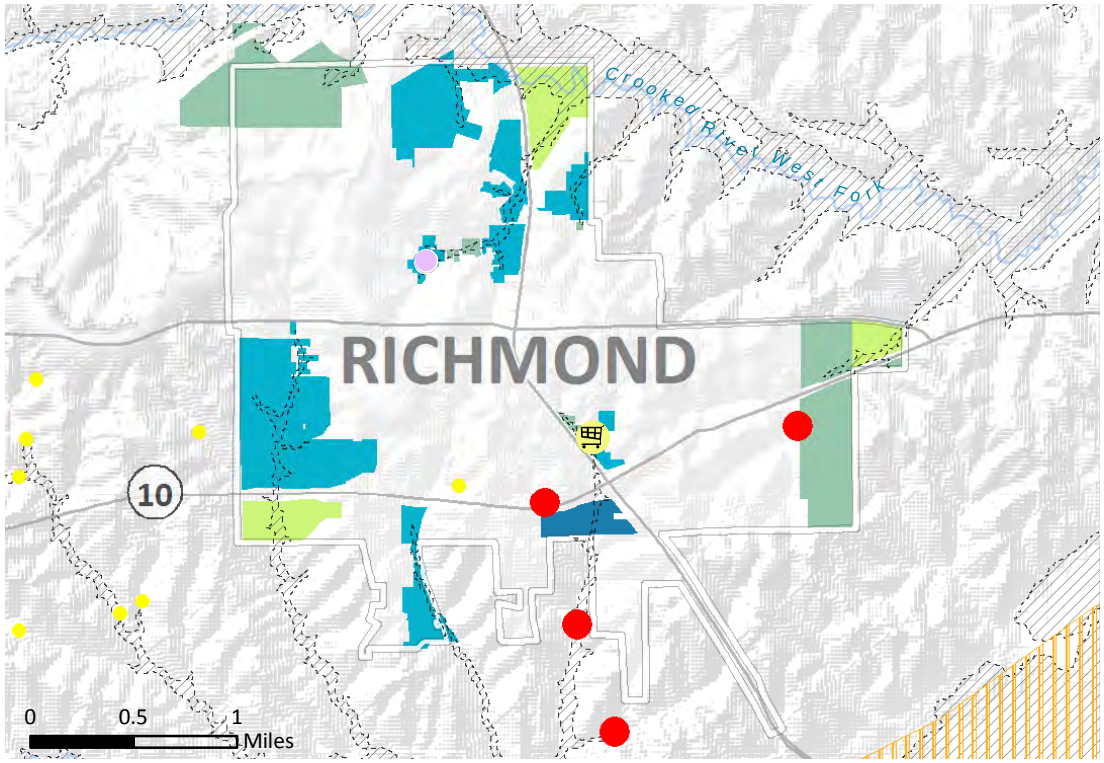
Land Value : $89,192,541

Total Value : $217,447,040

Buildings in Flood Boundary : N/A

Buildings in Leveed Area : N/A

Note: Parcel estimates for loss are based on 2012 county parcel data for improvement value. Parcels have been aggregated / dissolved by census block geographies for comparison with HAZUS data.



Richmond Flood Loss Estimates (Parcels)

Total affected parcels : 147

Total Imprvmt. Value : $16,399,930

Total Land Value : $300,410

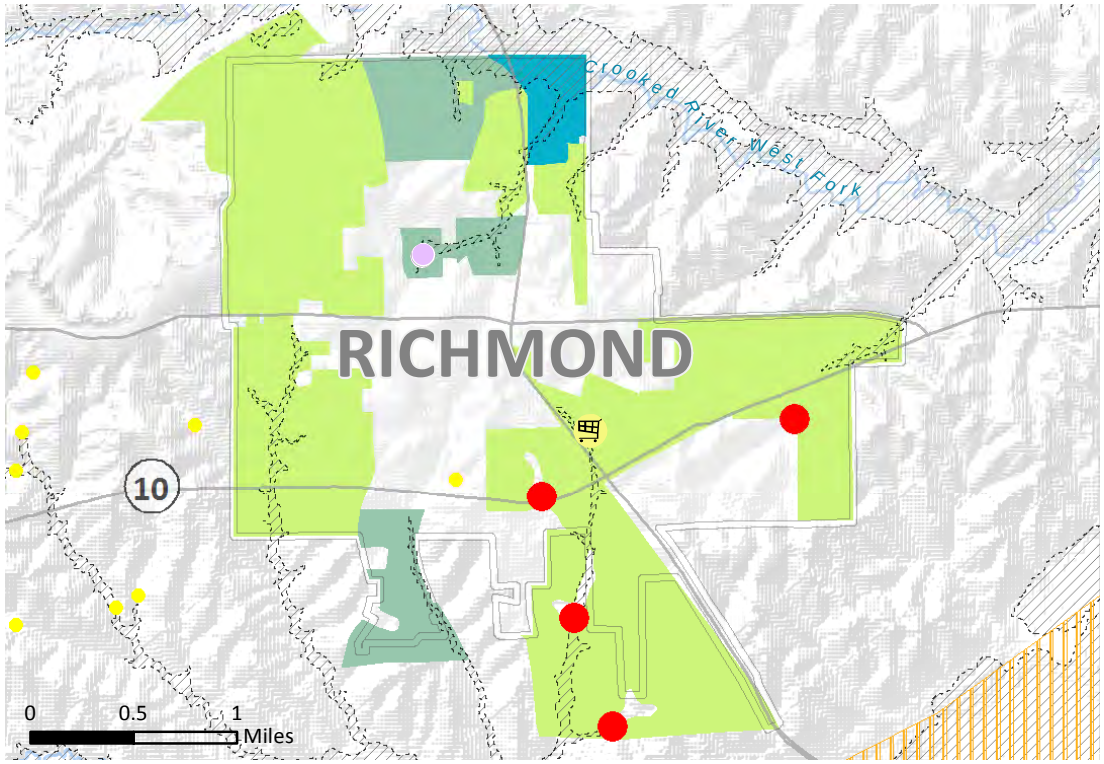
Total Value : $16,700,340

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : N/A

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.



Richmond Flood Loss Estimates (HAZUS)

Total affected Census Blocks : 29

Total Loss : $3,135,000

Building Loss : $1,214,000

Contents Loss : $1,883,000

Other Loss : $10,000

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Buildings in Flood Boundary : N/A

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Critical Facilities in Flood Boundary

- Public Housing (3)
- Shopping Centers (1)

Hazard Level of Dams

- Low
- Significant
- High

Leveed Area

2013 HAZUS Flood Boundary

Kansas City Flood Loss Estimates (Parcels)

Parcel Improvement Value ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected parcels : 6,260

Total Imprvmt. Value : $3,460,961,512

Total Land Value : $771,143,450

Total Value : $4,232,104,962

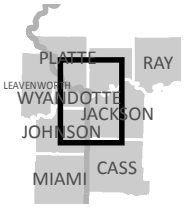
Leveed Area

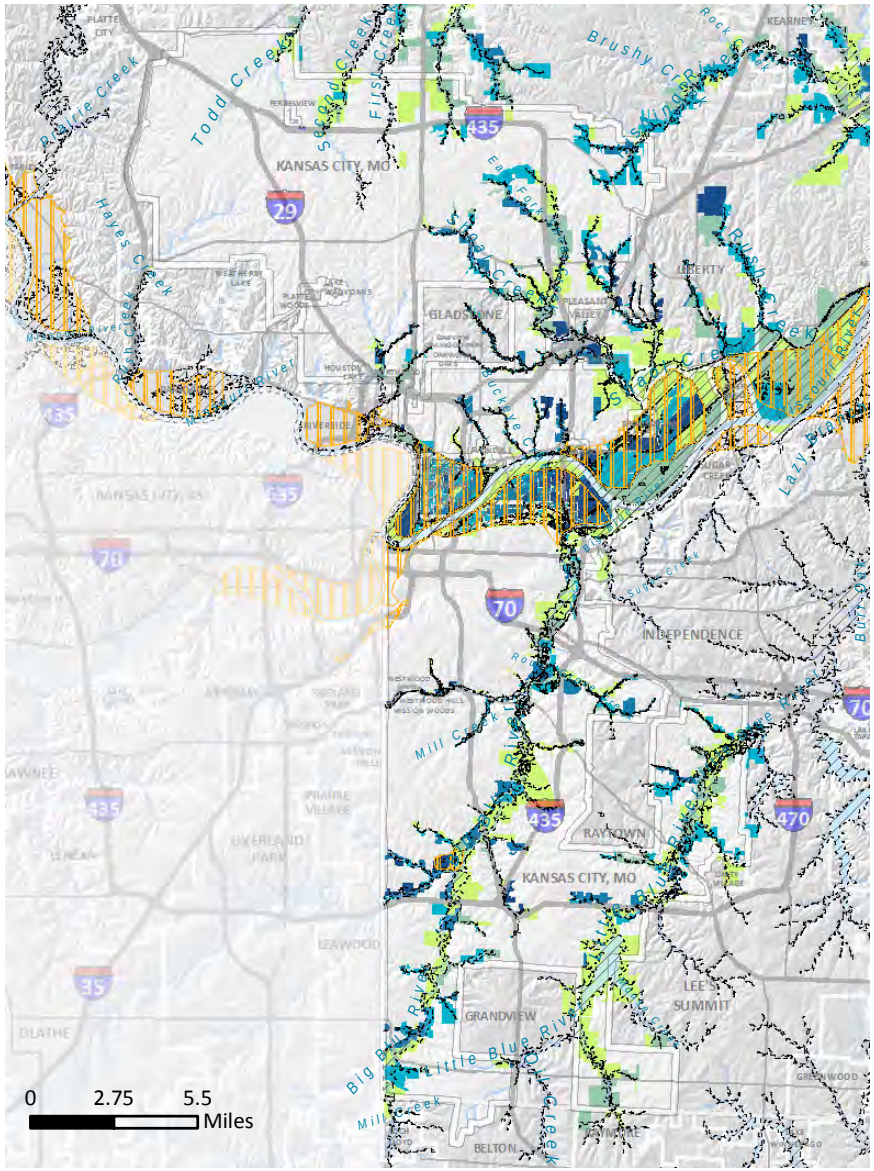
2013 HAZUS Flood Boundary

Buildings in Flood Boundary : 4,819

Buildings in Leveed Area : 3,420

Note: Parcel estimates for loss are based on 2012 parcel data for improvement value as provided by the county.





Kansas City Flood Loss Estimates (HAZUS)

Total Direct Economic Loss ($)

- 0 - 100,000
- 100,001 - 500,000
- 500,001 - 2,000,000
- 2,000,001 - 10,000,000
- 10,000,001 - 310,000,000

Total affected Census Blocks : 1,471

Total Loss : $1,753,351,000

Building Loss : $622,702,000

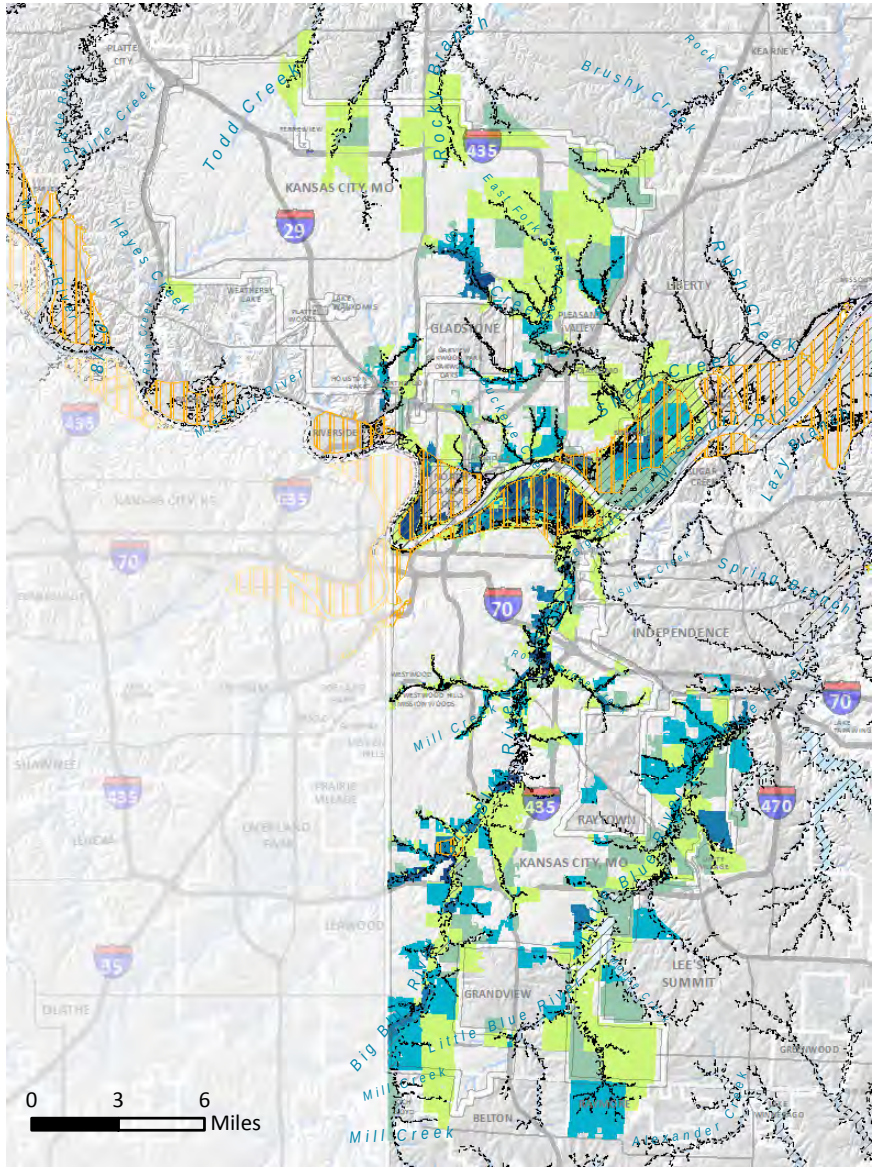
Contents Loss : $1,050,248,000

Other Loss : $80,401,000

Note: HAZUS estimates for General Building Stock are based on Census block level geographies. Number reported above for "Other" equals sum of Inventory, Wage, Income, Relocation and Rental Income Losses.

Buildings in Flood Boundary : 4,819

Buildings in Leveed Area : 3,420



Appendix C:
Flood Area Parcel Value Table by Jurisdiction
(7 Pages)

FLOOD AREA PARCEL VALUE BY JURISDICTION

	Cass County	Clay County	Jackson County	Platte County	Ray County	**MO Counties Total**
Parcel Improvement Value In Flood zone area ($)	566,109,470	1,258,726,345	3,938,638,832	376,320,921	128,254,499	**6,268,050,067**
Parcel Land Value In Flood Zone area ($)	180,925,380	629,118,420	1,048,620,925	55,998,007	89,192,541	**2,003,855,273**
Parcel Total Value In Flood Zone area ($)	747,034,850	1,887,744,765	4,987,259,757	432,318,928	217,447,040	**8,271,805,340**
HAZUS Total Loss In Flood zone area ($)	75,444,000	1,862,141,000	1,838,226,000	47,757,000	34,019,000	**3,857,587,000**
HAZUS Building Loss ($)	40,821,000	621,025,000	681,877,000	22,671,000	18,246,000	**1,384,640,000**
HAZUS Contents Loss ($)	33,415,000	1,147,230,000	1,078,501,000	24,073,000	15,129,000	**2,298,348,000**
HAZUS Other Loss ($)	1,208,000	93,886,000	77,848,000	1,013,000	644,000	**174,599,000**
Critical facilities within jurisdiction and within flood plain (Y/N)	N/A	N/A	N/A	N/A	N/A	
Critical facilities within jurisdiction and within leveed area (Y/N)	N/A	N/A	N/A	N/A	N/A	

FLOOD AREA PARCEL VALUE BY JURISDICTION

	Kansas City (Platte)	Kansas City (Clay)	Kansas City (Jackson and Cass)	**Kansas City (All)**
Parcel Improvement Value In Flood zone area ($)	13,463,143	457,659,700	2,190,231,417	**3,460,961,512**
Parcel Land Value In Flood Zone area ($)	3,200,914	181,621,210	224,875,281	**771,143,450**
Parcel Total Value In Flood Zone area ($)	16,664,057	639,280,910	2,415,106,207	**4,232,104,962**
HAZUS Total Loss In Flood zone area ($)	17,426,000	194,188,000	1,540,732,000	**1,753,351,000**
HAZUS Building Loss ($)	9,991,000	74,782,000	537,530,000	**622,702,000**
HAZUS Contents Loss ($)	7,320,000	111,837,000	930,497,000	**1,050,248,000**
HAZUS Other Loss ($)	115,000	7,569,000	72,705,000	**80,401,000**
Critical facilities within jurisdiction and within flood plain (Y/N)	N	Y	Y	Y
Critical facilities within jurisdiction and within leveed area (Y/N)	N	Y	Y	Y

FLOOD AREA PARCEL VALUE BY JURISDICTION	Cass County Jurisdictions					
	Belton	Harrisonville	Lake Winnebago	Peculiar	Pleasant Hill	Raymore
Parcel Improvement Value In Flood zone area ($)	24,699,980	50,390,790	69,262,250	13,861,310	18,028,120	58,786,270
Parcel Land Value In Flood Zone area ($)	8,882,310	12,774,270	23,476,590	3,667,210	6,062,830	16,234,760
Parcel Total Value In Flood Zone area ($)	33,582,290	63,165,060	92,738,840	17,528,520	24,090,950	75,021,030
HAZUS Total Loss In Flood zone area ($)	4,143,000	2,862,000	1,755,000	1,768,000	5,723,000	2,201,000
HAZUS Building Loss ($)	1,618,000	1,040,000	1,011,000	1,015,000	2,092,000	933,000
HAZUS Contents Loss ($)	2,412,000	1,738,000	700,000	737,000	3,373,000	1,244,000
HAZUS Other Loss ($)	113,000	113,000	44,000	16,000	258,000	24,000
Critical facilities within jurisdiction and within flood plain (Y/N)	Y	N	Y	N	Y	N
Critical facilities within jurisdiction and within leveed area (Y/N)	N	N	N	N	N	N

FLOOD AREA PARCEL VALUE BY JURISDICTION	Clay County Jurisdictions						
	Excelsior Springs (All)	Gladstone	Kearney	Liberty	Mosby	North Kansas City	Smithville
Parcel Improvement Value In Flood zone area ($)	22,940,495	55,988,300	61,680,400	130,012,700	4,554,000	355,073,800	36,197,600
Parcel Land Value In Flood Zone area ($)	8,099,330	21,821,200	14,726,800	50,112,400	3,078,000	214,383,000	14,117,800
Parcel Total Value In Flood Zone area ($)	31,039,825	77,809,500	76,407,200	180,125,100	7,632,000	569,456,800	50,315,400
HAZUS Total Loss In Flood zone area ($)	44,357,000	18,368,000	26,550,000	52,552,000	9,066,000	1,500,832,000	18,332,000
HAZUS Building Loss ($)	20,670,000	10,239,000	10,828,000	23,704,000	4,708,000	460,349,000	8,217,000
HAZUS Contents Loss ($)	22,849,000	7,999,000	15,207,000	27,687,000	4,057,000	954,424,000	9,709,000
HAZUS Other Loss ($)	838,000	130,000	515,000	1,161,000	301,000	86,059,000	406,000
Critical facilities within jurisdiction and within flood plain (Y/N)	N	Y	Y	Y	Y	Y	Y
Critical facilities within jurisdiction and within leveed area (Y/N)	N	N	N	N	N	Y	N

FLOOD AREA PARCEL VALUE BY JURISDICTION	Jackson County Jurisdictions					
	Blue Springs	Grandview	Independence	Lee's Summit	Oak Grove	Raytown
Parcel Improvement Value In Flood zone area ($)	30,013,790	17,288,395	336,200,081	284,822,504	2,268,418	11,201,060
Parcel Land Value In Flood Zone area ($)	6,798,020	4,828,494	137,096,992	74,085,998	671,666	2,433,420
Parcel Total Value In Flood Zone area ($)	36,811,810	22,114,477	473,297,073	358,781,002	2,940,084	13,634,480
HAZUS Total Loss In Flood zone area ($)	8,738,000	11,397,000	100,989,000	81,837,000	1,664,000	7,983,000
HAZUS Building Loss ($)	4,359,000	6,654,000	43,247,000	46,078,000	729,000	4,589,000
HAZUS Contents Loss ($)	4,204,000	4,691,000	55,752,000	35,139,000	901,000	3,288,000
HAZUS Other Loss ($)	175,000	52,000	1,990,000	620,000	34,000	106,000
Critical facilities within jurisdiction and within flood plain (Y/N)	N	N	Y	Y	N	N
Critical facilities within jurisdiction and within leveed area (Y/N)	N	N	Y	N	N	N

Platte County Jurisdictions (Part 1)

FLOOD AREA PARCEL VALUE BY JURISDICTION	Dearborn	Edgerton	Farley	Ferrelview	Houston Lake	Lake Waukomis	Northmoor	Parkville
Parcel Improvement Value In Flood zone area ($)	4,122,152	201,260	339,043	0	0	0	3,461,553	19,509,064
Parcel Land Value In Flood Zone area ($)	818,561	126,249	342,325	0	0	0	1,421,780	3,564,631
Parcel Total Value In Flood Zone area ($)	4,940,713	327,509	681,368	0	0	0	4,883,333	23,073,695
HAZUS Total Loss In Flood zone area ($)	1,692,000	383,000	171,000	0	0	0	3,873,000	1,629,000
HAZUS Building Loss ($)	680,000	108,000	110,000	0	0	0	1,578,000	909,000
HAZUS Contents Loss ($)	949,000	274,000	60,000	0	0	0	2,173,000	713,000
HAZUS Other Loss ($)	63,000	10,000	1,000	0	0	0	122,000	7,000
Critical facilities within jurisdiction and within flood plain (Y/N)	N	N	N	N	N	N	Y	N
Critical facilities within jurisdiction and within leveed area (Y/N)	N	N	Y	N	N	N	N	N

FLOOD AREA PARCEL VALUE BY JURISDICTION	Platte Count Jurisdictions (Part 2)						Ray County
	Platte City	Platte Woods	Riverside	Tracy	Weatherby Lake	Weston	Richmond
Parcel Improvement Value In Flood zone area ($)	1,363,114	0	11,537,018	1,250,737	0	295,128	16,399,930
Parcel Land Value In Flood Zone area ($)	920,798	0	7,438,622	605,529	0	514,266	300,410
Parcel Total Value In Flood Zone area ($)	2,283,912	0	18,975,640	1,856,266	0	809,394	16,700,340
HAZUS Total Loss In Flood zone area ($)	2,174,000	0	23,026,000	1,435,000	0	485,000	3,135,000
HAZUS Building Loss ($)	1,311,000	0	9,734,000	937,000	0	179,000	1,214,000
HAZUS Contents Loss ($)	862,000	0	12,607,000	497,000	0	305,000	1,883,000
HAZUS Other Loss ($)	1,000	0	645,000	1,000	0	1,000	10,000
Critical facilities within jurisdiction and within flood plain (Y/N)	N	N	Y	N	N	N	Y
Critical facilities within jurisdiction and within leveed area (Y/N)	N	N	Y	N	N	N	N

Appendix C:
Critical Infrastructure Tables by Jurisdiction

(34 Pages)

CASS COUNTY

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION					
JURISDICTION	COUNTY	Federal Government	State Government	Local Government	Wastewater Treatment
ARCHIE	CASS	0	0	0	1
BALDWIN PARK	CASS	0	0	0	0
BELTON	CASS	1	1	2	0
CASS CO, MO	CASS	0	1	2	1
CLEVELAND	CASS	0	0	0	0
CREIGHTON	CASS	0	0	0	0
DREXEL	CASS	0	0	0	0
EAST LYNNE	CASS	0	0	0	0
FREEMAN	CASS	0	0	0	0
GARDEN CITY	CASS	0	0	0	0
GREENWOOD	CASS	0	0	0	0
GUNN CITY	CASS	0	0	0	0
HARRISONVILLE	CASS	5	2	18	0
KANSAS CITY	CASS	2	0	0	0
LAKE ANNETTE	CASS	0	0	0	0
LAKE WINNEBAGO	CASS	0	0	0	0
LEE'S SUMMIT	CASS	0	0	0	0
PECULIAR	CASS	0	0	0	0
PLEASANT HILL	CASS	1	0	5	0
RAYMORE	CASS	0	0	2	0
RIVERVIEW ESTATES	CASS	0	0	0	0
STRASBURG	CASS	0	0	0	0
VILLAGE OF LOCH LLOYD	CASS	0	0	0	0
WEST LINE	CASS	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION					
JURISDICTION	Haz Mat	EOC	Fire Stations	Police Stations	National Register of Historic Sites
ARCHIE	0	0	1	1	0
BALDWIN PARK	0	0	0	0	0
BELTON	0	0	2	1	0
CASS CO, MO	0	0	1	0	3
CLEVELAND	0	0	1	1	0
CREIGHTON	0	0	1	1	0
DREXEL	0	0	2	1	0
EAST LYNNE	0	0	1	1	0
FREEMAN	0	0	1	1	0
GARDEN CITY	0	0	1	1	0
GREENWOOD	0	0	0	0	0
GUNN CITY	0	0	0	0	0
HARRISONVILLE	0	0	2	2	1
KANSAS CITY	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	1	0
LEE'S SUMMIT	0	0	0	0	0
PECULIAR	0	0	1	1	0
PLEASANT HILL	0	0	1	1	0
RAYMORE	0	1	3	1	0
RIVERVIEW ESTATES	0	0	0	0	0
STRASBURG	0	0	0	1	0
VILLAGE OF LOCH LLOYD	0	0	0	0	0
WEST LINE	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION						
JURISDICTION	**City/State Registers of Historic Sites**	**Occ. Public Housing Units**	**Public Housing Properties**	**PSAPs**	**Colleges**	**Day Care**
ARCHIE	0	0	0	0	0	3
BALDWIN PARK	0	0	0	0	0	0
BELTON	0	0	0	1	0	20
CASS CO, MO	4	0	0	0	0	3
CLEVELAND	0	0	0	0	0	0
CREIGHTON	0	0	0	0	0	0
DREXEL	0	0	0	0	0	1
EAST LYNNE	0	0	0	0	0	2
FREEMAN	0	0	0	0	0	0
GARDEN CITY	0	0	0	0	0	0
GREENWOOD	0	0	0	0	0	0
GUNN CITY	0	0	0	0	0	0
HARRISONVILLE	2	0	0	2	0	12
KANSAS CITY	0	0	0	0	1	0
LAKE ANNETTE	0	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0	1
PECULIAR	0	0	0	0	0	4
PLEASANT HILL	0	0	0	1	0	3
RAYMORE	0	0	0	1	0	17
RIVERVIEW ESTATES	0	0	0	0	0	0
STRASBURG	0	0	0	0	0	0
VILLAGE OF LOCH LLOYD	0	0	0	0	0	0
WEST LINE	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION						
JURISDICTION	Hospitals	Hotels	Apartment Complexes	Nursing Homes	Other Health Care	Schools
ARCHIE	0	0	0	0	0	2
BALDWIN PARK	0	0	0	0	0	0
BELTON	1	3	5	4	0	13
CASS CO, MO	0	1	0	0	0	6
CLEVELAND	0	0	0	0	0	0
CREIGHTON	0	0	0	0	0	0
DREXEL	0	0	0	0	0	2
EAST LYNNE	0	0	0	0	0	1
FREEMAN	0	0	0	0	0	0
GARDEN CITY	0	0	1	0	0	0
GREENWOOD	0	0	0	0	0	0
GUNN CITY	0	0	0	0	0	0
HARRISONVILLE	1	5	7	4	1	10
KANSAS CITY	0	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0	0
PECULIAR	0	1	0	2	0	5
PLEASANT HILL	0	0	3	2	0	5
RAYMORE	0	0	3	4	0	8
RIVERVIEW ESTATES	0	0	0	0	0	0
STRASBURG	0	0	0	0	0	1
VILLAGE OF LOCH LLOYD	0	0	0	0	0	0
WEST LINE	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION						
JURISDICTION	Shopping Centers	Trailer Parks	Dormitories	NFL Stadium	MLS Stadium	MLB Stadium
ARCHIE	0	0	0	0	0	0
BALDWIN PARK	0	0	0	0	0	0
BELTON	13	9	0	0	0	0
CASS CO, MO	0	1	0	0	0	0
CLEVELAND	0	0	0	0	0	0
CREIGHTON	0	0	0	0	0	0
DREXEL	1	0	0	0	0	0
EAST LYNNE	0	0	0	0	0	0
FREEMAN	0	0	0	0	0	0
GARDEN CITY	1	2	0	0	0	0
GREENWOOD	0	0	0	0	0	0
GUNN CITY	0	0	0	0	0	0
HARRISONVILLE	11	5	0	0	0	0
KANSAS CITY	0	0	2	0	0	0
LAKE ANNETTE	0	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0	0
PECULIAR	2	2	0	0	0	0
PLEASANT HILL	7	3	0	0	0	0
RAYMORE	8	0	0	0	0	0
RIVERVIEW ESTATES	0	0	0	0	0	0
STRASBURG	0	0	0	0	0	1
VILLAGE OF LOCH LLOYD	0	0	0	0	0	0
WEST LINE	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION					
JURISDICTION	**IRL Tracks**	**Botanical / Zoological Gardens**	**NASCAR**	**NCAA Div. 1 Basketball Arena**	**Large Grocery**
ARCHIE	0	0	0	0	0
BALDWIN PARK	0	0	0	0	0
BELTON	0	0	0	0	3
CASS CO, MO	0	0	0	0	0
CLEVELAND	0	0	0	0	0
CREIGHTON	0	0	0	0	0
DREXEL	0	0	0	0	0
EAST LYNNE	0	0	0	0	0
FREEMAN	0	0	0	0	0
GARDEN CITY	0	0	0	0	0
GREENWOOD	0	0	0	0	0
GUNN CITY	0	0	0	0	0
HARRISONVILLE	0	0	0	0	2
KANSAS CITY	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0
PECULIAR	0	0	0	0	0
PLEASANT HILL	0	0	0	0	1
RAYMORE	0	0	0	0	1
RIVERVIEW ESTATES	0	0	0	0	0
STRASBURG	0	0	0	0	0
VILLAGE OF LOCH LLOYD	0	0	0	0	0
WEST LINE	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION						
JURISDICTION	Small Grocery	Amtrak Station	Airports	Heliports	Superfund Sites	EPA FRS Facilities
ARCHIE	0	0	0	0	0	1
BALDWIN PARK	0	0	0	0	0	0
BELTON	2	0	0	1	0	1
CASS CO, MO	0	0	12	0	0	11
CLEVELAND	0	0	0	0	0	0
CREIGHTON	0	0	0	0	0	0
DREXEL	0	0	0	0	0	1
EAST LYNNE	0	0	0	0	0	0
FREEMAN	0	0	0	0	0	0
GARDEN CITY	0	0	0	0	0	3
GREENWOOD	0	0	0	0	0	0
GUNN CITY	0	0	0	0	0	0
HARRISONVILLE	1	0	1	0	0	8
KANSAS CITY	0	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0	0
LEE'S SUMMIT	0	1	0	0	0	0
PECULIAR	0	0	0	0	0	0
PLEASANT HILL	1	0	0	0	0	6
RAYMORE	1	0	0	0	0	0
RIVERVIEW ESTATES	0	0	0	0	0	0
STRASBURG	0	0	0	0	0	0
VILLAGE OF LOCH LLOYD	0	0	0	0	0	0
WEST LINE	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION					
JURISDICTION	**Mines**	**Alternative Fueling Stations**	**Public Refrigerated Warehouses**	**Federal Reserve**	**Commodity Exchange**
ARCHIE	0	0	0	0	0
BALDWIN PARK	0	0	0	0	0
BELTON	0	0	0	0	0
CASS CO, MO	0	0	0	0	0
CLEVELAND	0	0	0	0	0
CREIGHTON	0	0	0	0	0
DREXEL	0	0	0	0	0
EAST LYNNE	0	0	0	0	0
FREEMAN	0	0	0	0	0
GARDEN CITY	0	0	0	0	0
GREENWOOD	0	0	0	0	0
GUNN CITY	0	0	0	0	0
HARRISONVILLE	0	0	0	0	0
KANSAS CITY	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0
PECULIAR	0	1	0	0	0
PLEASANT HILL	0	0	0	0	0
RAYMORE	0	0	0	0	0
RIVERVIEW ESTATES	0	0	0	0	0
STRASBURG	0	0	0	0	0
VILLAGE OF LOCH LLOYD	0	0	0	0	0
WEST LINE	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CASS COUNTY BY JURISDICTION						
JURISDICTION	**USPS Bulk Processing Center**	**USPS Processing Facilities**	**Post Offices**	**Shelters**	**RMP**	**Tier II**
ARCHIE	0	0	1	2	0	2
BALDWIN PARK	0	0	0	0	0	0
BELTON	0	0	1	4	0	15
CASS CO, MO	0	0	0	4	1	23
CLEVELAND	0	0	1	2	0	0
CREIGHTON	0	0	1	1	0	0
DREXEL	0	0	1	0	0	4
EAST LYNNE	0	0	1	1	0	0
FREEMAN	0	0	1	3	0	0
GARDEN CITY	0	0	1	0	0	2
GREENWOOD	0	0	0	0	0	0
GUNN CITY	0	0	0	0	0	0
HARRISONVILLE	1	1	1	11	3	18
KANSAS CITY	0	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0	1
PECULIAR	0	0	1	5	0	3
PLEASANT HILL	0	0	1	7	1	7
RAYMORE	0	0	1	5	0	6
RIVERVIEW ESTATES	0	0	0	0	0	0
STRASBURG	0	0	1	1	0	1
VILLAGE OF LOCH LLOYD	0	0	0	0	0	0
WEST LINE	0	0	0	1	0	0

CLAY COUNTY

ALL CRITICAL INFRASTRUCTURE IN CLAY COUNTY BY JURISDICTION								
CITY	COUNTY	Federal Government	State Government	Local Government	Wastewater Treatment	Haz Mat	EOC	Fire Stations
AVONDALE	CLAY	0	0	1	0	0	0	1
BIRMINGHAM	CLAY	0	0	0	0	0	0	1
CLAY CO, MO	CLAY	2	0	1	1	0	0	0
CLAYCOMO	CLAY	0	0	2	0	0	0	1
EXCELSIOR ESTATES	CLAY	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	CLAY	1	0	7	0	0	0	1
GLADSTONE	CLAY	1	2	0	1	0	1	3
GLENAIRE	CLAY	0	0	0	0	0	0	0
HOLT	CLAY	0	0	0	0	0	0	1
KANSAS CITY	CLAY	3	1	5	2	0	0	7
KEARNEY	CLAY	0	0	2	0	0	0	1
LAWSON	CLAY	0	0	0	0	0	0	0
LIBERTY	CLAY	4	2	49	0	0	2	3
MISSOURI CITY	CLAY	0	0	0	0	0	0	0
MOSBY	CLAY	0	0	0	0	0	0	2
NORTH KANSAS CITY	CLAY	1	2	3	1	1	1	2
OAKS	CLAY	0	0	0	0	0	0	0
OAKVIEW	CLAY	0	0	1	0	0	0	0
OAKWOOD	CLAY	0	0	0	0	0	0	0
OAKWOOD PARK	CLAY	0	0	0	0	0	0	0
PLEASANT VALLEY	CLAY	0	0	3	0	0	0	1
PRATHERSVILLE	CLAY	0	0	0	0	0	0	0
RANDOLPH	CLAY	0	0	0	0	0	0	0
SMITHVILLE	CLAY	1	0	0	0	0	0	2

ALL CRITICAL INFRASTRUCTURE IN CLAY COUNTY BY JURISDICTION								
JURISDICTION	**Police Stations**	**National Register of Historic Sites**	**City/State Registers of Historic Sites**	**Occ. Public Housing Units**	**Public Housing Properties**	**PSAPs**	**Colleges**	**Day Care**
AVONDALE	0	0	0	0	0	0	0	0
BIRMINGHAM	1	0	0	0	0	0	0	0
CLAY CO, MO	0	3	5	0	0	0	0	1
CLAYCOMO	1	0	0	0	0	1	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	1	6	2	87	19	1	0	7
GLADSTONE	1	1	0	0	0	1	1	20
GLENAIRE	0	0	0	0	0	0	0	0
HOLT	1	0	0	0	0	0	0	0
KANSAS CITY	2	2	3	149	93	0	3	49
KEARNEY	1	0	0	0	0	0	0	9
LAWSON	0	0	0	0	0	0	0	0
LIBERTY	2	8	10	0	0	2	1	15
MISSOURI CITY	0	1	0	0	0	0	0	0
MOSBY	1	0	0	0	0	0	0	0
NORTH KANSAS CITY	1	3	2	0	0	1	1	3
OAKS	0	0	0	0	0	0	0	0
OAKVIEW	1	0	0	0	0	0	0	0
OAKWOOD	0	0	0	0	0	0	0	0
OAKWOOD PARK	0	0	0	0	0	0	0	0
PLEASANT VALLEY	1	0	0	0	0	1	0	3
PRATHERSVILLE	0	0	0	0	0	0	0	0
RANDOLPH	1	0	0	0	0	0	0	0
SMITHVILLE	1	0	0	104	33	0	0	10

ALL CRITICAL INFRASTRUCTURE IN CLAY COUNTY BY JURISDICTION									
JURISDICTION	**Hospitals**	**Hotels**	**Apartment Complexes**	**Nursing Homes**	**Other Health Care**	**Schools**	**Shopping Centers**	**Trailer Parks**	**Dormitories**
AVONDALE	0	0	0	0	0	1	0	0	0
BIRMINGHAM	0	0	0	0	0	0	0	0	0
CLAY CO, MO	0	0	0	0	0	2	0	0	0
CLAYCOMO	0	0	1	1	0	0	1	2	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	1	3	4	3	1	6	11	3	0
GLADSTONE	0	0	19	6	0	10	25	1	0
GLENAIRE	0	0	0	0	0	0	0	0	0
HOLT	0	0	0	0	0	0	0	0	0
KANSAS CITY	2	16	52	6	2	38	60	3	1
KEARNEY	0	4	4	1	0	7	7	0	0
LAWSON	0	0	0	0	0	0	0	0	0
LIBERTY	1	5	13	7	1	16	12	4	8
MISSOURI CITY	0	0	0	0	0	1	0	0	0
MOSBY	0	0	0	0	0	0	0	0	0
NORTH KANSAS CITY	2	6	5	1	0	1	8	0	0
OAKS	0	0	0	0	0	0	0	0	0
OAKVIEW	0	0	0	0	0	0	1	0	0
OAKWOOD	0	0	0	0	0	0	0	0	0
OAKWOOD PARK	0	0	0	0	0	0	0	0	0
PLEASANT VALLEY	0	0	0	1	0	1	0	2	0
PRATHERSVILLE	0	0	0	0	0	0	0	0	0
RANDOLPH	0	1	0	0	0	0	0	0	0
SMITHVILLE	1	1	3	3	0	4	10	0	0

ALL CRITICAL INFRASTRUCTURE IN CLAY COUNTY BY JURISDICTION									
JURISDICTION	**NFL Stadium**	**MLS Stadium**	**MLB Stadium**	**IRL Tracks**	**Botanical / Zoological Gardens**	**NASCAR**	**NCAA Div. 1 Basketball Arena**	**Large Grocery**	**Small Grocery**
AVONDALE	0	0	0	0	0	0	0	0	0
BIRMINGHAM	0	0	0	0	0	0	0	0	0
CLAY CO, MO	0	0	0	0	0	0	0	0	0
CLAYCOMO	0	0	0	0	0	0	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	0	0	0	2	2
GLADSTONE	0	0	0	0	0	0	0	3	2
GLENAIRE	0	0	0	0	0	0	0	0	0
HOLT	0	0	0	0	0	0	0	0	0
KANSAS CITY	0	0	0	0	0	0	0	8	5
KEARNEY	0	0	0	0	0	0	0	0	1
LAWSON	0	0	0	0	0	0	0	0	0
LIBERTY	0	0	0	0	0	0	0	2	0
MISSOURI CITY	0	0	0	0	0	0	0	0	0
MOSBY	0	0	0	0	0	0	0	0	0
NORTH KANSAS CITY	0	0	0	0	0	0	0	0	1
OAKS	0	0	0	0	0	0	0	0	0
OAKVIEW	0	0	0	0	0	0	0	0	0
OAKWOOD	0	0	0	0	0	0	0	0	0
OAKWOOD PARK	0	0	0	0	0	0	0	0	0
PLEASANT VALLEY	0	0	0	0	0	0	0	0	0
PRATHERSVILLE	0	0	0	0	0	0	0	0	0
RANDOLPH	0	0	0	0	0	0	0	0	0
SMITHVILLE	0	0	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN CLAY COUNTY BY JURISDICTION								
JURISDICTION	**Amtrak Station**	**Airports**	**Heliports**	**Superfund Sites**	**EPA FRS Facilities**	**Mines**	**Alternative Fueling Stations**	**Public Refrigerated Warehouses**
AVONDALE	0	0	0	0	0	0	0	0
BIRMINGHAM	0	0	0	0	0	0	0	0
CLAY CO, MO	0	7	0	0	4	0	0	0
CLAYCOMO	0	0	0	0	1	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	3	0	0	0
GLADSTONE	0	0	0	0	1	0	0	0
GLENAIRE	0	0	0	0	0	0	0	0
HOLT	0	0	0	0	0	0	0	0
KANSAS CITY	0	1	1	0	16	0	0	0
KEARNEY	0	1	0	0	4	0	1	0
LAWSON	0	0	0	0	0	0	0	0
LIBERTY	0	0	1	1	8	0	0	0
MISSOURI CITY	0	0	0	0	1	0	0	0
MOSBY	0	0	0	0	0	0	0	0
NORTH KANSAS CITY	0	0	1	0	55	0	0	0
OAKS	0	0	0	0	0	0	0	0
OAKVIEW	0	0	0	0	0	0	0	0
OAKWOOD	0	0	0	0	0	0	0	0
OAKWOOD PARK	0	0	0	0	0	0	0	0
PLEASANT VALLEY	0	0	0	0	0	0	0	0
PRATHERSVILLE	0	0	0	0	0	0	0	0
RANDOLPH	0	0	0	0	0	0	0	0
SMITHVILLE	0	0	0	0	0	0	1	0

ALL CRITICAL INFRASTRUCTURE IN CLAY COUNTY BY JURISDICTION

JURISDICTION	Federal Reserve	Commodity Exchange	USPS Bulk Processing Center	USPS Processing Facilities	Post Offices	Shelters	RMP	Tier II
AVONDALE	0	0	0	0	0	0	0	0
BIRMINGHAM	0	0	0	0	0	0	0	0
CLAY CO, MO	0	0	0	0	0	0	1	9
CLAYCOMO	0	0	0	0	0	0	0	5
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	1	5	0	11
GLADSTONE	0	0	0	0	1	2	0	7
GLENAIRE	0	0	0	0	0	0	0	0
HOLT	0	0	0	0	1	0	0	1
KANSAS CITY	0	0	0	0	3	10	1	58
KEARNEY	0	0	0	0	1	0	1	15
LAWSON	0	0	0	0	0	0	0	1
LIBERTY	0	0	0	0	1	5	0	15
MISSOURI CITY	0	0	0	0	1	0	0	0
MOSBY	0	0	0	0	0	0	0	2
NORTH KANSAS CITY	0	0	0	0	1	2	1	47
OAKS	0	0	0	0	0	0	0	0
OAKVIEW	0	0	0	0	0	1	0	1
OAKWOOD	0	0	0	0	0	0	0	0
OAKWOOD PARK	0	0	0	0	0	0	0	0
PLEASANT VALLEY	0	0	0	0	0	0	0	3
PRATHERSVILLE	0	0	0	0	0	0	0	0
RANDOLPH	0	0	0	0	0	0	0	0
SMITHVILLE	0	0	0	0	1	3	0	7

JACKSON COUNTY

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION							
JURISDICTION	**COUNTY**	**Federal Government**	**State Government**	**Local Government**	**Wastewater Treatment**	**Haz Mat**	**EOC**
BLUE SPRINGS	JACKSON	4	4	21	0	1	0
BUCKNER	JACKSON	0	0	0	0	0	0
GRAIN VALLEY	JACKSON	0	0	0	0	0	0
GRANDVIEW	JACKSON	2	1	3	0	0	1
GREENWOOD	JACKSON	0	0	0	0	0	0
INDEPENDENCE	JACKSON	0	0	0	0	0	0
INDEPENDENCE	JACKSON	9	8	46	1	1	2
JACKSON CO, MO	JACKSON	0	1	3	2	0	0
KANSAS CITY	JACKSON	94	40	52	3	1	1
LAKE CITY ARSENAL	JACKSON	0	0	0	0	0	1
LAKE LOTAWANA	JACKSON	0	0	0	0	0	0
LAKE TAPAWINGO	JACKSON	0	0	0	0	0	0
LEE'S SUMMIT	JACKSON	0	7	20	0	1	0
LEVASY	JACKSON	0	0	0	0	0	0
LONE JACK	JACKSON	0	0	0	0	0	0
OAK GROVE	JACKSON	0	0	0	0	0	1
PLEASANT HILL	JACKSON	0	0	0	0	0	0
RAYTOWN	JACKSON	1	0	6	0	0	1
RIVER BEND	JACKSON	0	0	0	0	0	0
SIBLEY	JACKSON	0	0	0	0	0	0
SUGAR CREEK	JACKSON	0	0	0	0	0	0
SUGAR CREEK	JACKSON	0	0	1	1	0	0
UNITY VILLAGE	JACKSON	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION						
JURISDICTION	**Fire Stations**	**Police Stations**	**National Register of Historic Sites**	**City/State Registers of Historic Sites**	**Occ. Public Housing Units**	**Public Housing Properties**
BLUE SPRINGS	4	1	0	1	0	0
BUCKNER	1	1	0	0	0	0
GRAIN VALLEY	1	1	0	0	0	0
GRANDVIEW	4	1	1	1	0	0
GREENWOOD	0	1	0	0	0	0
INDEPENDENCE	0	0	0	0	0	0
INDEPENDENCE	11	1	22	20	479	58
JACKSON CO, MO	3	0	2	2	0	0
KANSAS CITY	26	8	212	126	1579	463
LAKE CITY ARSENAL	0	0	0	0	0	0
LAKE LOTAWANA	2	1	0	0	0	0
LAKE TAPAWINGO	0	1	0	0	0	0
LEE'S SUMMIT	8	3	3	3	113	53
LEVASY	0	0	0	0	0	0
LONE JACK	1	1	0	0	0	0
OAK GROVE	1	1	0	0	0	0
PLEASANT HILL	0	0	0	0	0	0
RAYTOWN	3	1	1	2	0	0
RIVER BEND	0	0	0	0	0	0
SIBLEY	0	0	0	1	0	0
SUGAR CREEK	0	0	0	0	0	0
SUGAR CREEK	1	1	0	0	0	0
UNITY VILLAGE	0	0	0	1	0	0

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION								
JURISDICTION	**PSAPs**	**Colleges**	**Day Care**	**Hospitals**	**Hotels**	**Apartment Complexes**	**Nursing Homes**	**Other Health Care**
BLUE SPRINGS	2	1	32	1	11	13	6	0
BUCKNER	0	0	1	0	0	2	0	0
GRAIN VALLEY	0	0	10	0	3	1	2	0
GRANDVIEW	1	2	29	0	2	15	4	0
GREENWOOD	0	0	4	0	0	0	0	0
INDEPENDENCE	0	0	0	0	0	0	0	0
INDEPENDENCE	3	7	52	3	21	45	20	6
JACKSON CO, MO	0	0	6	0	0	0	3	0
KANSAS CITY	5	39	266	16	53	288	80	14
LAKE CITY ARSENAL	0	0	0	0	0	0	0	0
LAKE LOTAWANA	0	0	1	0	0	0	0	0
LAKE TAPAWINGO	0	0	0	0	0	0	0	0
LEE'S SUMMIT	3	4	52	3	8	21	18	1
LEVASY	0	0	0	0	0	0	0	0
LONE JACK	0	0	3	0	0	0	0	0
OAK GROVE	0	0	5	0	2	3	2	0
PLEASANT HILL	0	0	0	0	0	0	0	0
RAYTOWN	1	0	16	0	0	14	12	1
RIVER BEND	0	0	0	0	0	0	0	0
SIBLEY	0	0	0	0	0	0	0	0
SUGAR CREEK	0	0	0	0	0	0	0	0
SUGAR CREEK	1	0	1	0	1	0	0	0
UNITY VILLAGE	0	0	0	0	0	1	0	0

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION								
JURISDICTION	Schools	Shopping Centers	Trailer Parks	Dormitories	NFL Stadium	MLS Stadium	MLB Stadium	IRL Tracks
BLUE SPRINGS	24	46	0	0	0	0	0	0
BUCKNER	2	2	1	0	0	0	0	0
GRAIN VALLEY	6	3	1	0	0	0	0	0
GRANDVIEW	11	11	0	0	0	0	0	0
GREENWOOD	1	0	1	0	0	0	0	0
INDEPENDENCE	0	0	0	0	0	0	0	0
INDEPENDENCE	43	74	11	0	0	0	0	0
JACKSON CO, MO	10	0	1	0	0	0	0	0
KANSAS CITY	157	139	9	11	1	0	0	0
LAKE CITY ARSENAL	0	0	0	0	0	0	0	0
LAKE LOTAWANA	2	0	0	0	0	0	0	0
LAKE TAPAWINGO	0	0	0	0	0	0	0	0
LEE'S SUMMIT	32	41	0	0	0	0	0	0
LEVASY	0	0	0	0	0	0	0	0
LONE JACK	3	1	0	0	0	0	0	0
OAK GROVE	4	9	0	0	0	0	0	0
PLEASANT HILL	0	0	0	0	0	0	0	0
RAYTOWN	13	17	0	0	0	0	0	0
RIVER BEND	0	0	0	0	0	0	0	0
SIBLEY	0	0	0	0	0	0	0	0
SUGAR CREEK	0	0	0	0	0	0	0	0
SUGAR CREEK	1	1	1	0	0	0	0	0
UNITY VILLAGE	1	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION							
JURSIDICTION	**Botanical / Zoological Gardens**	**NASCAR**	**NCAA Div. 1 Basketball Arena**	**Large Grocery**	**Small Grocery**	**Amtrak Station**	**Airports**
BLUE SPRINGS	0	0	0	4	1	0	0
BUCKNER	0	0	0	0	1	0	0
GRAIN VALLEY	0	0	0	0	1	0	1
GRANDVIEW	0	0	0	1	1	0	0
GREENWOOD	0	0	0	0	0	0	0
INDEPENDENCE	0	0	0	0	0	1	0
INDEPENDENCE	0	0	0	7	14	0	1
JACKSON CO, MO	0	0	0	0	1	0	7
KANSAS CITY	1	0	2	14	58	1	1
LAKE CITY ARSENAL	0	0	0	0	0	0	0
LAKE LOTAWANA	0	0	0	0	1	0	0
LAKE TAPAWINGO	0	0	0	0	1	0	0
LEE'S SUMMIT	0	0	0	8	1	0	1
LEVASY	0	0	0	0	0	0	0
LONE JACK	0	0	0	0	0	0	0
OAK GROVE	0	0	0	1	0	0	0
PLEASANT HILL	0	0	0	0	0	0	0
RAYTOWN	0	0	0	2	5	0	0
RIVER BEND	0	0	0	0	0	0	0
SIBLEY	0	0	0	0	0	0	0
SUGAR CREEK	0	0	0	0	0	0	0
SUGAR CREEK	0	0	0	0	0	0	0
UNITY VILLAGE	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION							
JURISDICTION	**Heliports**	**Superfund Sites**	**EPA FRS Facilities**	**Mines**	**Alternative Fueling Stations**	**Public Refrigerated Warehouses**	**Federal Reserve**
BLUE SPRINGS	1	0	9	0	0	0	0
BUCKNER	0	0	0	0	0	0	0
GRAIN VALLEY	0	0	3	0	1	0	0
GRANDVIEW	0	0	11	0	0	0	0
GREENWOOD	0	0	1	0	0	0	0
INDEPENDENCE	0	1	0	0	1	0	0
INDEPENDENCE	1	0	18	0	0	1	0
JACKSON CO, MO	0	0	7	0	0	0	0
KANSAS CITY	11	2	211	0	2	1	1
LAKE CITY ARSENAL	0	0	2	0	0	0	0
LAKE LOTAWANA	0	0	0	0	0	0	0
LAKE TAPAWINGO	0	0	0	0	0	0	0
LEE'S SUMMIT	2	0	11	0	0	0	0
LEVASY	0	0	1	0	0	0	0
LONE JACK	0	0	0	0	0	0	0
OAK GROVE	0	0	1	0	0	0	0
PLEASANT HILL	0	0	0	0	0	0	0
RAYTOWN	0	0	2	0	0	0	0
RIVER BEND	0	0	0	0	0	0	0
SIBLEY	0	0	0	0	0	0	0
SUGAR CREEK	0	0	0	0	0	0	0
SUGAR CREEK	0	0	7	0	0	0	0
UNITY VILLAGE	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN JACKSON COUNTY BY JURISDICTION							
JURISDICTION	**Commodity Exchange**	**USPS Bulk Processing Center**	**USPS Processing Facilities**	**Post Offices**	**Shelters**	**RMP**	**Tier II**
BLUE SPRINGS	0	0	0	2	3	0	24
BUCKNER	0	0	0	1	3	0	4
GRAIN VALLEY	0	0	0	1	1	0	9
GRANDVIEW	0	0	0	1	1	0	14
GREENWOOD	0	0	0	1	0	0	3
INDEPENDENCE	0	0	0	0	0	0	0
INDEPENDENCE	0	0	0	4	11	1	60
JACKSON CO, MO	0	0	0	0	2	0	17
KANSAS CITY	1	1	1	21	41	7	274
LAKE CITY ARSENAL	0	0	0	0	0	0	1
LAKE LOTAWANA	0	0	0	0	0	0	2
LAKE TAPAWINGO	0	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	3	3	0	51
LEVASY	0	0	0	1	0	1	2
LONE JACK	0	0	0	1	0	0	0
OAK GROVE	0	0	0	1	1	0	10
PLEASANT HILL	0	0	0	0	0	0	0
RAYTOWN	0	0	0	1	2	0	13
RIVER BEND	0	0	0	0	0	0	1
SIBLEY	0	0	0	1	0	0	0
SUGAR CREEK	0	0	0	0	0	0	0
SUGAR CREEK	0	0	0	1	0	1	16
UNITY VILLAGE	0	0	0	0	0	0	0

PLATTE COUNTY

ALL CRITICAL INFRASTRUCTURE IN PLATTE COUNTY BY JURISDICTION									
JURISDICTION	COUNTY	Federal Government	State Government	Local Government	Wastewater Treatment	Haz Mat	EOC	Fire Stations	Police Stations
CAMDEN POINT	PLATTE	0	0	0	0	0	0	1	1
DEARBORN	PLATTE	0	0	0	0	0	0	1	1
EDGERTON	PLATTE	0	0	0	0	0	0	1	1
FARLEY	PLATTE	0	0	0	0	0	0	1	0
FERRELVIEW	PLATTE	0	0	0	0	0	0	0	1
HOUSTON LAKE	PLATTE	0	0	0	0	0	0	0	1
IATAN	PLATTE	0	0	0	0	0	0	0	0
KANSAS CITY	PLATTE	12	1	3	0	0	0	4	1
LAKE WAUKOMIS	PLATTE	0	0	0	0	0	0	1	1
NORTHMOOR	PLATTE	0	0	1	0	0	0	0	1
PARKVILLE	PLATTE	1	0	2	1	0	0	3	1
PLATTE CITY	PLATTE	0	0	6	0	0	1	2	2
PLATTE CO, MO	PLATTE	0	1	3	0	0	0	1	0
PLATTE WOODS	PLATTE	0	0	1	0	0	0	0	1
RIDGELY	PLATTE	0	0	0	0	0	0	0	0
RIVERSIDE	PLATTE	0	0	0	0	0	1	1	1
SMITHVILLE	PLATTE	0	0	0	0	0	0	0	0
TRACY	PLATTE	0	0	0	0	0	0	0	1
WEATHERBY LAKE	PLATTE	0	0	1	0	0	0	0	1
WESTON	PLATTE	0	0	0	1	0	0	1	1

ALL CRITICAL INFRASTRUCTURE IN PLATTE COUNTY BY JURISDICTION									
JURISDICTION	**National Register of Historic Sites**	**City/State Registers of Historic Sites**	**Occ. Public Housing Units**	**Public Housing Properties**	**PSAPs**	**Colleges**	**Day Care**	**Hospitals**	**Hotels**
CAMDEN POINT	0	0	0	0	0	0	1	0	0
DEARBORN	0	0	0	0	0	0	1	0	0
EDGERTON	0	0	0	0	0	0	1	0	0
FARLEY	0	0	0	0	0	0	0	0	0
FERRELVIEW	0	0	0	0	0	0	0	0	0
HOUSTON LAKE	0	0	0	0	0	0	0	0	0
IATAN	0	0	0	0	0	0	0	0	0
KANSAS CITY	1	0	55	31	0	5	17	2	29
LAKE WAUKOMIS	0	0	0	0	0	0	0	0	0
NORTHMOOR	0	0	0	0	0	0	1	0	0
PARKVILLE	5	4	0	0	0	1	1	0	0
PLATTE CITY	2	2	0	0	1	1	4	0	4
PLATTE CO, MO	1	1	0	0	0	0	7	0	1
PLATTE WOODS	0	0	0	0	0	0	2	0	0
RIDGELY	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	0	0	1	0	0	0	2
SMITHVILLE	0	0	0	0	0	0	0	0	0
TRACY	0	0	0	0	0	0	1	0	0
WEATHERBY LAKE	0	0	0	0	0	0	0	0	0
WESTON	1	2	0	0	0	0	4	0	1

ALL CRITICAL INFRASTRUCTURE IN PLATTE COUNTY BY JURISDICTION								
JURISDICTION	**Apartment Complexes**	**Nursing Homes**	**Other Health Care**	**Schools**	**Shopping Centers**	**Trailer Parks**	**Dormitories**	**NFL Stadium**
CAMDEN POINT	0	0	0	1	0	0	0	0
DEARBORN	0	0	0	3	0	1	0	0
EDGERTON	0	0	0	1	0	0	0	0
FARLEY	0	0	0	0	0	0	0	0
FERRELVIEW	0	0	0	0	0	2	0	0
HOUSTON LAKE	0	0	0	0	0	0	0	0
IATAN	0	0	0	0	0	0	0	0
KANSAS CITY	20	9	0	19	28	0	0	0
LAKE WAUKOMIS	0	0	0	0	0	0	0	0
NORTHMOOR	0	0	0	0	1	1	0	0
PARKVILLE	4	1	1	1	6	0	3	0
PLATTE CITY	7	2	2	7	14	0	0	0
PLATTE CO, MO	1	2	0	2	0	2	0	0
PLATTE WOODS	0	0	0	1	1	0	0	0
RIDGELY	0	0	0	0	0	0	0	0
RIVERSIDE	7	2	2	2	3	0	0	0
SMITHVILLE	0	0	0	0	0	0	0	0
TRACY	0	0	0	0	0	0	0	0
WEATHERBY LAKE	0	0	0	0	0	0	0	0
WESTON	1	1	0	2	1	0	0	0

ALL CRITICAL INFRASTRUCTURE IN PLATTE COUNTY BY JURISDICTION								
JURISDICTION	**MLS Stadium**	**MLB Stadium**	**IRL Tracks**	**Botanical / Zoological Gardens**	**NASCAR**	**NCAA Div. 1 Basketball Arena**	**Large Grocery**	**Small Grocery**
CAMDEN POINT	0	0	0	0	0	0	0	0
DEARBORN	0	0	0	0	0	0	0	0
EDGERTON	0	0	0	0	0	0	0	0
FARLEY	0	0	0	0	0	0	0	0
FERRELVIEW	0	0	0	0	0	0	0	0
HOUSTON LAKE	0	0	0	0	0	0	0	0
IATAN	0	0	0	0	0	0	0	0
KANSAS CITY	0	0	0	0	0	0	4	2
LAKE WAUKOMIS	0	0	0	0	0	0	0	0
NORTHMOOR	0	0	0	0	0	0	0	0
PARKVILLE	0	0	0	0	0	0	0	0
PLATTE CITY	0	0	0	0	0	0	1	0
PLATTE CO, MO	0	0	0	0	0	0	0	0
PLATTE WOODS	0	0	0	0	0	0	0	0
RIDGELY	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	0	0	0	0	1	0
SMITHVILLE	0	0	0	0	0	0	0	0
TRACY	0	0	0	0	0	0	0	0
WEATHERBY LAKE	0	0	0	0	0	0	0	0
WESTON	0	0	0	0	0	0	0	1

ALL CRITICAL INFRASTRUCTURE IN PLATTE COUNTY BY JURISDICTION								
JURISDICTION	**Amtrak Station**	**Airports**	**Heliports**	**Superfund Sites**	**EPA FRS Facilities**	**Mines**	**Alternative Fueling Stations**	**Public Refrigerated Warehouses**
CAMDEN POINT	0	0	0	0	0	0	0	0
DEARBORN	0	0	0	0	1	0	1	0
EDGERTON	0	0	0	0	0	0	0	0
FARLEY	0	0	0	0	0	0	0	0
FERRELVIEW	0	0	0	0	0	0	0	0
HOUSTON LAKE	0	0	0	0	0	0	0	0
IATAN	0	0	0	0	1	0	0	0
KANSAS CITY	0	1	2	0	10	0	0	0
LAKE WAUKOMIS	0	0	0	0	0	0	0	0
NORTHMOOR	0	0	0	0	1	0	0	0
PARKVILLE	0	0	0	0	1	0	0	0
PLATTE CITY	0	1	0	0	2	0	1	0
PLATTE CO, MO	0	9	0	0	4	1	0	0
PLATTE WOODS	0	0	0	0	0	0	0	0
RIDGELY	0	0	0	0	1	0	0	0
RIVERSIDE	0	0	0	0	4	0	0	0
SMITHVILLE	0	0	0	0	0	0	0	0
TRACY	0	0	0	0	0	0	0	0
WEATHERBY LAKE	0	0	0	0	0	0	0	0
WESTON	0	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN PLATTE COUNTY BY JURISDICTION								
JURISDICTION	**Federal Reserve**	**Commodity Exchange**	**USPS Bulk Processing Center**	**USPS Processing Facilities**	**Post Offices**	**Shelters**	**RMP**	**Tier II**
CAMDEN POINT	0	0	0	0	1	0	0	1
DEARBORN	0	0	0	0	1	2	1	4
EDGERTON	0	0	0	0	1	0	0	1
FARLEY	0	0	0	0	1	0	0	0
FERRELVIEW	0	0	0	0	0	0	0	0
HOUSTON LAKE	0	0	0	0	0	0	0	0
IATAN	0	0	0	0	0	0	0	0
KANSAS CITY	0	0	0	0	3	9	0	54
LAKE WAUKOMIS	0	0	0	0	0	0	0	0
NORTHMOOR	0	0	0	0	0	0	0	1
PARKVILLE	0	0	0	0	1	4	0	7
PLATTE CITY	0	0	0	0	1	2	0	3
PLATTE CO, MO	0	0	0	0	1	1	2	14
PLATTE WOODS	0	0	0	0	0	2	0	0
RIDGELY	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	0	0	1	1	1	12
SMITHVILLE	0	0	0	0	0	0	0	0
TRACY	0	0	0	0	0	0	0	2
WEATHERBY LAKE	0	0	0	0	0	0	0	0
WESTON	0	0	0	0	1	2	0	3

RAY COUNTY

ALL CRITICAL INFRASTRUCTURE IN RAY COUNTY BY JURISDICTION									
JURISDICTION	COUNTY	Federal Government	State Government	Local Government	Wastewater Treatment	Haz Mat	EOC	Fire Stations	Police Stations
CAMDEN	RAY	0	0	0	0	0	0	0	0
CRYSTAL LAKES	RAY	0	0	0	0	0	0	0	0
ELMIRA	RAY	0	0	0	0	0	0	0	0
EXCELSIOR ESTATES	RAY	0	0	1	0	0	0	0	0
EXCELSIOR SPRINGS	RAY	0	0	0	0	0	0	0	0
FLEMING	RAY	0	0	0	0	0	0	0	0
HARDIN	RAY	0	0	1	0	0	0	1	1
HENRIETTA	RAY	0	0	0	0	0	0	0	2
HOMESTEAD VILLAGE	RAY	0	0	0	0	0	0	0	0
LAWSON	RAY	0	0	0	0	0	0	1	1
ORRICK	RAY	0	0	0	0	0	0	1	1
RAY CO, MO	RAY	0	0	2	1	0	0	1	1
RICHMOND	RAY	2	3	10	0	0	0	2	2
WOOD HEIGHTS	RAY	0	0	0	0	0	0	1	1

ALL CRITICAL INFRASTRUCTURE IN RAY COUNTY BY JURISDICTION									
JURISDICTION	**National Register of Historic Sites**	**City/State Registers of Historic Sites**	**Occ. Public Housing Units**	**Public Housing Properties**	**PSAPs**	**Colleges**	**Day Care**	**Hospitals**	**Hotels**
CAMDEN	0	0	0	0	0	0	0	0	0
CRYSTAL LAKES	0	0	0	0	0	0	0	0	0
ELMIRA	0	0	0	0	0	0	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	0	0	0	0	0
FLEMING	0	0	0	0	0	0	0	0	0
HARDIN	0	0	0	0	0	0	1	0	0
HENRIETTA	0	0	0	0	0	0	0	0	0
HOMESTEAD VILLAGE	0	0	0	0	0	0	0	0	0
LAWSON	0	0	39	19	0	0	1	0	0
ORRICK	0	0	0	0	0	0	2	0	0
RAY CO, MO	1	2	0	0	0	0	1	0	0
RICHMOND	4	4	110	65	1	0	3	1	1
WOOD HEIGHTS	0	0	0	0	0	0	0	0	0

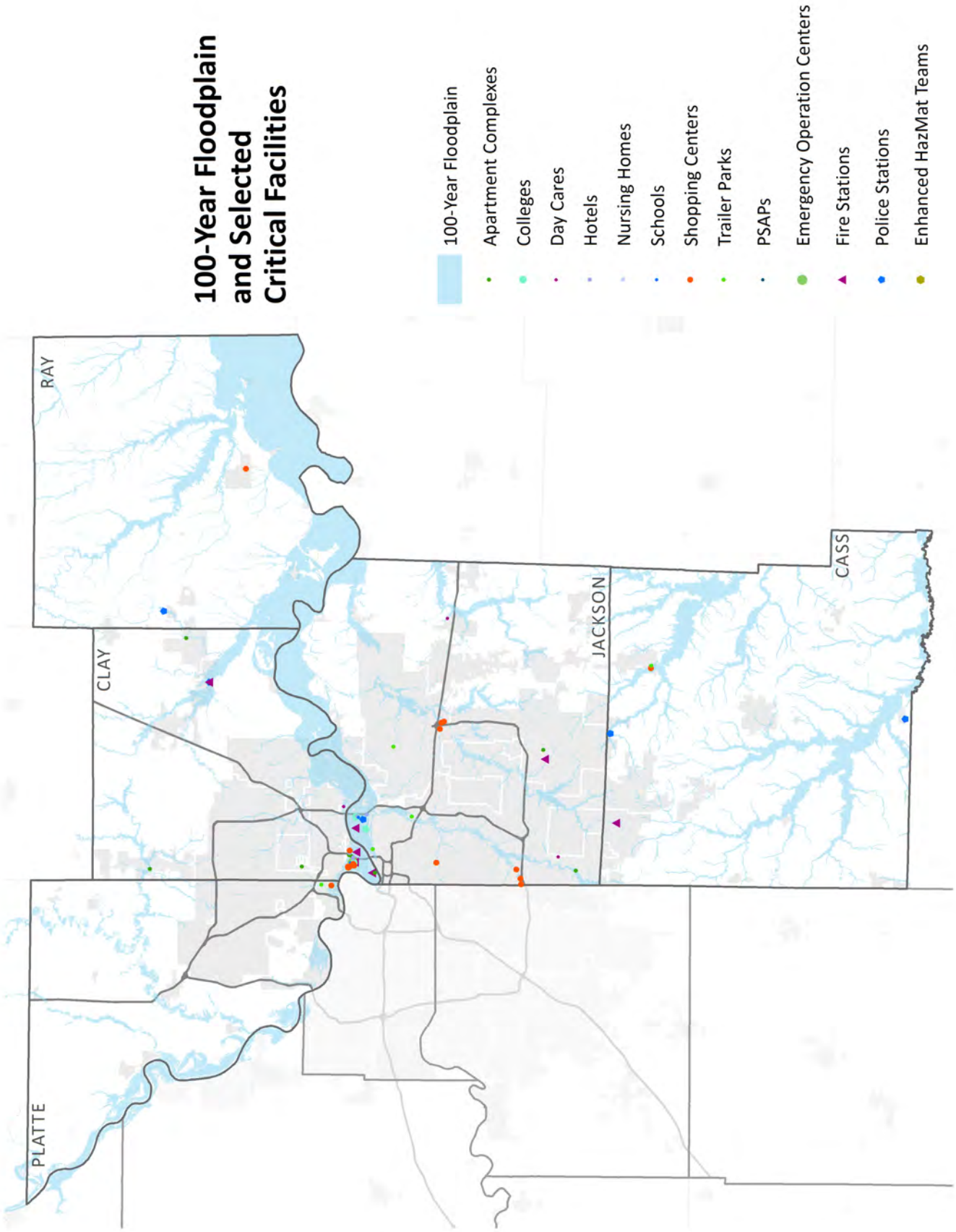
ALL CRITICAL INFRASTRUCTURE IN RAY COUNTY BY JURISDICTION								
JURISDICTION	**Apartment Complexes**	**Nursing Homes**	**Other Health Care**	**Schools**	**Shopping Centers**	**Trailer Parks**	**Dormitories**	**NFL Stadium**
CAMDEN	0	0	0	0	0	0	0	0
CRYSTAL LAKES	0	0	0	0	0	0	0	0
ELMIRA	0	0	0	0	0	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	0	0	0	0
FLEMING	0	0	0	0	0	0	0	0
HARDIN	0	0	0	2	0	0	0	0
HENRIETTA	0	0	0	0	0	0	0	0
HOMESTEAD VILLAGE	0	0	0	0	0	0	0	0
LAWSON	1	1	0	3	3	0	0	0
ORRICK	1	0	0	2	0	1	0	0
RAY CO, MO	0	0	0	3	0	0	0	0
RICHMOND	4	1	2	4	5	1	0	0
WOOD HEIGHTS	0	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN RAY COUNTY BY JURISDICTION									
JURISDICTION	**MLS Stadium**	**MLB Stadium**	**IRL Tracks**	**Botanical / Zoological Gardens**	**NASCAR**	**NCAA Div. 1 Basketball Arena**	**Large Grocery**	**Small Grocery**	**Amtrak Station**
CAMDEN	0	0	0	0	0	0	0	0	0
CRYSTAL LAKES	0	0	0	0	0	0	0	0	0
ELMIRA	0	0	0	0	0	0	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	0	0	0	0	0
FLEMING	0	0	0	0	0	0	0	0	0
HARDIN	0	0	0	0	0	0	0	0	0
HENRIETTA	0	0	0	0	0	0	0	0	0
HOMESTEAD VILLAGE	0	0	0	0	0	0	0	0	0
LAWSON	0	0	0	0	0	0	0	0	0
ORRICK	0	0	0	0	0	0	0	0	0
RAY CO, MO	0	0	0	0	0	0	0	0	0
RICHMOND	0	0	0	0	0	0	1	0	0
WOOD HEIGHTS	0	0	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN RAY COUNTY BY JURISDICTION								
JURISDICTION	**Airports**	**Heliports**	**Superfund Sites**	**EPA FRS Facilities**	**Mines**	**Alternative Fueling Stations**	**Public Refrigerated Warehouses**	**Federal Reserve**
CAMDEN	0	0	0	0	0	0	0	0
CRYSTAL LAKES	0	0	0	0	0	0	0	0
ELMIRA	0	0	0	0	0	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	1	0	0	0	0	0	0	0
FLEMING	0	0	0	0	0	0	0	0
HARDIN	0	0	0	2	0	0	0	0
HENRIETTA	0	0	0	2	0	0	0	0
HOMESTEAD VILLAGE	0	0	0	0	0	0	0	0
LAWSON	0	0	0	1	0	0	0	0
ORRICK	0	0	0	2	0	0	0	0
RAY CO, MO	3	0	0	6	0	0	0	0
RICHMOND	0	0	0	1	0	0	0	0
WOOD HEIGHTS	0	0	0	0	0	0	0	0

ALL CRITICAL INFRASTRUCTURE IN RAY COUNTY BY JURISDICTION							
JURISDICTION	**Commodity Exchange**	**USPS Bulk Processing Center**	**USPS Processing Facilities**	**Post Offices**	**Shelters**	**RMP**	**Tier II**
CAMDEN	0	0	0	0	0	0	1
CRYSTAL LAKES	0	0	0	0	0	0	0
ELMIRA	0	0	0	0	0	0	0
EXCELSIOR ESTATES	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	0	0	1
FLEMING	0	0	0	0	0	0	0
HARDIN	0	0	0	1	0	1	6
HENRIETTA	0	0	0	1	0	0	2
HOMESTEAD VILLAGE	0	0	0	0	0	0	0
LAWSON	0	0	0	1	0	0	2
ORRICK	0	0	0	1	0	1	2
RAY CO, MO	0	0	0	1	1	2	11
RICHMOND	0	0	0	1	2	0	12
WOOD HEIGHTS	0	0	0	0	1	0	1

Appendix C:
100-Year Floodplain and Selected Critical Facilities
Map and Table
(5 Pages)



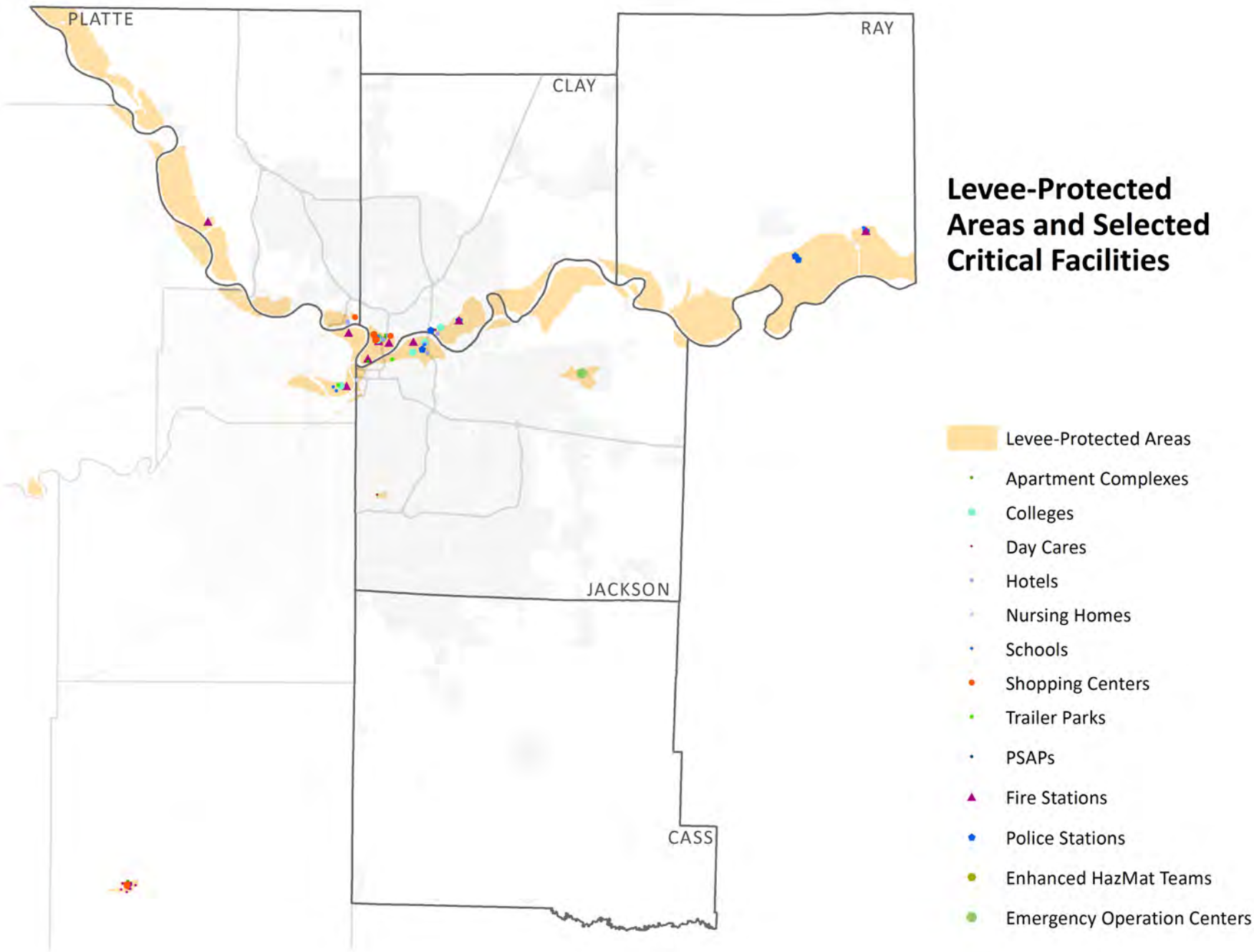
CRITICAL FACILITIES IN FLOODPLAIN AREAS BY JURISDICTION	COUNTY	PSAPs	Haz Mat	EOCs	Fire Stations	Police Stations	Colleges	Day Cares	Hospitals	Hotels	Apartment Complexes	Nursing Homes	Other Health Facilities	Schools	Shopping Centers	Trailer Parks	Dormitories	RMPs	Tier II	Shelters
ARCHIE	CASS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BALDWIN PARK	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELTON	CASS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASS CO, MO	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
CLEVELAND	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CREIGHTON	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DREXEL	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST LYNNE	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FREEMAN	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GARDEN CITY	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWOOD	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRISONVILLE	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE ANNETTE	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE WINNEBAGO	CASS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE'S SUMMIT	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PECULIAR	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLEASANT HILL	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
RAYMORE	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERVIEW ESTATES	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRASBURG	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VILLAGE OF LOCH LLOYD	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST LINE	CASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CASS COUNTY		**0**	**0**	**0**	**1**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**3**	**1**
AVONDALE	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIRMINGHAM	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLAY CO, MO	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLAYCOMO	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
EXCELSIOR SPRINGS	CLAY	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
GLADSTONE	CLAY	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
GLENAIRE	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOLT	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS CITY	CLAY	0	0	0	1	0	0	2	0	0	1	0	0	0	0	0	0	0	12	0
KEARNEY	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
LAWSON	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LIBERTY	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MISSOURI CITY	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOSBY	CLAY	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0
NORTH KANSAS CITY	CLAY	1	1	1	2	1	1	1	0	5	4	1	0	1	8	0	0	1	44	2
PLEASANT VALLEY	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRATHERSVILLE	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANDOLPH	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMITHVILLE	CLAY	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL CLAY COUNTY		**1**	**1**	**1**	**5**	**2**	**1**	**3**	**0**	**5**	**8**	**1**	**0**	**1**	**8**	**0**	**0**	**2**	**63**	**2**
BLUE SPRINGS	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUCKNER	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAIN VALLEY	JACKSON	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
GRANDVIEW	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWOOD	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDEPENDENCE	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	2	0
JACKSON CO, MO	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
KANSAS CITY	JACKSON	0	0	0	1	1	2	1	1	2	1	0	0	1	4	2	0	3	61	0
LAKE CITY ARSENAL	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CRITICAL FACILITIES IN FLOODPLAIN AREAS BY JURISDICTION	COUNTY	PSAPs	Haz Mat	EOCs	Fire Stations	Police Stations	Colleges	Day Cares	Hospitals	Hotels	Apartment Complexes	Nursing Homes	Other Health Facilities	Schools	Shopping Centers	Trailer Parks	Dormitories	RMPs	Tier II	Shelters
LAKE LOTAWANA	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE'S SUMMIT	JACKSON	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LEVASY	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONE JACK	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK GROVE	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAYTOWN	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVER BEND	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
SIBLEY	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUGAR CREEK	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
UNITY VILLAGE	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL JACKSON COUNTY		**0**	**0**	**0**	**2**	**1**	**2**	**2**	**1**	**2**	**2**	**0**	**0**	**1**	**7**	**3**	**0**	**4**	**69**	**0**
DEARBORN	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
EDGERTON	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARLEY	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS CITY	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHMOOR	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PARKVILLE	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATTE CITY	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATTE CO, MO	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
SMITHVILLE	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRACY	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTON	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PLATTE COUNTY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**0**
CAMDEN	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL LAKES	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMIRA	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FLEMING	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARDIN	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
HENRIETTA	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAWSON	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORRICK	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
RAY CO, MO	RAY	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0
RICHMOND	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
TOTAL IN RAY COUNTY		**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**6**	**0**

CRITICAL FACILITIES IN FLOODPLAIN AREAS BY JURISDICTION	Tier II Wastewater	Public Housing Sites	Public Housing Units	EPA FRS	Superfund	Airports	Heliports	National Register of Historic Places	City/State Register of Historic Places	Federal Government	State Government	Local Government	Post Offices
ARCHIE	1	0	0	0	0	0	0	0	0	0	0	0	0
BALDWIN PARK	0	0	0	0	0	0	0	0	0	0	0	0	0
BELTON	0	0	0	0	0	0	0	0	0	0	0	0	0
CASS CO, MO	0	0	0	3	0	0	0	0	0	0	0	0	0
CLEVELAND	0	0	0	0	0	0	0	0	0	0	0	0	0
CREIGHTON	0	0	0	0	0	0	0	0	0	0	0	0	0
DREXEL	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST LYNNE	0	0	0	0	0	0	0	0	0	0	0	0	0
FREEMAN	0	0	0	0	0	0	0	0	0	0	0	0	0
GARDEN CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRISONVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE ANNETTE	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE WINNEBAGO	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0	0	0	0	0	0	0	0	0
PECULIAR	0	0	0	0	0	0	0	0	0	0	0	0	0
PLEASANT HILL	0	0	0	1	0	0	0	0	0	0	0	0	0
RAYMORE	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERVIEW ESTATES	0	0	0	0	0	0	0	0	0	0	0	0	0
STRASBURG	0	0	0	0	0	0	0	0	0	0	0	0	0
VILLAGE OF LOCH LLOYD	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST LINE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CASS COUNTY	**1**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AVONDALE	0	0	0	0	0	0	0	0	0	0	0	1	0
BIRMINGHAM	0	0	0	0	0	0	0	0	0	0	0	0	0
CLAY CO, MO	0	0	0	0	0	1	0	0	0	0	0	0	0
CLAYCOMO	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	1	70	0	0	0	0	1	0	0	0	6	0
GLADSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENAIRE	0	0	0	0	0	0	0	0	0	0	0	0	0
HOLT	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS CITY	1	0	0	2	0	1	0	1	0	1	0	0	0
KEARNEY	0	0	0	1	0	1	0	0	0	0	0	1	0
LAWSON	0	0	0	0	0	0	0	0	0	0	0	0	0
LIBERTY	0	0	0	3	1	0	0	0	0	1	0	0	0
MISSOURI CITY	0	0	0	0	0	0	0	1	0	0	0	0	0
MOSBY	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH KANSAS CITY	1	0	0	54	1	0	0	3	2	0	1	3	1
PLEASANT VALLEY	0	0	0	0	0	0	0	0	0	0	0	0	0
PRATHERSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0
RANDOLPH	0	0	0	0	0	0	0	0	0	0	0	0	0
SMITHVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CLAY COUNTY	**2**	**1**	**70**	**60**	**2**	**3**	**0**	**6**	**2**	**2**	**1**	**11**	**1**
BLUE SPRINGS	0	0	0	0	0	0	0	0	0	0	0	0	0
BUCKNER	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAIN VALLEY	0	0	0	0	0	0	0	0	0	0	0	0	0
GRANDVIEW	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0
INDEPENDENCE	0	0	0	1	0	0	0	0	0	0	0	0	0
JACKSON CO, MO	0	0	0	1	0	1	0	0	1	0	0	0	0
KANSAS CITY	1	2	2	54	0	0	0	2	3	4	2	0	1
LAKE CITY ARSENAL	0	0	0	0	0	0	0	0	0	0	0	0	0

CRITICAL FACILITIES IN FLOODPLAIN AREAS BY JURISDICTION	Tier II Wastewater	Public Housing Sites	Public Housing Units	EPA FRS	Superfund	Airports	Heliports	National Register of Historic Places	City/State Register of Historic Places	Federal Government	State Government	Local Government	Post Offices
LAKE LOTAWANA	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE'S SUMMIT	0	0	0	0	0	0	0	0	**1**	0	0	**1**	0
LEVASY	0	0	0	0	0	0	0	0	0	0	0	0	0
LONE JACK	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK GROVE	0	0	0	0	0	0	0	0	0	0	0	0	0
RAYTOWN	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVER BEND	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBLEY	0	0	0	0	0	0	0	0	0	0	0	0	0
SUGAR CREEK	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0
UNITY VILLAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL JACKSON COUNTY	**2**	**2**	**2**	**57**	**0**	**1**	**0**	**2**	**5**	**4**	**2**	**1**	**1**
DEARBORN	0	0	0	0	0	0	0	0	0	0	0	0	0
EDGERTON	0	0	0	0	0	0	0	0	0	0	0	0	0
FARLEY	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHMOOR	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATTE CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATTE CO, MO	0	0	0	0	0	**2**	0	0	**1**	0	0	0	0
RIVERSIDE	0	0	0	**2**	0	0	0	0	0	0	0	0	0
SMITHVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0
TRACY	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTON	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PLATTE COUNTY	**0**	**0**	**0**	**2**	**0**	**2**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
CAMDEN	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL LAKES	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMIRA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	0	0	0	0	0	0	0	0	0	0	0	0	0
FLEMING	0	0	0	0	0	0	0	0	0	0	0	0	0
HARDIN	0	0	0	**1**	0	0	0	0	0	0	0	**1**	0
HENRIETTA	0	0	0	0	0	0	0	0	0	0	0	0	0
LAWSON	0	0	0	0	0	0	0	0	0	0	0	0	0
ORRICK	0	0	0	0	0	0	0	0	0	0	0	0	0
RAY CO, MO	0	0	0	**1**	0	**1**	0	0	0	0	0	**1**	0
RICHMOND	0	**3**	**6**	0	0	0	0	0	0	0	0	0	0
TOTAL IN RAY COUNTY	**0**	**3**	**6**	**2**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**0**

Appendix C:
Levee-Protected Areas and Selected Critical Facilities
Map and Table
(3 Pages)



CRITICAL FACILITIES IN LEVEE AREAS BY JURISDICTION	COUNTY	PSAPs	Haz Mat	EOCs	Fire Stations	Police Stations	Colleges	Daycares	Hospitals	Hotels	Apartment Complexes	Nursing Homes	Other Health Care	Schools	Shopping Centers	Trailer Parks	Dormitories	RMPs	Tier II
NO LEVEE AREAS IN COUNTY	CASS																		
BIRMINGHAM	CLAY	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CLAY CO, MO	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS CITY	CLAY	0	0	0	1	0	1	2	0	1	1	0	0	0	0	0	0	1	13
LIBERTY	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSOURI CITY	CLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH KANSAS CITY	CLAY	1	1	1	2	1	1	1	0	5	4	1	0	1	8	0	0	1	44
RANDOLPH	CLAY	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
INDEPENDENCE	JACKSON	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
JACKSON CO, MO	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
KANSAS CITY	JACKSON	0	0	0	1	1	2	1	0	2	0	1	0	1	0	1	0	5	68
LAKE CITY ARSENAL	JACKSON	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LEVASY	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVER BEND	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUGAR CREEK	JACKSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
FARLEY	PLATTE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKVILLE	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATTE CO, MO	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7
RIVERSIDE	PLATTE	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	1	10
WESTON	PLATTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMDEN	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FLEMING	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARDIN	RAY	0	0	0	1	1	0	1	0	0	0	0	0	2	0	0	0	1	6
HENRIETTA	RAY	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
RAY CO, MO	RAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

CRITICAL FACILITIES IN LEVEE AREAS BY JURISDICTION	Shelters	Tier II Wastewater	Public Housing	EPA FRS	Superfund	Airports	Heliports	National Register of Historic Places	City/State Register of Historic Places	Federal Government	State Government	Local Government	Post Offices
NO LEVEE AREAS IN COUNTY													
BIRMINGHAM	0	0	0	0	0	0	0	0	0	0	0	0	0
CLAY CO, MO	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS CITY	0	0	0	3	0	1	0	0	0	1	0	0	0
LIBERTY	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSOURI CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH KANSAS CITY	2	1	0	55	1	0	0	3	2	0	1	3	1
RANDOLPH	0	0	0	0	0	0	0	0	0	0	0	0	0
INDEPENDENCE	0	0	0	1	0	0	0	0	0	0	0	0	0
JACKSON CO, MO	0	2	0	2	0	1	0	0	0	0	0	1	0
KANSAS CITY	1	3	0	47	0	0	0	5	1	13	4	2	1
LAKE CITY ARSENAL	0	0	0	1	0	0	0	0	0	0	0	0	0
LEVASY	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVER BEND	0	0	0	0	0	0	0	0	0	0	0	0	0
SUGAR CREEK	0	1	0	1	0	0	0	0	0	0	0	0	0
FARLEY	0	0	0	0	0	0	0	0	0	0	0	0	1
PARKVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0
PLATTE CO, MO	0	0	0	2	0	2	0	0	1	0	0	1	1
RIVERSIDE	0	0	0	4	0	0	0	0	0	0	0	0	0
WESTON	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMDEN	0	0	0	0	0	0	0	0	0	0	0	0	0
FLEMING	0	0	0	0	0	0	0	0	0	0	0	0	0
HARDIN	0	0	0	2	0	0	0	0	0	0	0	1	1
HENRIETTA	0	0	0	2	0	0	0	0	0	0	0	0	1
RAY CO, MO	0	0	0	1	0	1	0	0	0	0	0	0	0

12/7/09

Adams Dairy Parkway Dam

Breach Inundation Map

Jackson County, Missouri
JACKSON_MO20793

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Appendix C:
Dam Inundation Maps for Jackson County
(134 Pages)

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20793

County: JACKSON

Location: S28, T49 N, R30 W

Height of Dam: 45'

Storage Capacity (Normal Pool): 1351 ac-ft

Tributary: Unnamed trib. to Blue Branch

Lake Area: 54.5 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 74.06'

Bottom elevation: 730'

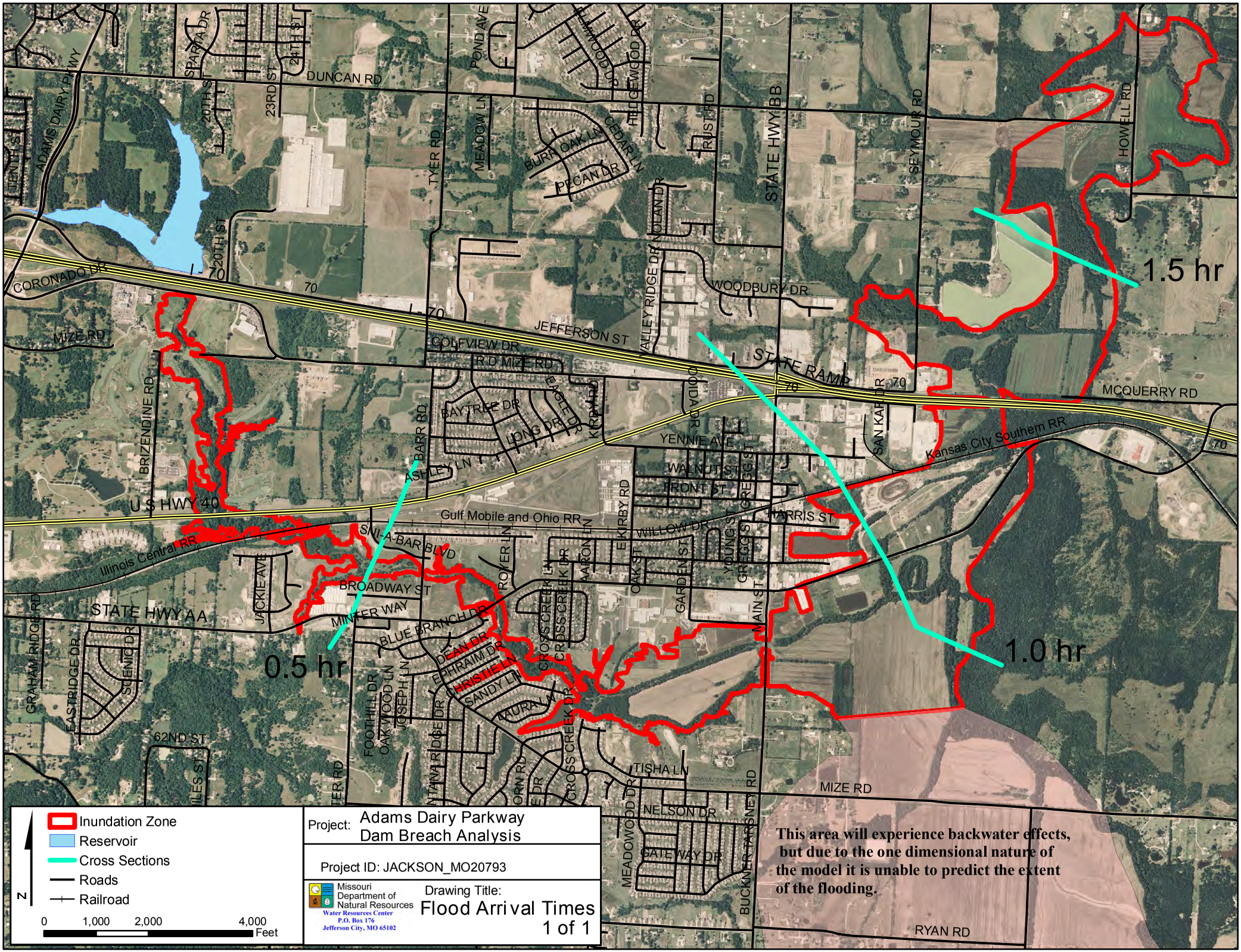
Breach formation time: 0.86 hr

Pool Elevation at Failure: 860.04'

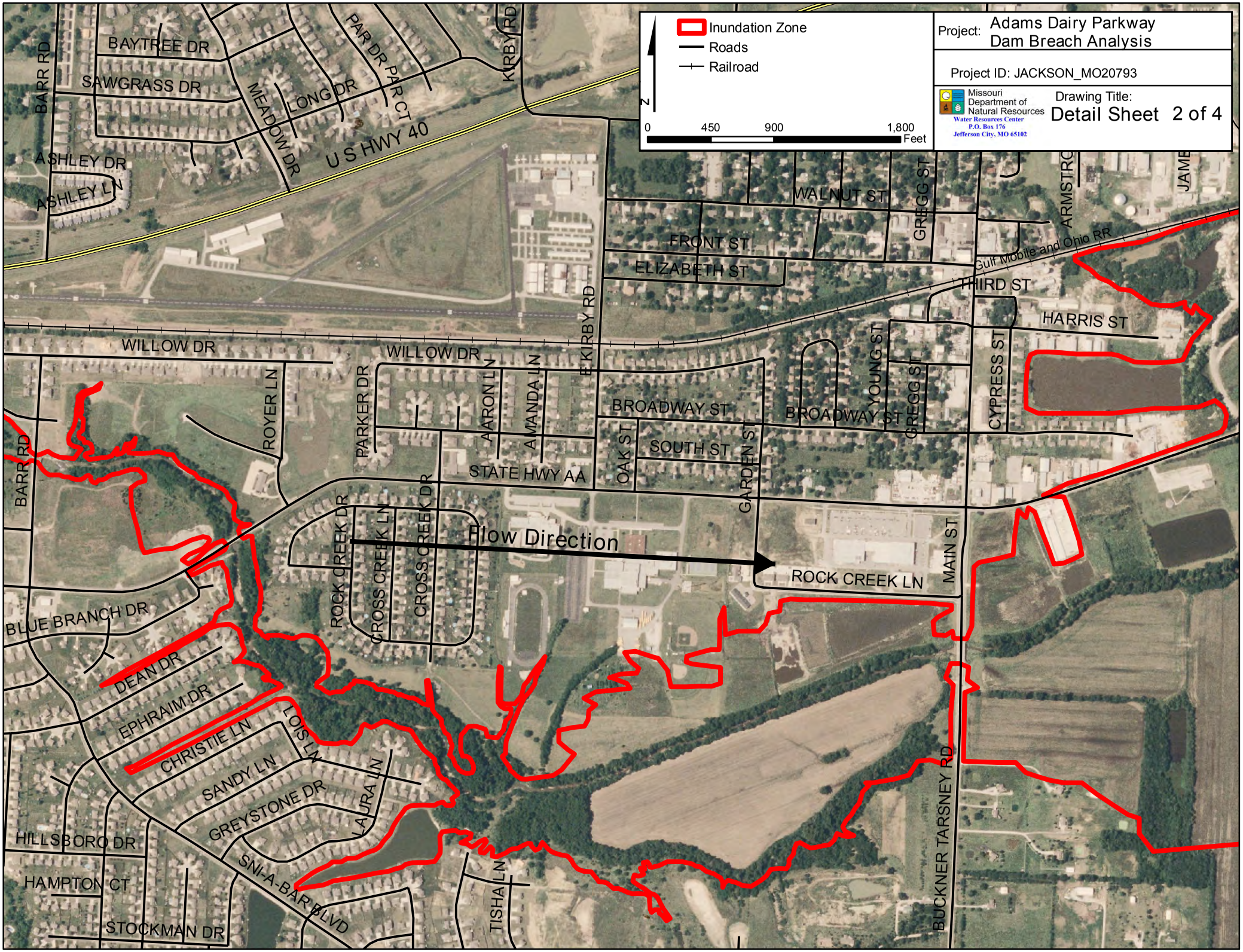
Pool Volume at Failure: 2066 ac-ft

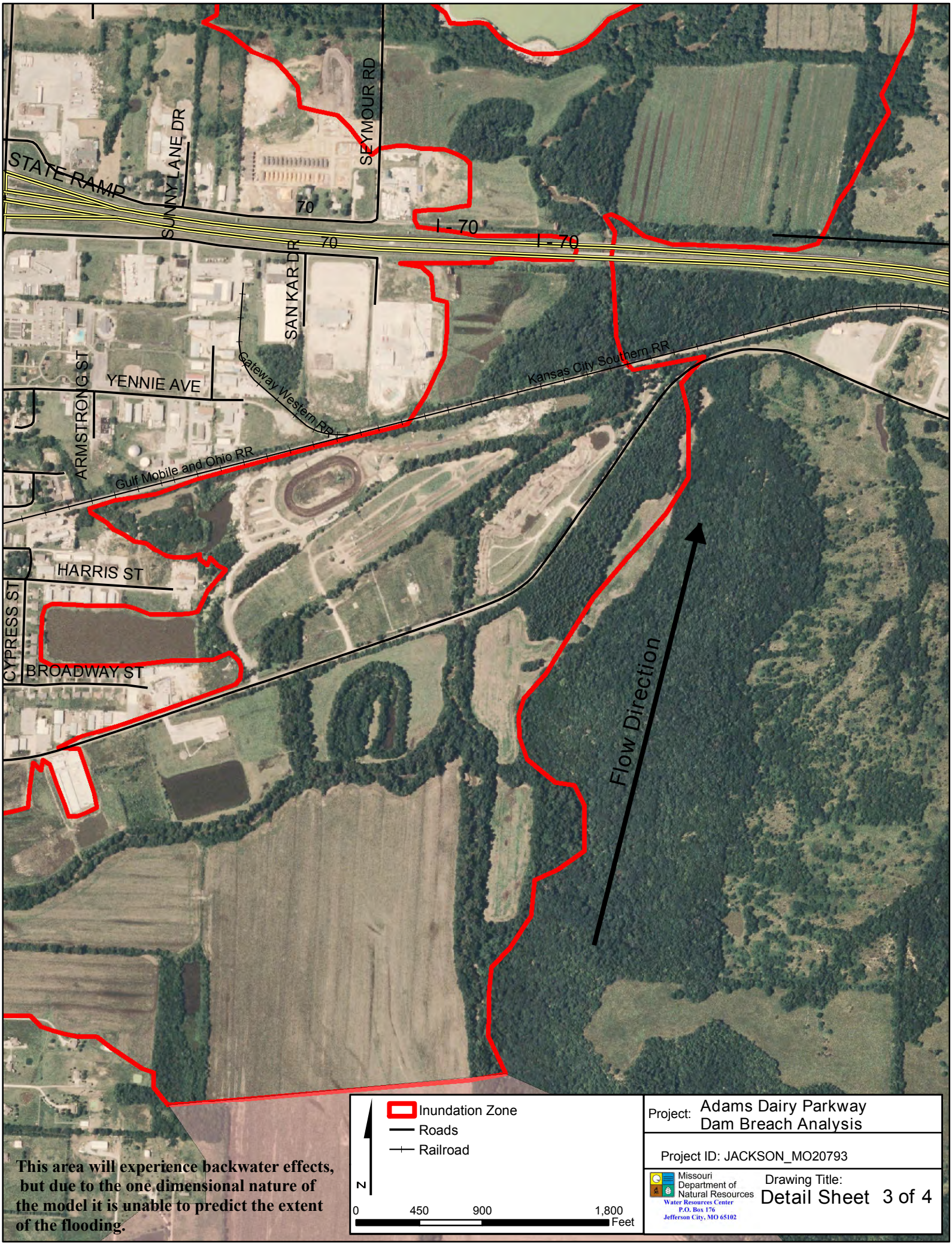
Date of Aerial Photo: August 22, 2007

Project:	Adams Dairy Parkway Dam Breach Analysis
Drawing Title:	Explanation Sheet 1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20793

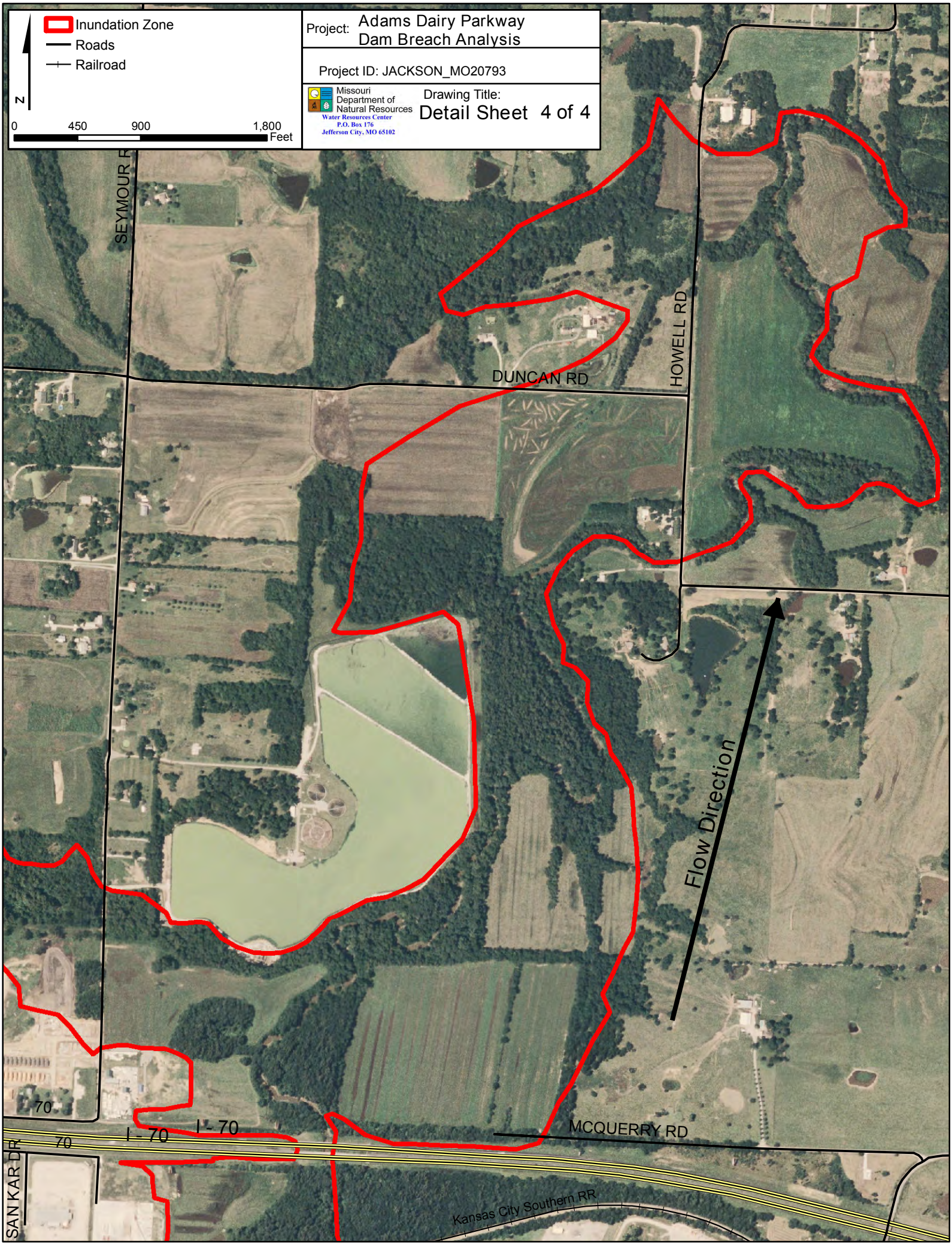

0.5 hr
1.0 hr
1.5 hr
Inundation Zone
Reservoir
Cross Sections
Roads
Railroad
N
0
1,000
2,000
4,000
Feet
Project: Adams Dairy Parkway Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
This area will experience backwater effects, but due to the one dimensional nature of the model it is unable to predict the extent of the flooding.
DUNCAN RD
ADAMS DAIRY PKWY
CORONADO DR
I-70
JEFFERSON ST
STATE RAMP
MIZE RD
GOLFVIEW DR
R D MIZE RD
BAYTREE DR
LONG DR
BARR RD
ASHLEY LN
BRIZENDINE RD
U S HWY 40
Gulf Mobile and Ohio RR
Illinois Central RR
SNI-A-BAR BLVD
BROADWAY ST
MINTER WAY
STATE HWY AA
BLUE BRANCH DR
DEAN DR
EPHRAIM DR
CHRISTIE LN
SANDY LN
LAURA LN
CROSS CREEK DR
ROYER LN
AARON LN
E KIRBY RD
OAK ST
GARDEN ST
YOUNG ST
GREGG ST
MAIN ST
WILLOW DR
WALNUT ST
FRONT ST
YENNIE AVE
HARRIS ST
Kansas City Southern RR
MCQUERRY RD
WOODBURY DR
VALLEY RIDGE DR
OLEAN DR
STATE HWY BB
SEYMOUR RD
HOWELL RD
RUST RD
FIELDCREST DR
CEDAR LN
PECAN DR
BURR OAK LN
MEADOW LN
TYER RD
SPARTA DR
24TH ST
23RD ST
20TH ST
TENTH ST
JACKIE AVE
GRAHAM RIDGE RD
EASTRIDGE DR
SCENIC DR
62ND ST
FOOTHILL DR
OAK WOOD LN
JOSEPH LN
TISHA LN
NELSON DR
GATEWAY DR
MEADOWOOD DR
BUCKNER TARSNEY RD
RYAN RD

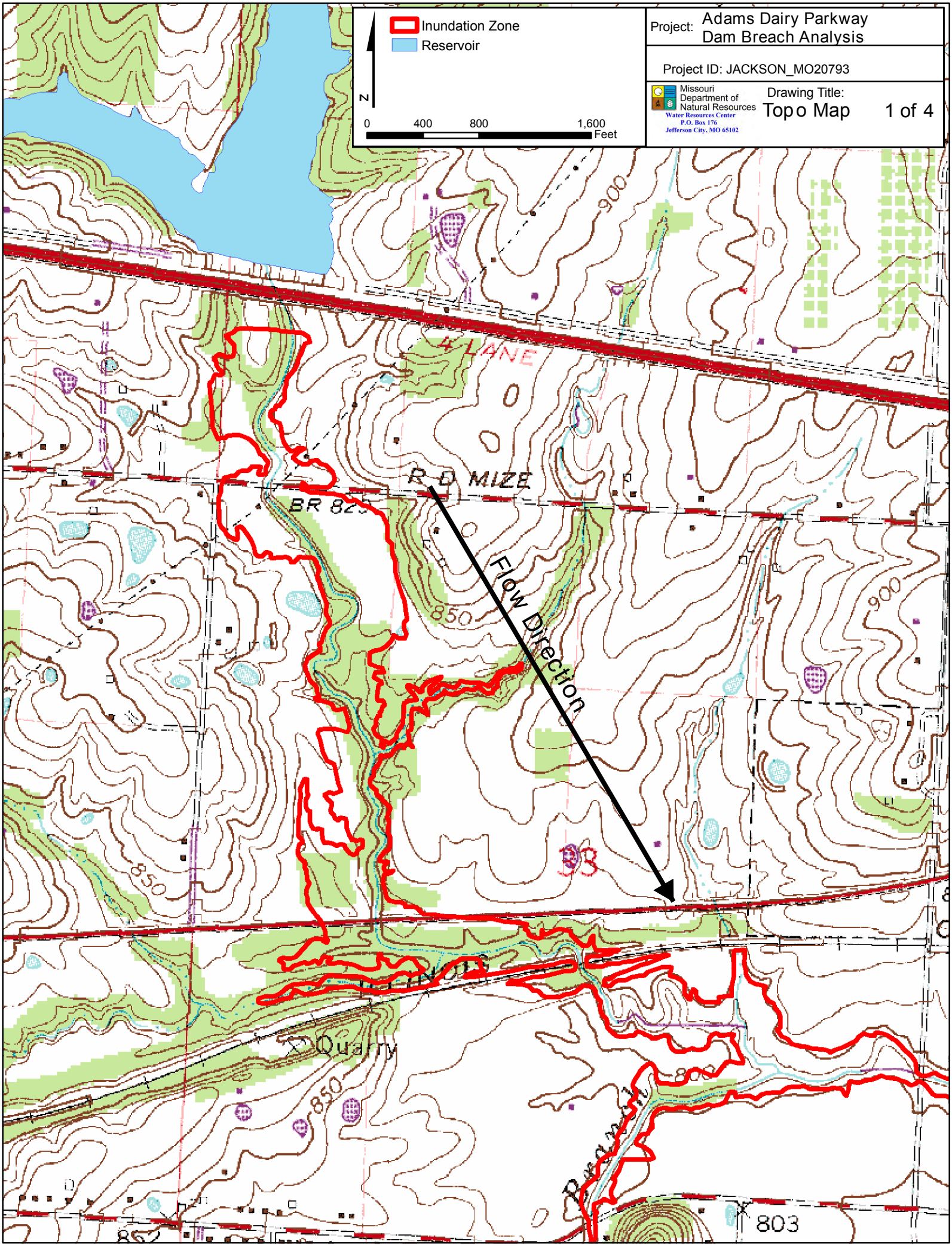

Inundation Zone
Reservoir
Roads
Railroad
N
0
400
800
1,600
Feet
Project: Adams Dairy Parkway Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 4
JEFFERSON ST
I 70
20TH ST
CORONADO DR
I - 70
70
TYER RD
MIZE RD
R D MIZE RD
Flow Direction
BRIZENDINE RD
BARR RD
U S HWY 40
Gulf Mobile and Ohio RR
WILLOW DR
SNI-A-BAR BLVD
Illinois Central RR
WILLOW DR
MICHAEL DR
JACKIE AVE
BROADWAY ST
BROADWAY ST
BARR RD
MINTER RD
STATE HWY AA

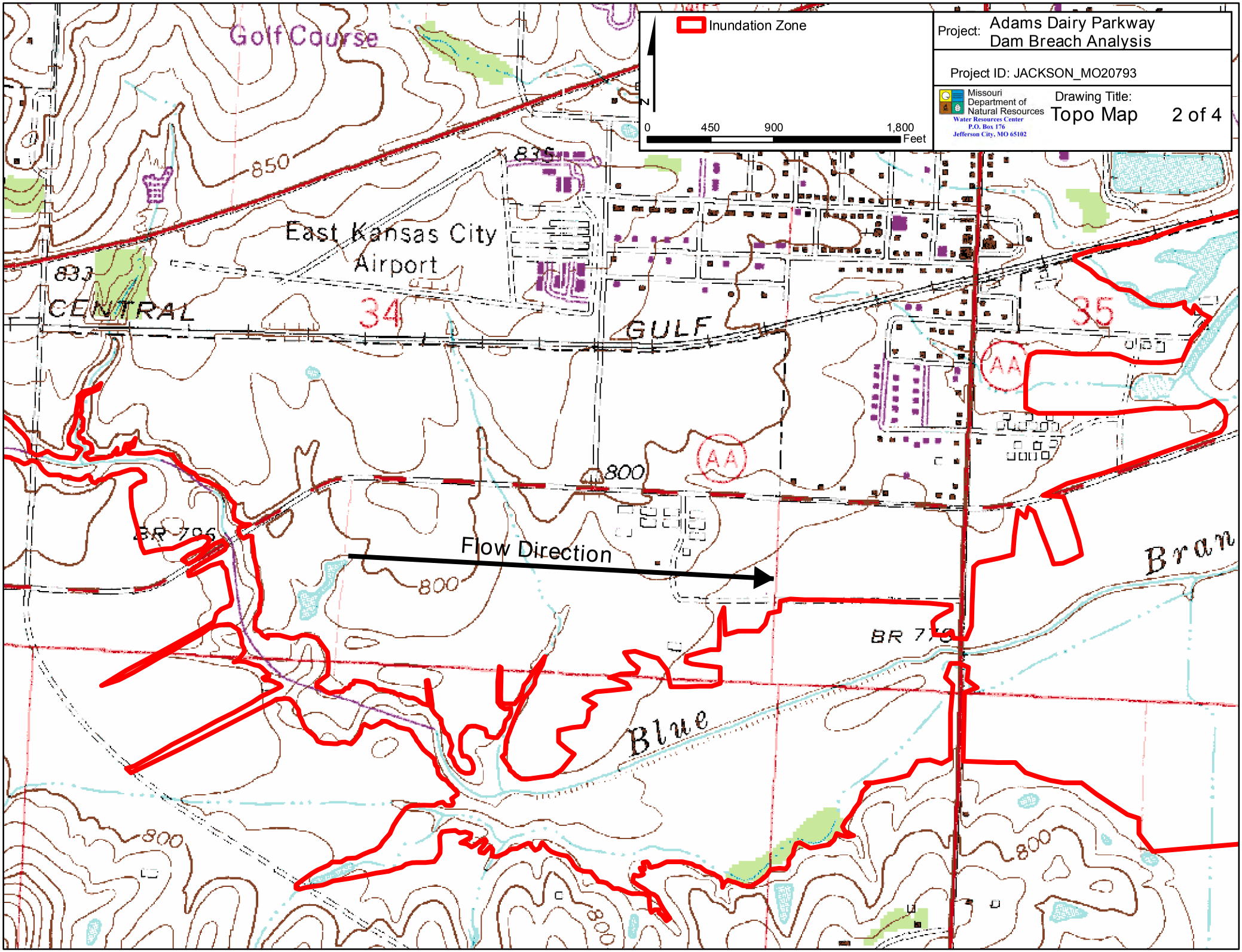

Inundation Zone
Roads
Railroad
N
0
450
900
1,800
Feet
Project: Adams Dairy Parkway Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 4
BAYTREE DR
SAWGRASS DR
BARR RD
MEADOW DR
LONG DR
PAR DR
PAR CT
KIRBY RD
U S HWY 40
ASHLEY DR
ASHLEY LN
WALNUT ST
GREGG ST
ARMSTRO
JAME
FRONT ST
ELIZABETH ST
Gulf Mobile and Ohio RR
THIRD ST
HARRIS ST
WILLOW DR
E KIRBY RD
ROYER LN
PARKER DR
AARON LN
AMANDA LN
BROADWAY ST
YOUNG ST
CYPRESS ST
SOUTH ST
OAK ST
GARDEN ST
STATE HWY AA
ROCK CREEK DR
CROSS CREEK LN
CROSS CREEK DR
Flow Direction
ROCK CREEK LN
MAIN ST
BLUE BRANCH DR
DEAN DR
EPHRAIM DR
CHRISTIE LN
LOIS LN
SANDY LN
LAURA LN
GREYSTONE DR
HILLSBORO DR
HAMPTON CT
SNI-A-BAR BLVD
TISHA LN
STOCKMAN DR
BUCKNER TARSNEY RD

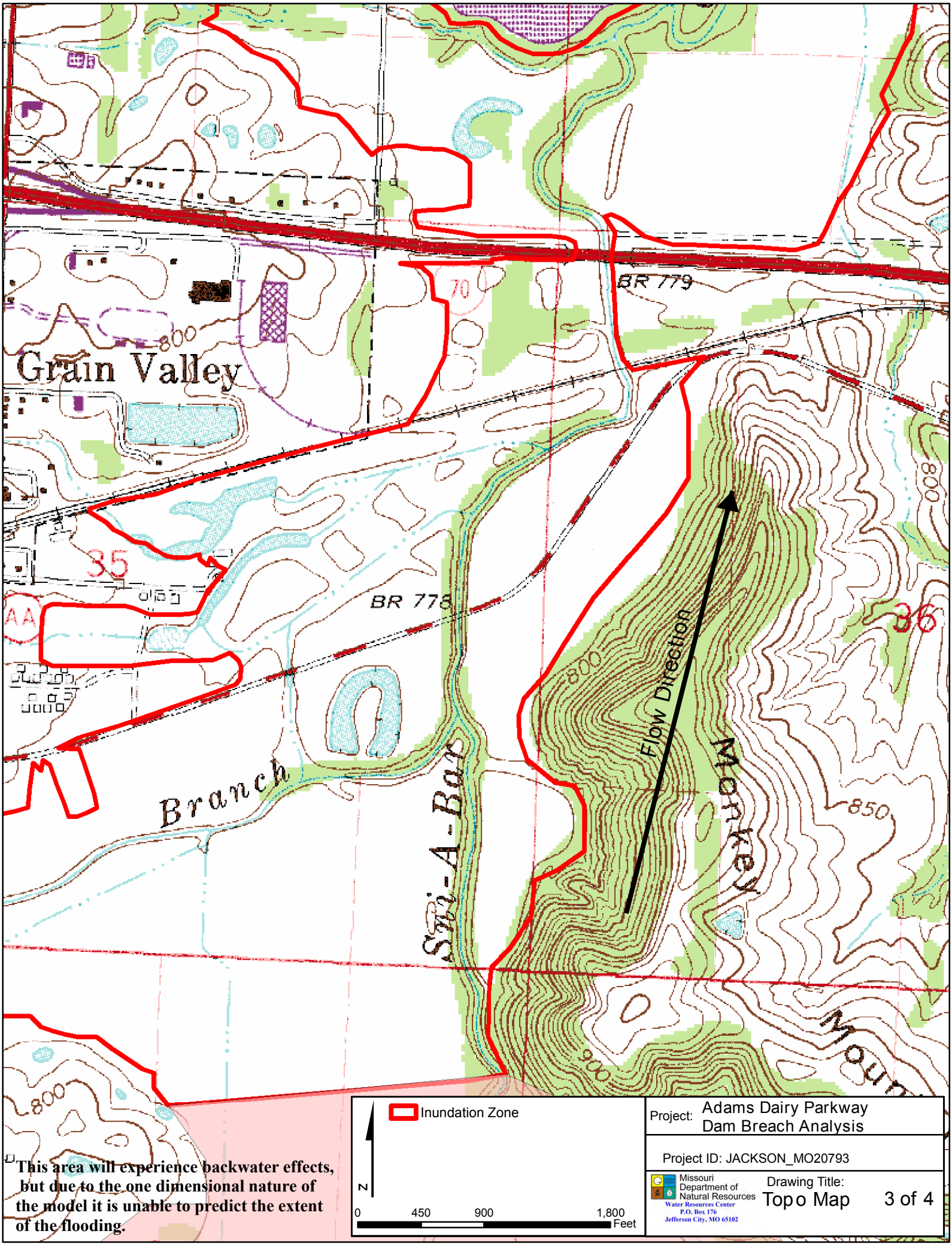


This area will experience backwater effects, but due to the one dimensional nature of the model it is unable to predict the extent of the flooding.

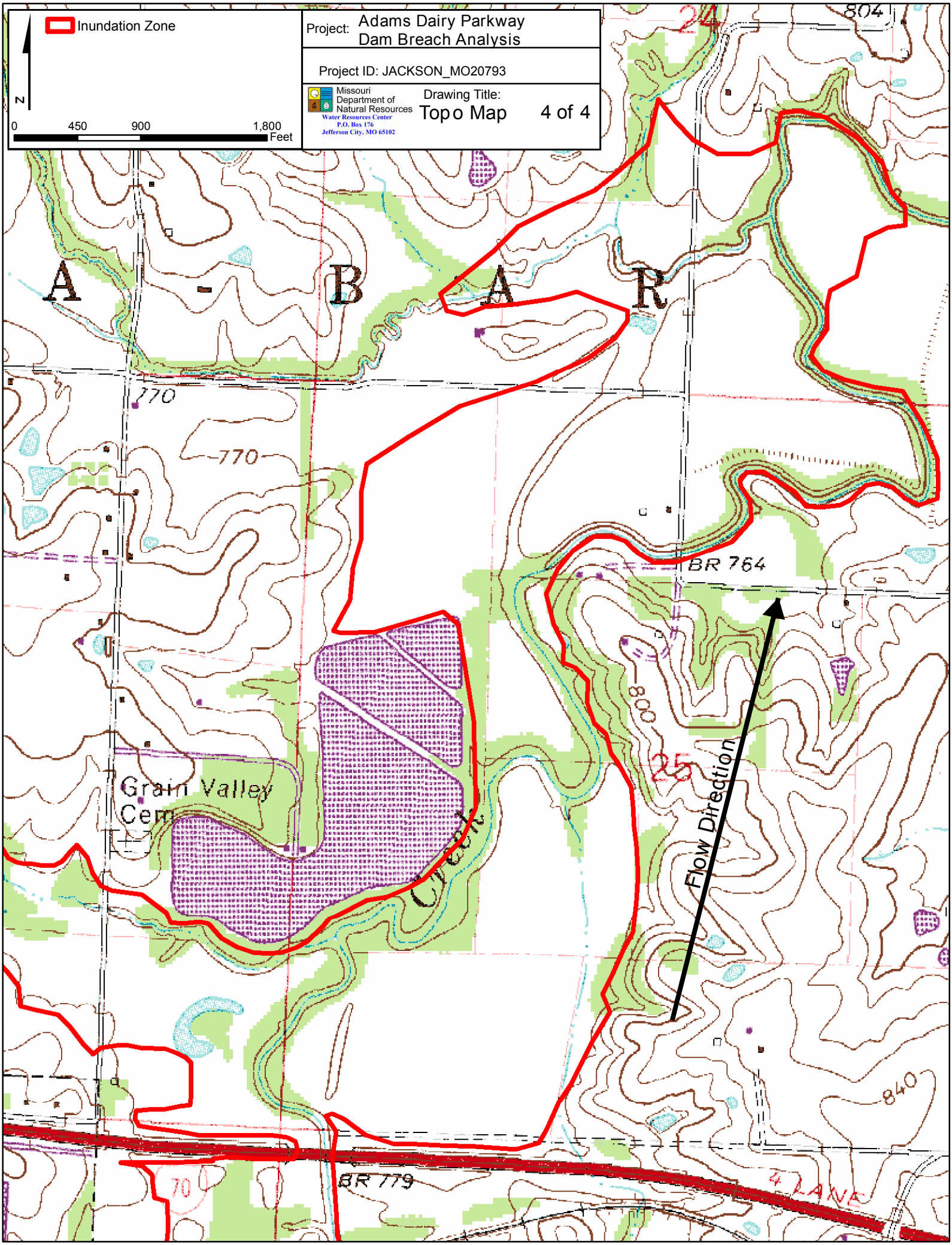

Inundation Zone
Roads
Railroad
N
0
450
900
1,800
Feet
Project: Adams Dairy Parkway Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 4 of 4
SEYMOUR R
DUNCAN RD
HOWELL RD
Flow Direction
MCQUERRY RD
I - 70
70
SAN KAR DR
Kansas City Southern RR


Inundation Zone
Reservoir
N
0
400
800
1,600
Feet
Project: Adams Dairy Parkway Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 4
4 LANE
R D MIZE
BR 825
Flow Direction
850
900
Quarry
803


Inundation Zone
N
0
450
900
1,800
Feet
Project: Adams Dairy Parkway Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 4
Golf Course
850
835
East Kansas City Airport
833
CENTRAL
34
GULF
35
AA
AA
800
BR 796
Flow Direction
800
BR 7
Blue
Bran
800
800
800



This area will experience backwater effects, but due to the one dimensional nature of the model it is unable to predict the extent of the flooding.


Inundation Zone
N
0
450
900
1,800
Feet
Project: Adams Dairy Parkway
Dam Breach Analysis
Project ID: JACKSON_MO20793
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
4 of 4
A - B A R
770
770
BR 764
800
25
Flow Direction
Grain Valley Cem
Creek
840
BR 779
70
4 LANE

12/7/09

Barber Lake Dam

Breach Inundation Map

Jackson County, Missouri
JACKSON_MO20570

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20570

County: JACKSON

Location: S06, T47 N, R30 W

Height of Dam: 57'

Storage Capacity (Normal Pool): 1460 ac-ft

Tributary: Unnamed trib. to West Fork Sni-a-bar Creek

Lake Area: 120 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 136.22'

Bottom elevation: 948'

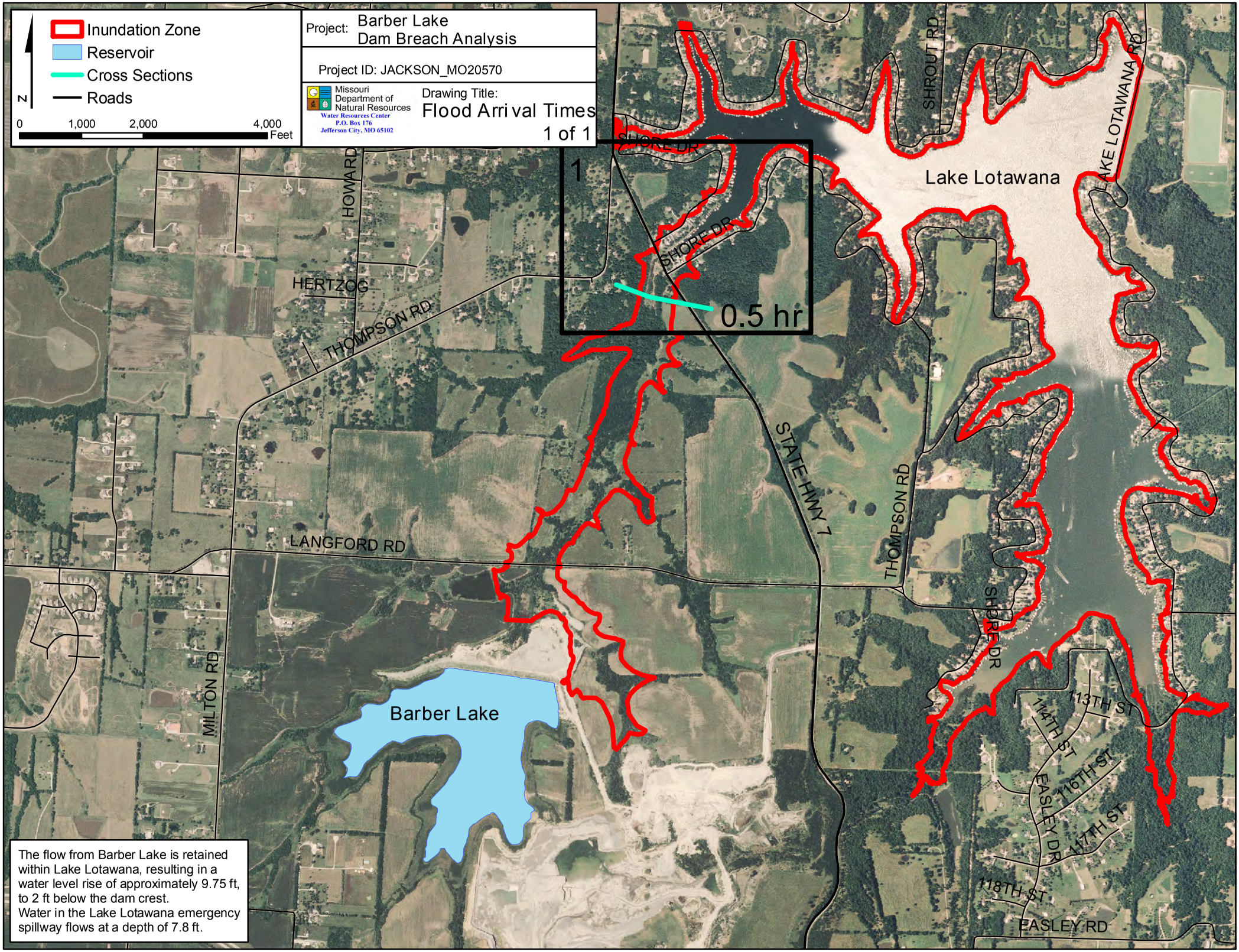
Breach formation time: 0.85 hr

Pool Elevation at Failure: 997.22'

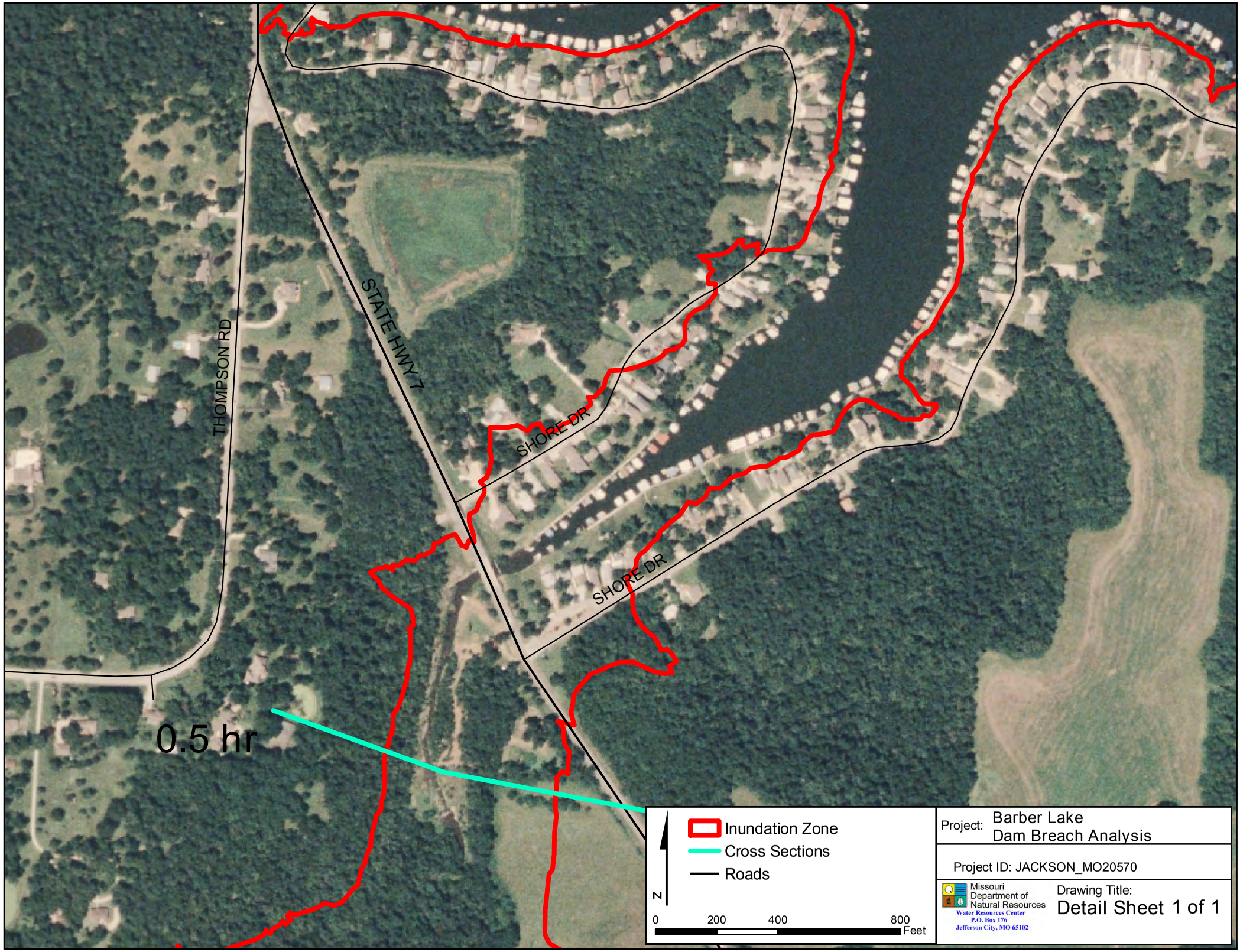
Pool Volume at Failure: 5013 ac-ft

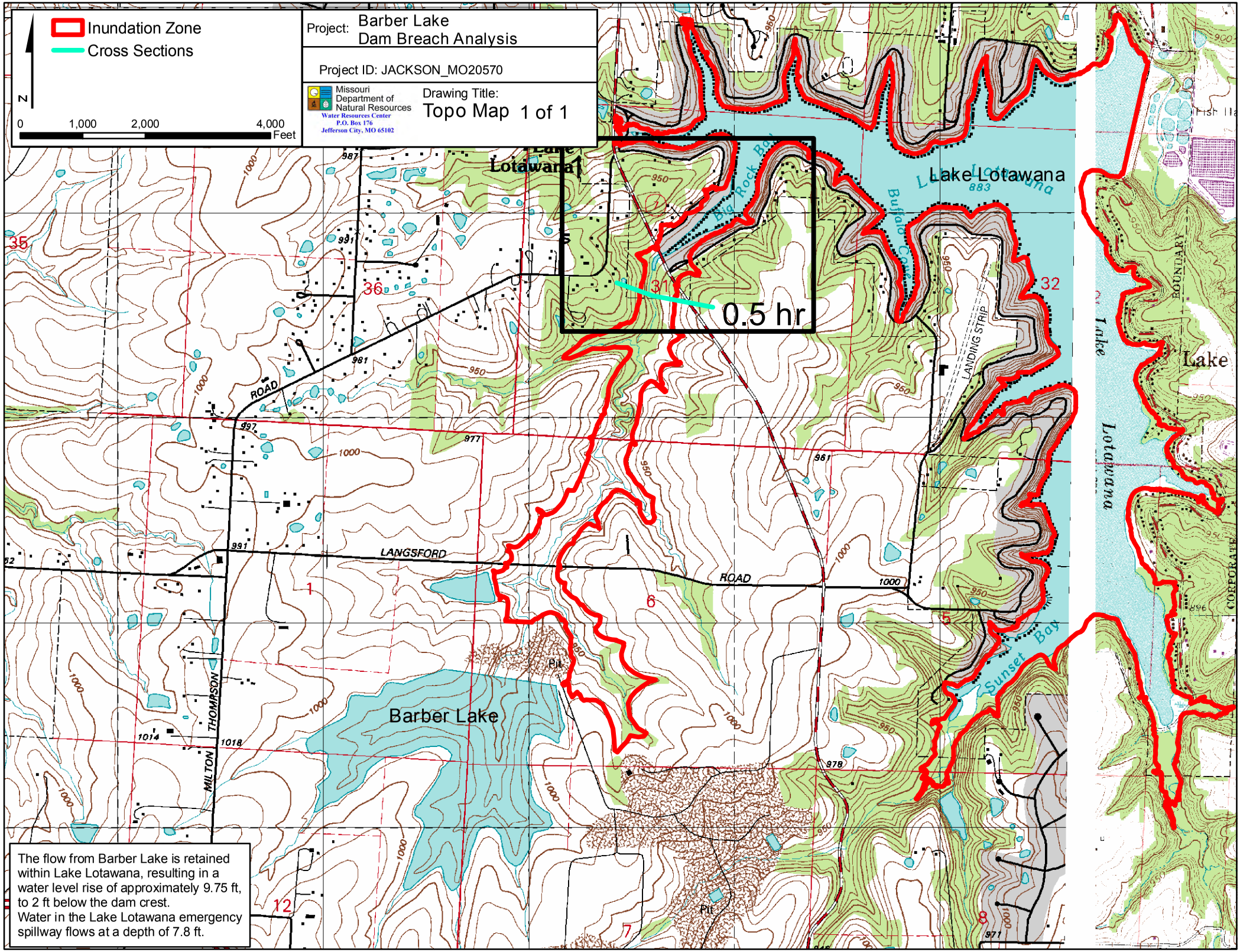
Date of Aerial Photo: August 22, 2007

Project: Barber Lake Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20570



The flow from Barber Lake is retained within Lake Lotawana, resulting in a water level rise of approximately 9.75 ft, to 2 ft below the dam crest.
Water in the Lake Lotawana emergency spillway flows at a depth of 7.8 ft.

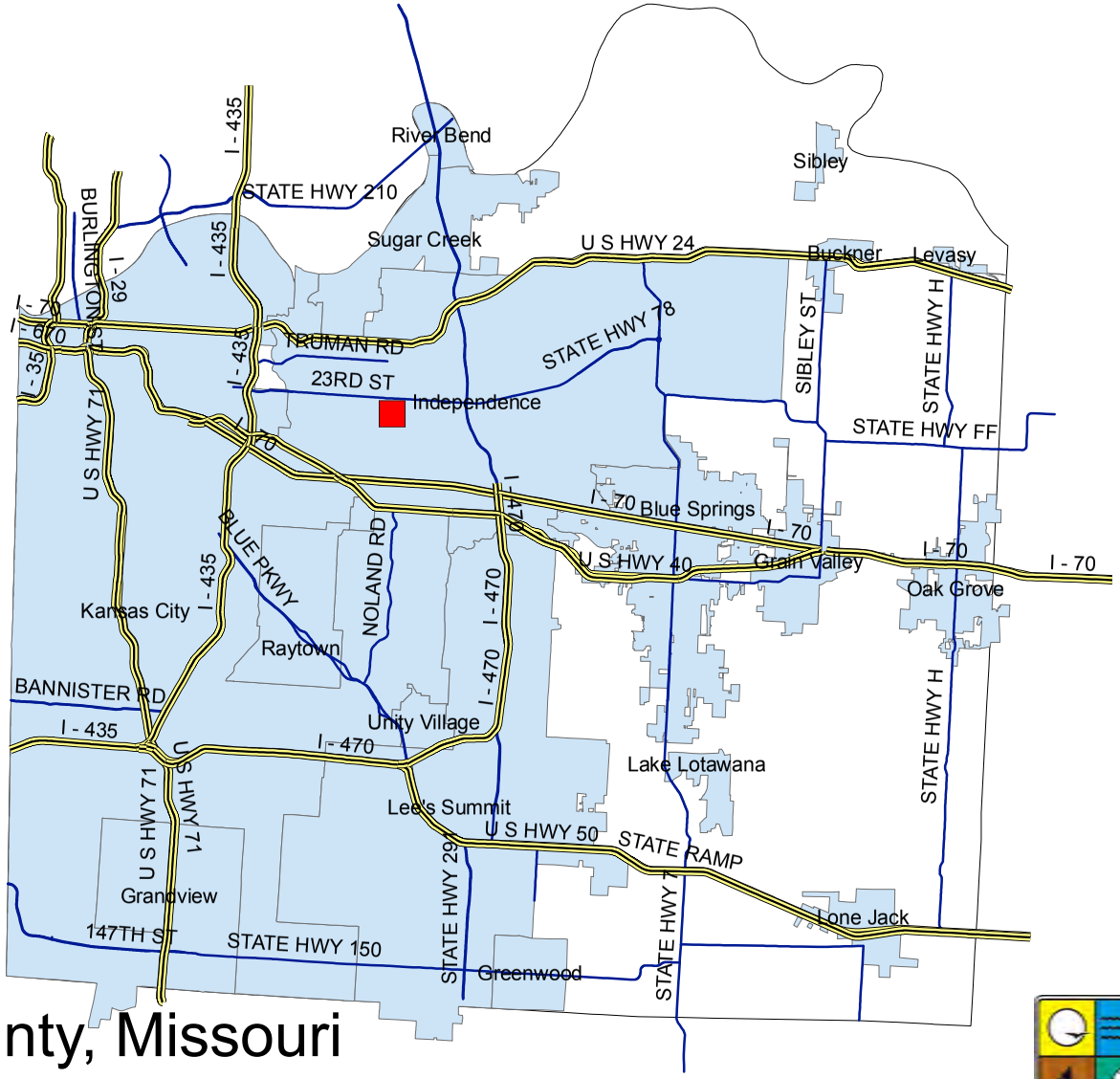

THOMPSON RD
STATE HWY 7
SHORE DR
SHORE DR
0.5 hr
Inundation Zone
Cross Sections
Roads
N
0
200
400
800
Feet
Project: Barber Lake
Dam Breach Analysis
Project ID: JACKSON_MO20570
Missouri
Department of
Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 1


Inundation Zone
Cross Sections
N
0
1,000
2,000
4,000
Feet
Project: Barber Lake Dam Breach Analysis
Project ID: JACKSON_MO20570
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map 1 of 1
Lake Lotawana
Big Rock Bay
Buffalo Creek
LANDING STRIP
BOUNDARY
Lake Lotawana
Sunset Bay
Barber Lake
LANGSFORD ROAD
MILTON THOMPSON ROAD
Pit
0.5 hr
The flow from Barber Lake is retained within Lake Lotawana, resulting in a water level rise of approximately 9.75 ft, to 2 ft below the dam crest.
Water in the Lake Lotawana emergency spillway flows at a depth of 7.8 ft.

10-30-2009

Doutt Lake Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO20803

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources

Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

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Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20803

County: JACKSON

Location: S11, T49 N, R32 W

Height of Dam: 38'

Storage Capacity (Normal Pool): 18 ac-ft

Tributary: TRIB ROCK CREEK

Lake Area: 2.74 acres

Breach Parameters (Froehlich, 2008)

Side slopes: 1.4:1

Bottom width: 16.05'

Bottom elevation: 971'

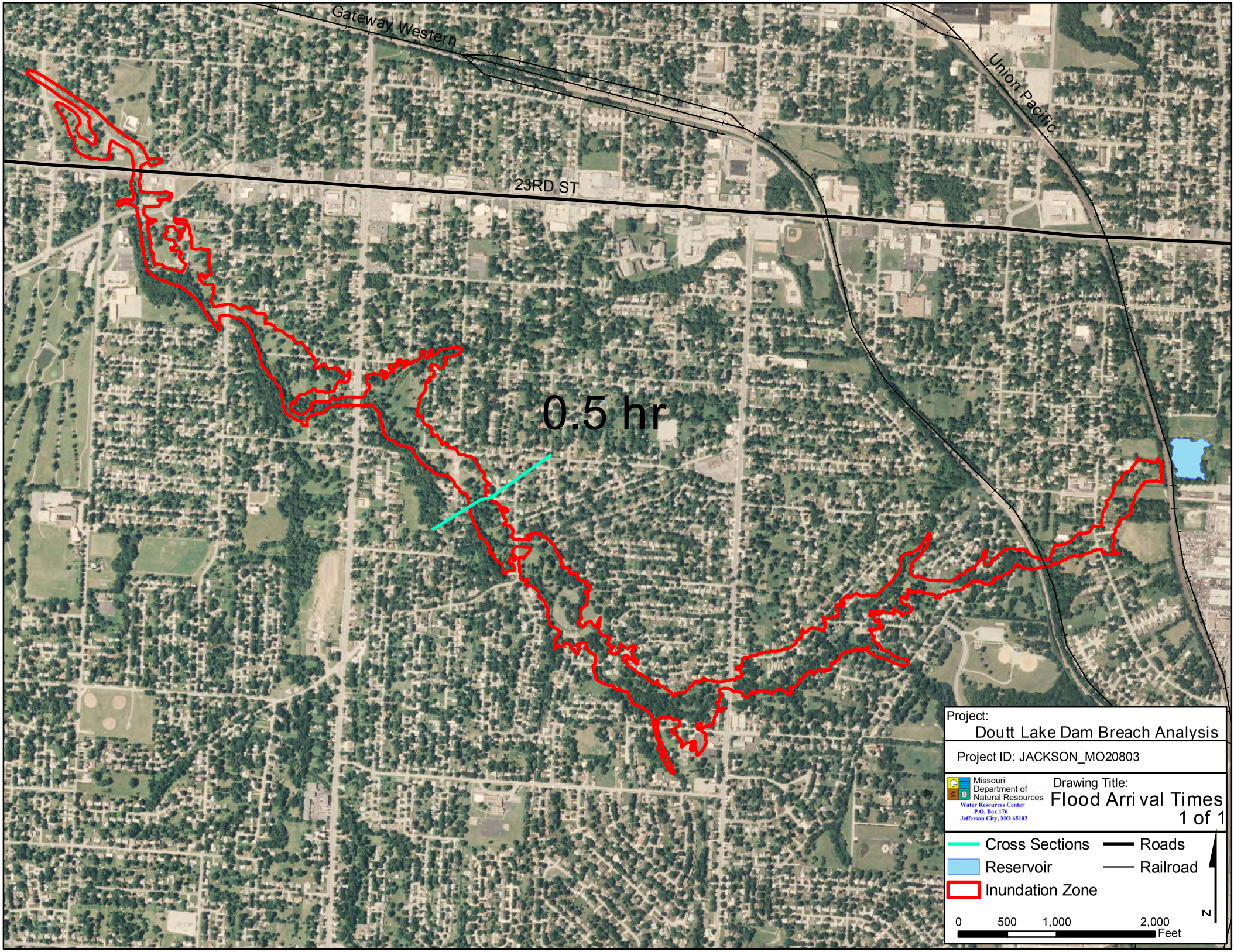
Breach formation time: 0.17 hr

Pool Elevation at Failure: 999.04'

Pool Volume at Failure: 59.7 ac-ft

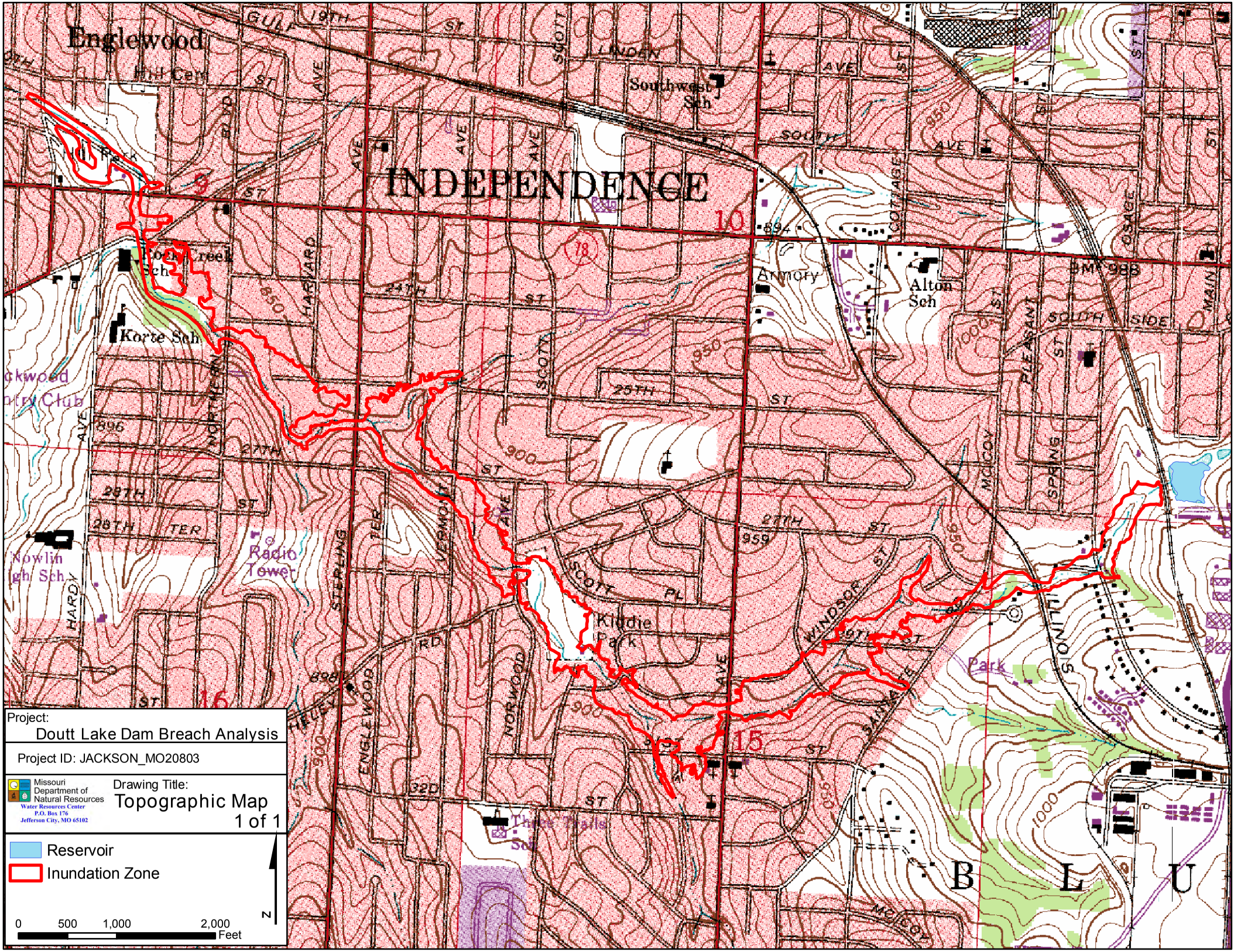
Date of Aerial Photo: August 22, 2007

Project: Doutt Lake Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20803


Gateway Western
Union Pacific
23RD ST
0.5 hr
Project:
Doutt Lake Dam Breach Analysis
Project ID: JACKSON_MO20803
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
Cross Sections
Roads
Reservoir
Railroad
Inundation Zone
N
0
500
1,000
2,000
Feet


27TH ST
26TH ST
CHARLES CT
Gateway Western
SPRING AVE
OSAGE AVE
GUDGELL AVE
Union Pacific
SHELEY RD
27TH TER
28TH ST
CRYSLER AVE
GLENDALE AVE
28TH TER
FULLER AVE
BEVERLY CIR
SCOTT PL
WINDSOR AVE
MARY ST
FOREST AVE
29TH ST
29TH TER
NORTON AVE
30TH ST
LESLIE DR
30TH TER
SANTA FE RD
31ST ST
EDWARDS CIR
BEVERLY RD
32ND ST
SHADY BEND DR
GOULD LN
OAK RIDGE DR
33RD ST
MAR-BEC TRL
MARKHAM RD
NEWBURY LN
WILLIS AVE
GRAND AVE
33RD TER
BOWEN AVE
MCCOY AVE
34TH ST
Project:
Doutt Lake Dam Breach Analysis
Project ID: JACKSON_MO20803
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 2
Reservoir
Inundation Zone
Roads
Railroad
0
300
600
1,200
Feet
N

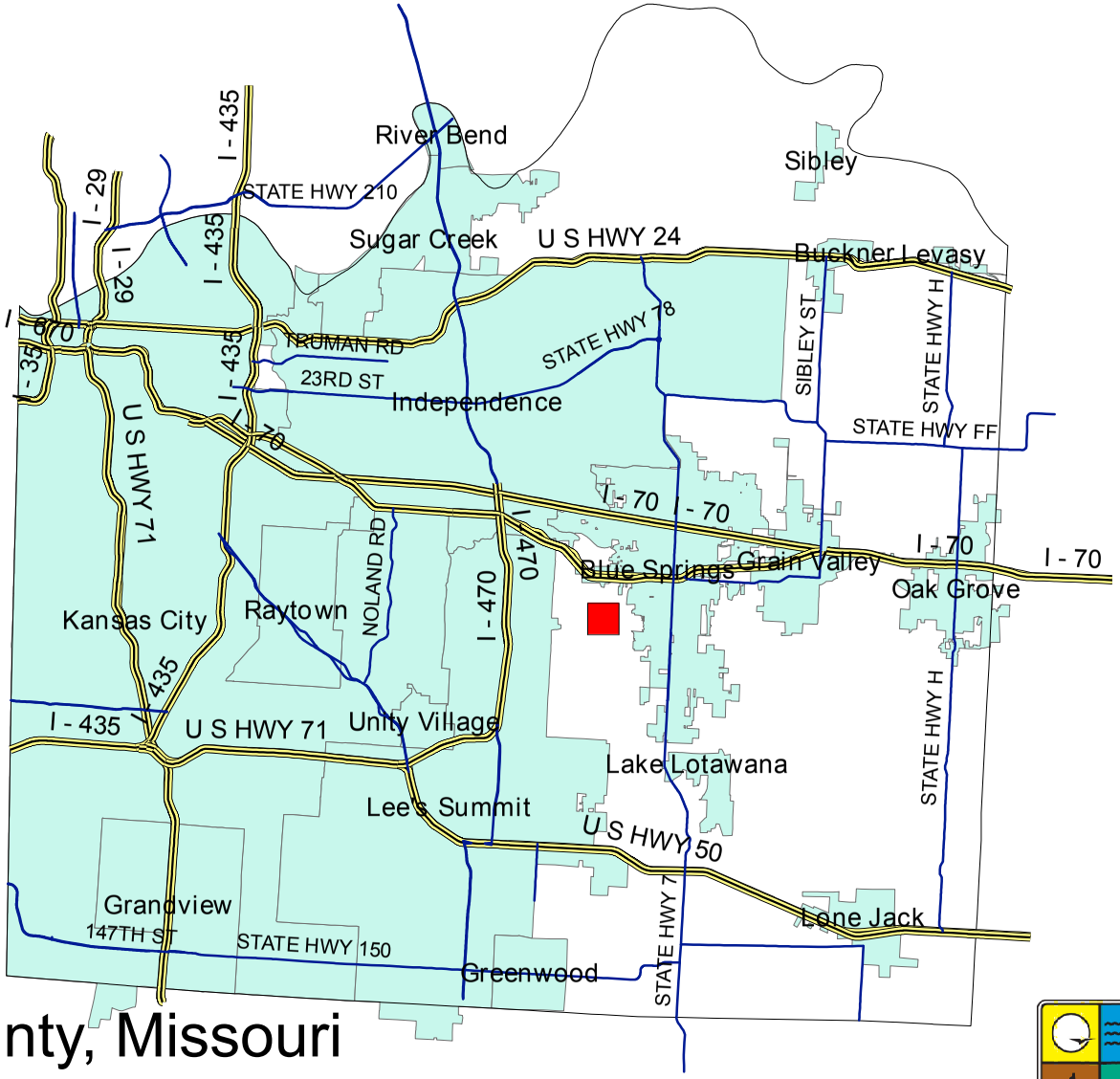

22ND ST
HOME AVE
CEDAR AVE
RALSTON AVE
HEDGES AVE
NORTHERN AVE
21ST ST
20TH TER
20TH ST
Gateway Western
Gateway Western
22ND ST
NORWOOD AVE
SCOTT AVE
NORTON AVE
23RD ST
HAWTHORNE AVE
HALL AVE
CEDAR AVE
MAYWOOD AVE
WESTPORT RD
WESTPORT RD
24TH ST
HARRIS AVE
24TH ST
HARVARD AVE
CLAREMONT AVE
ENGLEWOOD CT
VERMONT AVE
24TH ST
AYERS ST
HARDY AVE
25TH TER
25TH ST
STERLING AVE
25TH ST
FOREST AVE
26TH ST
26TH TER
RALSTON ST
27TH ST
RACE AVE
25TH TER
27TH TER
APPLETON AVE
27TH ST
SCOTT AVE
27TH ST
28TH ST
ENGLEWOOD TER
NORWOOD AVE
SHELEY RD
28TH TER
27TH TER
29TH ST
28TH TER
29TH ST
SHELEY RD
Project:
Doutt Lake Dam Breach Analysis
Project ID: JACKSON_MO20803
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 2
Inundation Zone
Roads
Railroad
0 300 600 1,200 Feet
N


Project:
Doutt Lake Dam Breach Analysis
Project ID: JACKSON_MO20803
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topographic Map
1 of 1
Reservoir
Inundation Zone
0
500
1,000
2,000
Feet
N
Englewood
INDEPENDENCE
Southwest Sch
Armory
Alton Sch
Korte Sch
Radio Tower
Kiddie Park
Park
Nowlin
Three Trails
B L U
GULF
19TH
LINDEN
SOUTH
AVE
ST
SCOTT
HARVARD
NORTHERN
24TH
25TH
26TH
27TH
28TH
TER
HARDY
STERLING
VERMONT
ENGLEWOOD
NORWOOD
WINDSOR
PL
RD
32D
COTTAGE
OSAGE
PLEASANT
SPRING
MCCOY
ILLINOIS
SIDE
MAIN
BM 988
894
896
898
900
950
959
1000
10
9
15
16
78

12/9/09

Lake Jacomo Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO10045

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

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The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_10045

County: JACKSON

Location: S11, T48 N, R31 W

Height of Dam: 74'

Storage Capacity (Normal Pool): 22100 ac-ft

Tributary: East Fork Little Blue River

Lake Area: 1221 acres

Pool Elevation at Failure: 847.54'

Pool Volume at Failure: 37595 ac-ft

Date of Aerial Photo: August 22, 2007

Explanation of Results

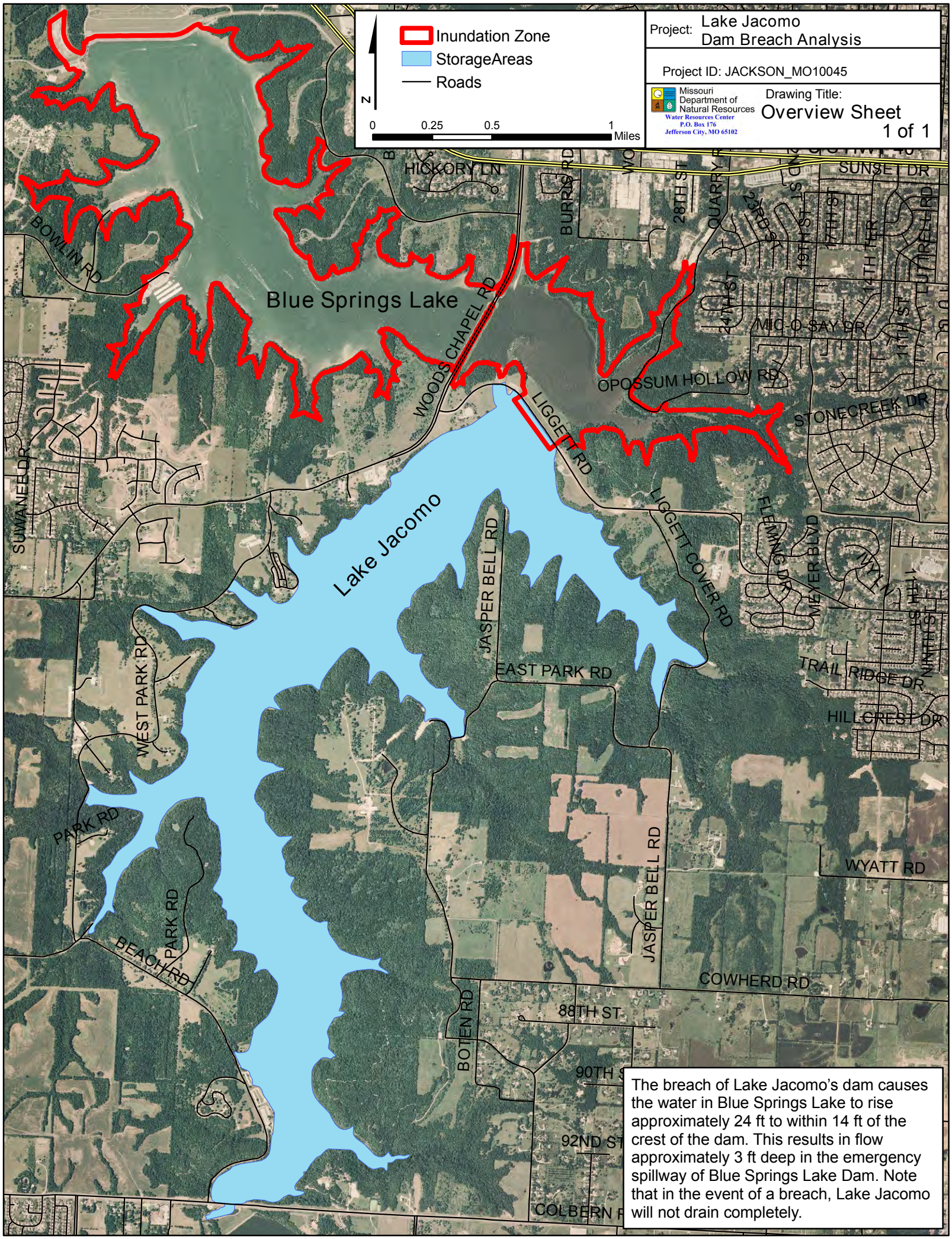
The breach of Lake Jacomo's dam causes the water in Blue Springs Lake to rise approximately 24 ft to within 14 ft of the crest of the dam. This results in flow approximately 3 ft deep in the emergency spillway of Blue Springs Lake Dam. These results were calculated by distributing the total volume in Lake Jacomo between Blue Springs Lake and Lake Jacomo until an equilibrium elevation was found. This elevation, 826.3 ft, is denoted by the red Inundation Zone line. The calculations do not account for the effects of the constriction of flow caused by the Woods Chapel Rd causeway. Thus the maximum elevation reached by Blue Springs Lake upstream of the causeway will likely be higher than displayed. Note that in the event of a breach, Lake Jacomo will not drain completely.

Project: Lake Jacomo Dam Breach Analysis

Drawing Title: Explanation Sheet 1 of 1

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Project ID: JACKSON_MO10045



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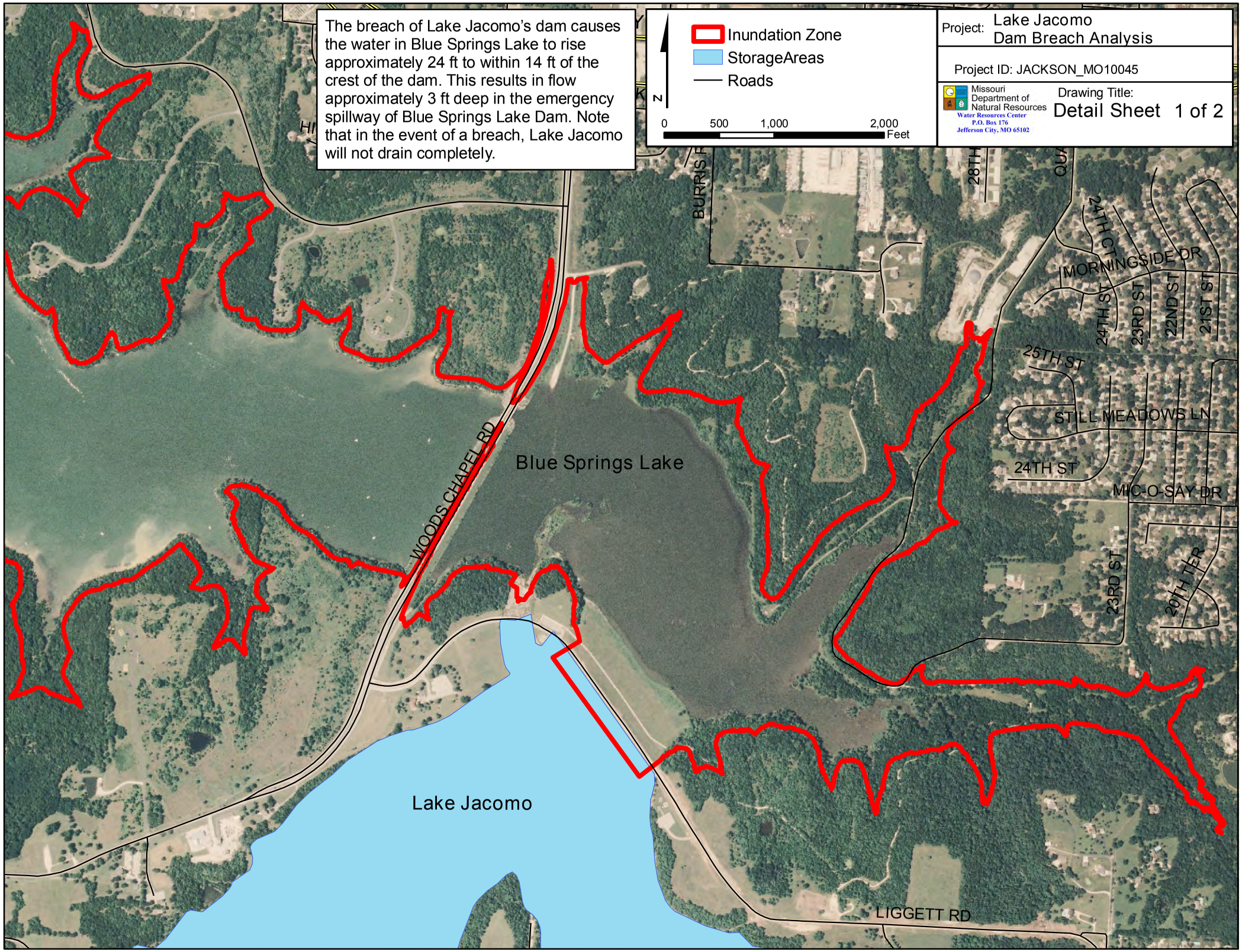
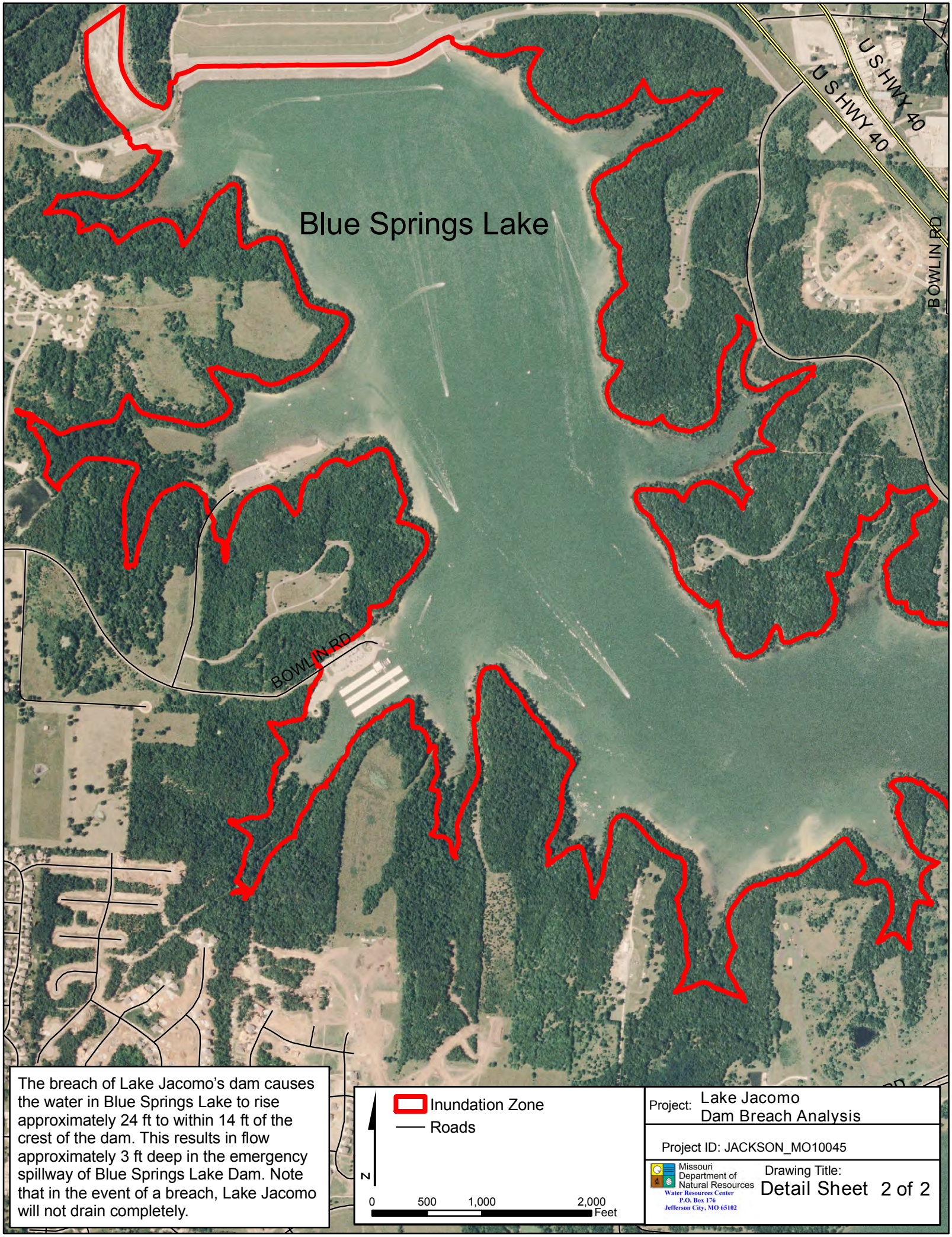

The breach of Lake Jacomo's dam causes the water in Blue Springs Lake to rise approximately 24 ft to within 14 ft of the crest of the dam. This results in flow approximately 3 ft deep in the emergency spillway of Blue Springs Lake Dam. Note that in the event of a breach, Lake Jacomo will not drain completely.
Inundation Zone
StorageAreas
Roads
N
0
500
1,000
2,000
Feet
Project: Lake Jacomo Dam Breach Analysis
Project ID: JACKSON_MO10045
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 2
Blue Springs Lake
Lake Jacomo
WOODS CHAPEL RD
BURRIS R
28TH
24TH CT
MORNINGSIDE DR
24TH ST
23RD ST
22ND ST
21ST ST
25TH ST
STILL MEADOWS LN
24TH ST
MIC-O-SAY DR
23RD ST
20TH TER
LIGGETT RD



The breach of Lake Jacomo's dam causes the water in Blue Springs Lake to rise approximately 24 ft to within 14 ft of the crest of the dam. This results in flow approximately 3 ft deep in the emergency spillway of Blue Springs Lake Dam. Note that in the event of a breach, Lake Jacomo will not drain completely.

Project: Lake Jacomo Dam Breach Analysis

Project ID: JACKSON_MO10045

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Drawing Title: Detail Sheet 2 of 2

The breach of Lake Jacomo's dam causes the water in Blue Springs Lake to rise approximately 24 ft to within 14 ft of the crest of the dam. This results in flow approximately 3 ft deep in the emergency spillway of Blue Springs Lake Dam. Note that in the event of a breach, Lake Jacomo will not drain completely.

Inundation Zone

N

0 500 1,000 2,000 Feet

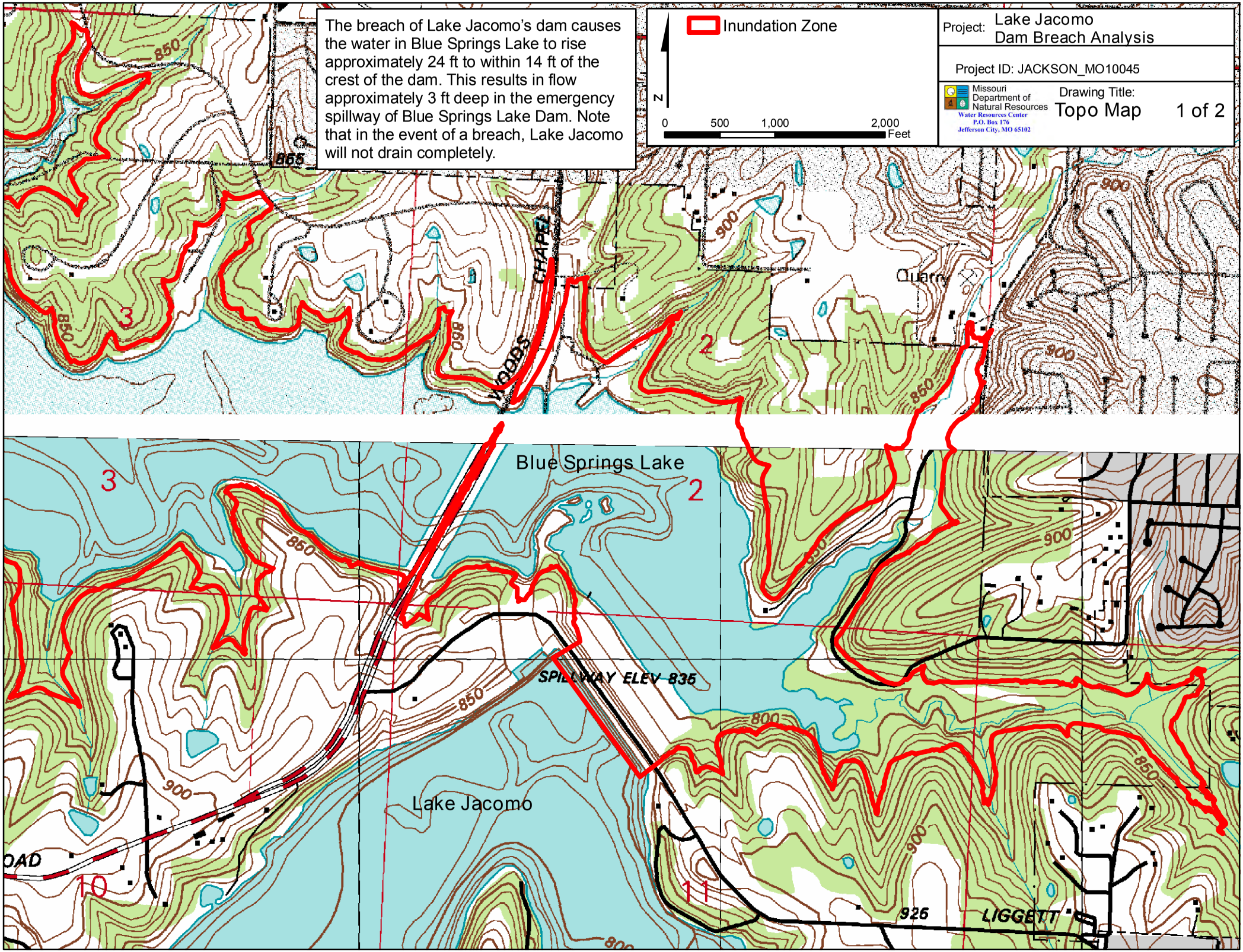
Project: Lake Jacomo Dam Breach Analysis

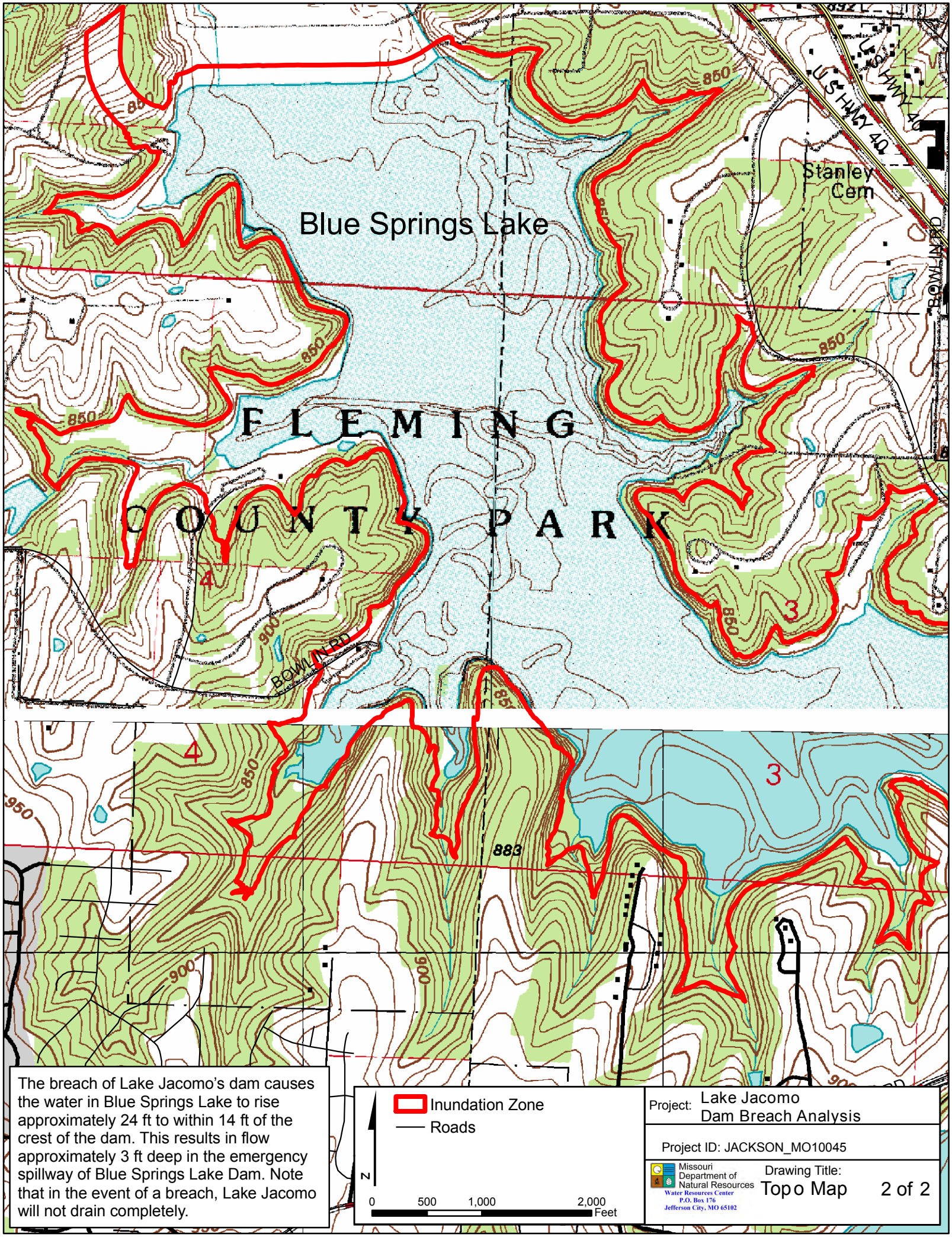
Project ID: JACKSON_MO10045

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Drawing Title: Topo Map

1 of 2

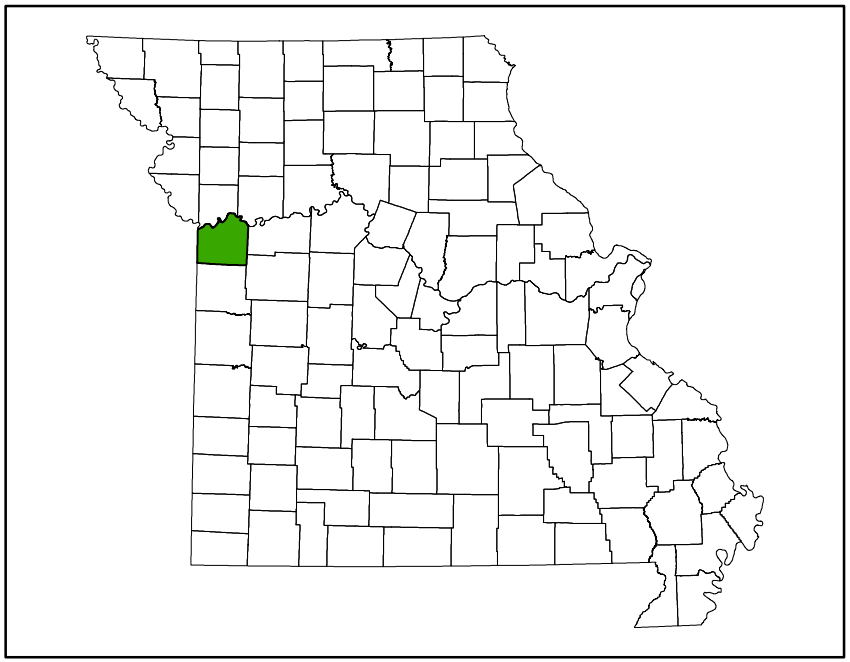


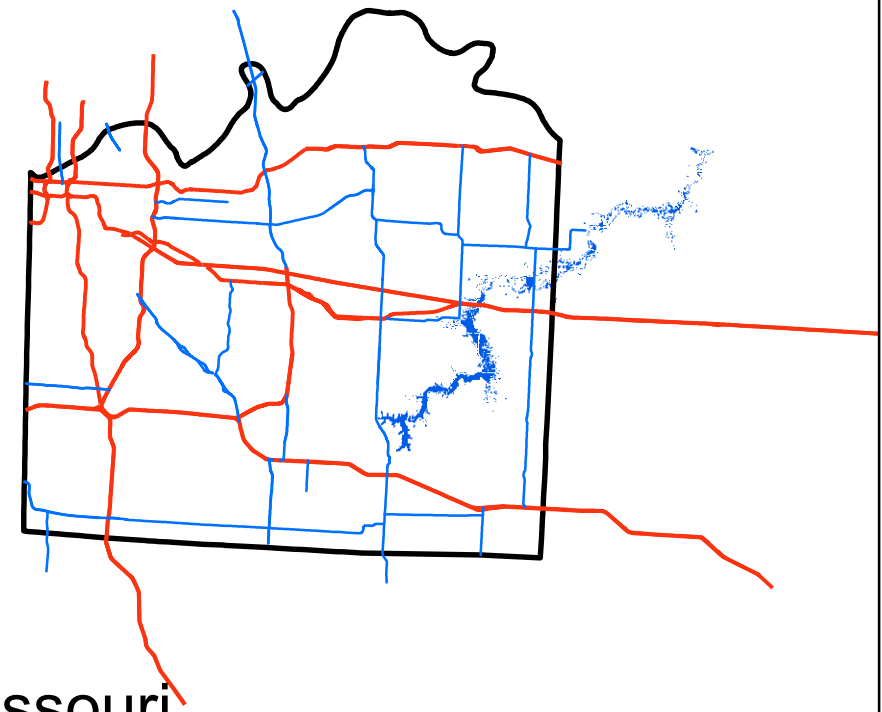


The breach of Lake Jacomo's dam causes the water in Blue Springs Lake to rise approximately 24 ft to within 14 ft of the crest of the dam. This results in flow approximately 3 ft deep in the emergency spillway of Blue Springs Lake Dam. Note that in the event of a breach, Lake Jacomo will not drain completely.

Lake Lotawana Dam

Breach Inundation Map





Jackson County, Missouri
Jackson_MO20040

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develop the inundation area, the map should only be used for evacuation and emergency purposes

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Inundation- Water level at least 2' above the original ground surface.

Distance from Dam- The distance measured in miles from the crest of dam.

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Peak Elevation- The estimated maximum water surface elevation reached based on the assumed conditions.

Max Depth- The distance between the maximum water surface and the lowest ground point in a cross section.

Breach Initiation- The recorded time at which the structure begins to erode.

Arrival Time- Elapsed Time between the breach initiation and the time that high water levels reach a point downstream.

Flow initiation- Required amount of baseflow added to the stream during the analysis to increase the stability of the hydraulic model.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Project: Lake Lotawana Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20040

Fact Sheet: Lake Lotawana Dam

ID: MO_20040

County: Jackson

Location: S32, T48 N, R30 W

Height of Dam: 53.4'

Storage Capacity (Normal Pool): 7,853 ac-ft

Tributary: WEST FORK SNI-A-BAR CREEK

Lake Area: 489.8 acres

Date of Aerial Photo: August 18, 2009

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 217.29'

Bottom elevation: 839.5'

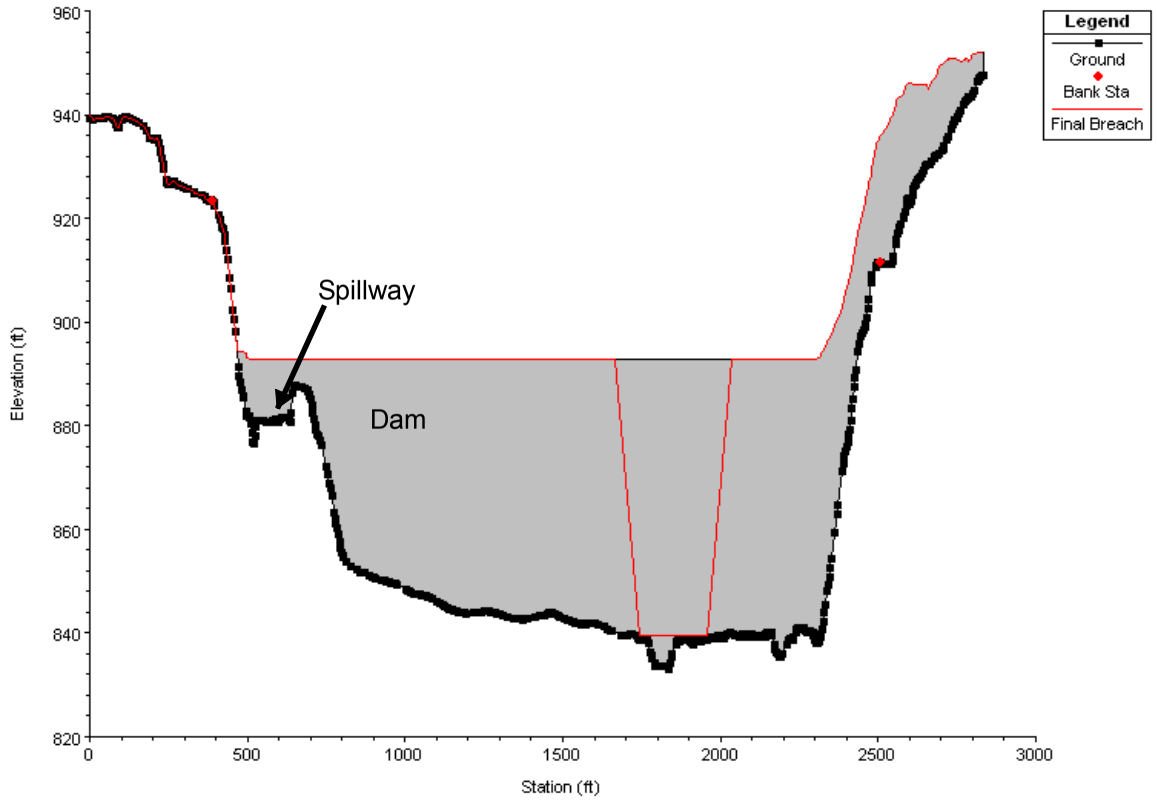
Breach formation time: 1.42 hr

Pool Elevation at Failure: 892.9'

Pool Volume at Failure: 14,123 ac-ft

Breach Plan

Jackson_MO20040 Plan: p5

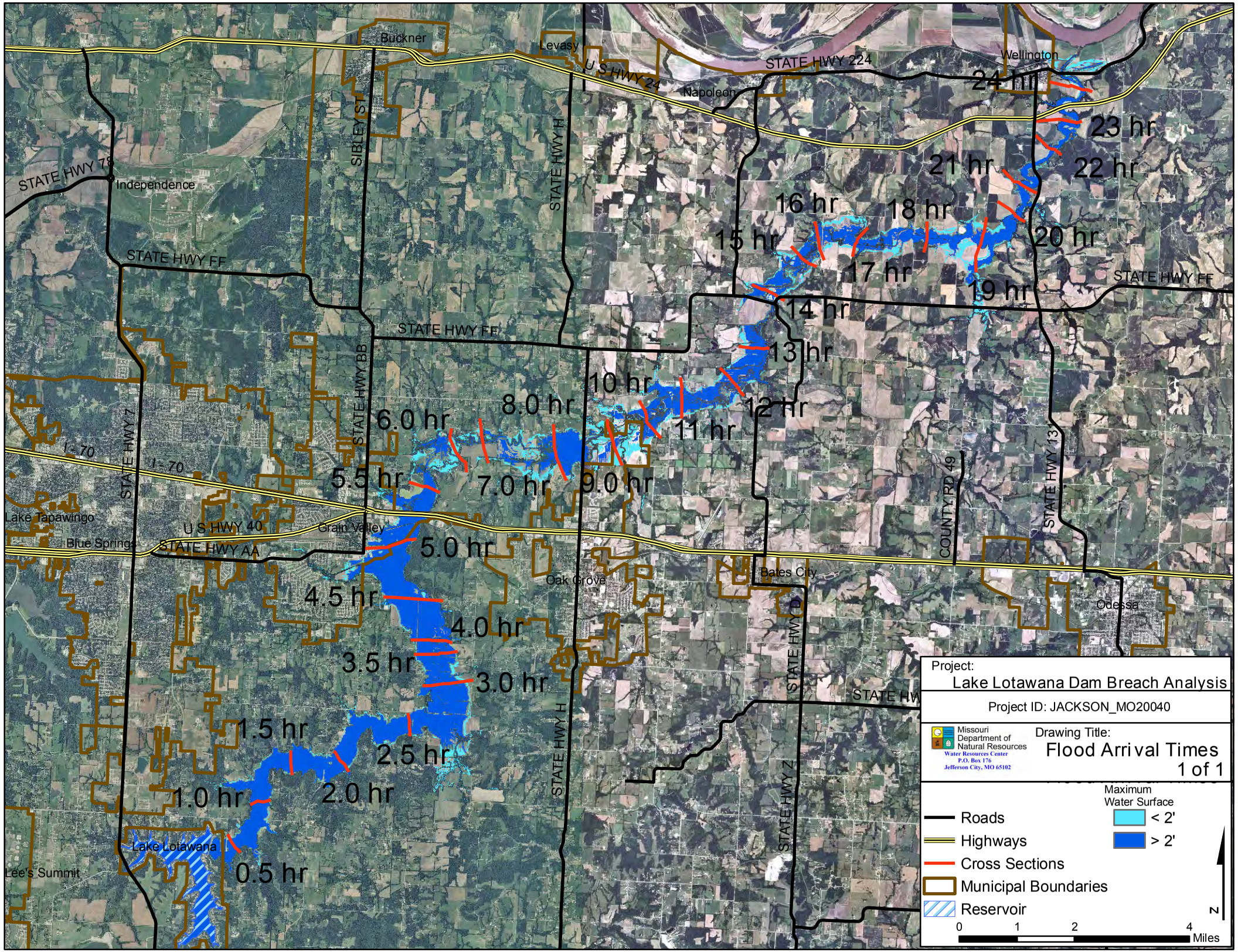


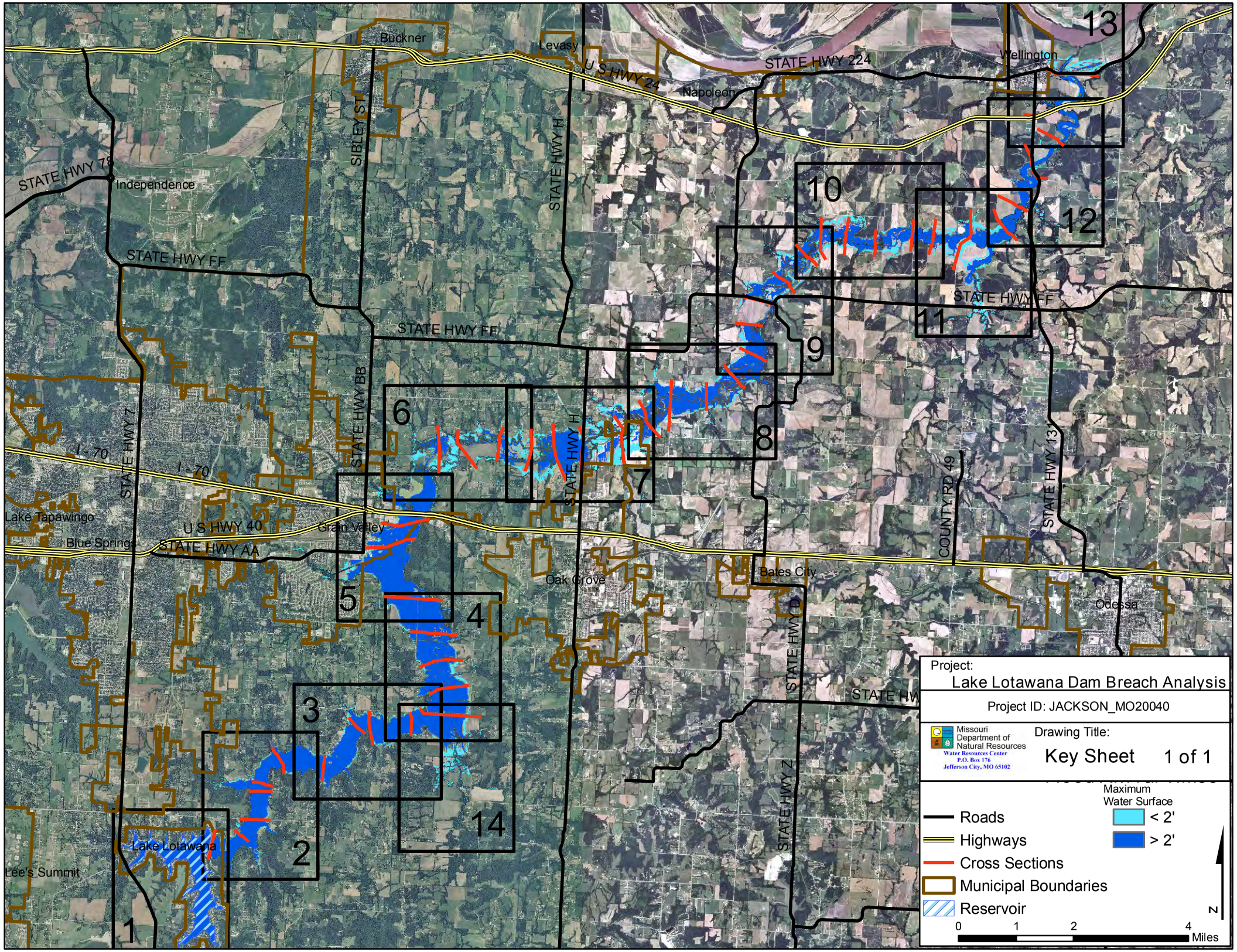
Project:
Lake Lotawana Dam Breach Analysis

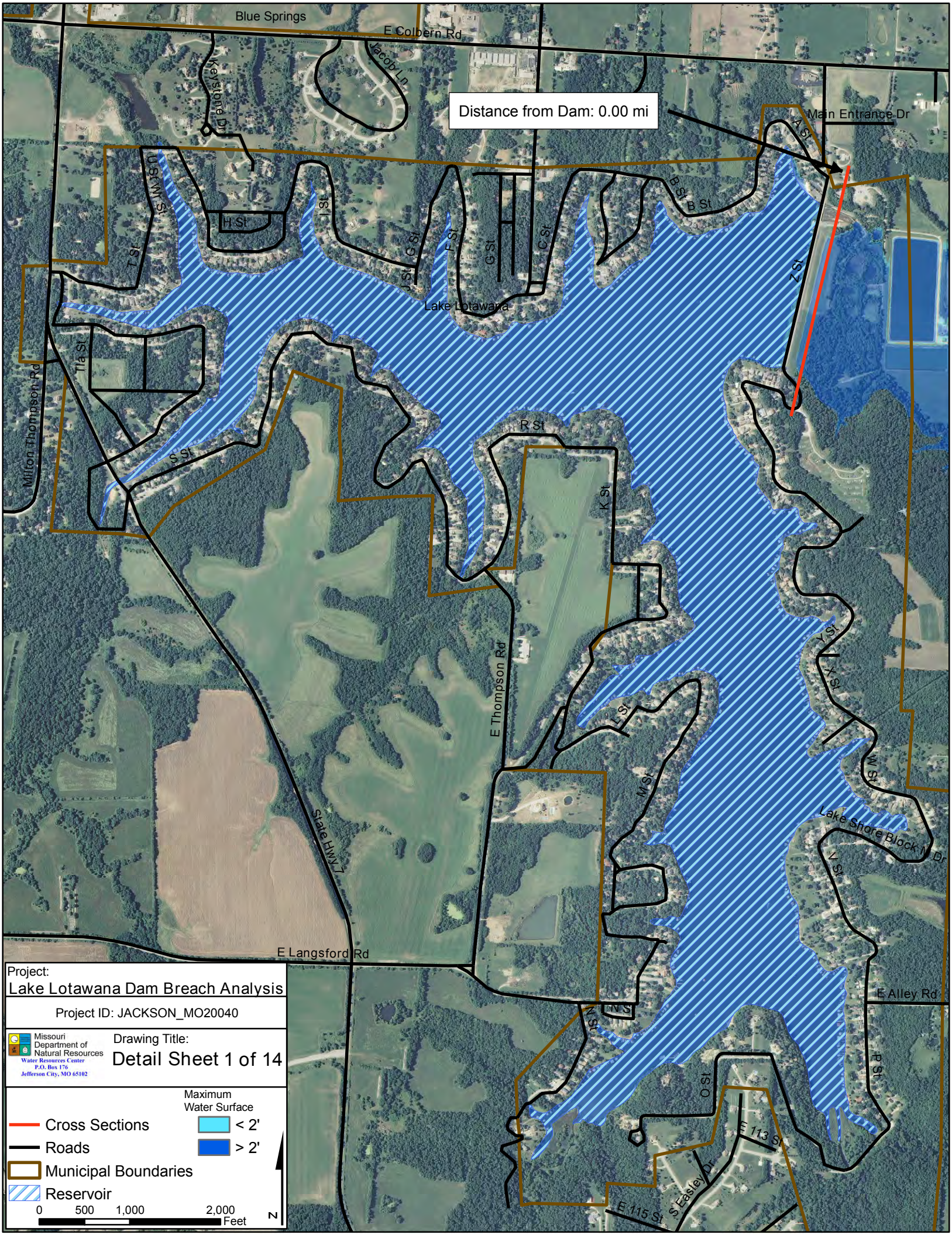
Drawing Title: Fact Sheet 1 of 1

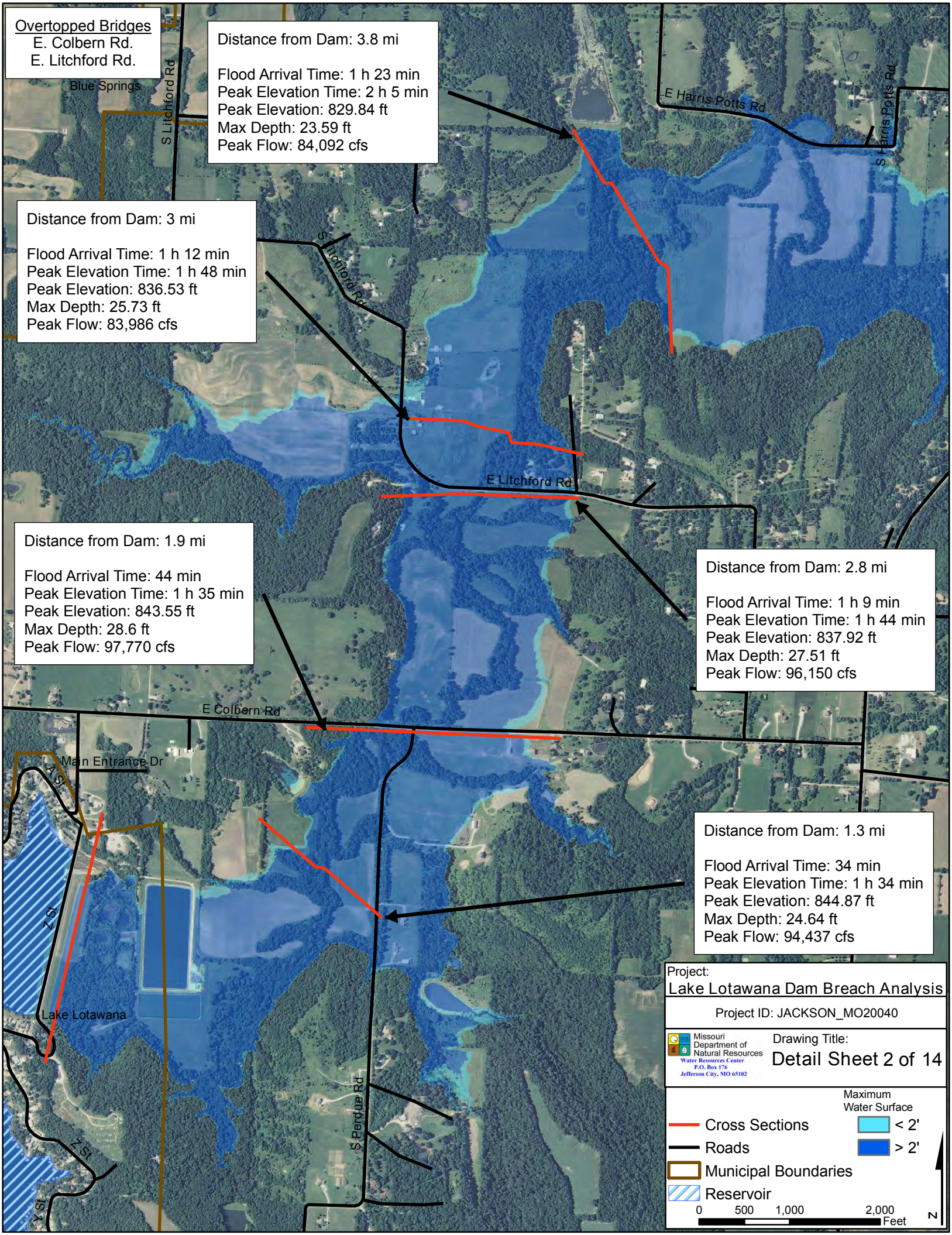
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

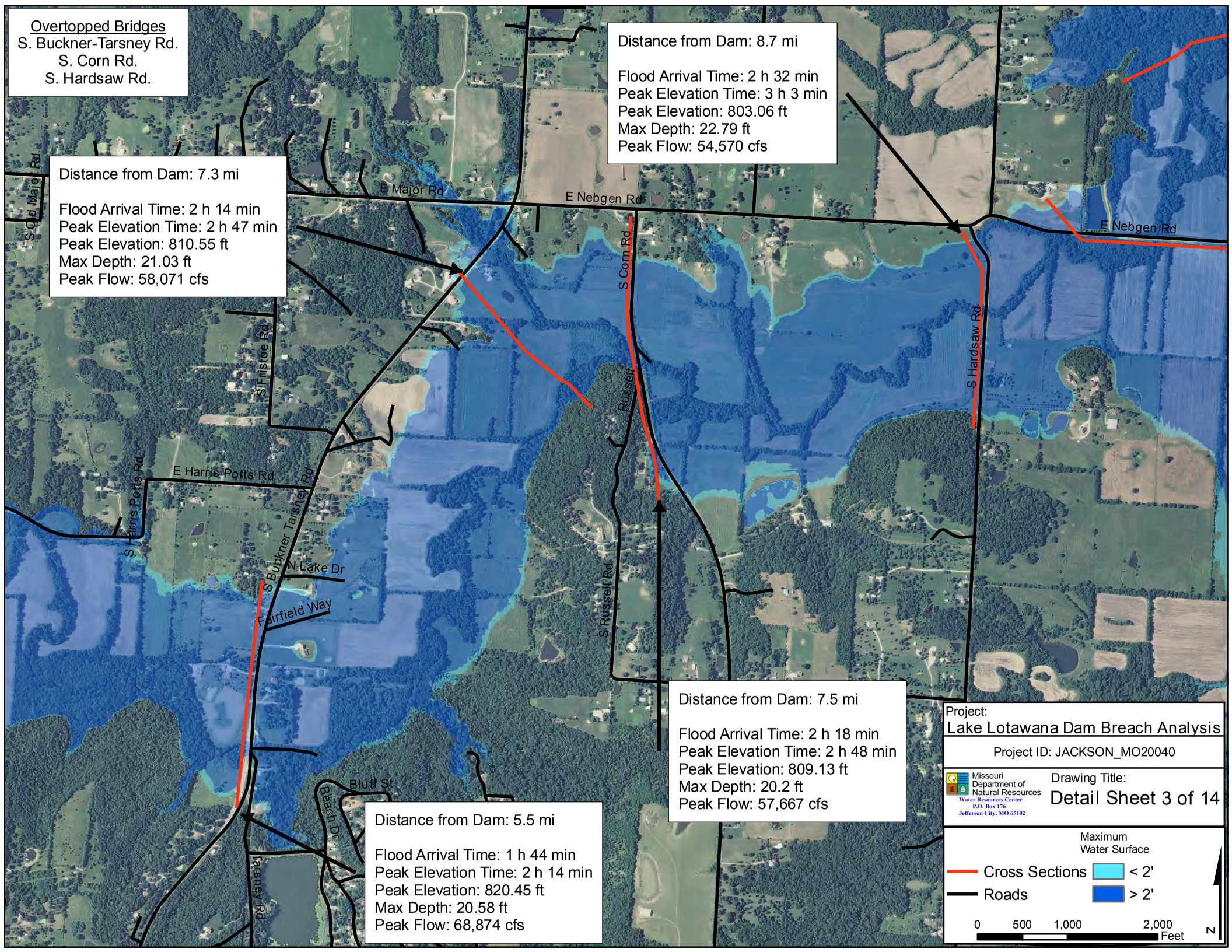
Project ID: Jackson_MO20040

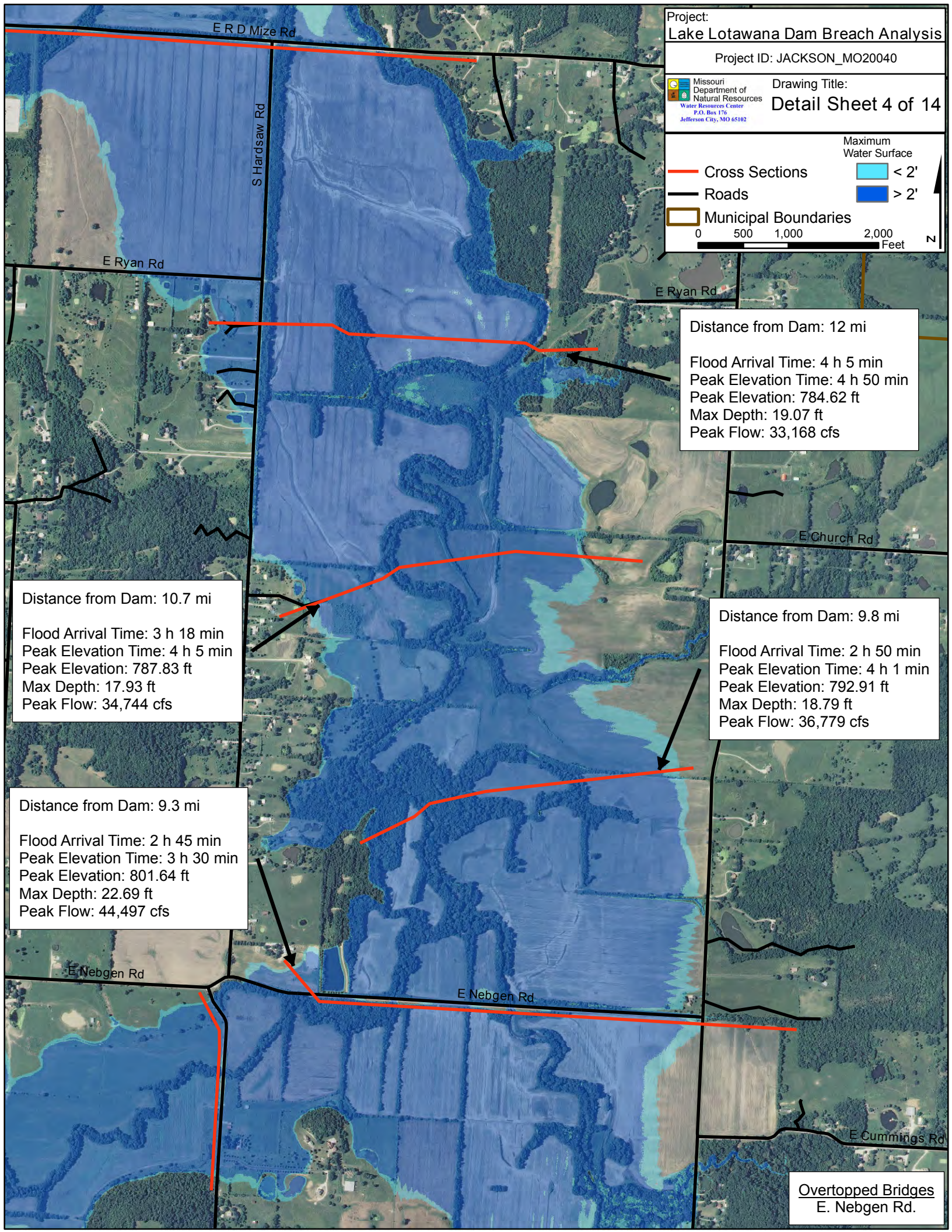

Buckner
Levasy
U S HWY 24
STATE HWY 224
Napoleon
Wellington
STATE HWY 78
Independence
SIBLEY ST
STATE HWY H
STATE HWY FF
STATE HWY BB
STATE HWY 7
I-70
Lake Tapawingo
Blue Springs
U S HWY 40
STATE HWY AA
Grain Valley
Oak Grove
Bates City
COUNTY RD 49
STATE HWY 13
Odessa
STATE HWY D
STATE HWY Z
Lake Lotawana
Lee's Summit
24 hr
23 hr
22 hr
21 hr
20 hr
19 hr
18 hr
17 hr
16 hr
15 hr
14 hr
13 hr
12 hr
11 hr
10 hr
9.0 hr
8.0 hr
7.0 hr
6.0 hr
5.5 hr
5.0 hr
4.5 hr
4.0 hr
3.5 hr
3.0 hr
2.5 hr
2.0 hr
1.5 hr
1.0 hr
0.5 hr
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
Maximum Water Surface
< 2'
> 2'
Roads
Highways
Cross Sections
Municipal Boundaries
Reservoir
N
0 1 2 4 Miles


Buckner
Levasy
U S HWY 24
STATE HWY 224
Napoleon
Wellington
STATE HWY 78
Independence
SIBLEY ST
STATE HWY H
STATE HWY FF
STATE HWY FF
STATE HWY FF
STATE HWY BB
STATE HWY 7
I - 70
I - 70
Lake Tapawingo
Blue Springs
U S HWY 40
STATE HWY AA
Grain Valley
Oak Grove
Bates City
COUNTY RD 49
STATE HWY 13
Odessa
STATE HWY D
STATE HWY Z
Lake Lotawana
Lee's Summit
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Key Sheet
1 of 1
Maximum Water Surface
< 2'
> 2'
Roads
Highways
Cross Sections
Municipal Boundaries
Reservoir
N
0
1
2
4
Miles


Blue Springs
E Colbern Rd
Jacob Ln
Keystone Dr
Distance from Dam: 0.00 mi
Main Entrance Dr
A St
B St
B St
U St
W St
H St
I St
J St
G St
F St
G St
C St
Z St
Lake Lotawana
T St
T1a St
Milton Thompson Rd
S St
R St
K St
E Thompson Rd
Y St
X St
L St
M St
W St
Lake Shore Block N Dr
V St
State Hwy 7
E Langsford Rd
E Alley Rd
N St
N S
O St
P St
E 113 St
S Easley Dr
E 115 St
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 14
Maximum Water Surface
< 2'
> 2'
Cross Sections
Roads
Municipal Boundaries
Reservoir
0 500 1,000 2,000 Feet
N


Overtopped Bridges
E. Colbern Rd.
E. Litchford Rd.
Blue Springs
S Litchford Rd
Distance from Dam: 3.8 mi
Flood Arrival Time: 1 h 23 min
Peak Elevation Time: 2 h 5 min
Peak Elevation: 829.84 ft
Max Depth: 23.59 ft
Peak Flow: 84,092 cfs
E Harris Potts Rd
S Harris Potts Rd
Distance from Dam: 3 mi
Flood Arrival Time: 1 h 12 min
Peak Elevation Time: 1 h 48 min
Peak Elevation: 836.53 ft
Max Depth: 25.73 ft
Peak Flow: 83,986 cfs
S Litchford Rd
E Litchford Rd
Distance from Dam: 1.9 mi
Flood Arrival Time: 44 min
Peak Elevation Time: 1 h 35 min
Peak Elevation: 843.55 ft
Max Depth: 28.6 ft
Peak Flow: 97,770 cfs
Distance from Dam: 2.8 mi
Flood Arrival Time: 1 h 9 min
Peak Elevation Time: 1 h 44 min
Peak Elevation: 837.92 ft
Max Depth: 27.51 ft
Peak Flow: 96,150 cfs
E Colbern Rd
Main Entrance Dr
A St
Distance from Dam: 1.3 mi
Flood Arrival Time: 34 min
Peak Elevation Time: 1 h 34 min
Peak Elevation: 844.87 ft
Max Depth: 24.64 ft
Peak Flow: 94,437 cfs
S Z
Lake Lotawana
Z St
Y St
S Perdue Rd
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 14
Maximum Water Surface
Cross Sections
Roads
Municipal Boundaries
Reservoir
< 2'
> 2'
0
500
1,000
2,000
Feet
N


Overtopped Bridges
S. Buckner-Tarsney Rd.
S. Corn Rd.
S. Hardsaw Rd.
Distance from Dam: 8.7 mi
Flood Arrival Time: 2 h 32 min
Peak Elevation Time: 3 h 3 min
Peak Elevation: 803.06 ft
Max Depth: 22.79 ft
Peak Flow: 54,570 cfs
Distance from Dam: 7.3 mi
Flood Arrival Time: 2 h 14 min
Peak Elevation Time: 2 h 47 min
Peak Elevation: 810.55 ft
Max Depth: 21.03 ft
Peak Flow: 58,071 cfs
Distance from Dam: 7.5 mi
Flood Arrival Time: 2 h 18 min
Peak Elevation Time: 2 h 48 min
Peak Elevation: 809.13 ft
Max Depth: 20.2 ft
Peak Flow: 57,667 cfs
Distance from Dam: 5.5 mi
Flood Arrival Time: 1 h 44 min
Peak Elevation Time: 2 h 14 min
Peak Elevation: 820.45 ft
Max Depth: 20.58 ft
Peak Flow: 68,874 cfs
S Old Maid Rd
E Major Rd
E Nebgen Rd
S Corn Rd
S Hardsaw Rd
S Fristoe Rd
Russell
E Harris Potts Rd
S Harris Potts Rd
S Buckner Tarsney Rd
N Lake Dr
Fairfield Way
S Russell Rd
Bluff St
Beach Dr
Tarsney Rd
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 14
Maximum Water Surface
Cross Sections
Roads
< 2'
> 2'
0 500 1,000 2,000 Feet
N


Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 4 of 14
Maximum Water Surface
Cross Sections
Roads
Municipal Boundaries
< 2'
> 2'
0 500 1,000 2,000 Feet
N
E R D Mize Rd
S Hardsaw Rd
E Ryan Rd
E Ryan Rd
E Church Rd
E Nebgen Rd
E Nebgen Rd
E Cummings Rd
Distance from Dam: 12 mi
Flood Arrival Time: 4 h 5 min
Peak Elevation Time: 4 h 50 min
Peak Elevation: 784.62 ft
Max Depth: 19.07 ft
Peak Flow: 33,168 cfs
Distance from Dam: 10.7 mi
Flood Arrival Time: 3 h 18 min
Peak Elevation Time: 4 h 5 min
Peak Elevation: 787.83 ft
Max Depth: 17.93 ft
Peak Flow: 34,744 cfs
Distance from Dam: 9.8 mi
Flood Arrival Time: 2 h 50 min
Peak Elevation Time: 4 h 1 min
Peak Elevation: 792.91 ft
Max Depth: 18.79 ft
Peak Flow: 36,779 cfs
Distance from Dam: 9.3 mi
Flood Arrival Time: 2 h 45 min
Peak Elevation Time: 3 h 30 min
Peak Elevation: 801.64 ft
Max Depth: 22.69 ft
Peak Flow: 44,497 cfs
Overtopped Bridges
E. Nebgen Rd.

Project:
Lake Lotawana Dam Breach Analysis

Project ID: JACKSON_MO20040

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Drawing Title:
Detail Sheet 5 of 14

Maximum Water Surface

Cross Sections
Roads
Municipal Boundaries
< 2'
> 2'

0 500 1,000 2,000 Feet

N

Distance from Dam: 15 mi

Flood Arrival Time: 5 h 12 min
Peak Elevation Time: 11 h 27
Peak Elevation: 773.63 ft
Max Depth: 16.82 ft
Peak Flow: 9,879 cfs

Distance from Dam: 14.9 mi

Flood Arrival Time: 5 h 9 min
Peak Elevation Time: 11 h 14 min
Peak Elevation: 778.1 ft
Max Depth: 21.27 ft
Peak Flow: 9,892 cfs

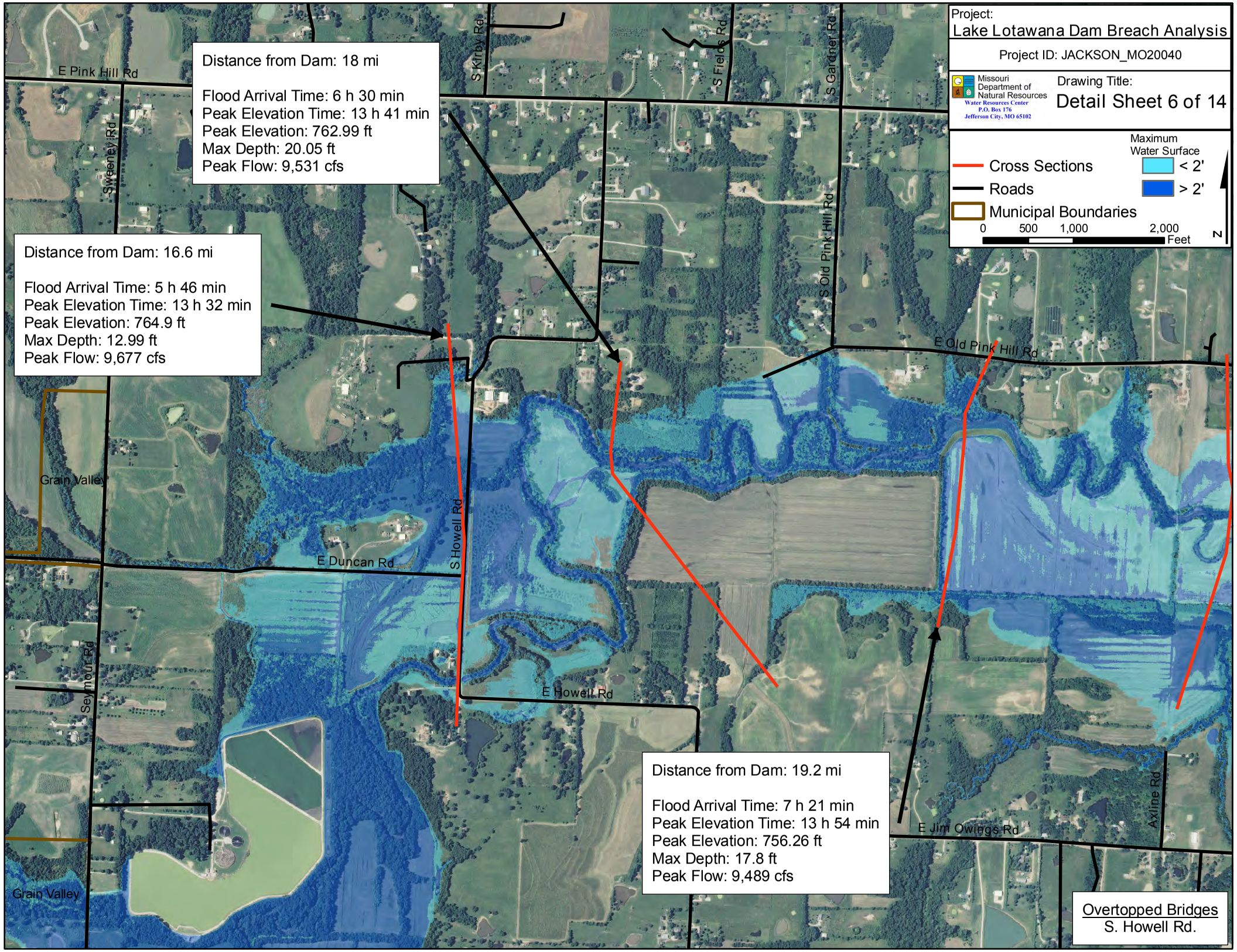
Distance from Dam: 14.4 mi

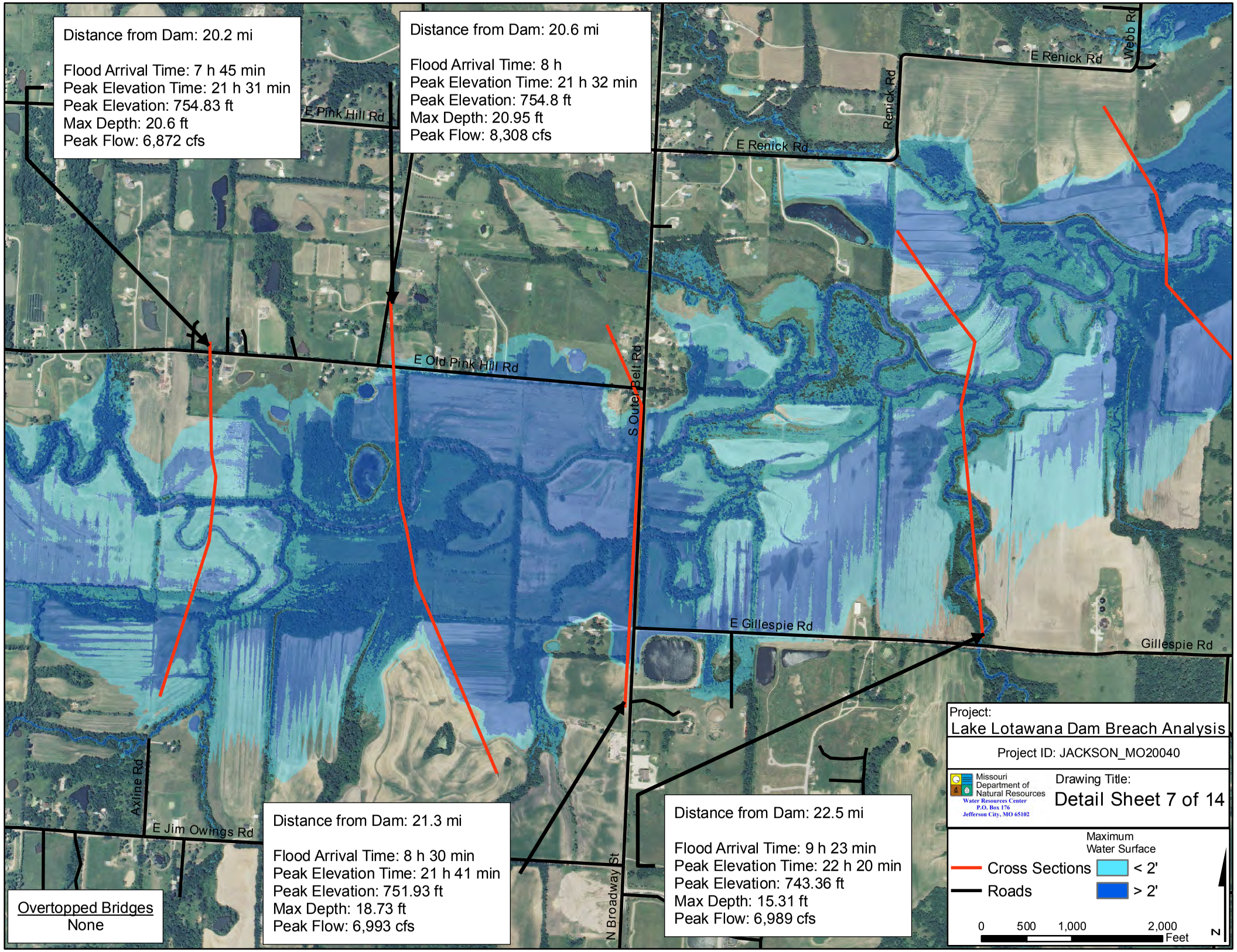
Flood Arrival Time: 5 h
Peak Elevation Time: 9 h 39 min
Peak Elevation: 780.35 ft
Max Depth: 21.16 ft
Peak Flow: 12,112 cfs

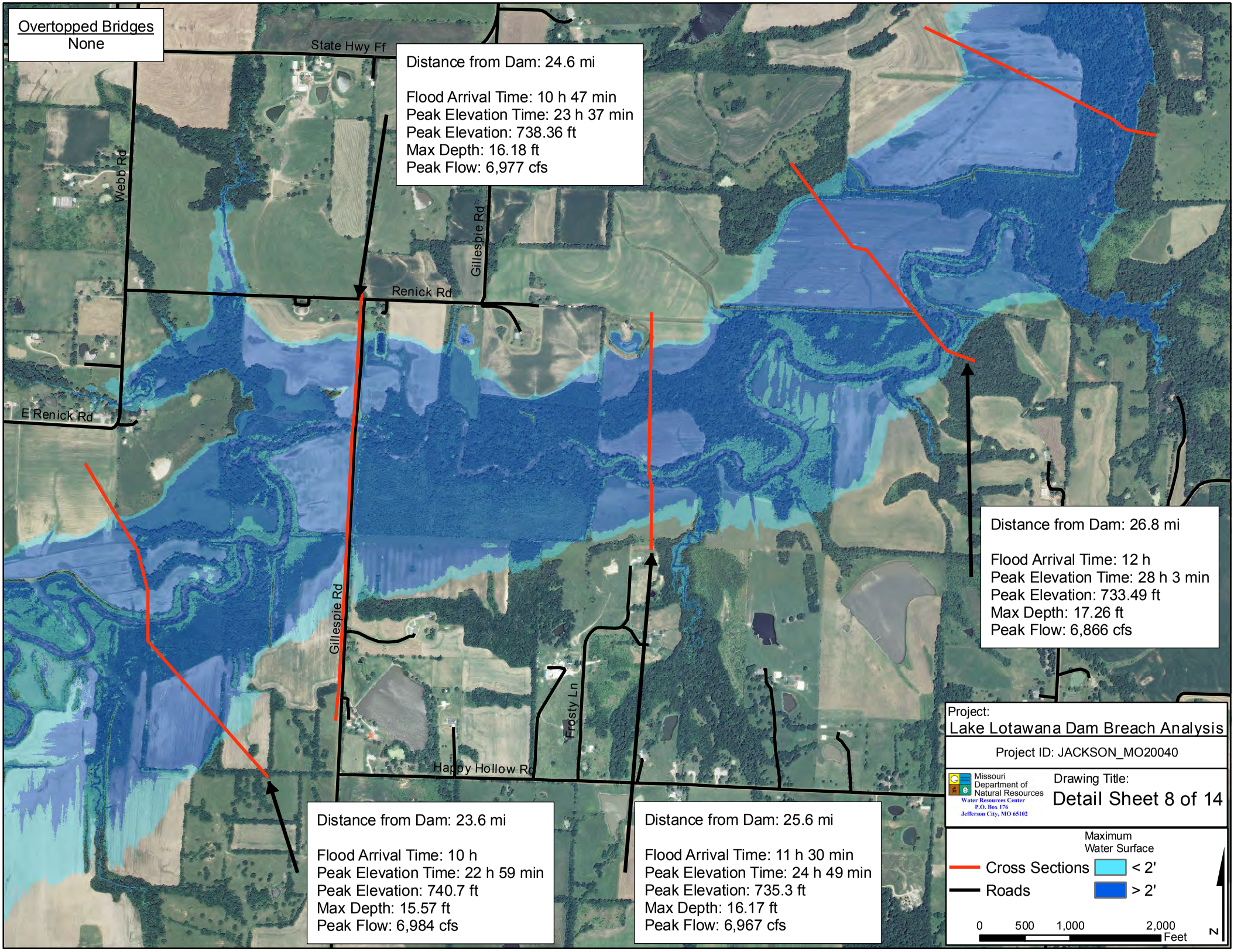
Distance from Dam: 12.9 mi

Flood Arrival Time: 4 h 33 min
Peak Elevation Time: 5 h 13 min
Peak Elevation: 783.52 ft
Max Depth: 18.37 ft
Peak Flow: 22,931 cfs

Overtopped Bridges
E R D Mize Rd.
Old US Hwy 40


Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 6 of 14
Cross Sections
Roads
Municipal Boundaries
Maximum Water Surface
< 2'
> 2'
0 500 1,000 2,000 Feet
N
Distance from Dam: 18 mi
Flood Arrival Time: 6 h 30 min
Peak Elevation Time: 13 h 41 min
Peak Elevation: 762.99 ft
Max Depth: 20.05 ft
Peak Flow: 9,531 cfs
Distance from Dam: 16.6 mi
Flood Arrival Time: 5 h 46 min
Peak Elevation Time: 13 h 32 min
Peak Elevation: 764.9 ft
Max Depth: 12.99 ft
Peak Flow: 9,677 cfs
Distance from Dam: 19.2 mi
Flood Arrival Time: 7 h 21 min
Peak Elevation Time: 13 h 54 min
Peak Elevation: 756.26 ft
Max Depth: 17.8 ft
Peak Flow: 9,489 cfs
Overtopped Bridges
S. Howell Rd.
E Pink Hill Rd
S Kirby Rd
S Fields Rd
S Gardner Rd
Sweeney Rd
S Old Pink Hill Rd
E Old Pink Hill Rd
Grain Valley
S Howell Rd
E Duncan Rd
E Howell Rd
Seymour Rd
E Jim Owings Rd
Axline Rd
Grain Valley


Distance from Dam: 20.2 mi
Flood Arrival Time: 7 h 45 min
Peak Elevation Time: 21 h 31 min
Peak Elevation: 754.83 ft
Max Depth: 20.6 ft
Peak Flow: 6,872 cfs
Distance from Dam: 20.6 mi
Flood Arrival Time: 8 h
Peak Elevation Time: 21 h 32 min
Peak Elevation: 754.8 ft
Max Depth: 20.95 ft
Peak Flow: 8,308 cfs
E Pink Hill Rd
E Old Pink Hill Rd
S Outer Bell Rd
E Renick Rd
Renick Rd
Webb Rd
E Gillespie Rd
Gillespie Rd
Axline Rd
E Jim Owings Rd
N Broadway St
Distance from Dam: 21.3 mi
Flood Arrival Time: 8 h 30 min
Peak Elevation Time: 21 h 41 min
Peak Elevation: 751.93 ft
Max Depth: 18.73 ft
Peak Flow: 6,993 cfs
Distance from Dam: 22.5 mi
Flood Arrival Time: 9 h 23 min
Peak Elevation Time: 22 h 20 min
Peak Elevation: 743.36 ft
Max Depth: 15.31 ft
Peak Flow: 6,989 cfs
Overtopped Bridges
None
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 7 of 14
Cross Sections
Roads
Maximum Water Surface
< 2'
> 2'
0 500 1,000 2,000 Feet
N


Overtopped Bridges
None
State Hwy Ff
Webb Rd
Gillespie Rd
Renick Rd
E Renick Rd
Gillespie Rd
Frosty Ln
Happy Hollow Rd
Distance from Dam: 24.6 mi
Flood Arrival Time: 10 h 47 min
Peak Elevation Time: 23 h 37 min
Peak Elevation: 738.36 ft
Max Depth: 16.18 ft
Peak Flow: 6,977 cfs
Distance from Dam: 26.8 mi
Flood Arrival Time: 12 h
Peak Elevation Time: 28 h 3 min
Peak Elevation: 733.49 ft
Max Depth: 17.26 ft
Peak Flow: 6,866 cfs
Distance from Dam: 23.6 mi
Flood Arrival Time: 10 h
Peak Elevation Time: 22 h 59 min
Peak Elevation: 740.7 ft
Max Depth: 15.57 ft
Peak Flow: 6,984 cfs
Distance from Dam: 25.6 mi
Flood Arrival Time: 11 h 30 min
Peak Elevation Time: 24 h 49 min
Peak Elevation: 735.3 ft
Max Depth: 16.17 ft
Peak Flow: 6,967 cfs
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 8 of 14
Maximum Water Surface
Cross Sections
Roads
< 2'
> 2'
0
500
1,000
2,000
Feet
N

Project:
Lake Lotawana Dam Breach Analysis

Project ID: JACKSON_MO20040

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Drawing Title:
Detail Sheet 9 of 14

Maximum Water Surface
Cross Sections
Roads
< 2'
> 2'

0 500 1,000 2,000 Feet

N

Distance from Dam: 31.5 mi

Flood Arrival Time: 15 h 14 min
Peak Elevation Time: 30 h 6 min
Peak Elevation: 720.46 ft
Max Depth: 15.37 ft
Peak Flow: 6,386 cfs

Distance from Dam: 30.1 mi

Flood Arrival Time: 14 h 15 min
Peak Elevation Time: 29 h 48 min
Peak Elevation: 723.24 ft
Max Depth: 14.82 ft
Peak Flow: 6,373 cfs

Distance from Dam: 29.2 mi

Flood Arrival Time: 13 h 47 min
Peak Elevation Time: 29 h 27 min
Peak Elevation: 724.72 ft
Max Depth: 13.72 ft
Peak Flow: 6,377 cfs

Distance from Dam: 28.6 mi

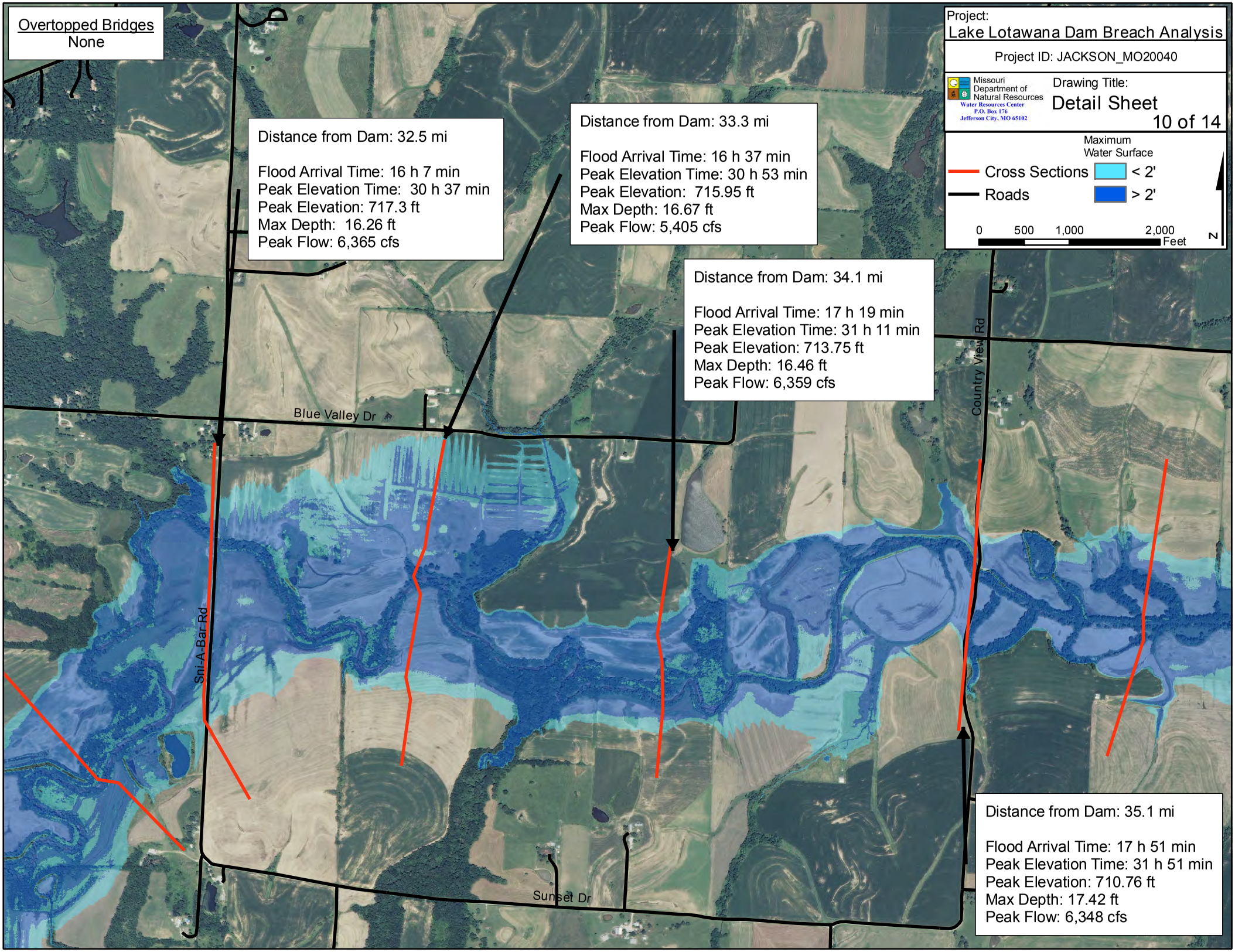
Flood Arrival Time: 13 h 30 min
Peak Elevation Time: 29 h 8 min
Peak Elevation: 732.31 ft
Max Depth: 20.58 ft
Peak Flow: 6,378 cfs

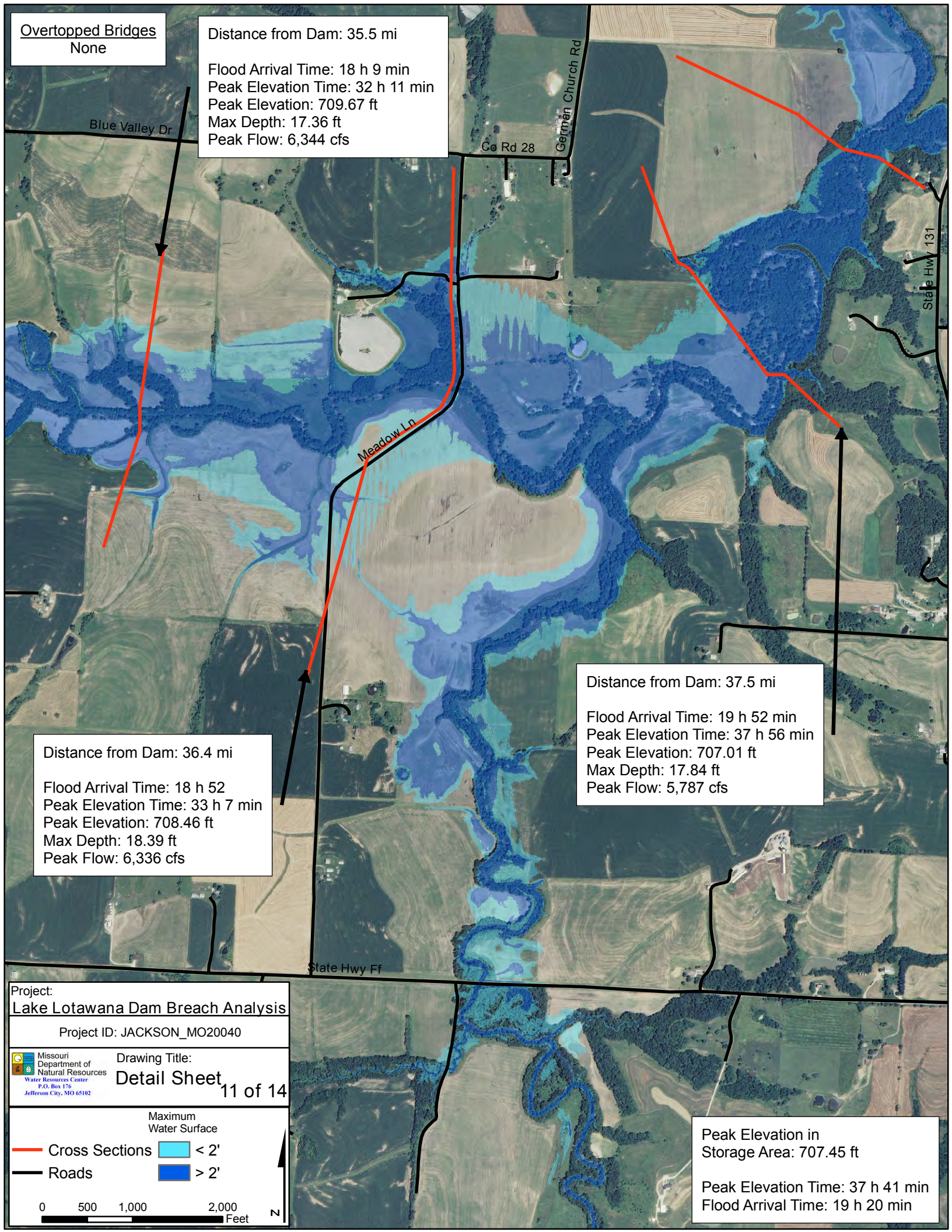
Distance from Dam: 28 mi

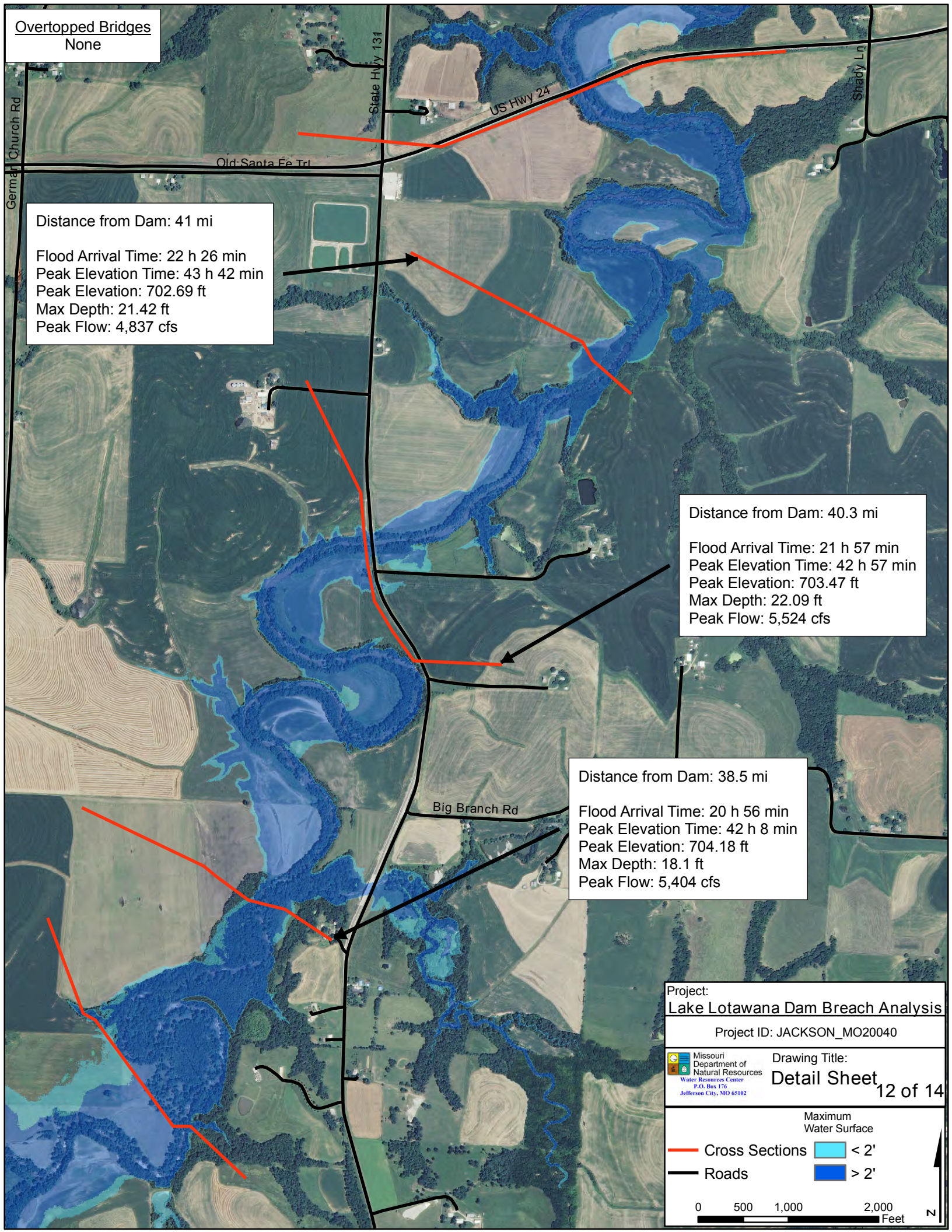
Flood Arrival Time: 12 h 50 min
Peak Elevation Time: 29 h 9 min
Peak Elevation: 732.52 ft
Max Depth: 19.46 ft
Peak Flow: 6,480 cfs

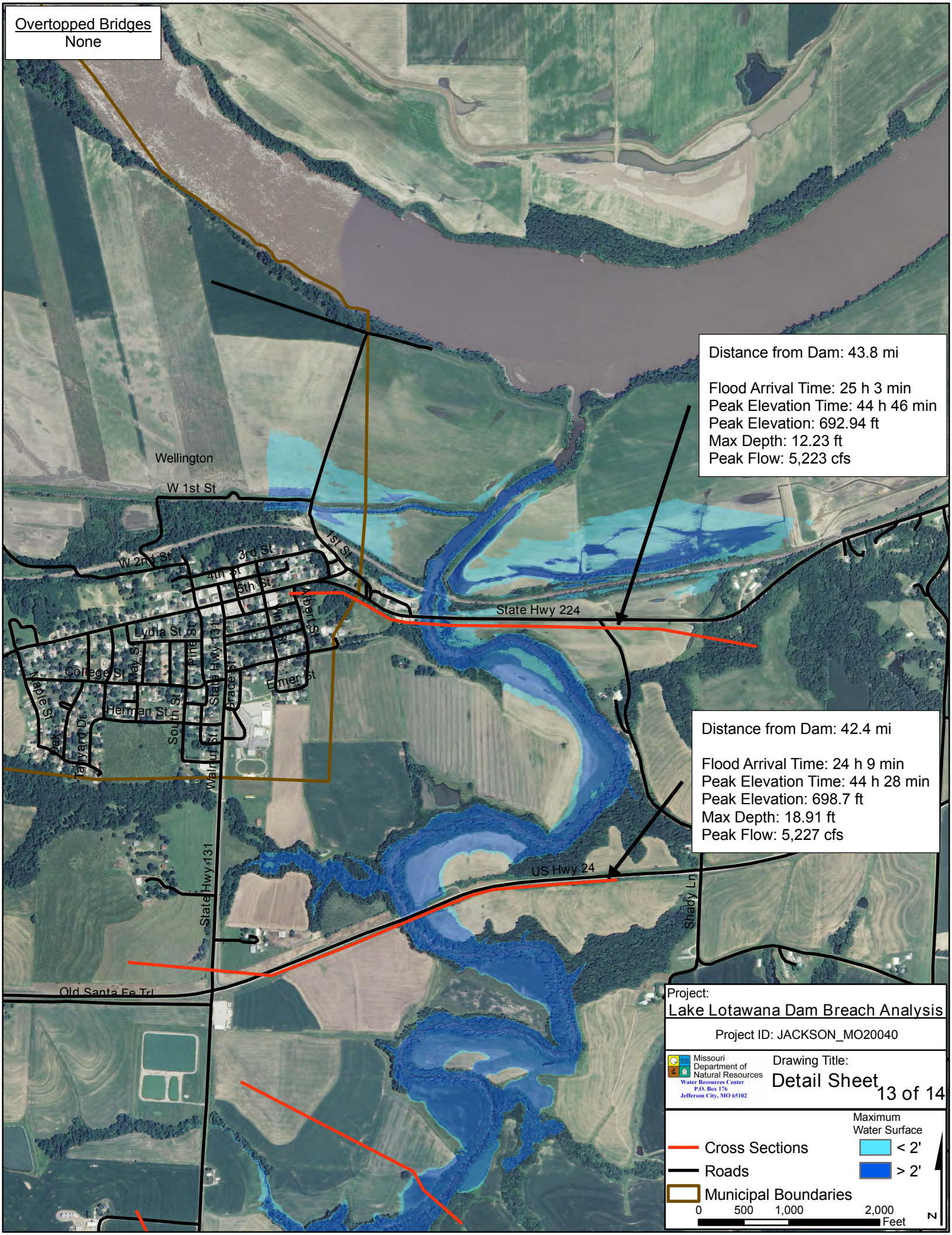
Sni-A-Bar Rd
Sunset Dr
State Hwy Ff
State Hwy Ff
State Hwy D
Oakwood Rd

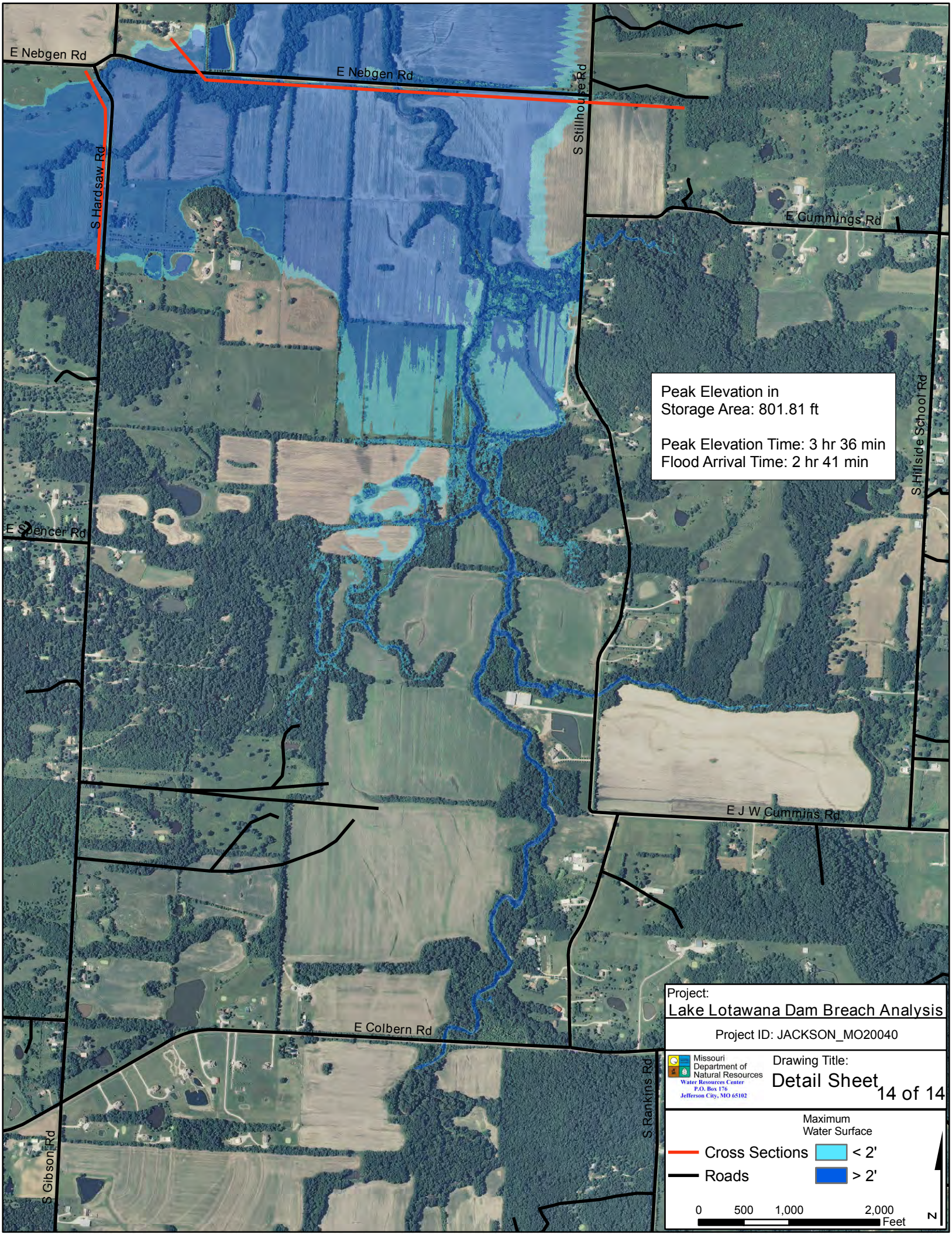
Overtopped Bridges
None

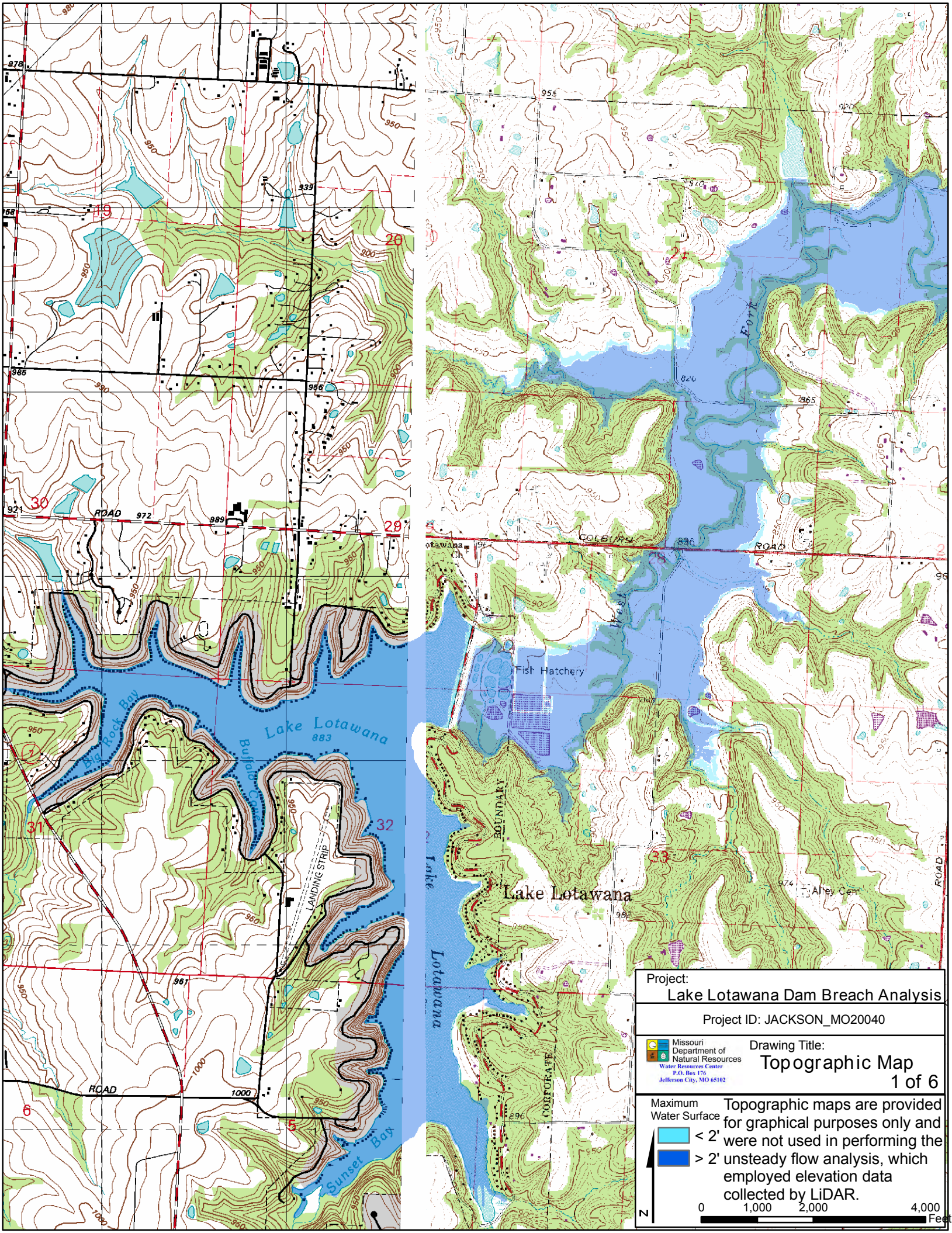

Overtopped Bridges
None
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet
10 of 14
Maximum Water Surface
Cross Sections
Roads
< 2'
> 2'
0 500 1,000 2,000 Feet
N
Distance from Dam: 32.5 mi
Flood Arrival Time: 16 h 7 min
Peak Elevation Time: 30 h 37 min
Peak Elevation: 717.3 ft
Max Depth: 16.26 ft
Peak Flow: 6,365 cfs
Distance from Dam: 33.3 mi
Flood Arrival Time: 16 h 37 min
Peak Elevation Time: 30 h 53 min
Peak Elevation: 715.95 ft
Max Depth: 16.67 ft
Peak Flow: 5,405 cfs
Distance from Dam: 34.1 mi
Flood Arrival Time: 17 h 19 min
Peak Elevation Time: 31 h 11 min
Peak Elevation: 713.75 ft
Max Depth: 16.46 ft
Peak Flow: 6,359 cfs
Distance from Dam: 35.1 mi
Flood Arrival Time: 17 h 51 min
Peak Elevation Time: 31 h 51 min
Peak Elevation: 710.76 ft
Max Depth: 17.42 ft
Peak Flow: 6,348 cfs
Blue Valley Dr
Sni-A-Bar Rd
Country View Rd
Sunset Dr


Overtopped Bridges
None
Distance from Dam: 35.5 mi
Flood Arrival Time: 18 h 9 min
Peak Elevation Time: 32 h 11 min
Peak Elevation: 709.67 ft
Max Depth: 17.36 ft
Peak Flow: 6,344 cfs
Blue Valley Dr
Co Rd 28
German Church Rd
State Hwy 131
Meadow Ln
Distance from Dam: 37.5 mi
Flood Arrival Time: 19 h 52 min
Peak Elevation Time: 37 h 56 min
Peak Elevation: 707.01 ft
Max Depth: 17.84 ft
Peak Flow: 5,787 cfs
Distance from Dam: 36.4 mi
Flood Arrival Time: 18 h 52
Peak Elevation Time: 33 h 7 min
Peak Elevation: 708.46 ft
Max Depth: 18.39 ft
Peak Flow: 6,336 cfs
State Hwy Ff
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet
11 of 14
Maximum Water Surface
Cross Sections
Roads
< 2'
> 2'
0 500 1,000 2,000 Feet
N
Peak Elevation in Storage Area: 707.45 ft
Peak Elevation Time: 37 h 41 min
Flood Arrival Time: 19 h 20 min


Overtopped Bridges
None
German Church Rd
State Hwy 131
US Hwy 24
Old Santa Fe Trl
Shady Ln
Distance from Dam: 41 mi
Flood Arrival Time: 22 h 26 min
Peak Elevation Time: 43 h 42 min
Peak Elevation: 702.69 ft
Max Depth: 21.42 ft
Peak Flow: 4,837 cfs
Distance from Dam: 40.3 mi
Flood Arrival Time: 21 h 57 min
Peak Elevation Time: 42 h 57 min
Peak Elevation: 703.47 ft
Max Depth: 22.09 ft
Peak Flow: 5,524 cfs
Big Branch Rd
Distance from Dam: 38.5 mi
Flood Arrival Time: 20 h 56 min
Peak Elevation Time: 42 h 8 min
Peak Elevation: 704.18 ft
Max Depth: 18.1 ft
Peak Flow: 5,404 cfs
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet
12 of 14
Maximum Water Surface
Cross Sections
Roads
< 2'
> 2'
0
500
1,000
2,000
Feet
N


Overtopped Bridges
None
Distance from Dam: 43.8 mi
Flood Arrival Time: 25 h 3 min
Peak Elevation Time: 44 h 46 min
Peak Elevation: 692.94 ft
Max Depth: 12.23 ft
Peak Flow: 5,223 cfs
Distance from Dam: 42.4 mi
Flood Arrival Time: 24 h 9 min
Peak Elevation Time: 44 h 28 min
Peak Elevation: 698.7 ft
Max Depth: 18.91 ft
Peak Flow: 5,227 cfs
Wellington
W 1st St
W 2nd St
3rd St
4th St
5th St
1st St
State Hwy 224
Lydia St
Pine St
May St
College St
Naple St
Oak
Tayard Dr
Herman St
South St
State Hwy 131
Grace St
Elmer St
Walnut St
Albert St
US Hwy 24
Shady Ln
Old Santa Fe Trl
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet
13 of 14
Cross Sections
Roads
Municipal Boundaries
Maximum Water Surface
< 2'
> 2'
0
500
1,000
2,000
Feet
N


E Nebgen Rd
E Nebgen Rd
S Hardsaw Rd
S Stillhouse Rd
E Cummings Rd
S Hillside School Rd
E Spencer Rd
E J W Cummins Rd
E Colbern Rd
S Rankins Rd
S Gibson Rd
Peak Elevation in
Storage Area: 801.81 ft
Peak Elevation Time: 3 hr 36 min
Flood Arrival Time: 2 hr 41 min
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri
Department of
Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet
14 of 14
Maximum
Water Surface
Cross Sections
Roads
< 2'
> 2'
0
500
1,000
2,000
Feet
N



Project:
Lake Lotawana Dam Breach Analysis

Project ID: JACKSON_MO20040

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

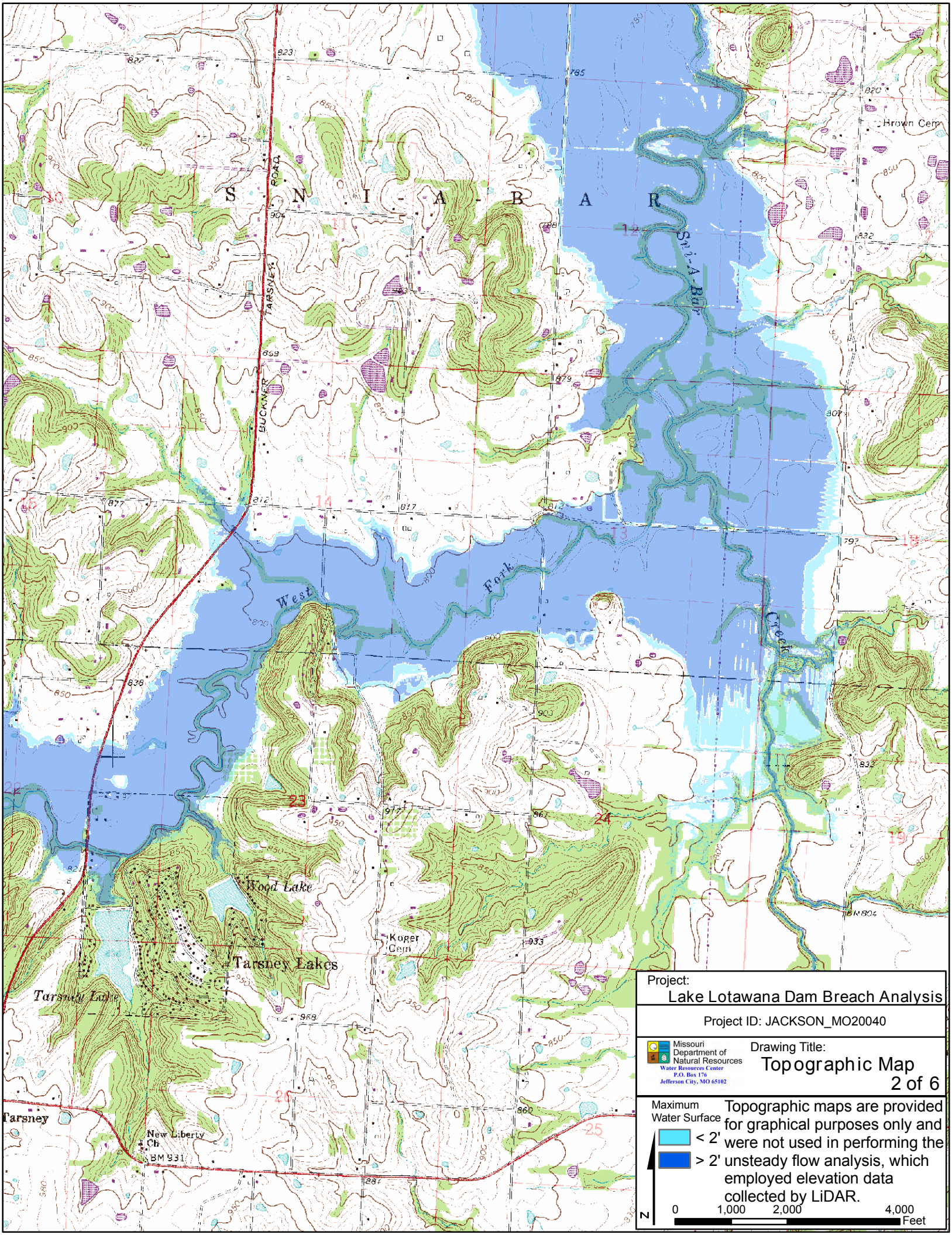
Drawing Title:
Topographic Map
1 of 6

Maximum Water Surface
< 2'
> 2'

Topographic maps are provided for graphical purposes only and were not used in performing the unsteady flow analysis, which employed elevation data collected by LiDAR.

N

0 1,000 2,000 4,000 Feet


S N I - A - B A R
Sni-A Bar
West Fork
Creek
Wood Lake
Tarsney Lakes
Tarsney Lake
Koger Cem
Brown Cem
Tarsney
New Liberty Ch
BM 931
BUCKNER TARSNEY ROAD
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topographic Map
2 of 6
Maximum Water Surface
< 2'
> 2'
Topographic maps are provided for graphical purposes only and were not used in performing the unsteady flow analysis, which employed elevation data collected by LiDAR.
N
0
1,000
2,000
4,000
Feet

Project:
Lake Lotawana Dam Breach Analysis

Project ID: JACKSON_MO20040

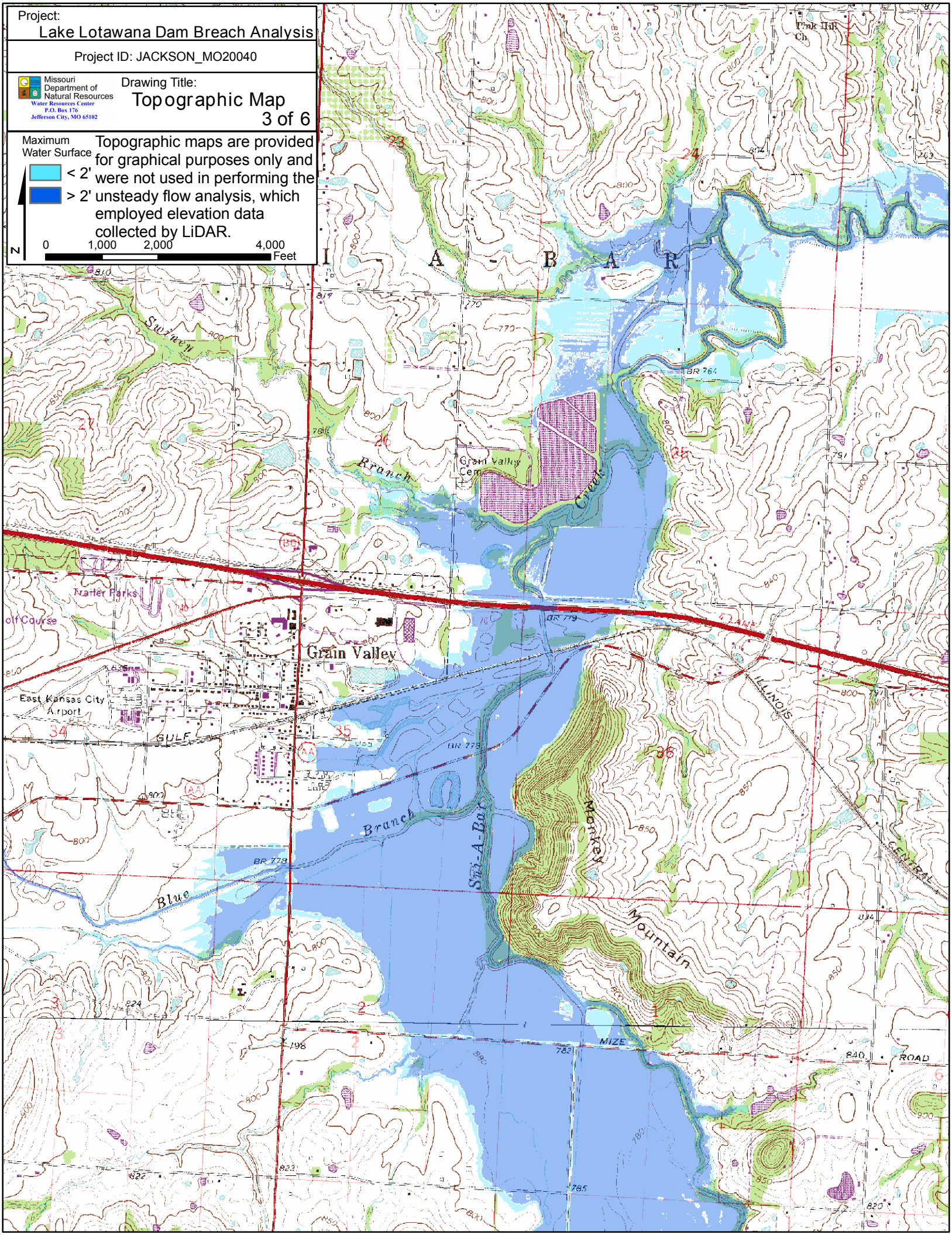
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

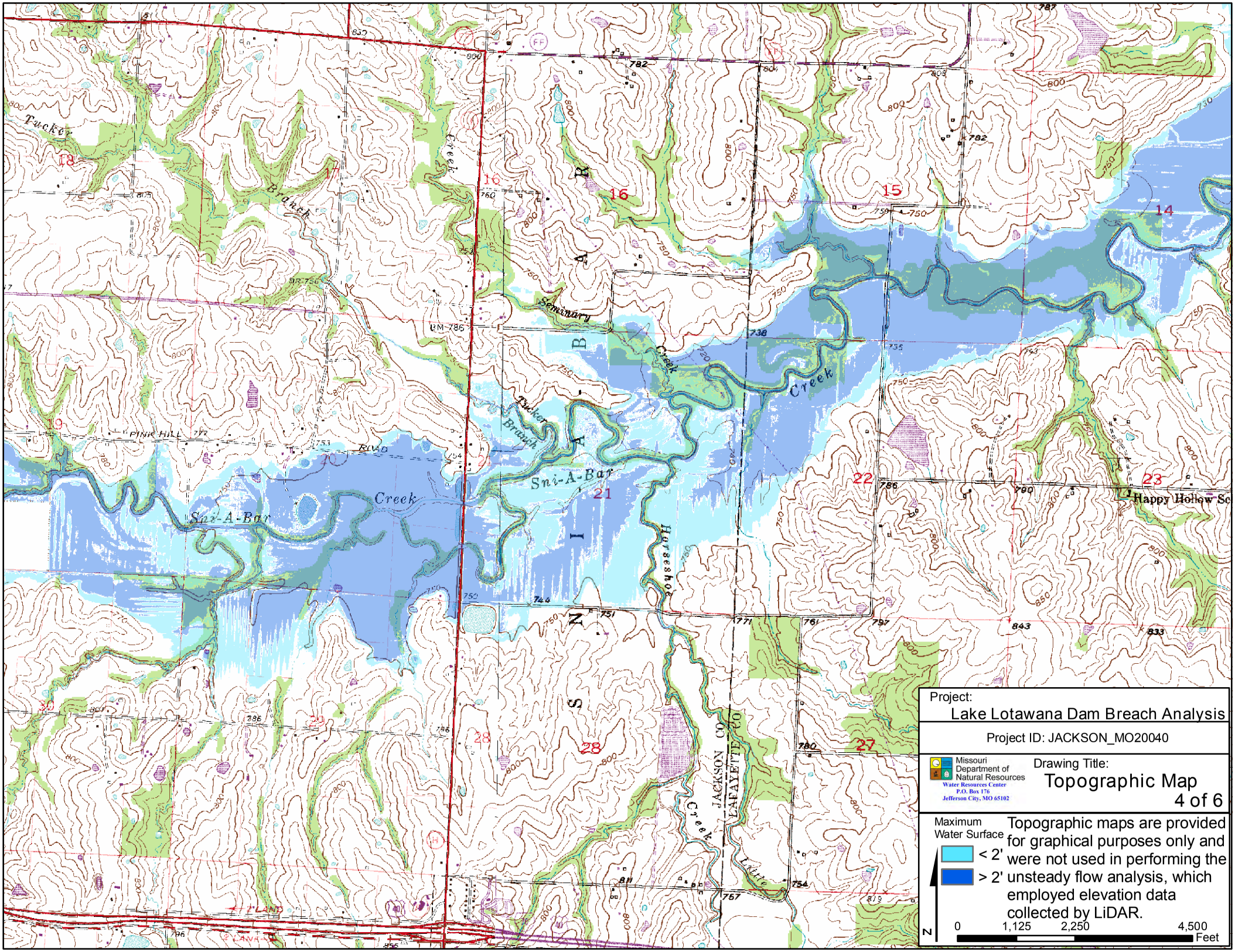
Drawing Title:
Topographic Map
3 of 6

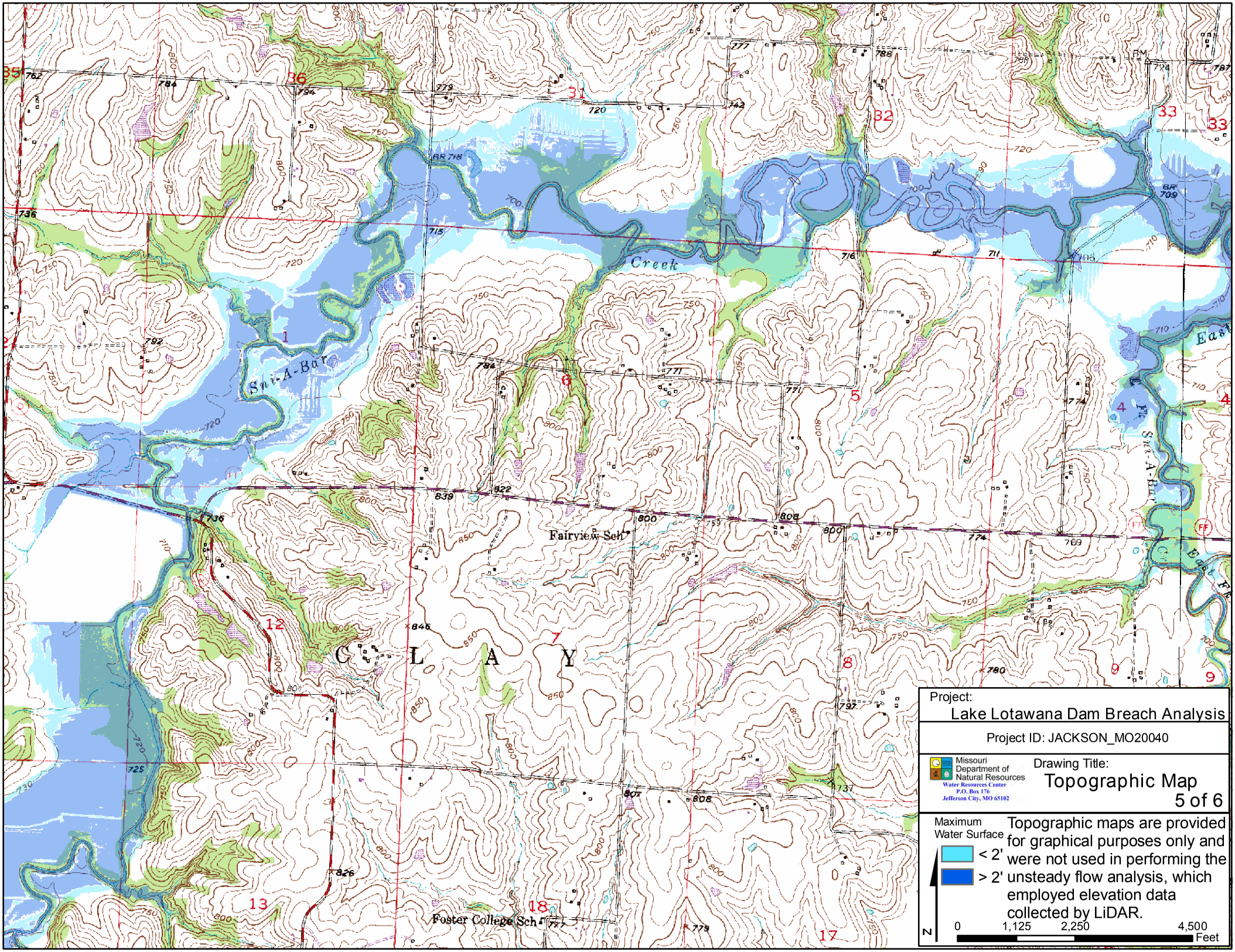
Maximum Water Surface
< 2'
> 2'

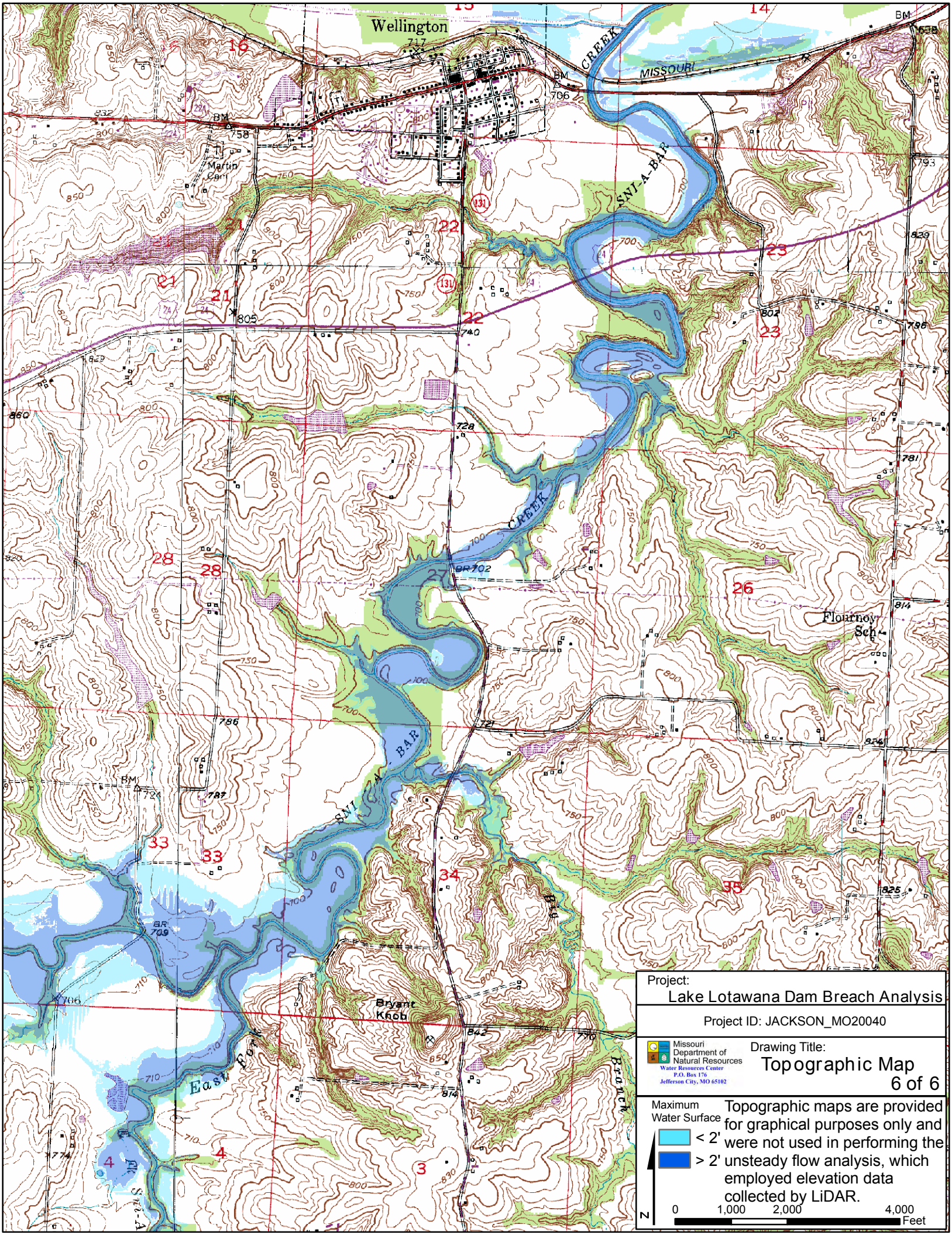
Topographic maps are provided for graphical purposes only and were not used in performing the unsteady flow analysis, which employed elevation data collected by LiDAR.

N
0 1,000 2,000 4,000 Feet




Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topographic Map
4 of 6
Maximum Water Surface
< 2'
> 2'
Topographic maps are provided for graphical purposes only and were not used in performing the unsteady flow analysis, which employed elevation data collected by LiDAR.
0
1,125
2,250
4,500
Feet
N
Sni-A-Bar Creek
Tucker Branch
Seminary Creek
Horseshoe Creek
Little Creek
JACKSON CO
LAFAYETTE CO
Happy Hollow Sc
PINK HILL ROAD


Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topographic Map
5 of 6
Maximum Water Surface
< 2'
> 2'
Topographic maps are provided for graphical purposes only and were not used in performing the unsteady flow analysis, which employed elevation data collected by LiDAR.
0
1,125
2,250
4,500
Feet
N
Sni-A-Bar
Creek
Fairview Sch
Foster College Sch
C L A Y


Wellington
MISSOURI
CREEK
SNI-A-BAR
CREEK
SNI-A-BAR
Bryant Knob
East Fork
Flournoy Sch
Martin Cem
BM
BR 702
BR 709
131
Project:
Lake Lotawana Dam Breach Analysis
Project ID: JACKSON_MO20040
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topographic Map
6 of 6
Maximum Water Surface
< 2'
> 2'
Topographic maps are provided for graphical purposes only and were not used in performing the unsteady flow analysis, which employed elevation data collected by LiDAR.
N
0
1,000
2,000
4,000
Feet

12/21/09

Lake Tapawingo Dam

Breach Inundation Map

Jackson County, Missouri
JACKSON_MO20127

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20127

County: JACKSON

Location: S34, T49 N, R31 W

Height of Dam: 55'

Storage Capacity (Normal Pool): 1680 ac-ft

Tributary: Unnamed Trib. to East Fork of Little Blue River

Lake Area: 85 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 82.75'

Bottom elevation: 782'

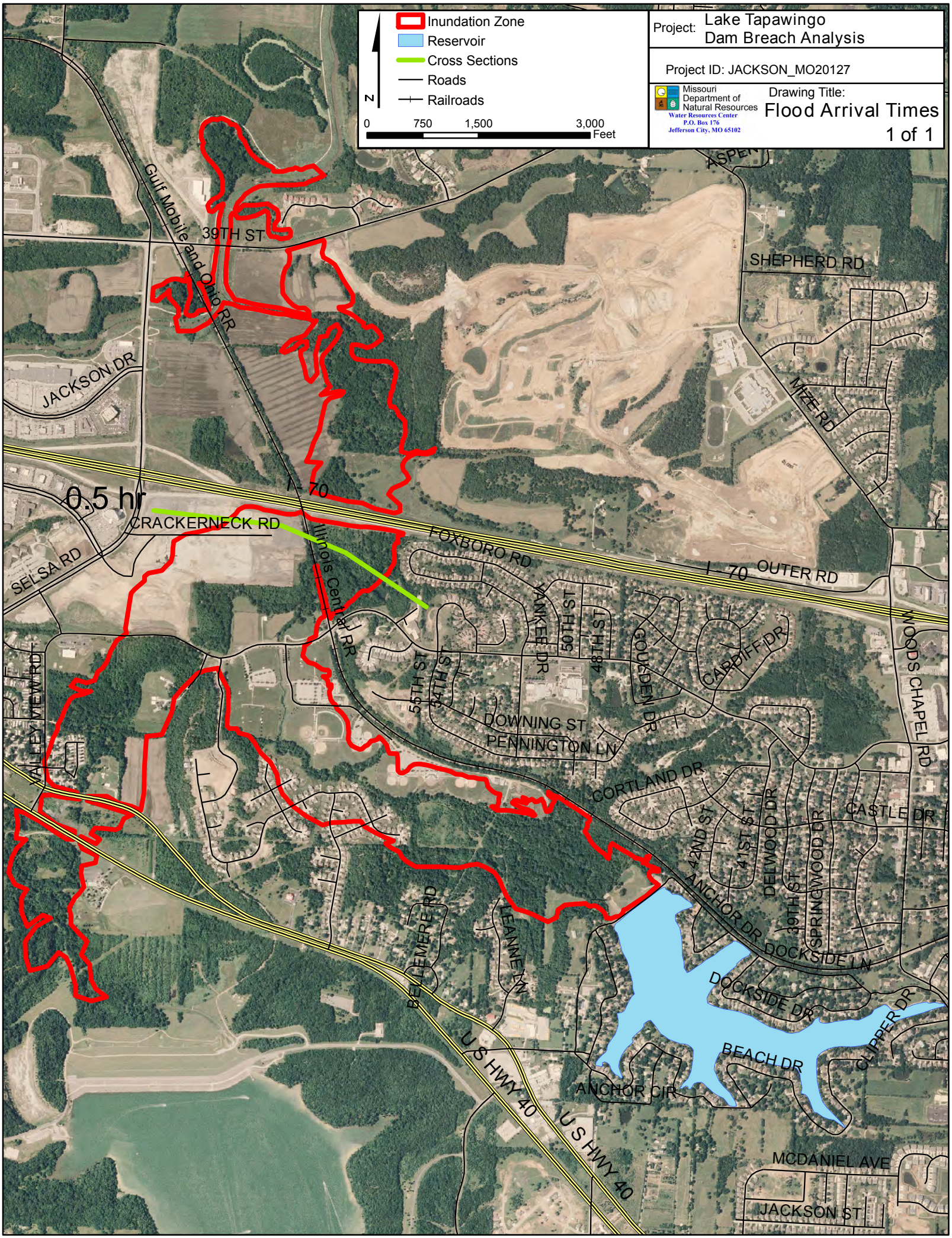
Breach formation time: 0.47 hr

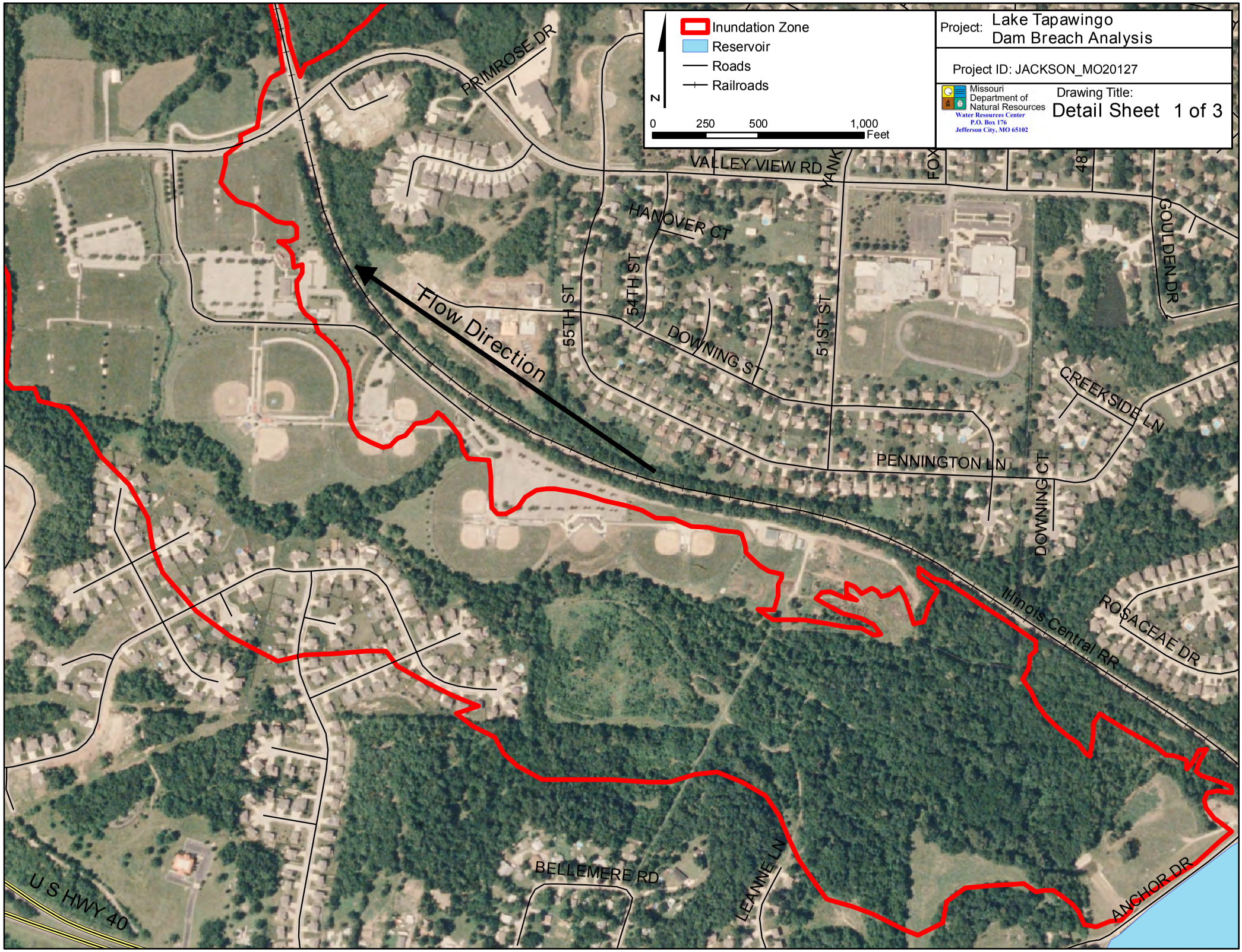
Pool Elevation at Failure: 847.73'

Pool Volume at Failure: 2509 ac-ft

Date of Aerial Photo: August 8, 2009

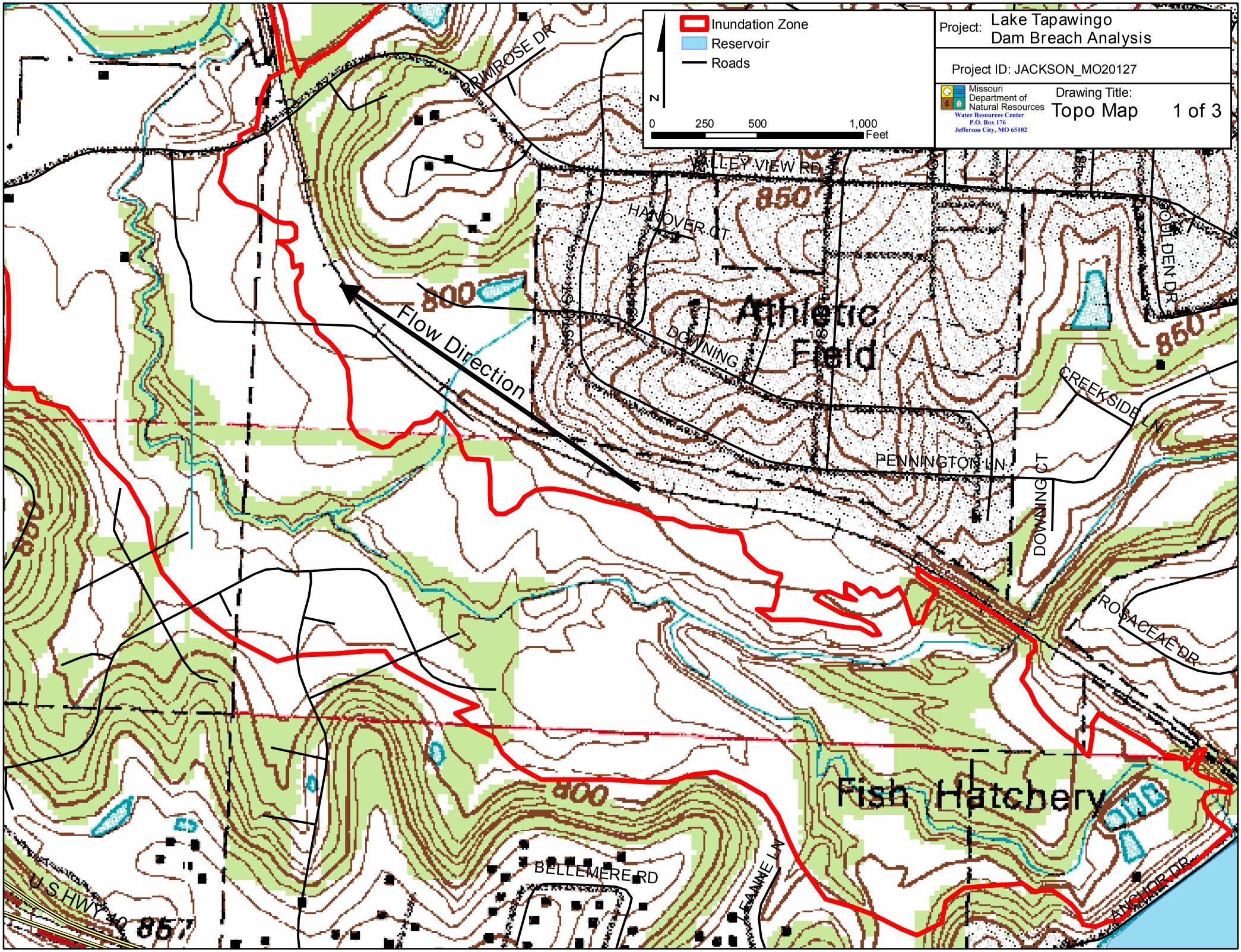
Project:	Lake Tapawingo Dam Breach Analysis
Drawing Title:	Explanation Sheet 1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20127

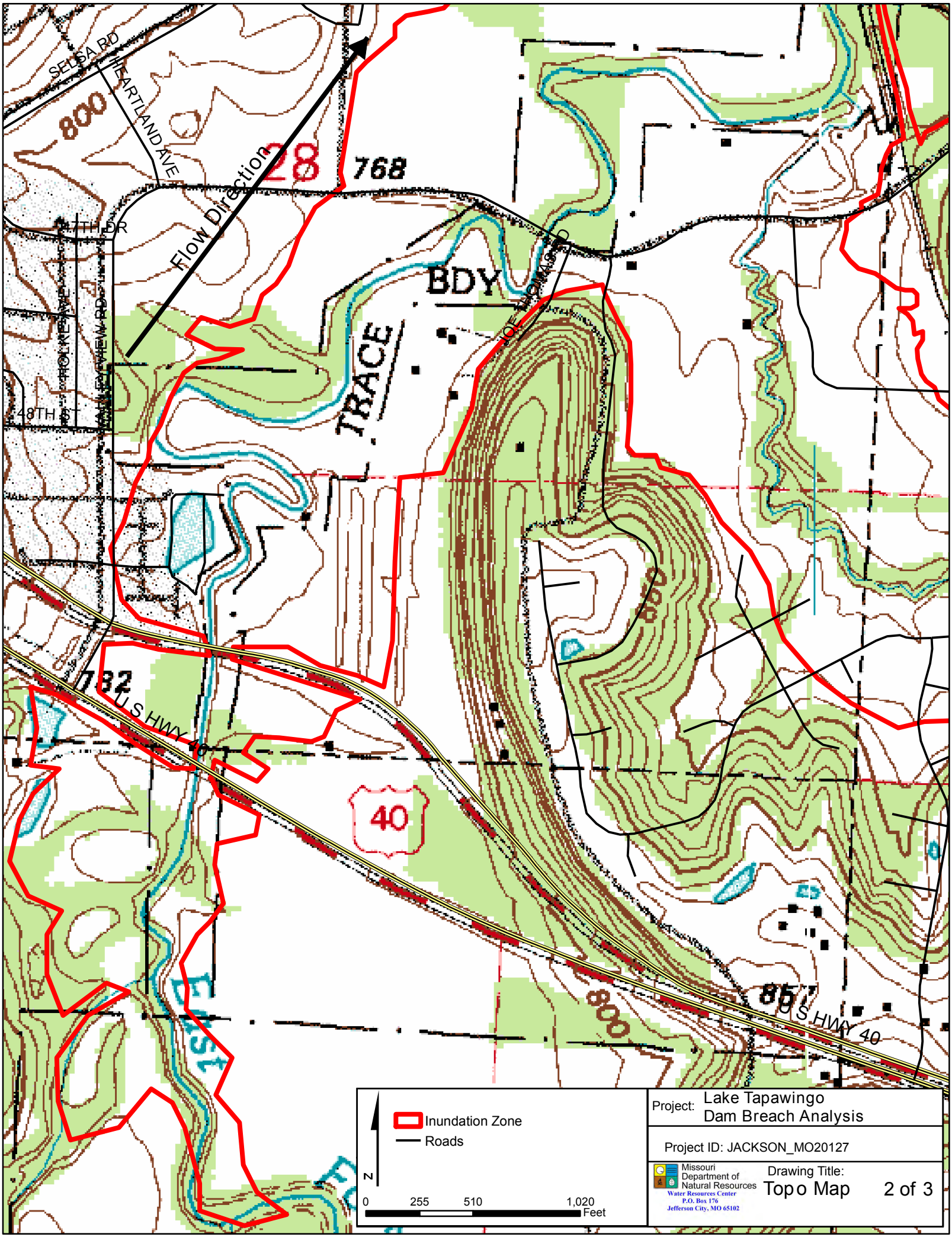

Inundation Zone
Reservoir
Cross Sections
Roads
Railroads
N
0
750
1,500
3,000
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
0.5 hr
CRACKERNECK RD
39TH ST
Gulf Mobile and Ohio RR
JACKSON DR
SELSA RD
I-70
Illinois Central RR
FOXBORO RD
OUTER RD
SHEPHERD RD
ASPEN
MYZE RD
WOODS CHAPEL RD
YANKEE DR
50TH ST
48TH ST
GOLDEN DR
CARDIFF DR
55TH ST
54TH ST
DOWNING ST
PENNINGTON LN
CORTLAND DR
42ND ST
41ST ST
DELWOOD DR
39TH ST
SPRINGWOOD DR
CASTLE DR
ANCHOR DR
DOCKSIDE LN
DOCKSIDE DR
CLIPPER DR
BEACH DR
ANCHOR CIR
BELLEMERE RD
LEANNE LN
U S HWY 40
MCDANIEL AVE
JACKSON ST
VALLEY VIEW RD

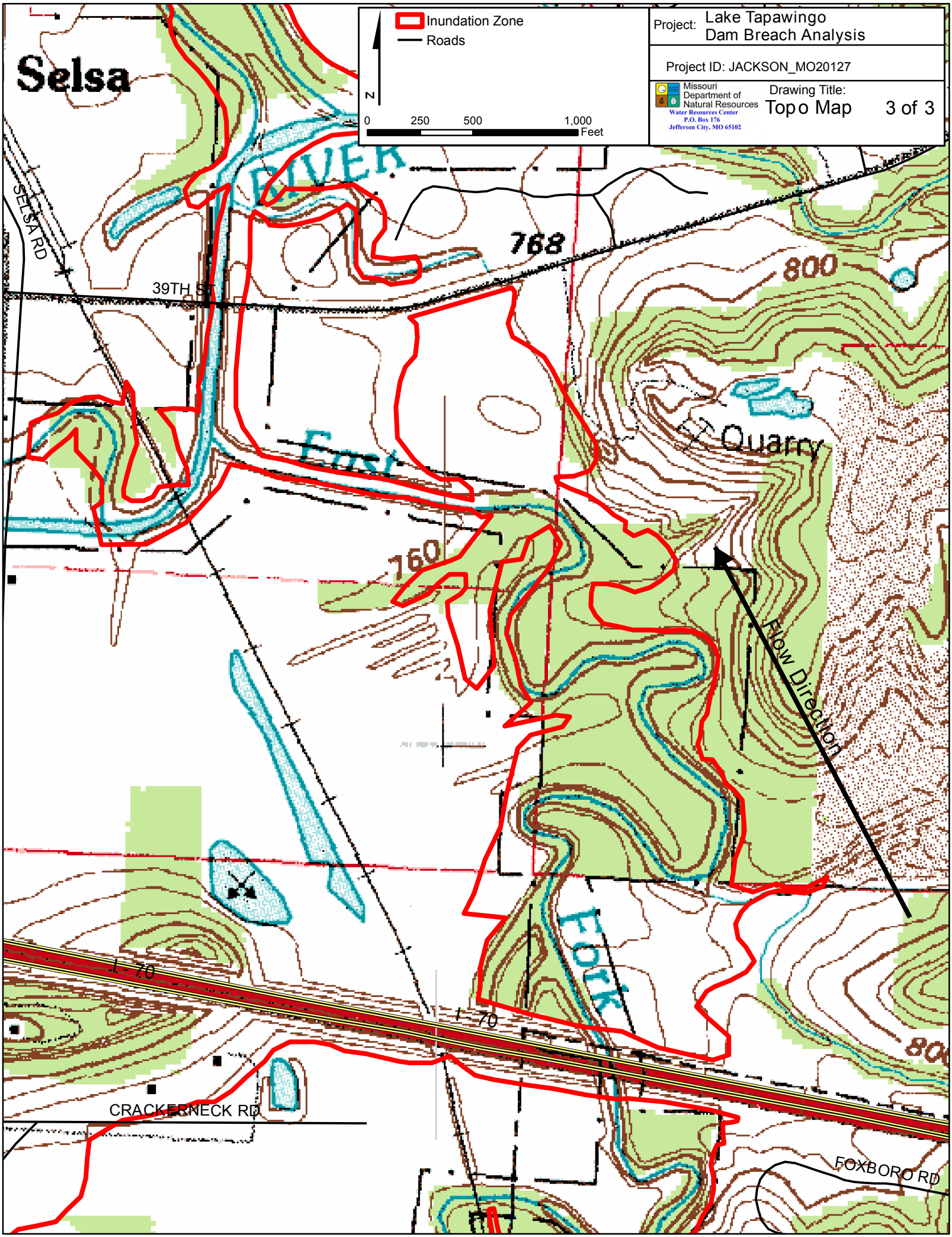

Inundation Zone
Reservoir
Roads
Railroads
N
0 250 500 1,000
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 3
PRIMROSE DR
VALLEY VIEW RD
YANK
FOX
487
GOULDEN DR
HANOVER CT
55TH ST
54TH ST
51ST ST
DOWNING ST
Flow Direction
CREEKSIDE LN
PENNINGTON LN
DOWNING CT
Illinois Central RR
ROSACEAE DR
BELLEMERE RD
LEANNE LN
ANCHOR DR
U S HWY 40


SELSA RD
HEARTLAND AVE
Flow Direction
47TH DR
HOLKE AVE
VALLEY VIEW RD
48TH ST
JOE THOMAS RD
Illinois Central RR
U S HWY 40
U S HWY 40
Inundation Zone
Roads
Railroads
N
0
250
500
1,000
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 3


Inundation Zone
Roads
Railroads
N
0
250
500
1,000
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 3
SELSA RD
39TH ST
Gulf Mobile and Ohio RR
Flow Direction
I - 70
I - 70
Illinois Central RR
CRACKERNECK RD
FOXBORO RD


Inundation Zone
Reservoir
Roads
N
0
250
500
1,000
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 3
PRIMROSE DR
VALLEY VIEW RD
HANOVER CT
DOWNING
Athletic Field
Flow Direction
CREEKSIDE LN
PENNINGTON LN
DOWNING CT
ROSACEAE DR
Fish Hatchery
BELLEMERE RD
LAINE LN
ANCHOR DR
U.S. HWY 40
850
800

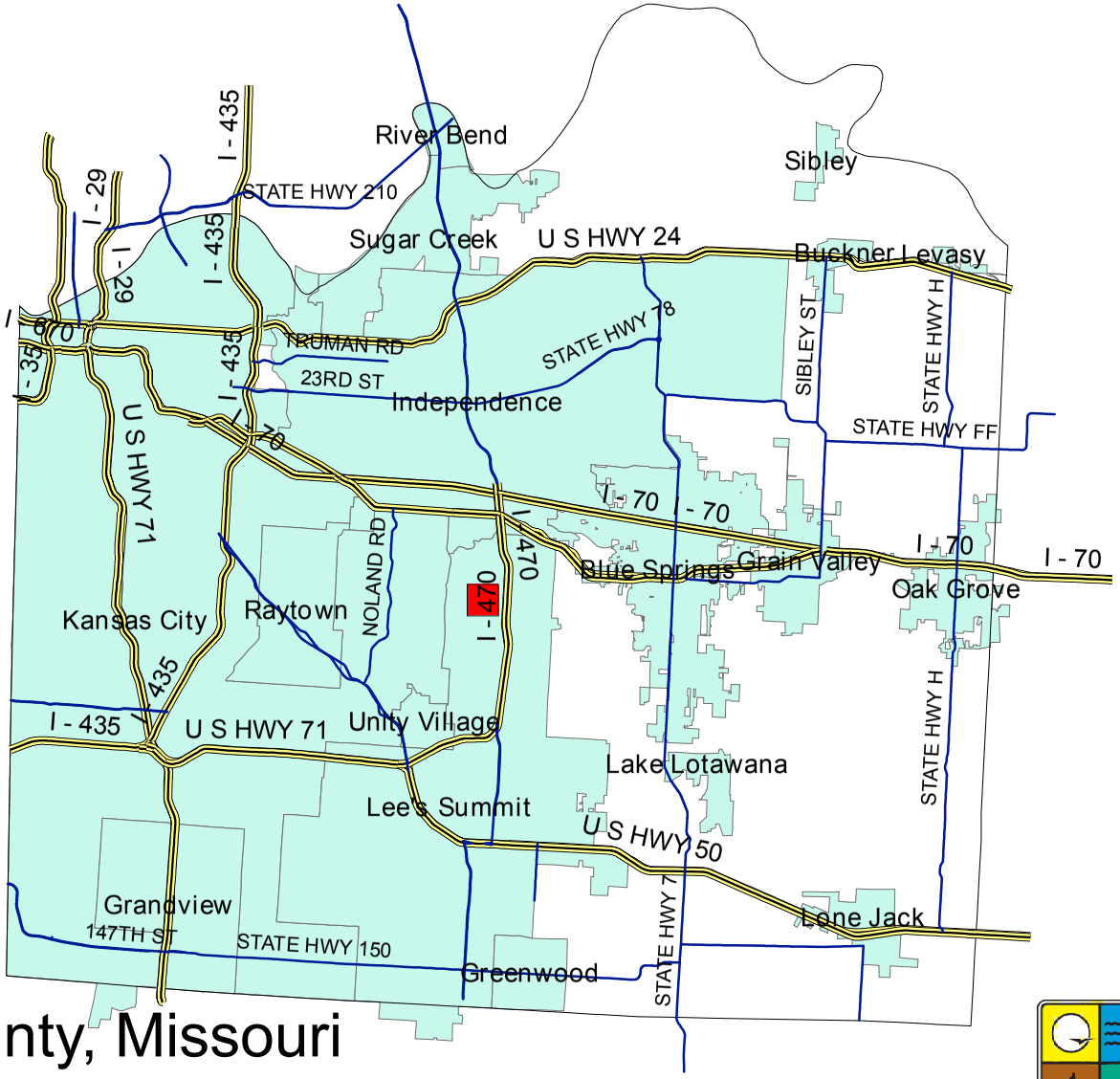

SELSA RD
HARTLAND AVE
800
Flow Direction
28
768
47TH DR
BDY
TRACE
JOE THOMAS RD
48TH ST
732
U S HWY 40
40
800
857
U S HWY 40
EAST
Inundation Zone
Roads
N
0
255
510
1,020
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title: Topo Map
2 of 3


Inundation Zone
Roads
N
0
250
500
1,000
Feet
Project: Lake Tapawingo Dam Breach Analysis
Project ID: JACKSON_MO20127
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title: Topo Map
3 of 3
Selsa
RIVER
SELSA RD
39TH ST
768
800
Quarry
East
760
Flow Direction
Fork
I-70
I-70
CRACKERNECK RD
FOXBORO RD

2/3/10

Lakewood-East Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO20373

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20373

County: JACKSON

Location: S05, T48 N, R31 W

Height of Dam: 75'

Storage Capacity (Normal Pool): 4045 ac-ft (East lake only)

Tributary: East Fork of May Brook

Lake Area: 133 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 127'

Bottom elevation: 782'

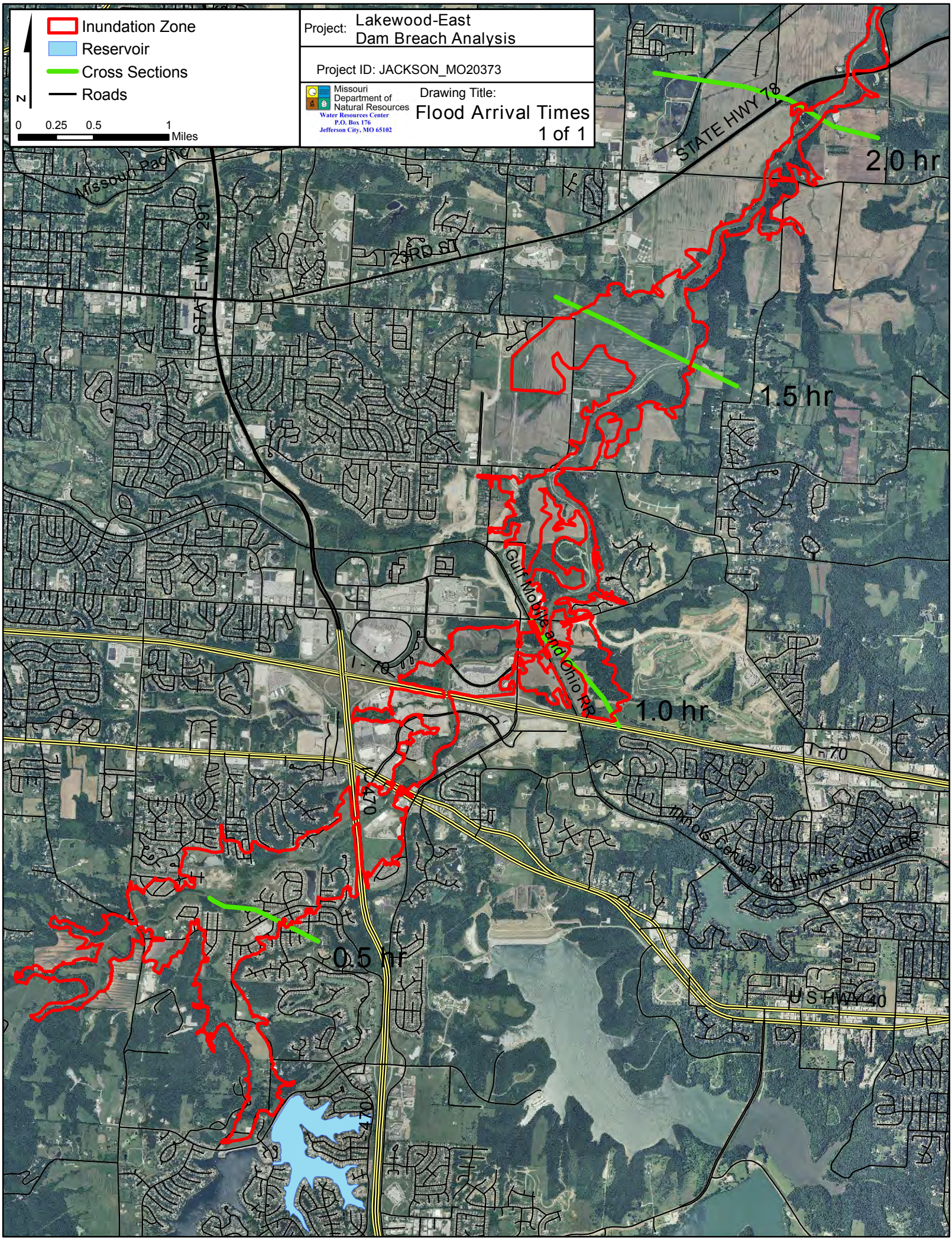
Breach formation time: 0.60 hr

Pool Elevation at Failure: 858.09'

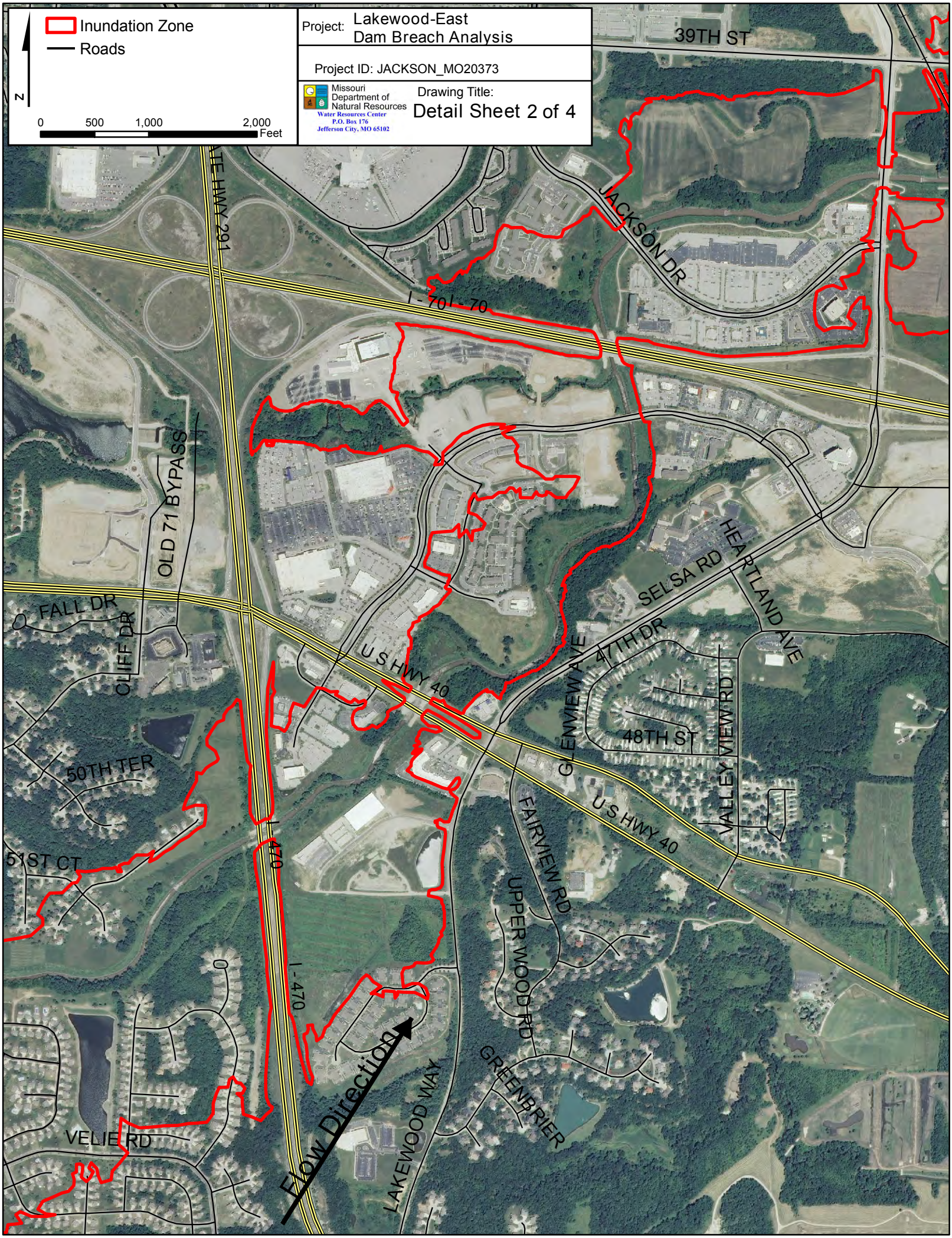
Pool Volume at Failure: 6448 ac-ft

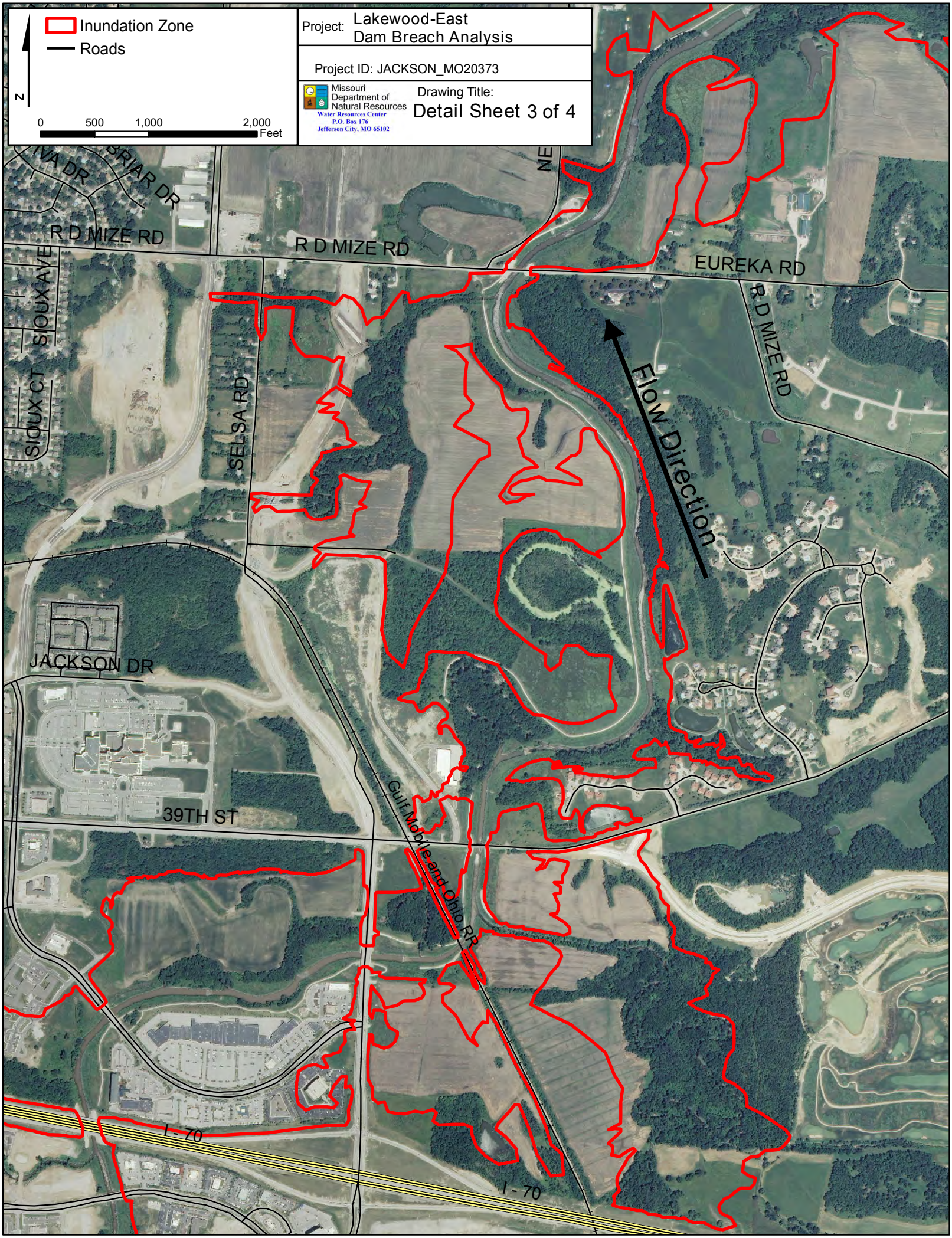
Date of Aerial Photo: August 8, 2009

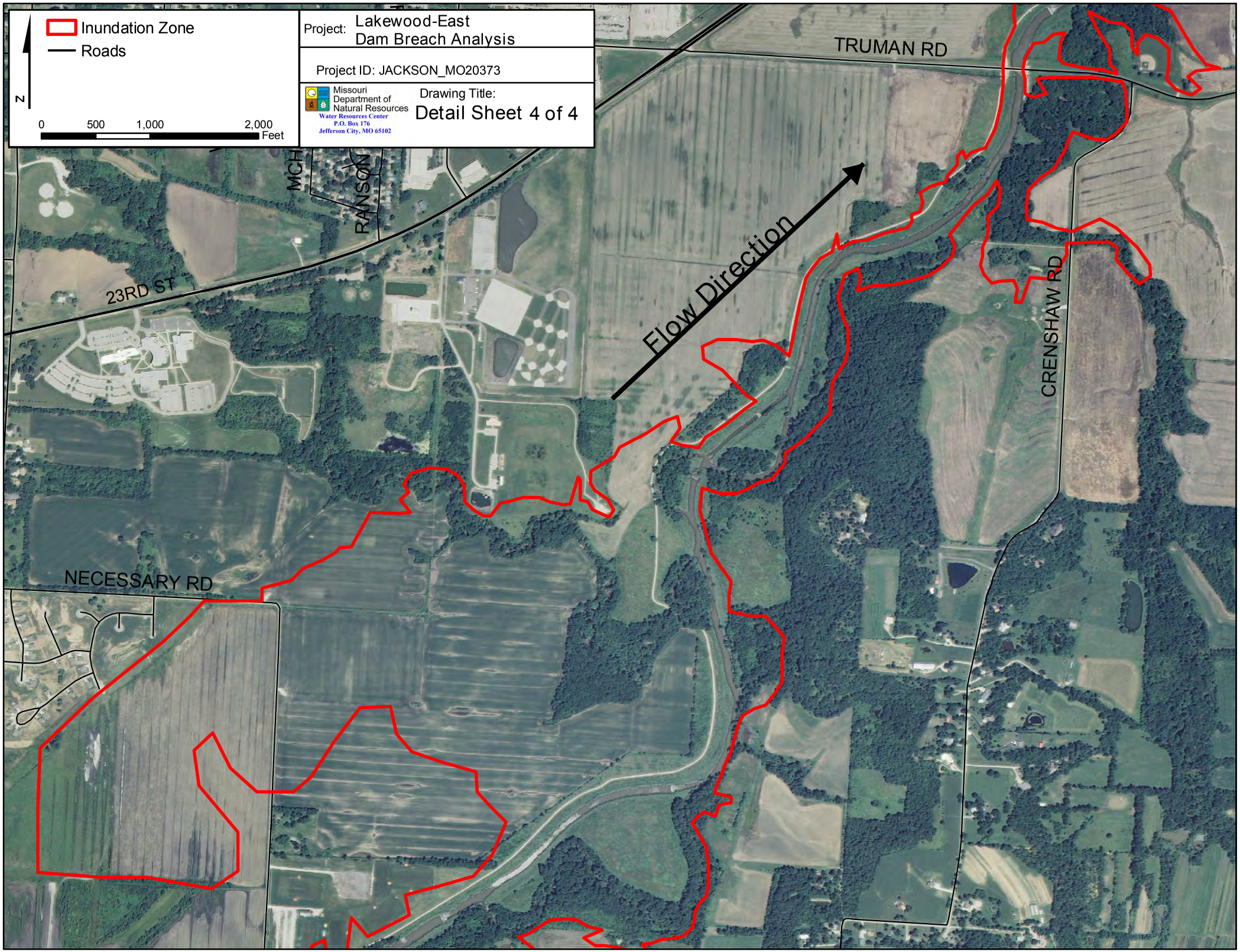
Project: Lakewood-East Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20373

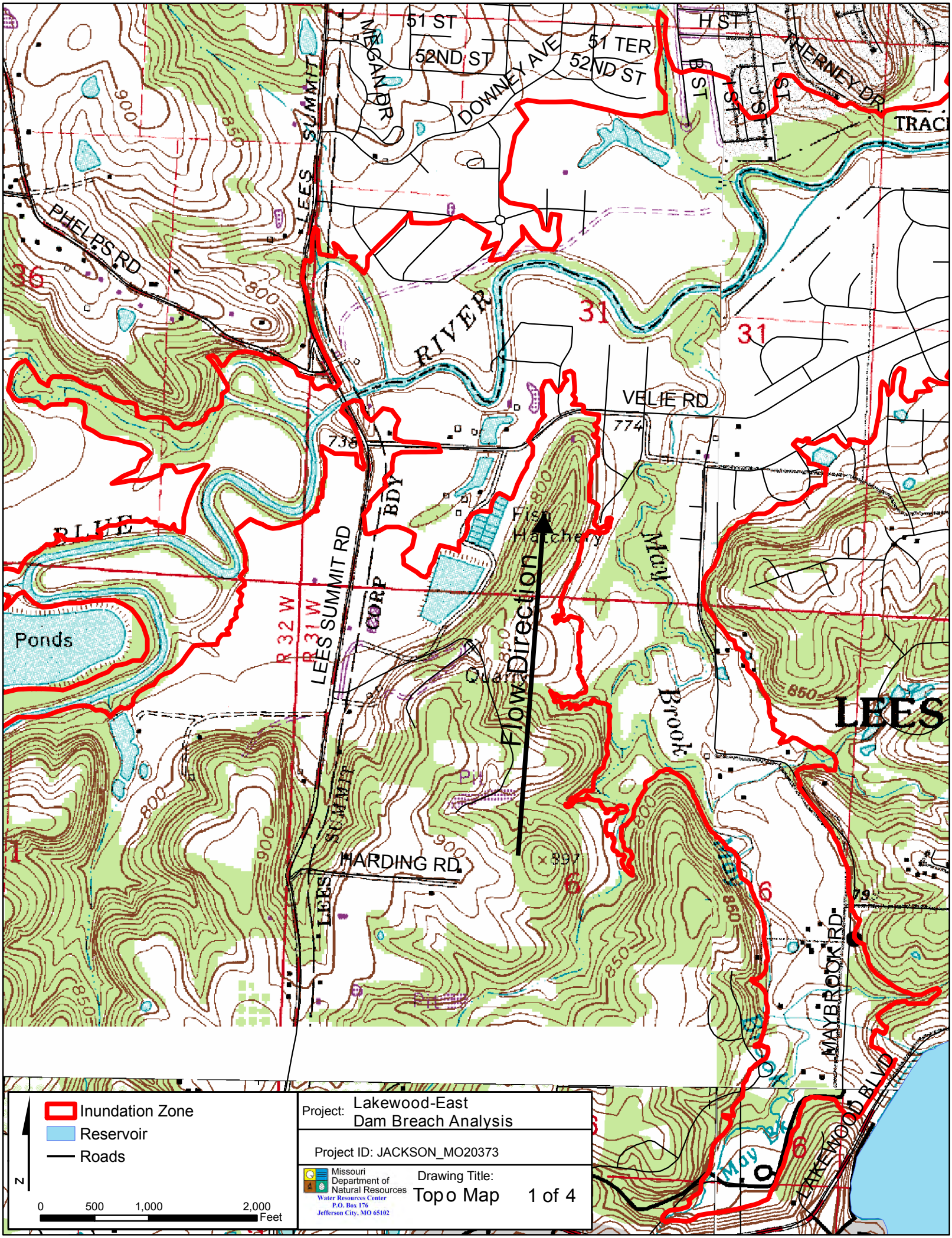

Inundation Zone
Reservoir
Cross Sections
Roads
N
0 0.25 0.5 1
Miles
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
2.0 hr
1.5 hr
1.0 hr
0.5 hr
STATE HWY 78
23RD ST
STATE HWY 291
Missouri Pacific
Gulf Mobile and Ohio RR
I-70
Illinois Central RR
Illinois Central RR
U S HWY 40

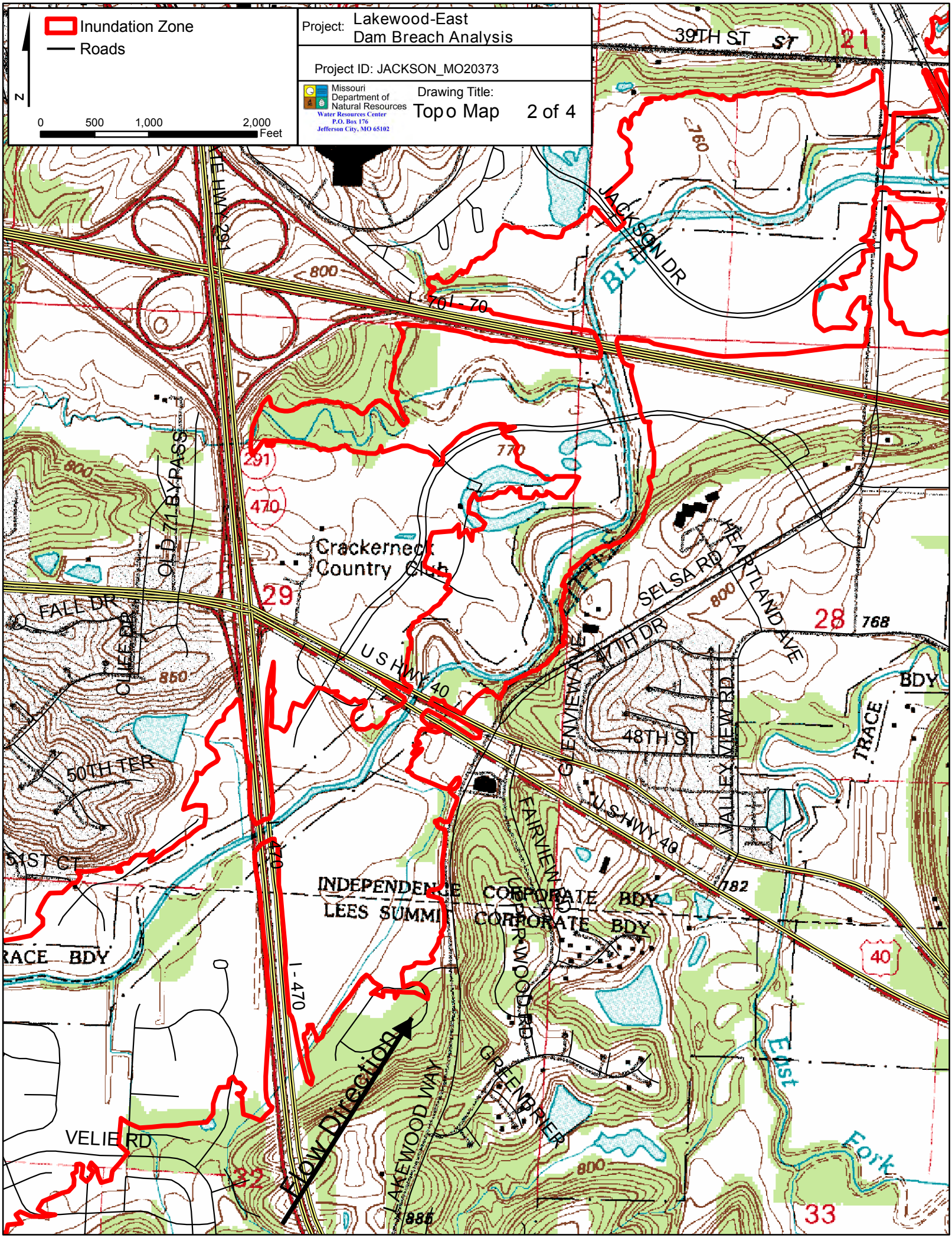

51 ST
52ND ST
MEGAN DR
DOWNEY AVE
51 TER
52ND ST
H ST
B ST
I ST
J ST
L ST
THERNEY DR
PHELPS RD
VELIE RD
LEES SUMMIT RD
Flow Direction
HARDING RD
MAYBROOK RD
LAKEWOOD BLVD
Inundation Zone
Reservoir
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 4

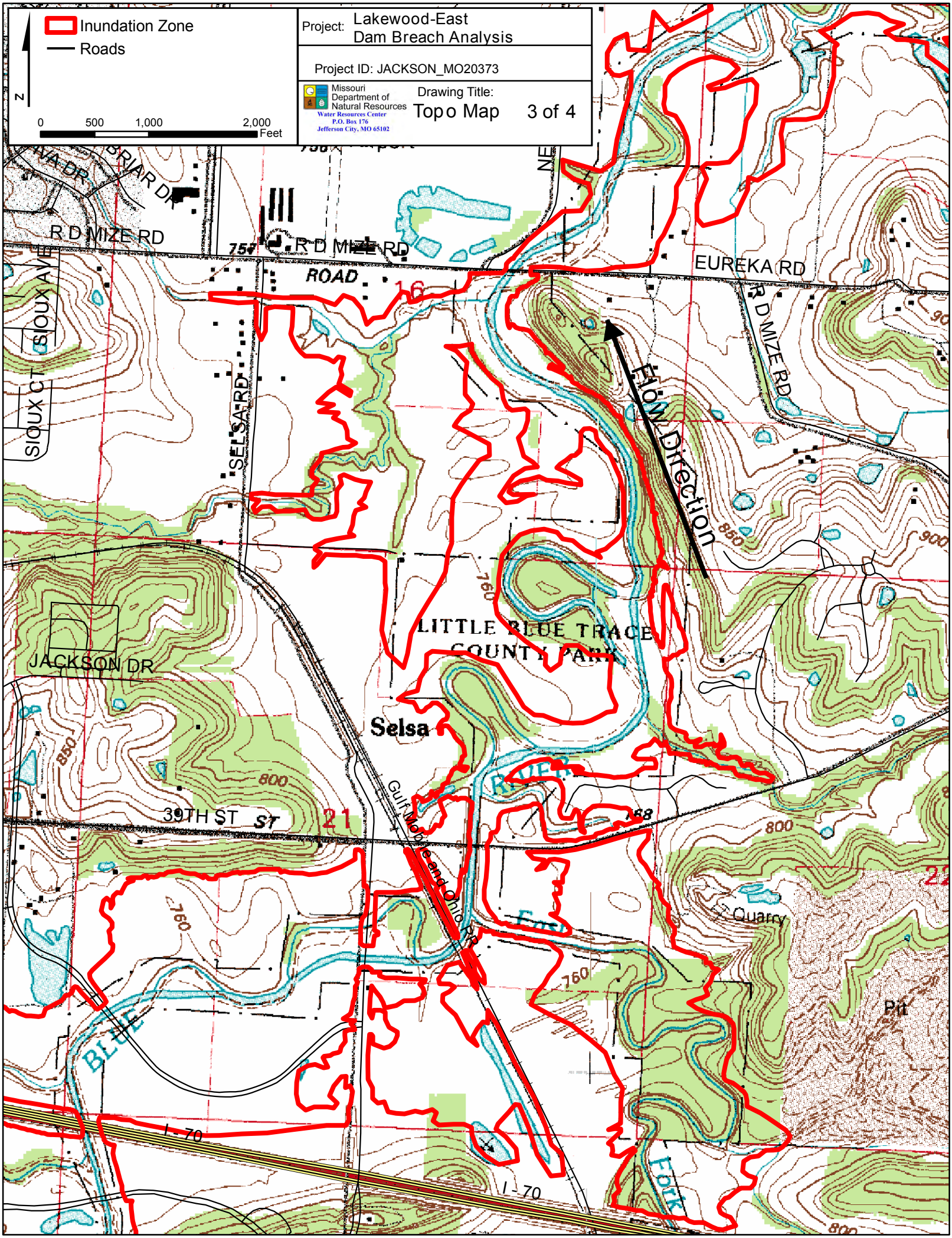

Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 4
39TH ST
JACKSON DR
I-70
I-70
TIF HWY 291
OLD 71 BYPASS
FALL DR
CLIFF DR
U S HWY 40
SELSA RD
HEARTLAND AVE
47TH DR
GLENVIEW AVE
48TH ST
VALLEY VIEW RD
U S HWY 40
50TH TER
51ST CT
I-470
I-470
FAIRVIEW RD
UPPER WOOD RD
GREENBRIER
LAKEWOOD WAY
VELIE RD
Flow Direction

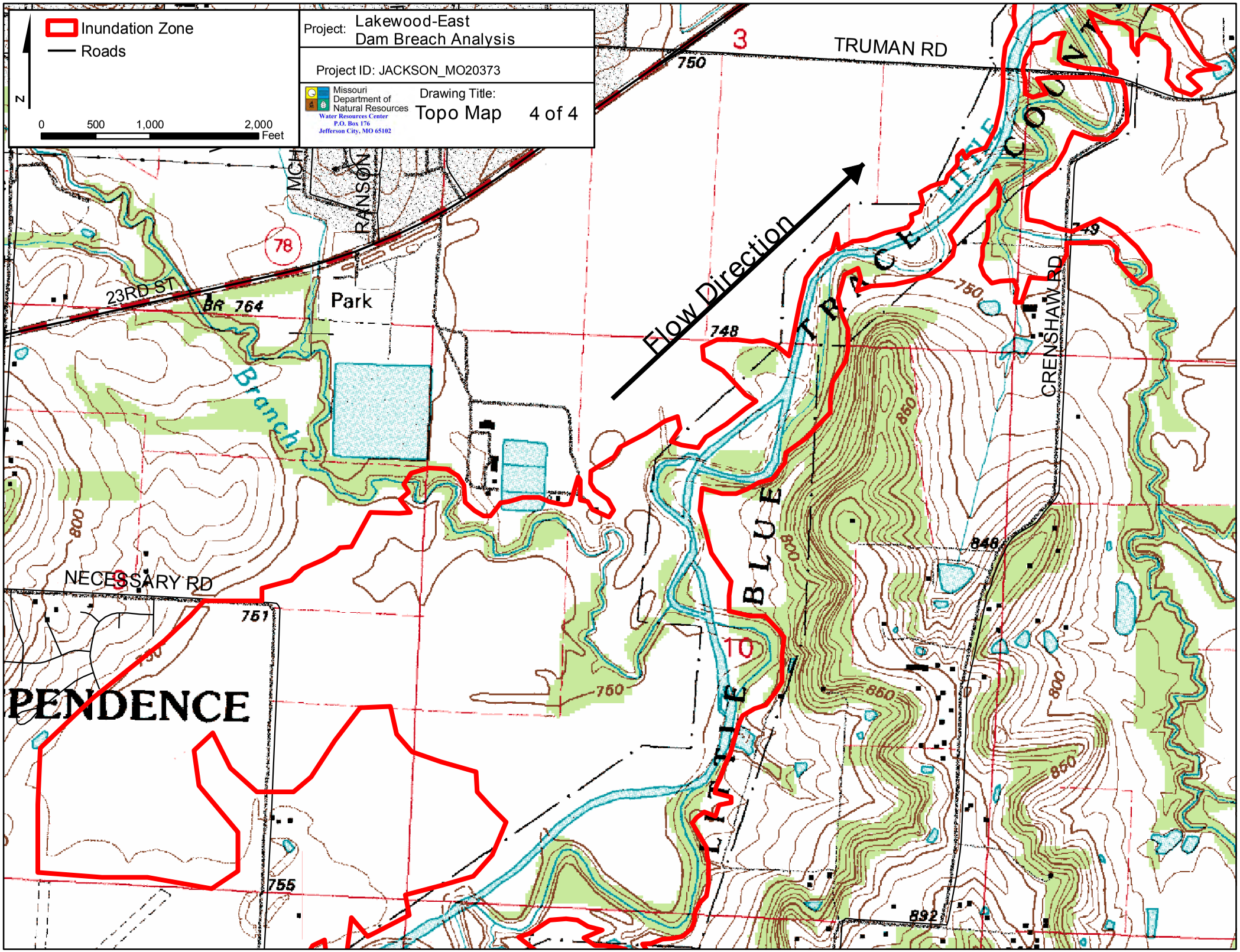

Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 4
BRIAR DR
R D MIZE RD
R D MIZE RD
EUREKA RD
R D MIZE RD
SIOUX AVE
SIOUX CT
SELSA RD
Flow Direction
JACKSON DR
39TH ST
Gulf Mobile and Ohio RR
I - 70
I - 70


Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 4 of 4
TRUMAN RD
MCH
RANSON
23RD ST
Flow Direction
CRENSHAW RD
NECESSARY RD


51 ST
52ND ST
51 TER
52ND ST
DOWNEY AVE
MEGAN DR
H ST
B ST
I ST
J ST
L ST
TIERNEY DR
TRACI
LEES SUMMIT
PHELPS RD
RIVER
VELIE RD
774
738
Fish Hatchery
Mill
Brook
Quarry
Flow Direction
BLUE
Ponds
R 32 W
R 31 W
LEES SUMMIT RD
CORP BDY
HARDING RD
LEES
MAYBROOK RD
LAKEWOOD BLVD
36
31
31
1
6
6
6
900
850
800
Inundation Zone
Reservoir
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 4


Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 4
39TH ST
JACKSON DR
I-70
OLD 71 BYPASS
Crackerneck Country Club
FALL DR
CHIEF RD
U S HWY 40
SELSA RD
HEARTLAND AVE
47TH DR
GLENVIEW AVE
48TH ST
VALLEY VIEW RD
TRACE
50TH TER
51ST CT
INDEPENDENCE
LEES SUMMIT
CORPORATE BDY
FAIRVIEW
GREENWOOD RD
I-470
Flow Direction
LAKEWOOD WAY
GREENBRIER
East Fork
VELIE RD
BDY
21
29
28
32
33
40
800
850
770
760
768
782
886

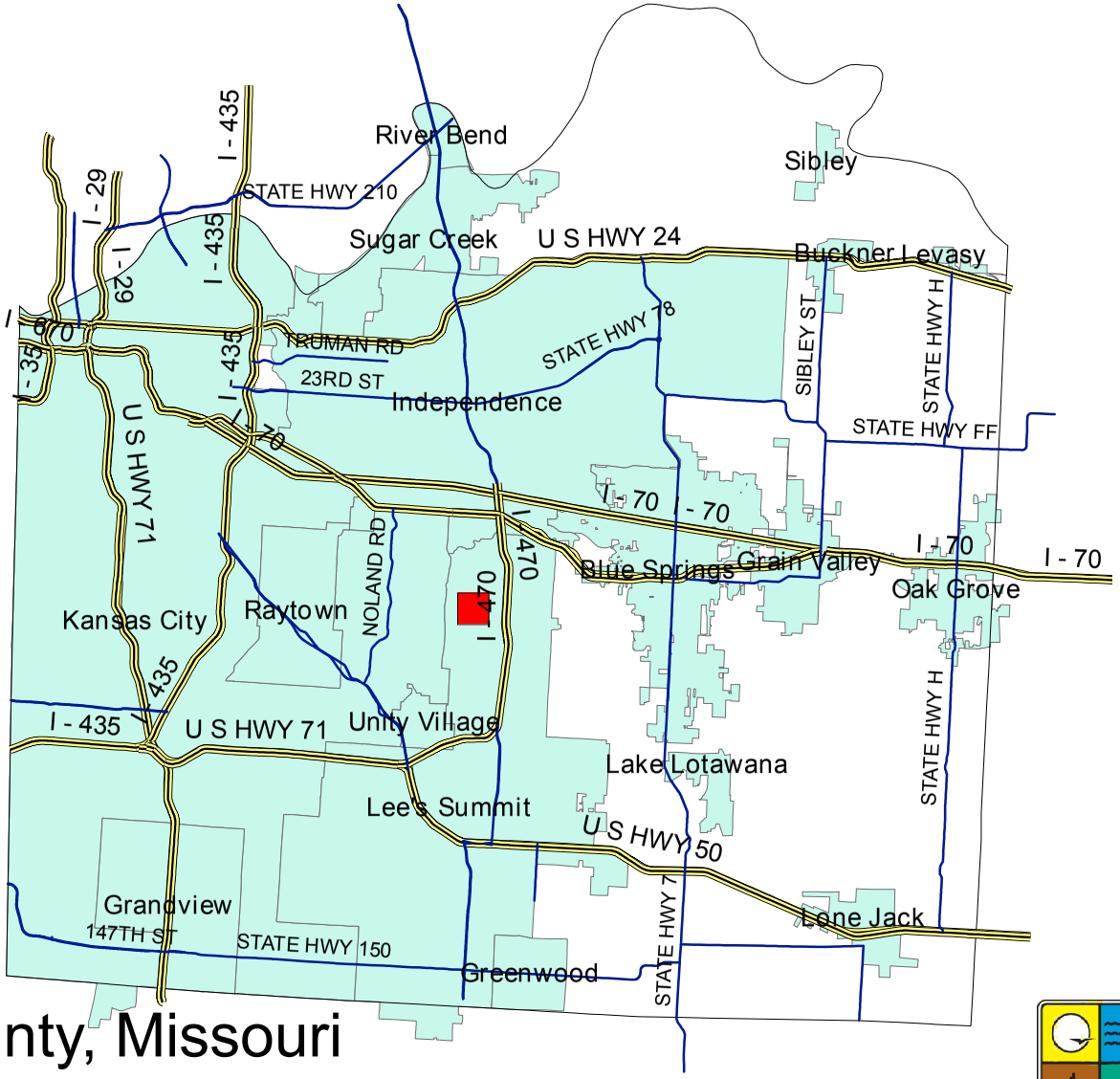

Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
3 of 4
BRIAR DR
R D MIZE RD
R D MIZE RD
ROAD
EUREKA RD
R D MIZE RD
SIOUX AVE
SIOUX CT
SELSA RD
Flow Direction
LITTLE BLUE TRACE
COUNTY PARK
JACKSON DR
Selsa
39TH ST
Gulf Mobile and Ohio RR
Quarry
Pit
I-70
I-70
BLUE
FORK
760
800
850
900


Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-East Dam Breach Analysis
Project ID: JACKSON_MO20373
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
4 of 4
TRUMAN RD
3
750
MCH
RANSON
78
23RD ST
BR 764
Park
Branch
Flow Direction
LITTLE BLUE TRACE
LITTLE BLUE
CRENSHAW RD
748
750
860
800
846
NECESSARY RD
751
10
PENDENCE
755
892

2/2/10

Lakewood-West Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO20242

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20242

County: JACKSON

Location: S07, T48 N, R31 W

Height of Dam: 84'

Storage Capacity (Normal Pool): 3591 ac-ft (West Lake only)

Tributary: West Fork of May Brook

Lake Area: 146 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 135’

Bottom elevation: 799’

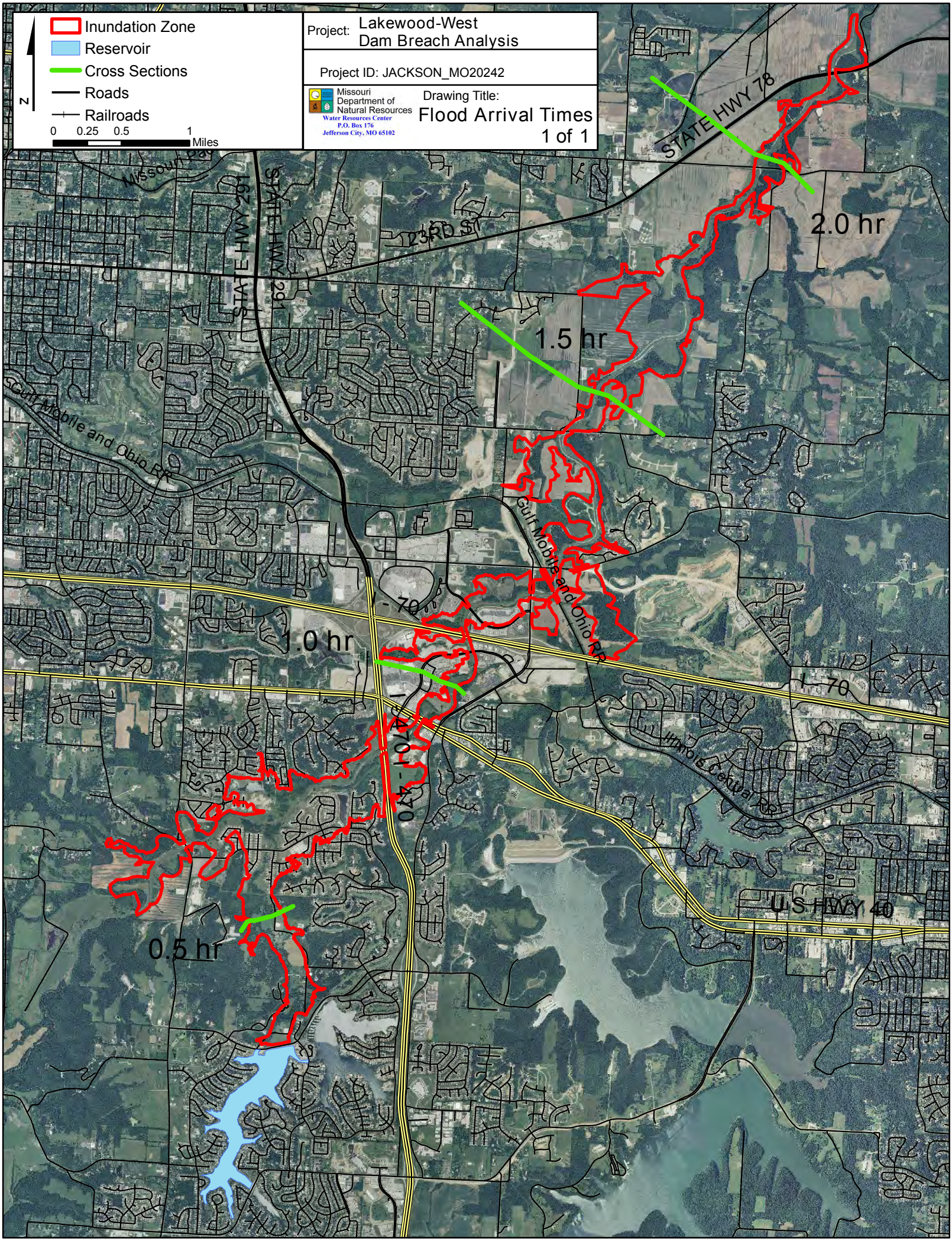
Breach formation time: 0.705 hr

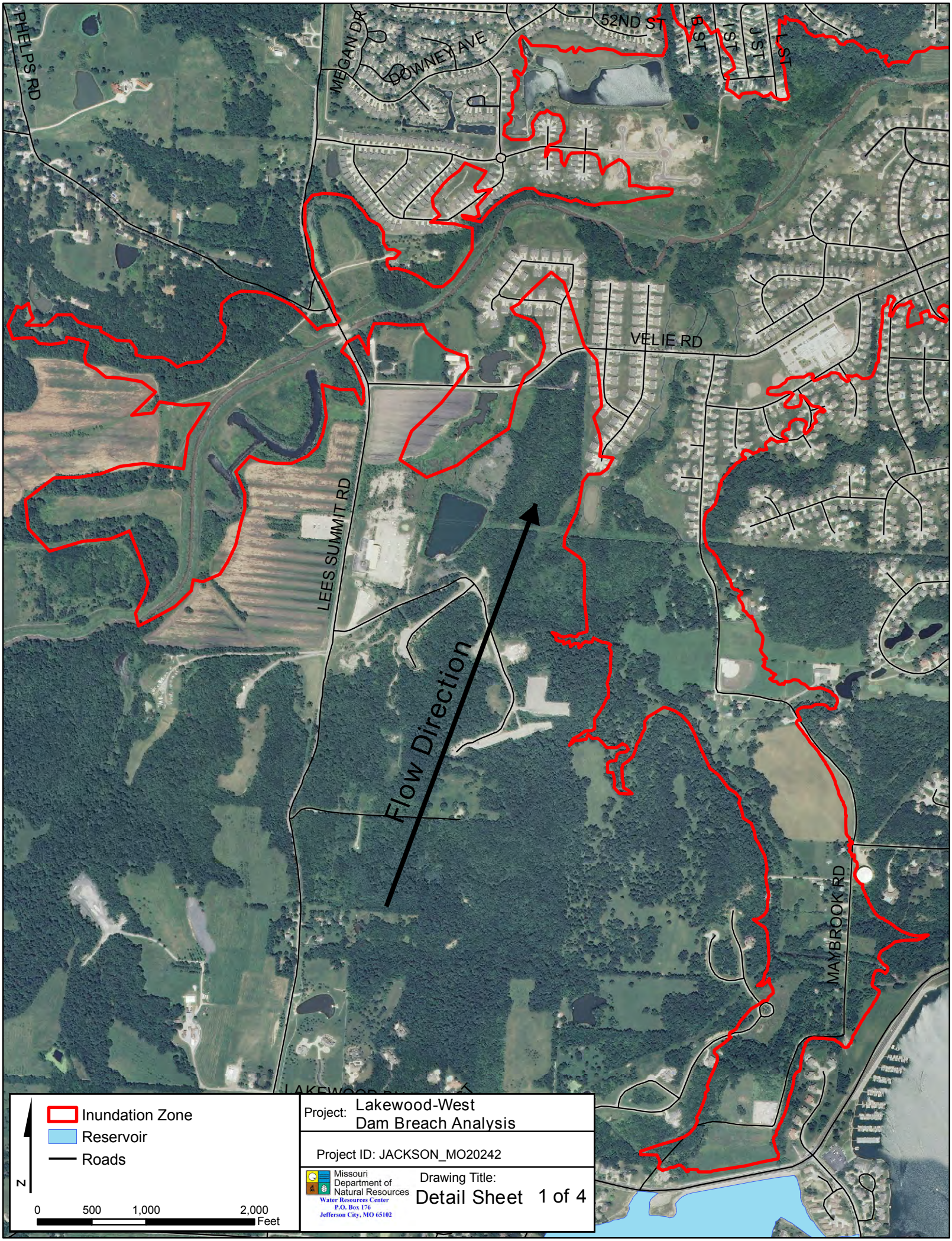
Pool Elevation at Failure: 858.09’

Pool Volume at Failure: 5951 ac-ft

Date of Aerial Photo: August 8, 2009

Project:	Lakewood-West Dam Breach Analysis
Drawing Title:	Explanation Sheet 1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20242


Inundation Zone
Reservoir
Cross Sections
Roads
Railroads
N
0 0.25 0.5 1 Miles
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
STATE HWY 78
2.0 hr
1.5 hr
1.0 hr
0.5 hr
STATE HWY 291
23RD ST
Missouri Pac
Gulf Mobile and Ohio RR
I-70
I-470
Illinois Central RR
U.S. HWY 40


PHELPS RD
MEGAN DR
DOWNEY AVE
52ND ST
B ST
I ST
J ST
L ST
VELIE RD
LEES SUMMIT RD
Flow Direction
MAYBROOK RD
Inundation Zone
Reservoir
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet
1 of 4

Inundation Zone
Roads

N

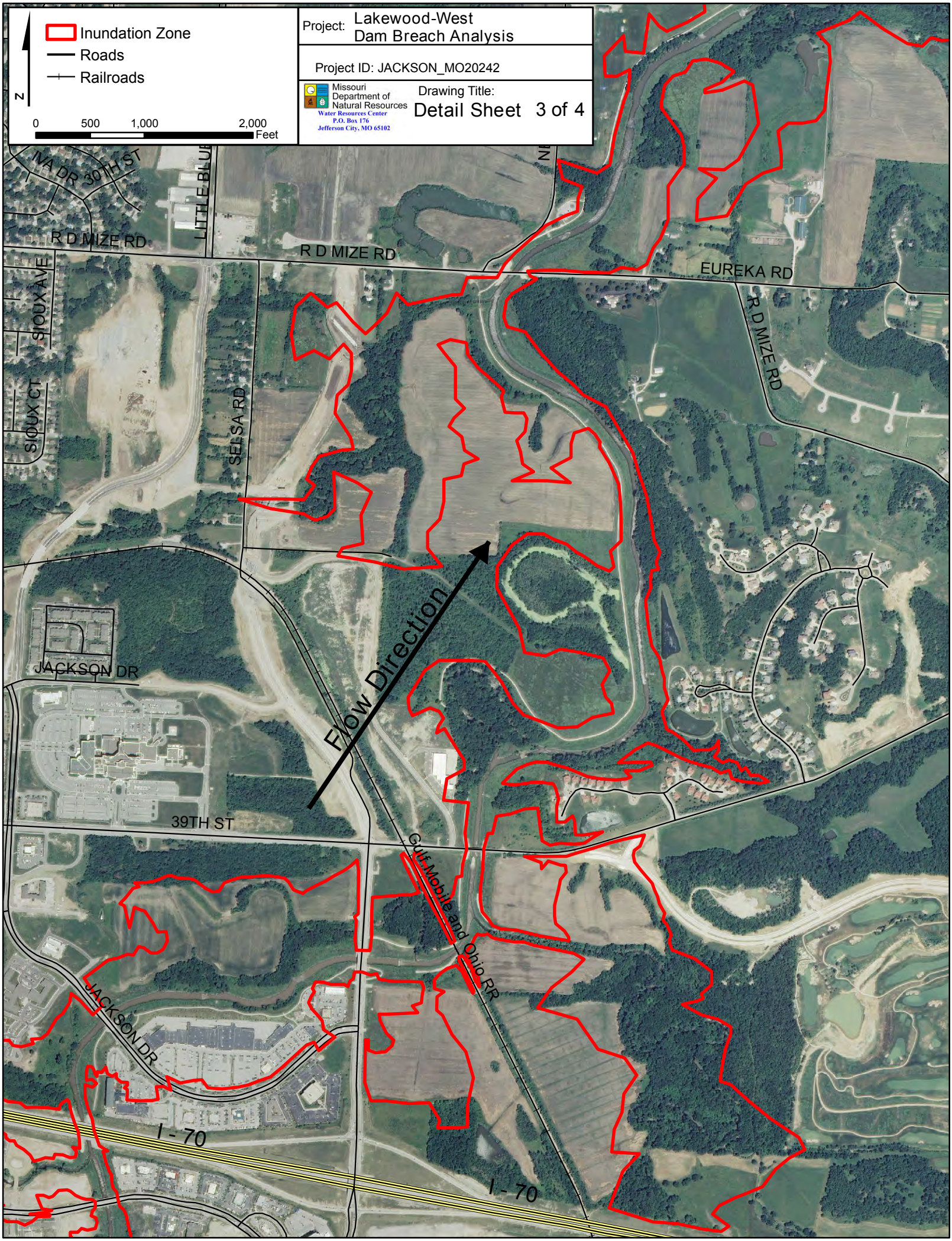
0 500 1,000 2,000 Feet

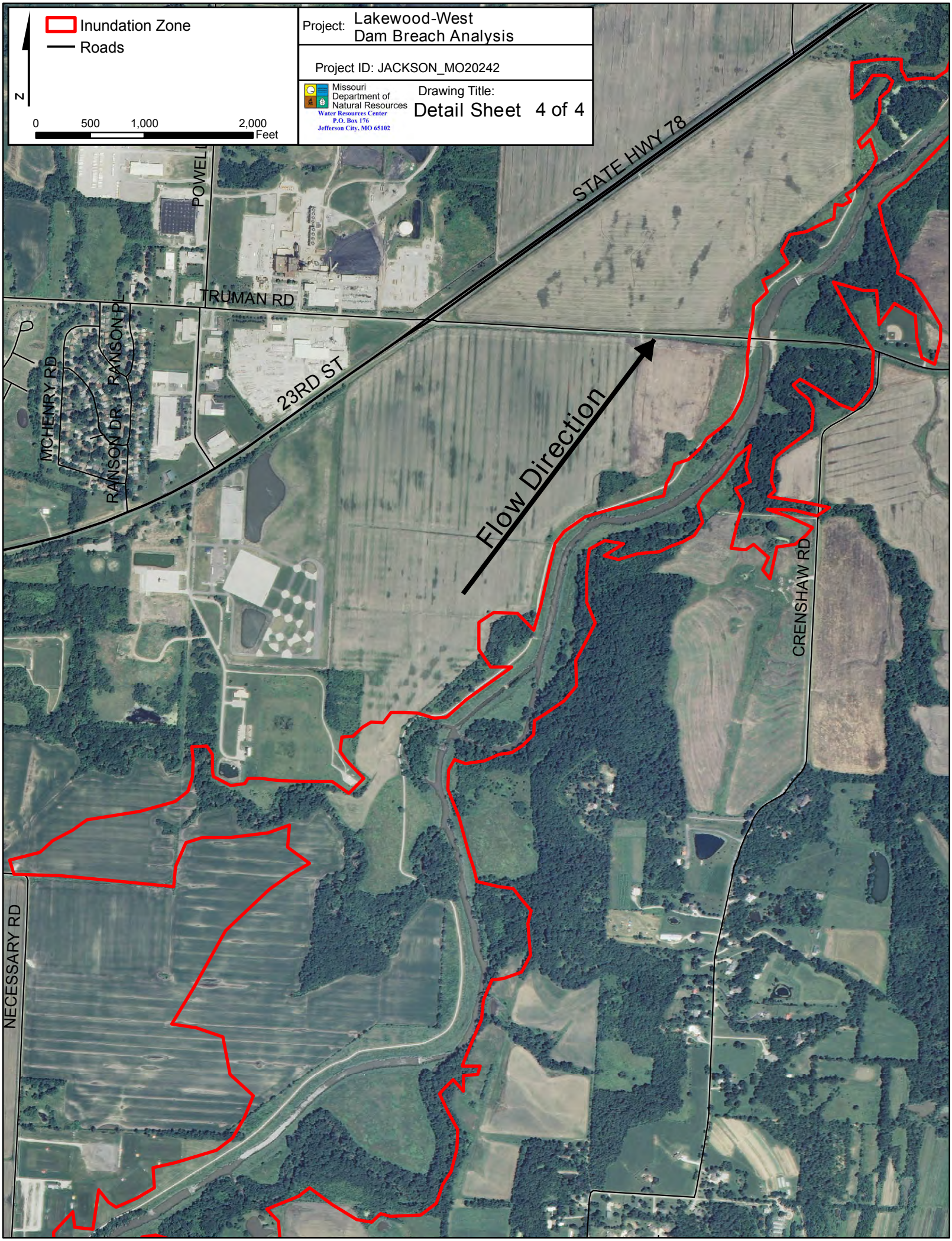
Project: Lakewood-West Dam Breach Analysis

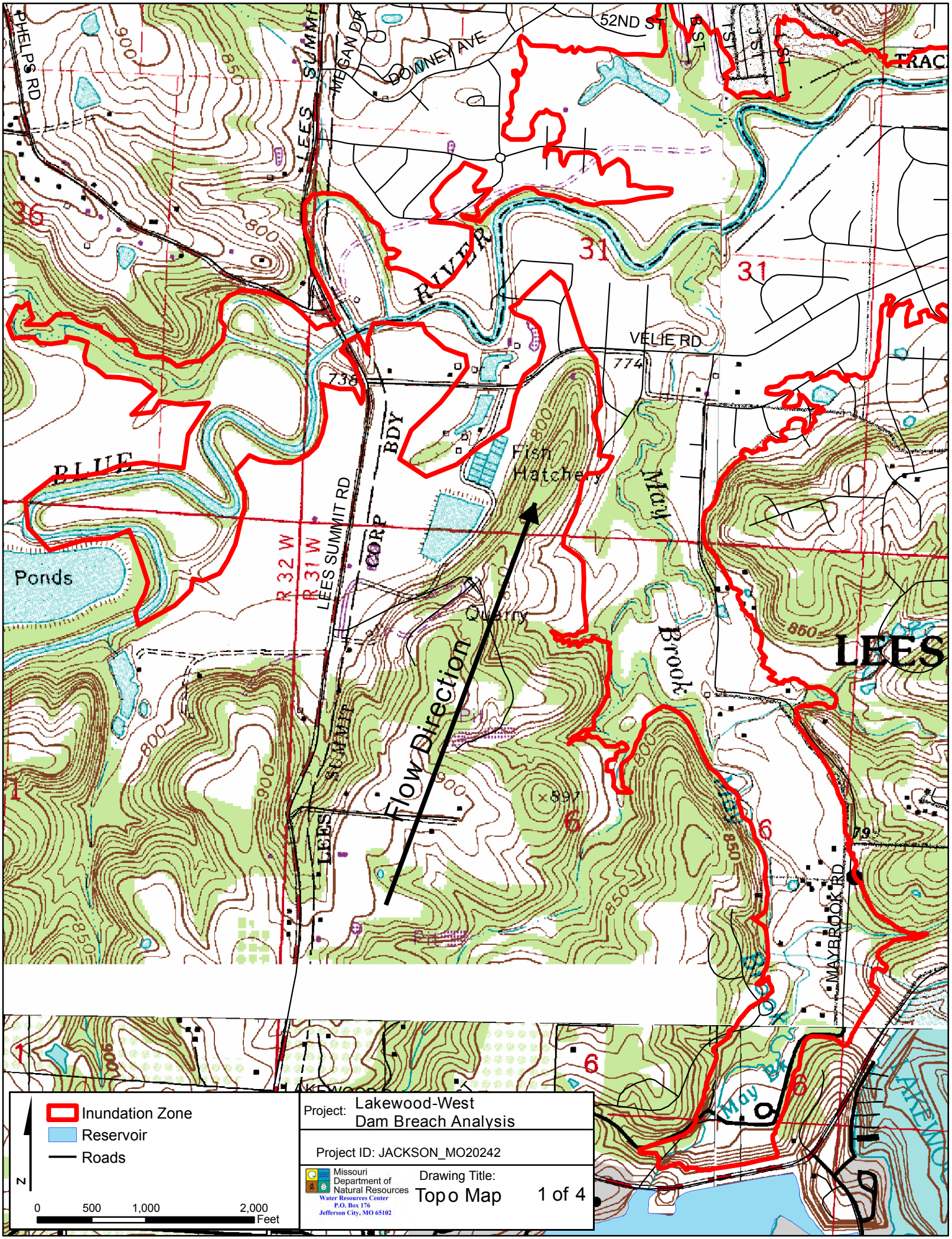
Project ID: JACKSON_MO20242

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Drawing Title: Detail Sheet 2 of 4


Inundation Zone
Roads
Railroads
N
0
500
1,000
2,000
Feet
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 4
INA DR
30TH ST
LITTLE BLUE
R D MIZE RD
R D MIZE RD
EUREKA RD
R D MIZE RD
SIOUX AVE
SIOUX CT
SELSA RD
Flow Direction
JACKSON DR
39TH ST
Gulf Mobile and Ohio RR
JACKSON DR
I - 70
I - 70


Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 4 of 4
STATE HWY 78
POWELL
TRUMAN RD
23RD ST
MCHENRY RD
RANSON PL
RANSON DR
Flow Direction
CRENSHAW RD
NECESSARY RD


PHELPS RD
LEES SUMMIT
MEGAN DR
DOWNEY AVE
52ND ST
8 ST
7 ST
6 ST
5 ST
TRACK
36
31
31
RIVER
VELIE RD
774
738
BLUE
BDY
Fish Hatchery
May
Ponds
R 32 W
R 31 W
LEES SUMMIT RD
CORP
Quarry
Flow Direction
Brook
LEES
LEES
SUMMIT
1
6
6
6
MAYBROOK RD
May Brk
Brook
Inundation Zone
Reservoir
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 4

Inundation Zone
Roads

N

0 500 1,000 2,000 Feet

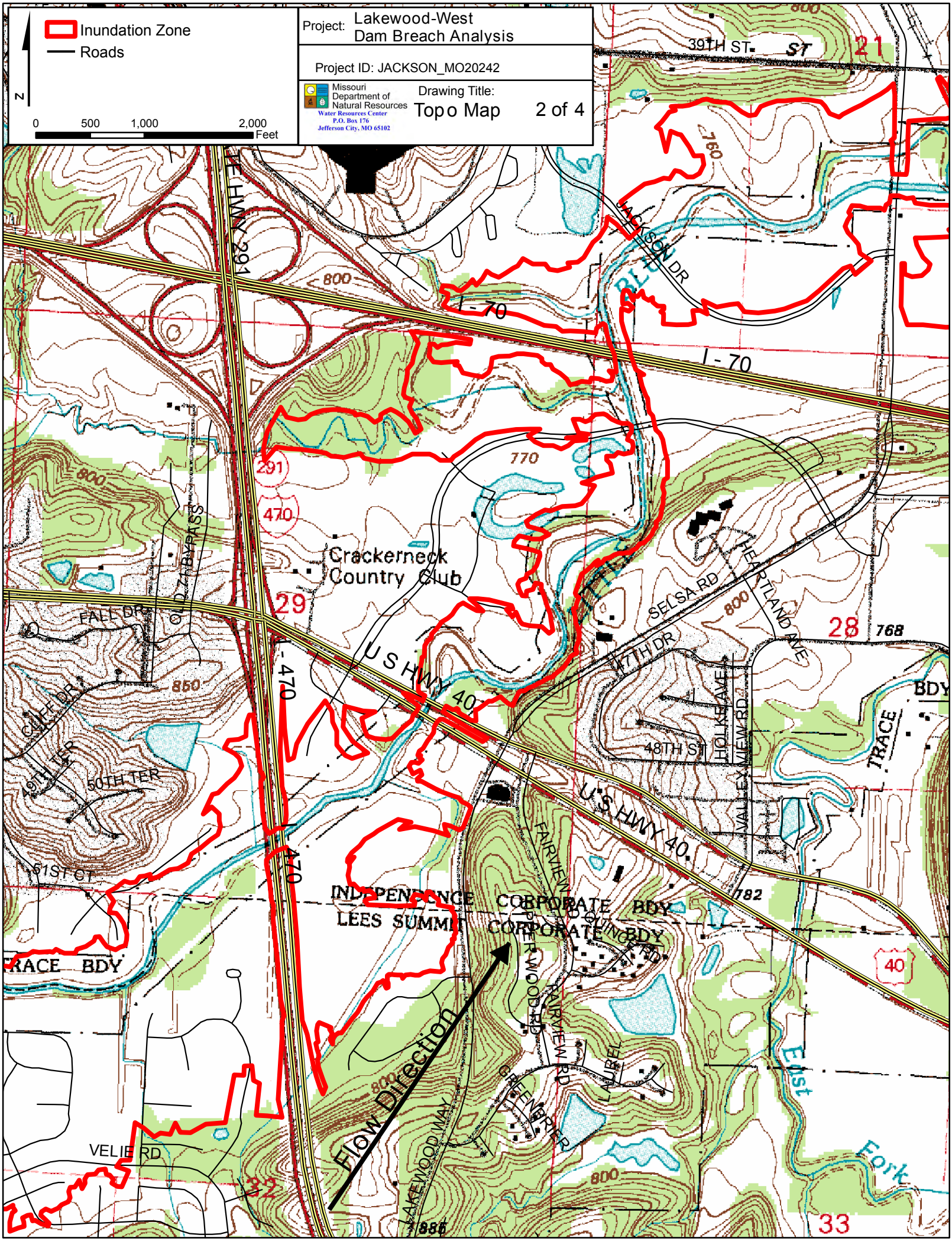
Project: Lakewood-West Dam Breach Analysis

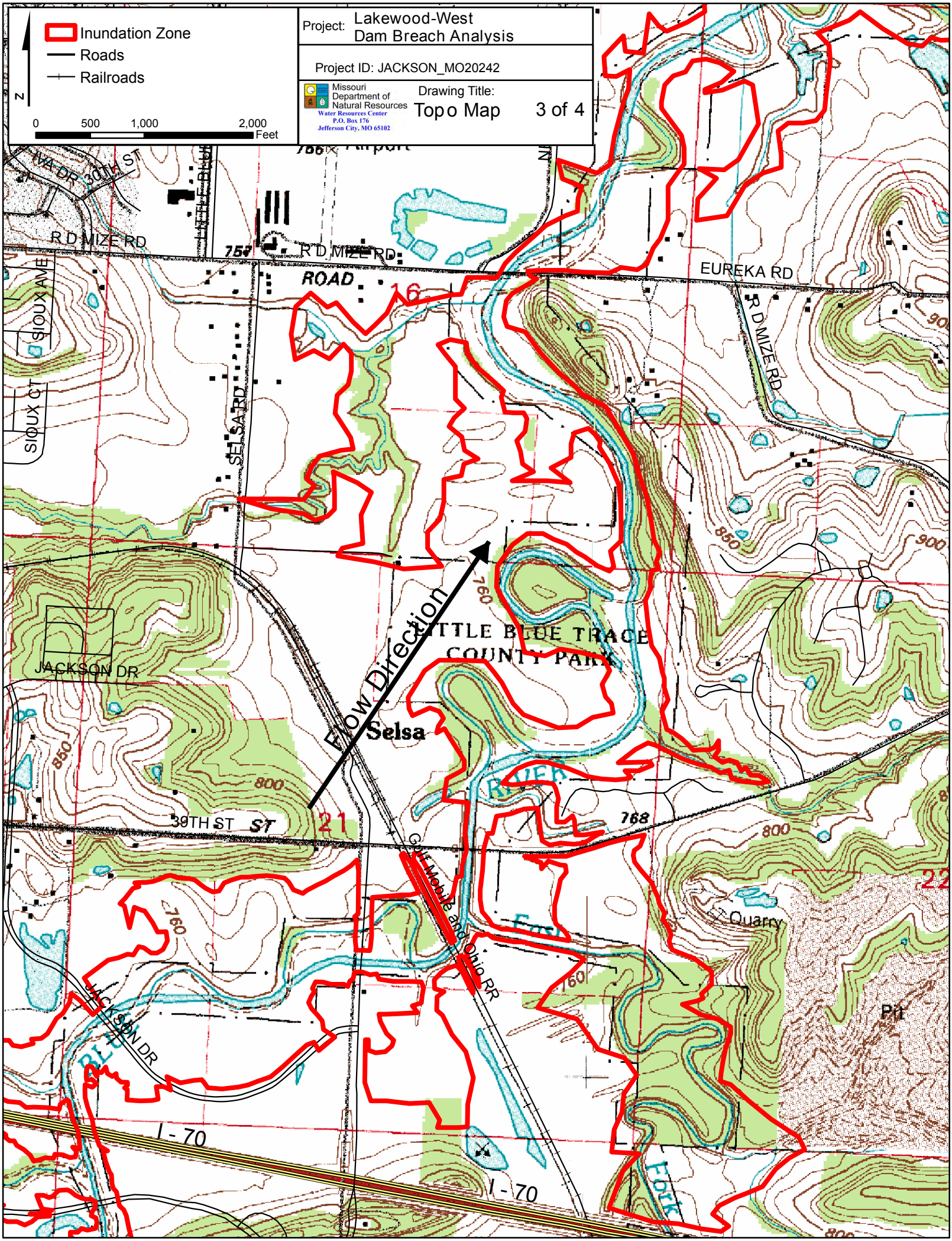
Project ID: JACKSON_MO20242

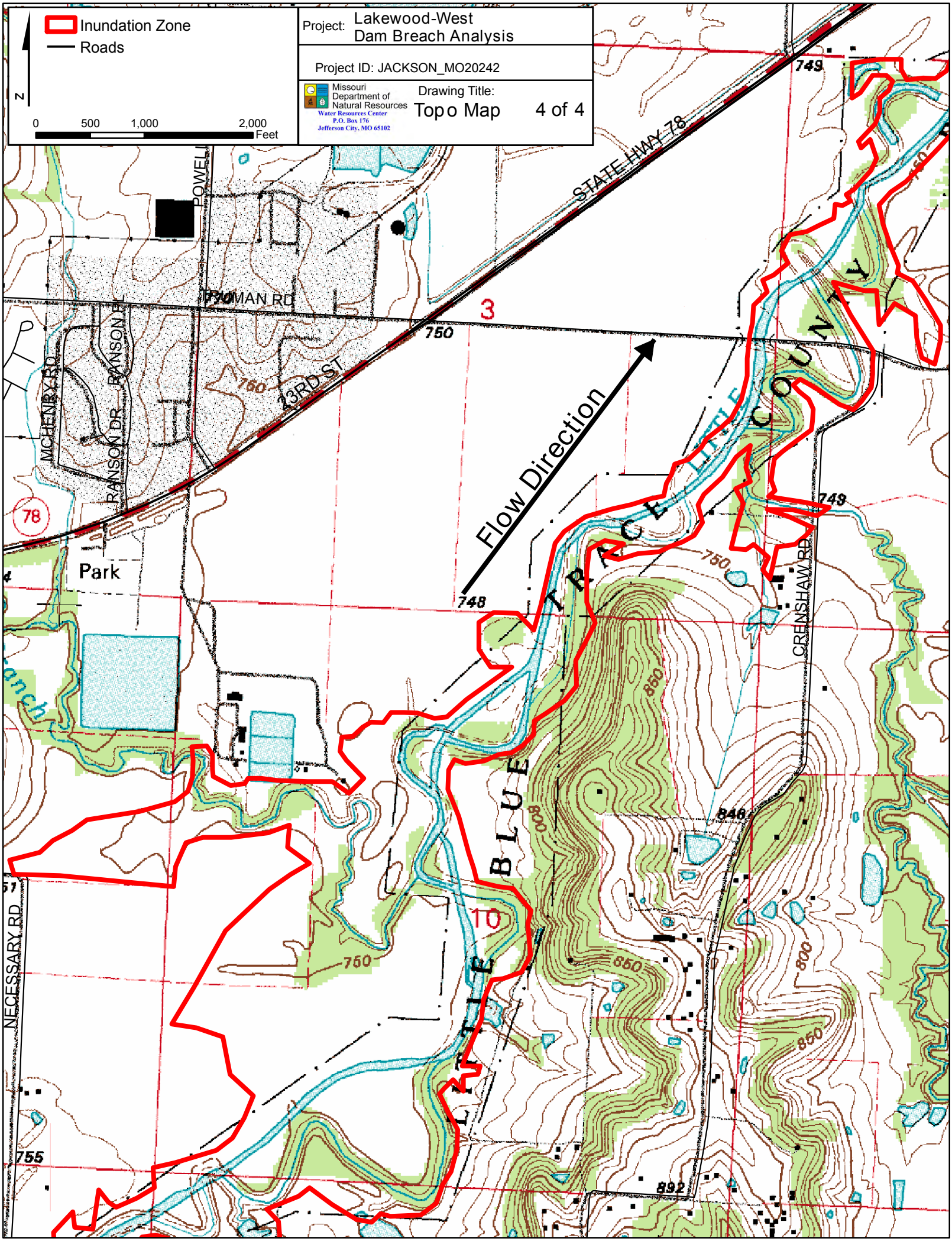
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

Drawing Title: Topo Map

2 of 4



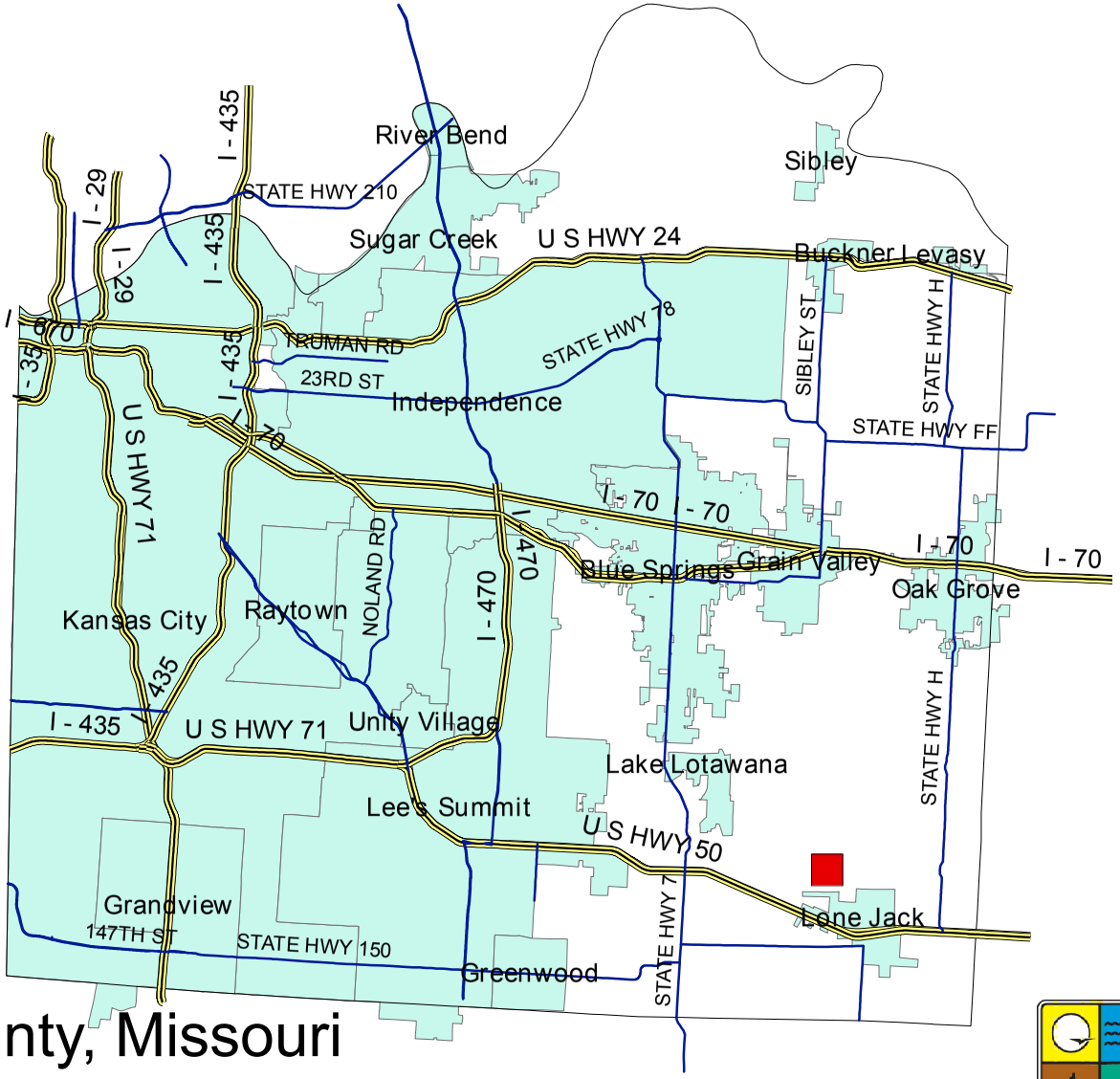

Inundation Zone
Roads
Railroads
N
0
500
1,000
2,000
Feet
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
3 of 4
IVA DR
30TH ST
R D MIZE RD
ROAD
EUREKA RD
SIOUX AVE
SIOUX CT
SELSA RD
JACKSON DR
Flow Direction
LITTLE BLUE TRACE COUNTY PARK
Selsa
39TH ST
Gulf Mobile and Ohio RR
Quarry
Pit
I - 70
I - 70


Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lakewood-West Dam Breach Analysis
Project ID: JACKSON_MO20242
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
4 of 4
STATE HWY 78
POWELL
TOMAN RD
23RD ST
MCHENRY RD
RANSON DR
RANSON PL
Park
Flow Direction
LITTLE BLUE TRACE
LITTLE BLUE
CRENSHAW RD
NECESSARY RD
3
10
78
749
750
748
755
892
848
850
800

11/17/09

Lone Jack Lake Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO20768

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

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The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

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Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20768

County: JACKSON

Location: S11, T47 N, R30 W

Height of Dam: 47'

Storage Capacity (Normal Pool): 400 ac-ft

Tributary: Unnamed trib. to Sni-a-bar Creek

Lake Area: 32 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 39.6'

Bottom elevation: 893'

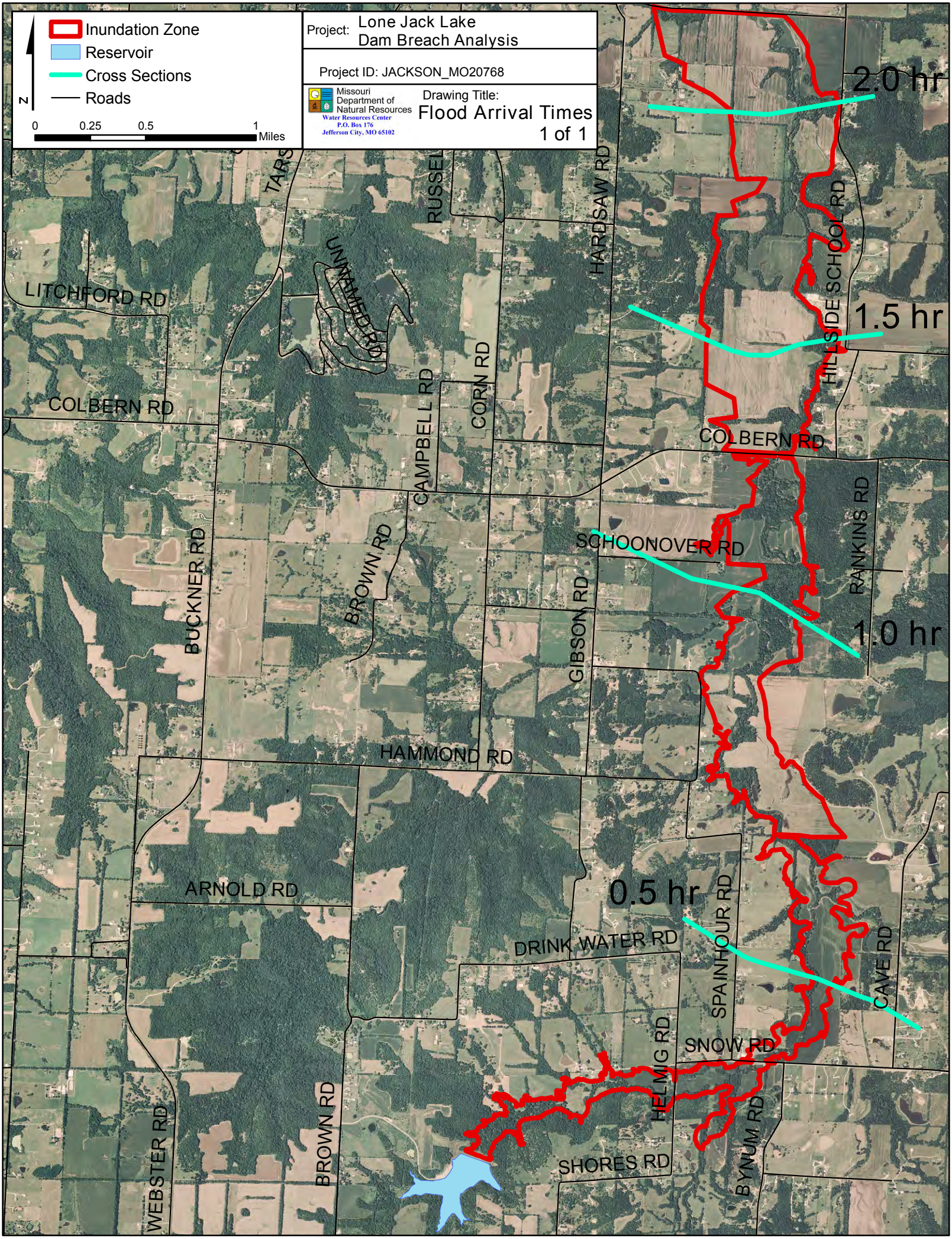
Breach formation time: 0.31 hr

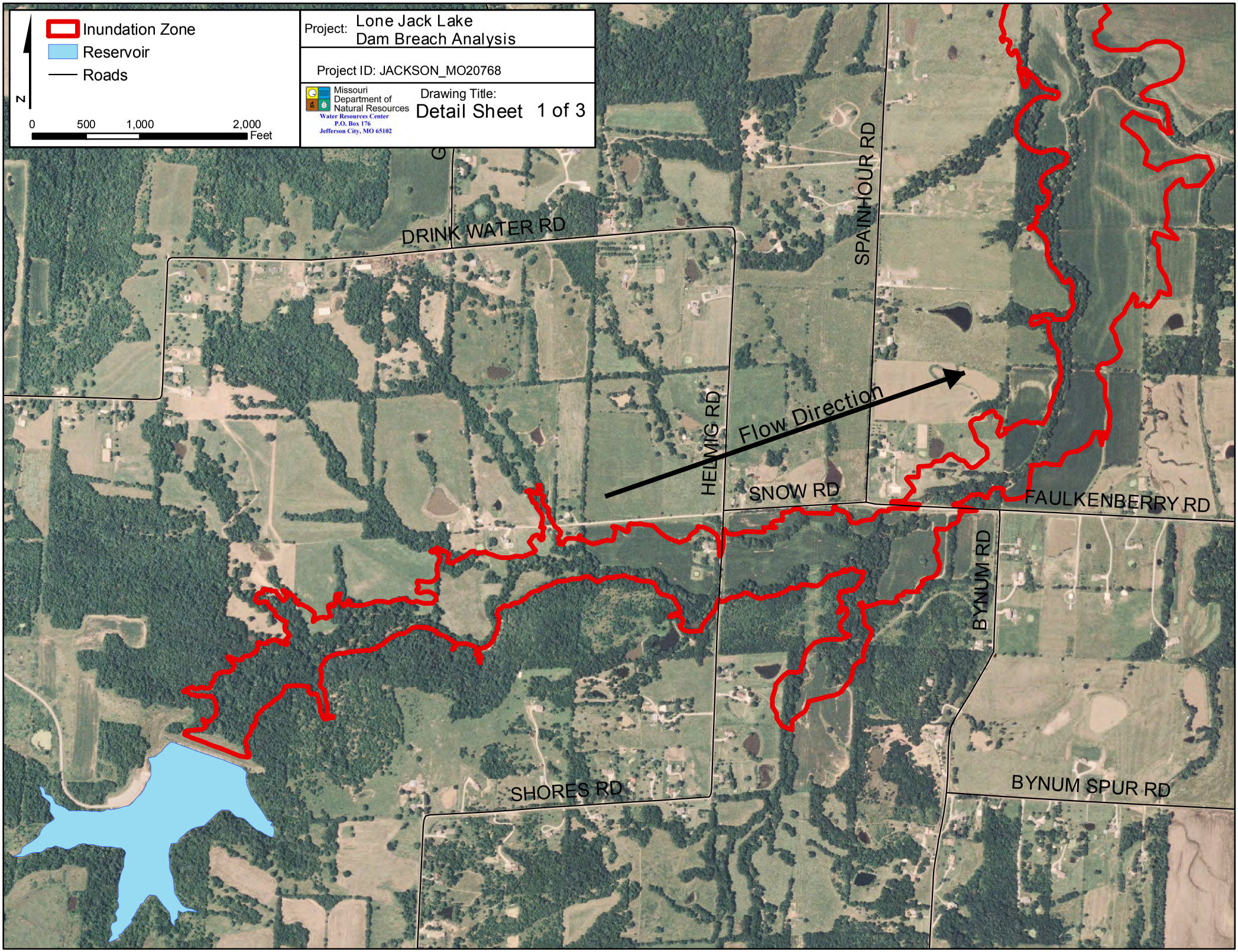
Pool Elevation at Failure: 930.04'

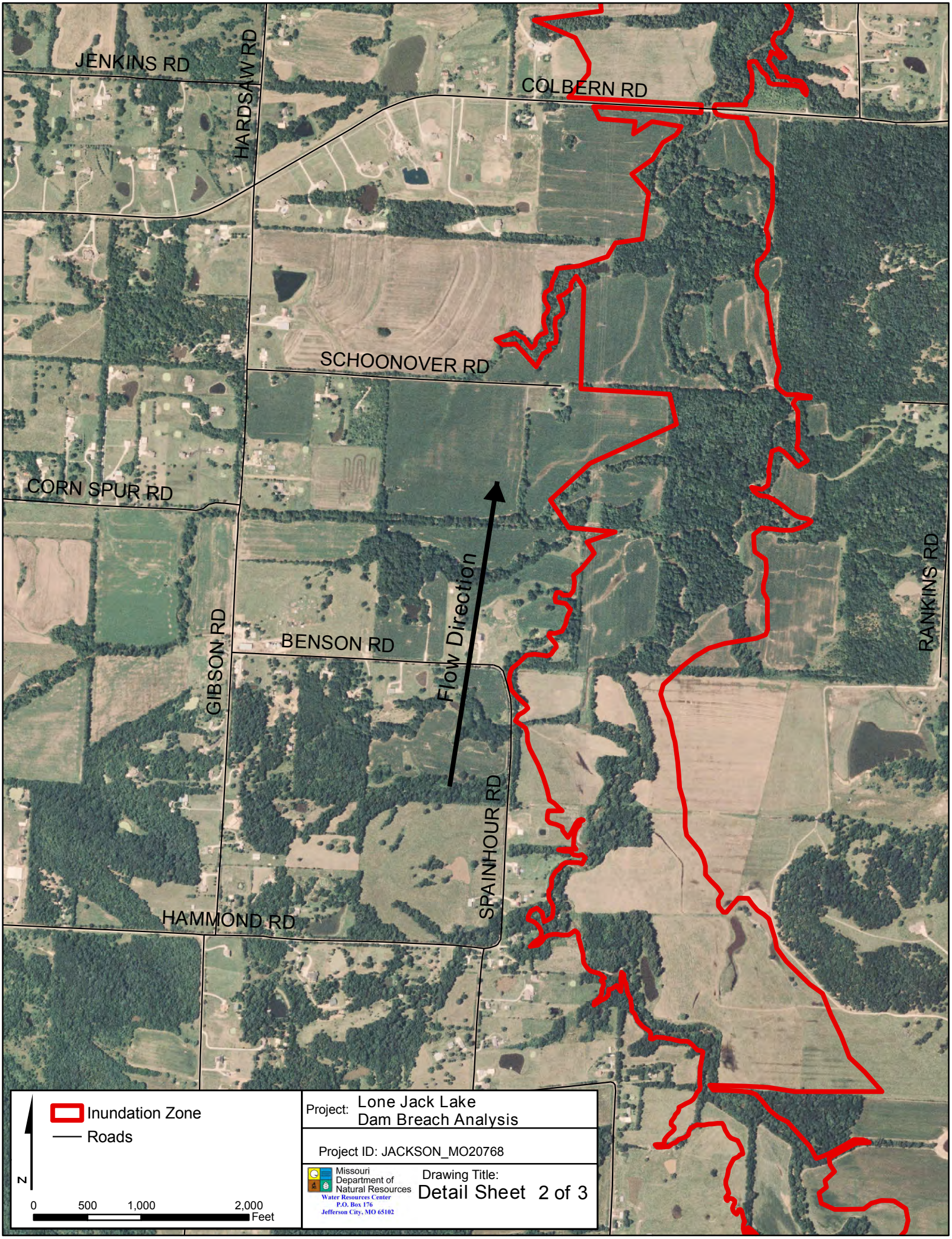
Pool Volume at Failure: 568 ac-ft

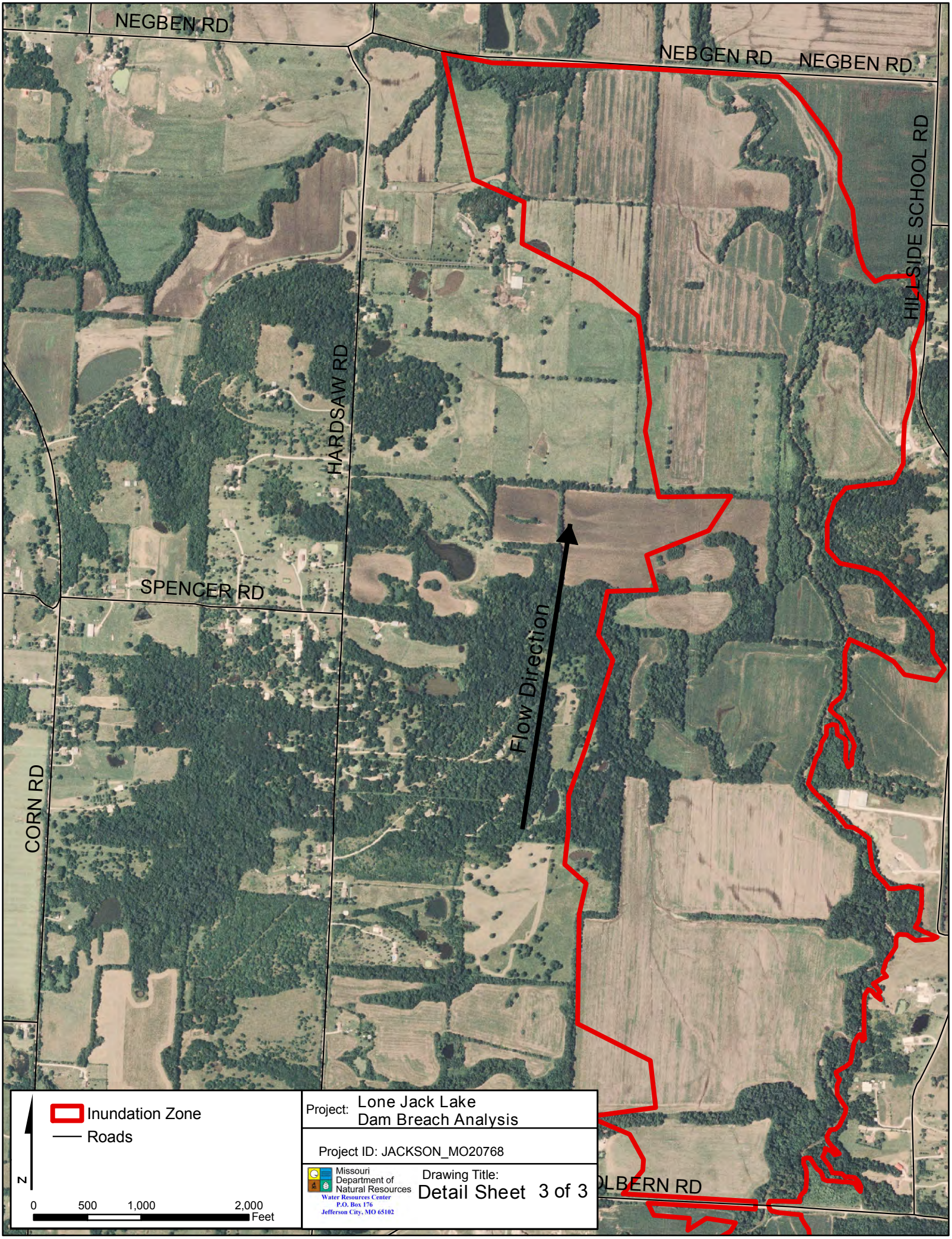
Date of Aerial Photo: August 22, 2007

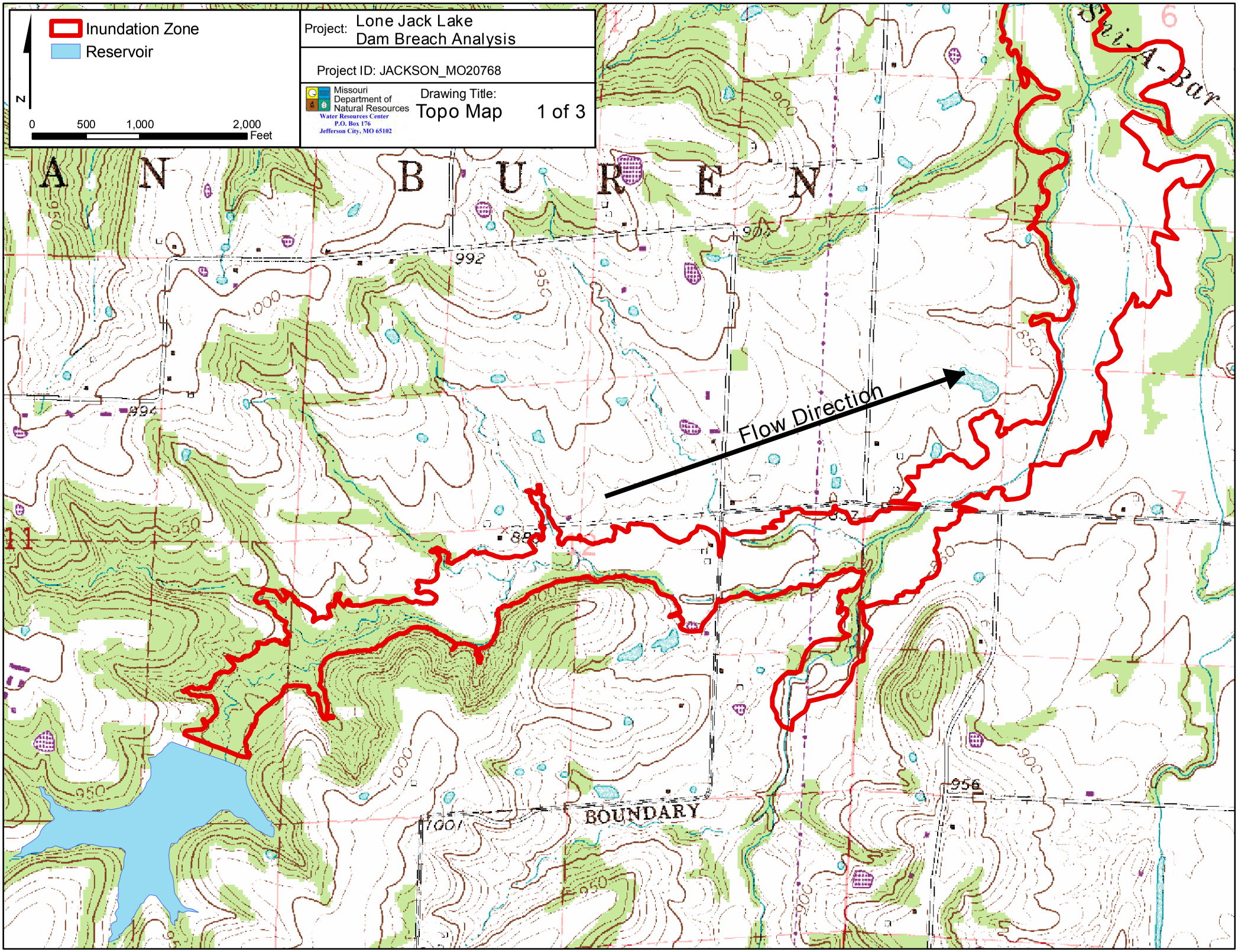
Project: Lone Jack Lake Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20768

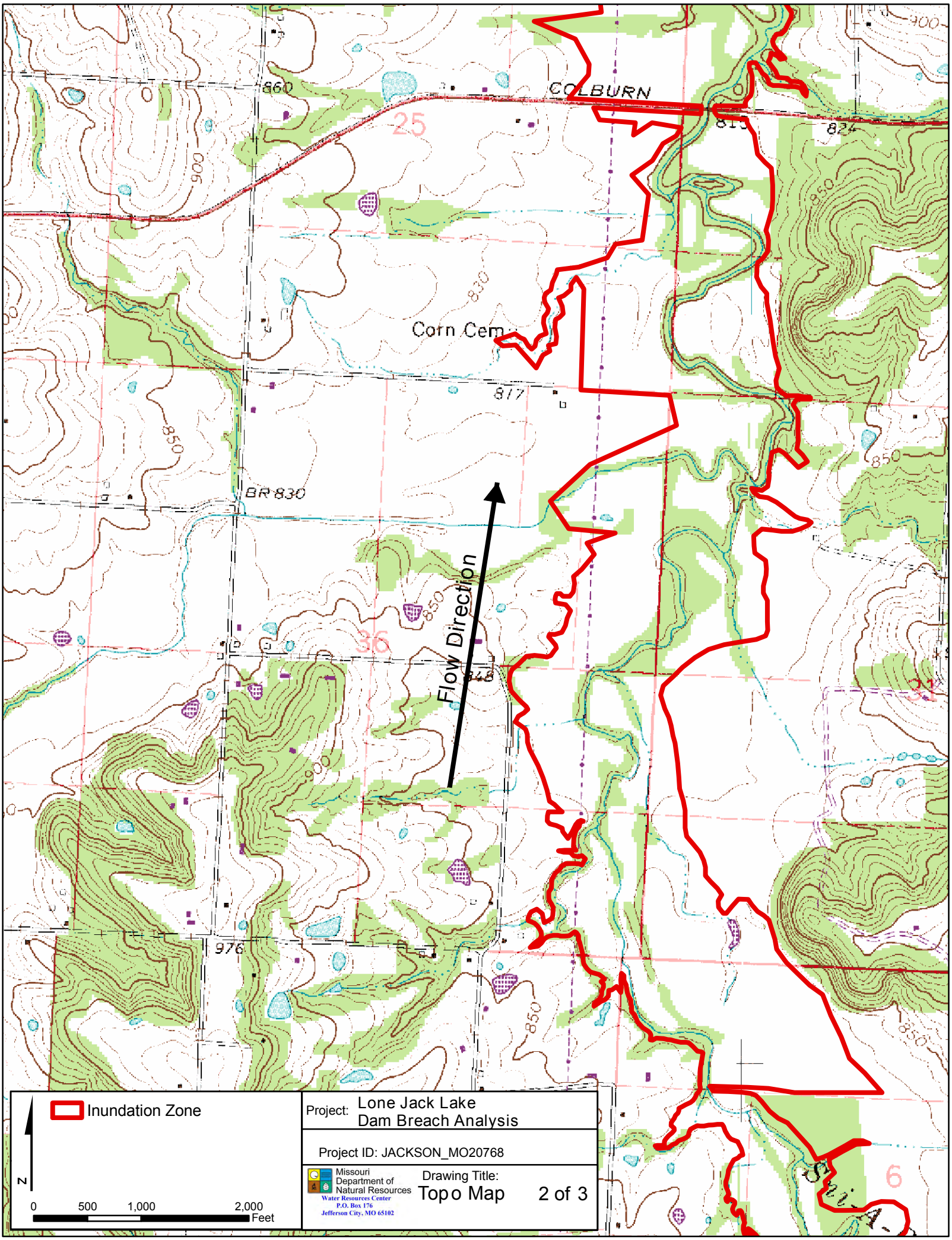

Inundation Zone
Reservoir
Cross Sections
Roads
N
0
0.25
0.5
1
Miles
Project: Lone Jack Lake
Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
2.0 hr
1.5 hr
1.0 hr
0.5 hr
LITCHFORD RD
COLBERN RD
TARS
RUSSEL
UNNAMED RD
HARDSAW RD
HILLSIDE SCHOOL RD
CORN RD
CAMPBELL RD
COLBERN RD
BROWN RD
SCHOONOVER RD
RANKINS RD
BUCKNER RD
GIBSON RD
HAMMOND RD
ARNOLD RD
DRINK WATER RD
SPAINHOUR RD
CAVE RD
SNOW RD
HELMIG RD
BYNUM RD
SHORES RD
BROWN RD
WEBSTER RD

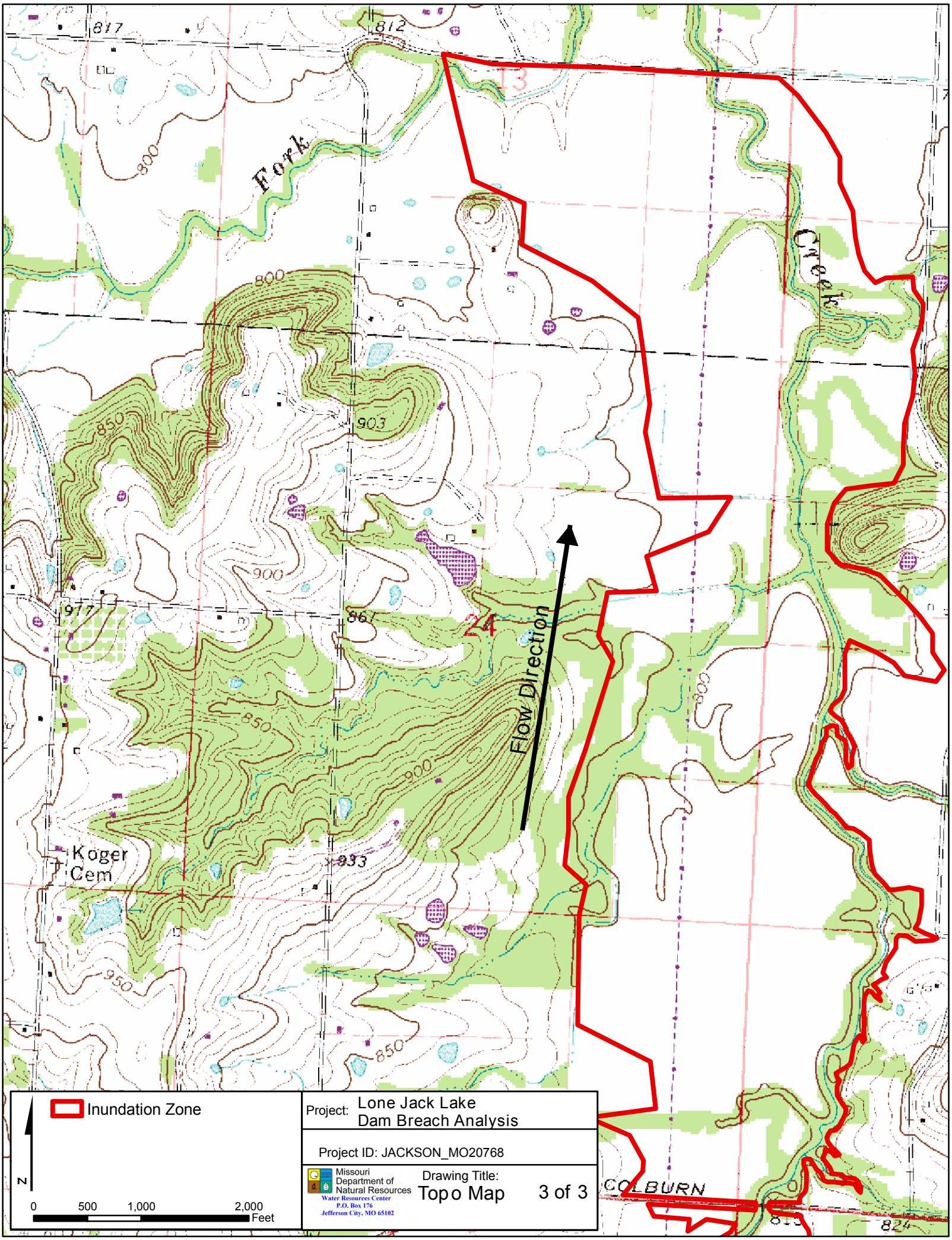

Inundation Zone
Reservoir
Roads
N
0
500
1,000
2,000
Feet
Project: Lone Jack Lake Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 3
DRINK WATER RD
SPAINHOUR RD
HELMIG RD
Flow Direction
SNOW RD
FAULKENBERRY RD
BYNUM RD
BYNUM SPUR RD
SHORES RD


JENKINS RD
HARDSAW RD
COLBERN RD
SCHOONOVER RD
CORN SPUR RD
Flow Direction
RANKINS RD
GIBSON RD
BENSON RD
SPAINHOUR RD
HAMMOND RD
Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lone Jack Lake
Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri
Department of
Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 3


NEGBEN RD
NEBGEN RD
NEGBEN RD
HILLSIDE SCHOOL RD
HARDSAW RD
SPENCER RD
CORN RD
Flow Direction
OLBERN RD
Inundation Zone
Roads
N
0
500
1,000
2,000
Feet
Project: Lone Jack Lake
Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri
Department of
Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 3


Inundation Zone
Reservoir
N
0
500
1,000
2,000
Feet
Project: Lone Jack Lake
Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 3
A N B U R E N
Flow Direction
BOUNDARY
992
994
956
950
1000
900
850

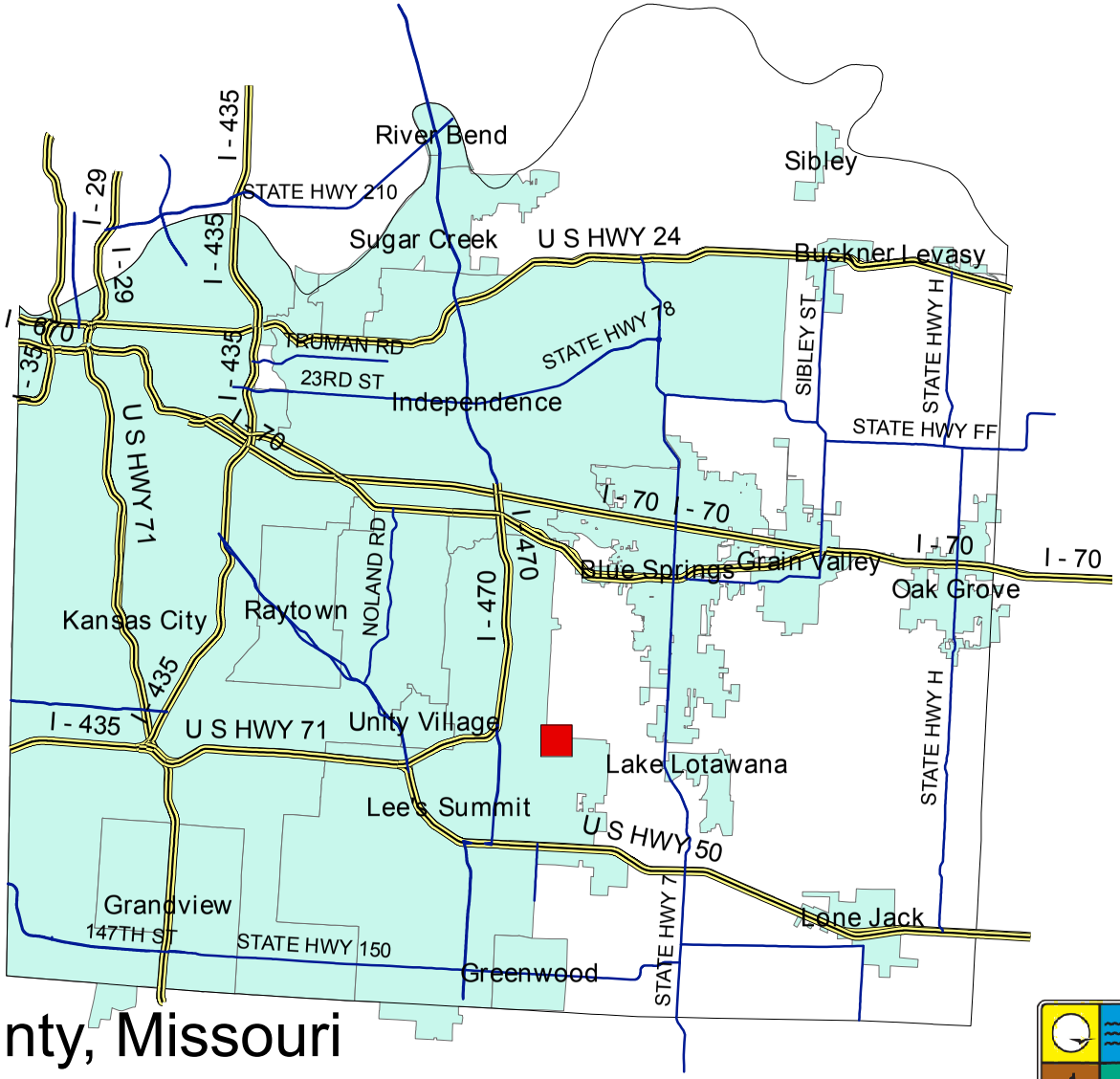

COLBURN
Corn Cem
BR 830
Flow Direction
Inundation Zone
N
0
500
1,000
2,000
Feet
Project: Lone Jack Lake
Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 3


Fork
Creek
Flow Direction
Koger Cem
COLBURN
Inundation Zone
N
0
500
1,000
2,000
Feet
Project: Lone Jack Lake Dam Breach Analysis
Project ID: JACKSON_MO20768
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
3 of 3

11/20/09

Prairie Lee Lake Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO10044

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_10044

County: JACKSON

Location: S34, T48 N, R31 W

Height of Dam: 69'

Storage Capacity (Normal Pool): 2600 ac-ft

Tributary: East Fork Little Blue River

Lake Area: 143 acres

Breach Parameters (Froehlich, 1995)

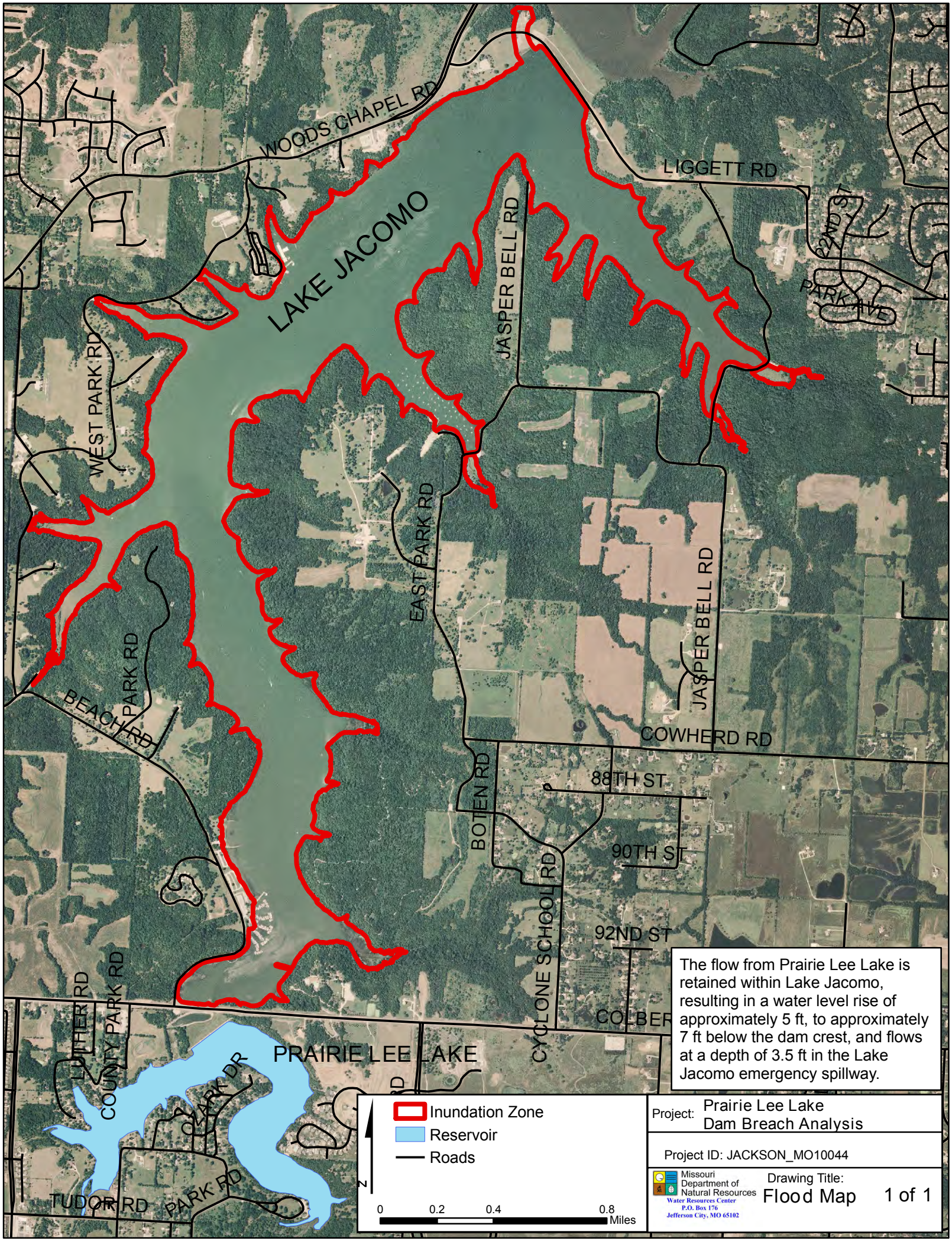
Side slopes: 1.4:1

Pool Elevation at Failure: 894.07'

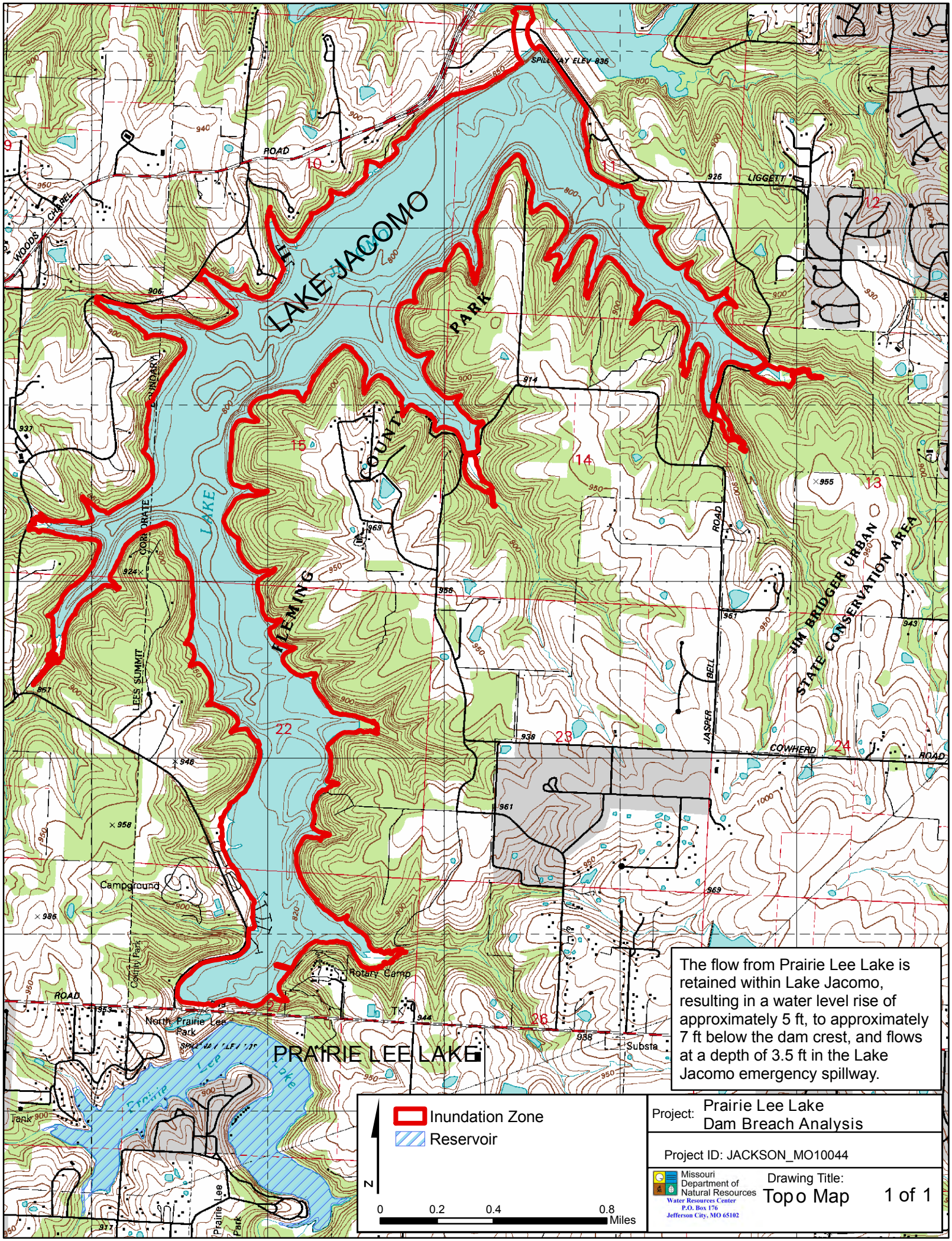
Pool Volume at Failure: 5540 ac-ft

Date of Aerial Photo: August 22, 2007

Project: Prairie Lee Lake Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO10044



The flow from Prairie Lee Lake is retained within Lake Jacomo, resulting in a water level rise of approximately 5 ft, to approximately 7 ft below the dam crest, and flows at a depth of 3.5 ft in the Lake Jacomo emergency spillway.



The flow from Prairie Lee Lake is retained within Lake Jacomo, resulting in a water level rise of approximately 5 ft, to approximately 7 ft below the dam crest, and flows at a depth of 3.5 ft in the Lake Jacomo emergency spillway.

Project: Prairie Lee Lake Dam Breach Analysis

Project ID: JACKSON_MO10044

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102

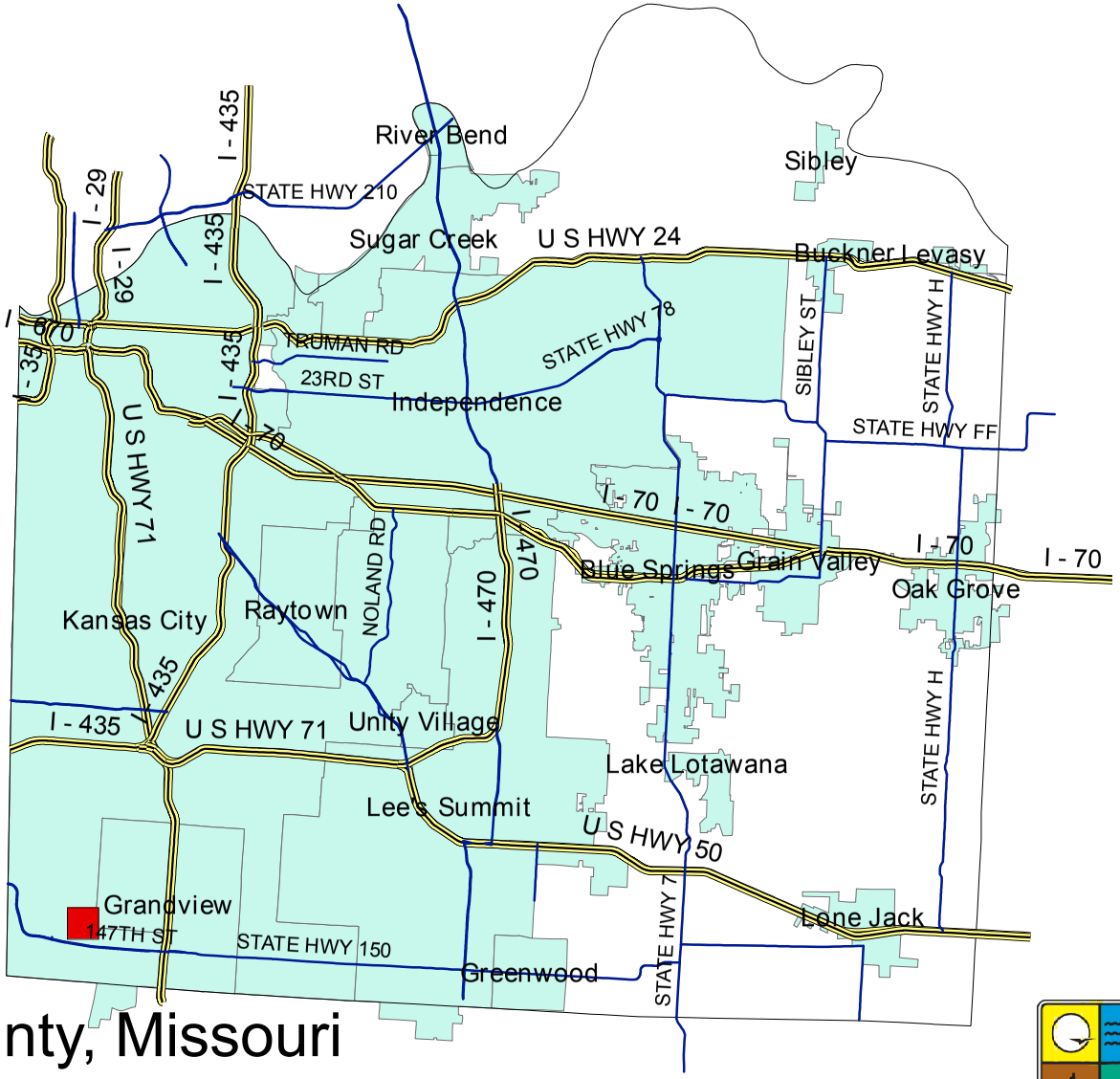
Drawing Title: Topo Map

1 of 1

11/16/09

Rosenfelt Lake Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO40116

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_40116

County: JACKSON

Location: S28, T47 N, R33 W

Height of Dam: 57'

Storage Capacity (Normal Pool): 238 ac-ft

Tributary: Unnamed Trib. to Blue River

Lake Area: 14.25 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 6.82'

Bottom elevation: 936'

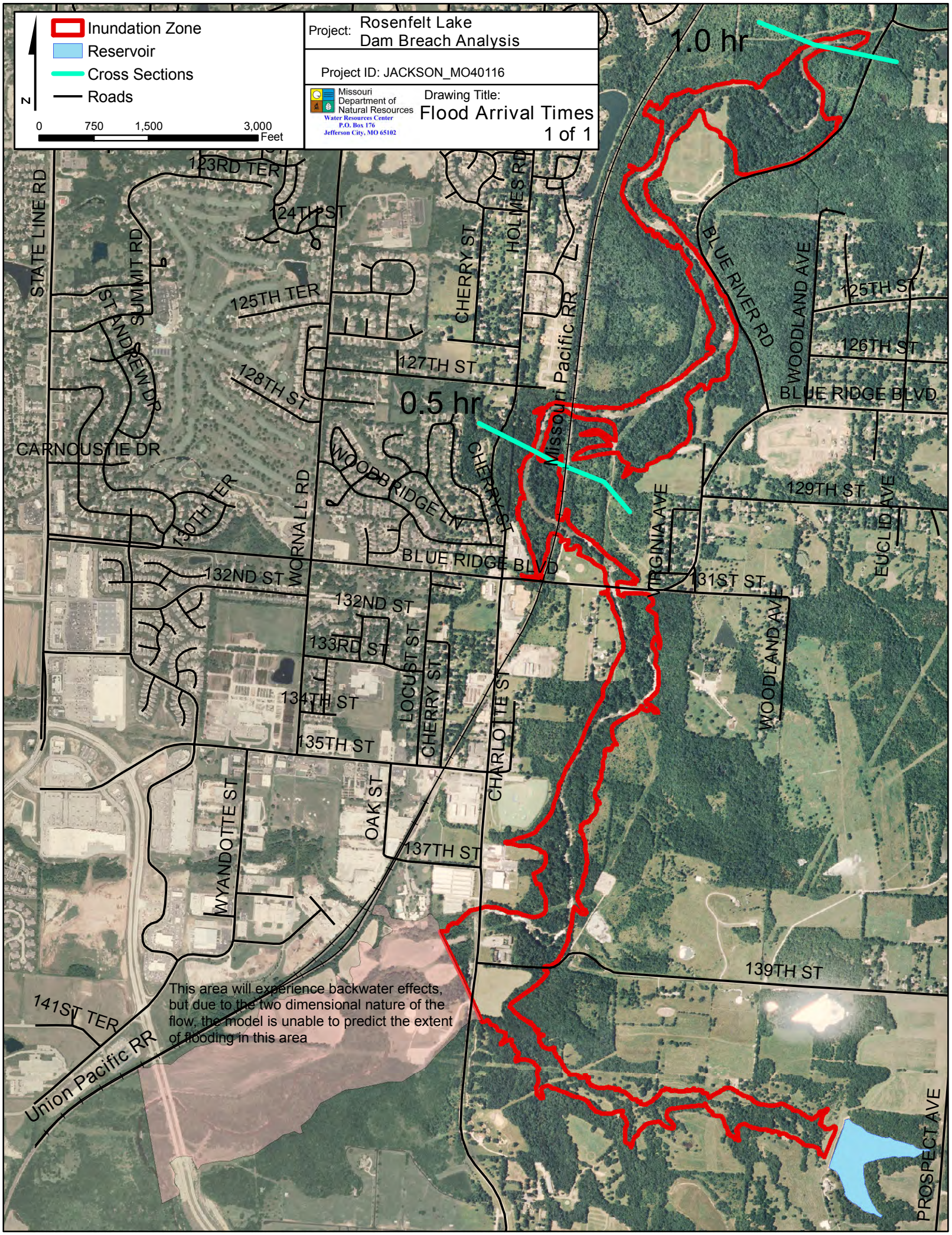
Breach formation time: 0.17 hr

Pool Elevation at Failure: 988.76'

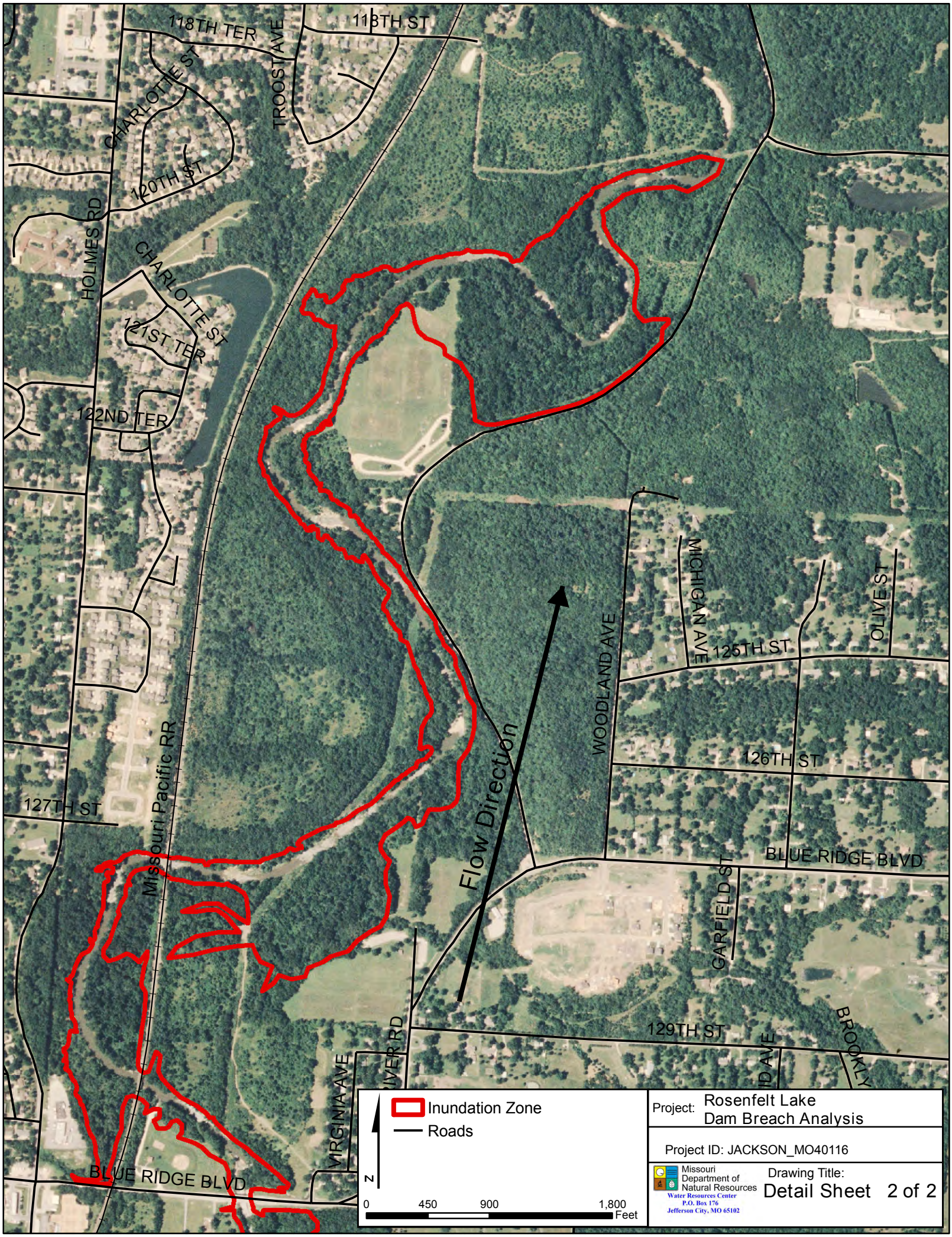
Pool Volume at Failure: 284 ac-ft

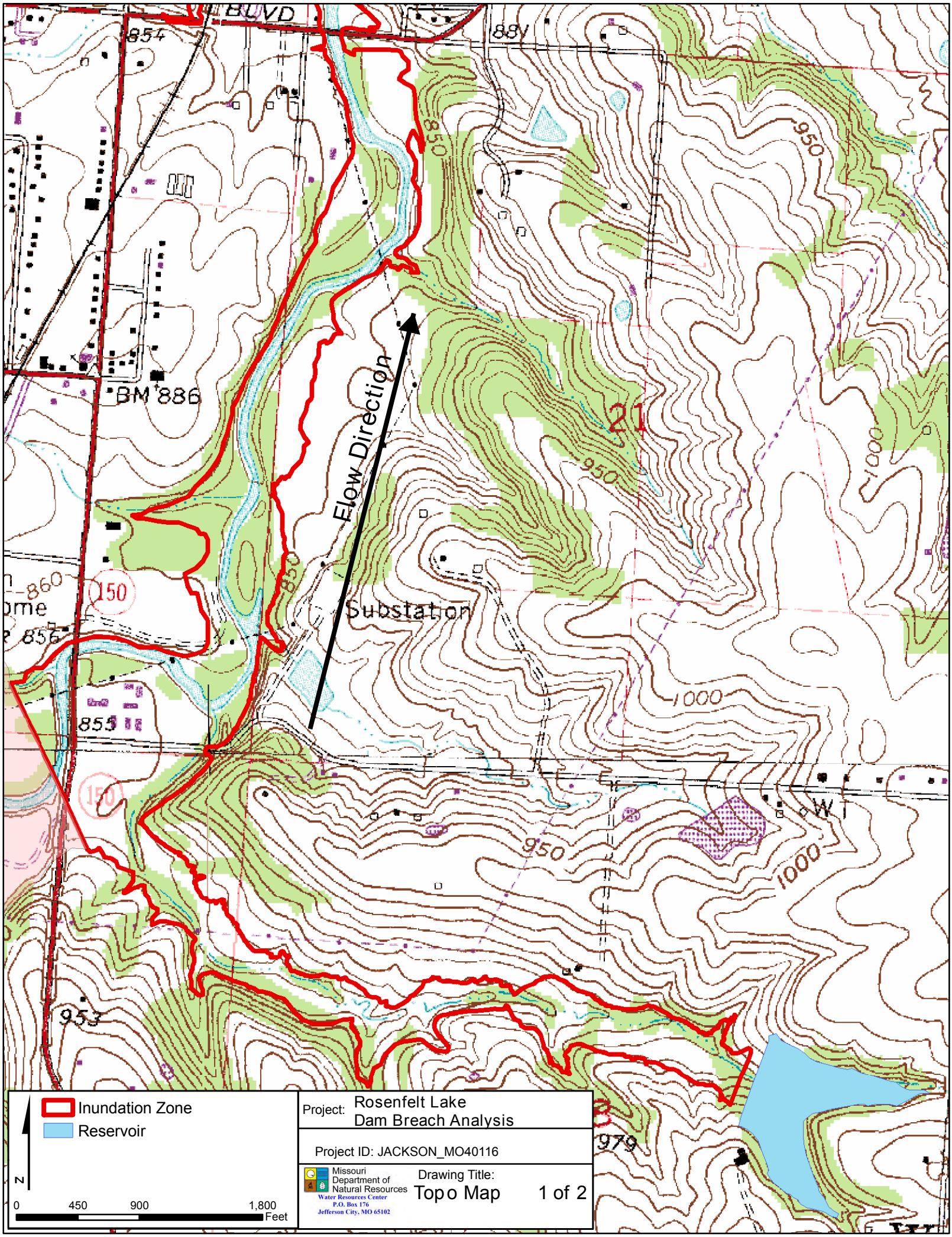
Date of Aerial Photo: August 22, 2007

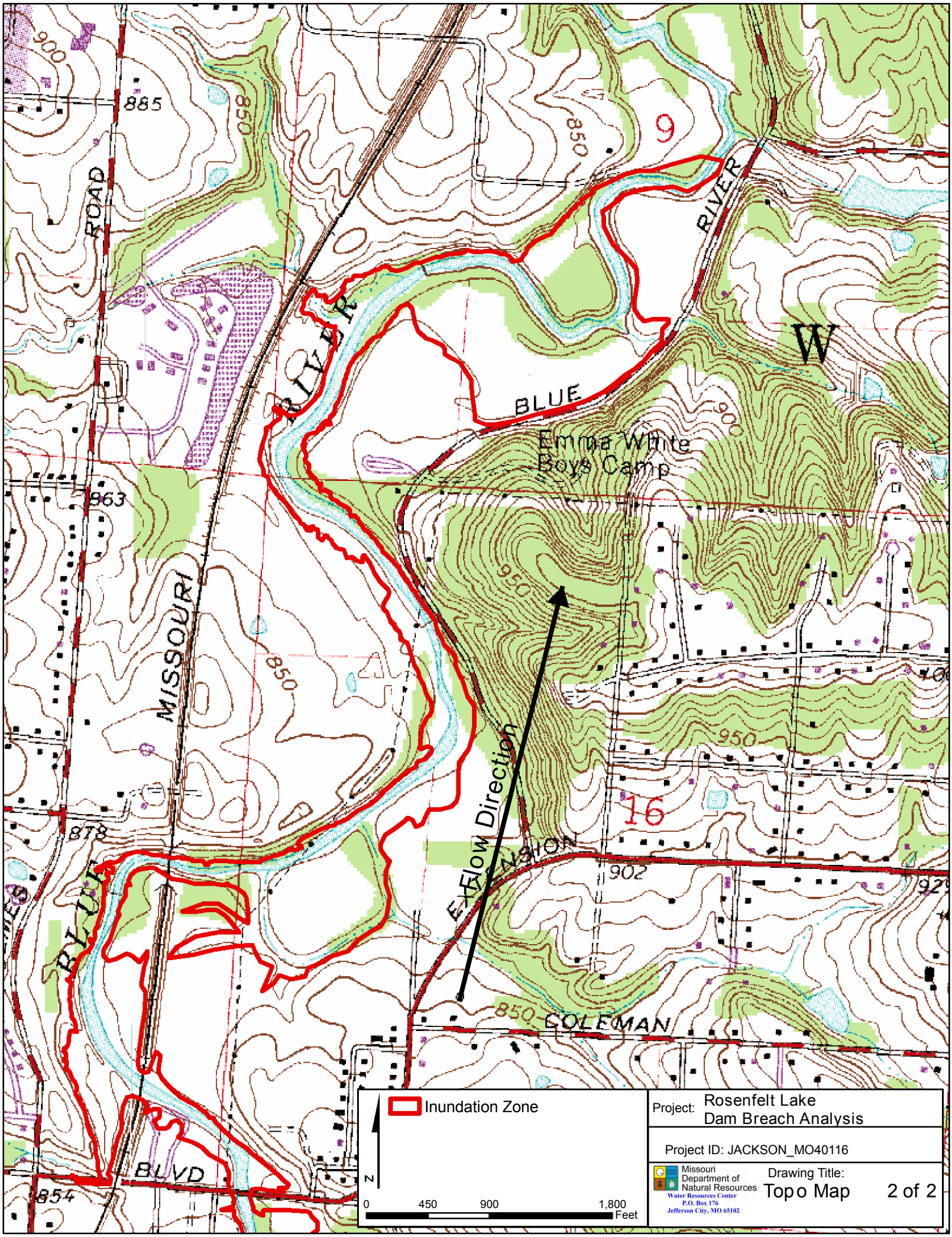
Project: Rosenfelt Lake Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO40116


Inundation Zone
Reservoir
Cross Sections
Roads
N
0
750
1,500
3,000
Feet
Project: Rosenfelt Lake Dam Breach Analysis
Project ID: JACKSON_MO40116
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
1.0 hr
0.5 hr
STATE LINE RD
SUMMIT RD
ST ANDREW DR
CARNOUSTIE DR
123RD TER
124TH ST
125TH TER
128TH ST
127TH ST
130TH TER
WORNALL RD
WOODBRIDGE LN
CHERRY ST
HOLMES RD
Missouri Pacific RR
BLUE RIDGE BLVD
132ND ST
133RD ST
134TH ST
135TH ST
LOCUST ST
OAK ST
CHARLOTTE ST
WYANDOTTE ST
137TH ST
139TH ST
141ST TER
Union Pacific RR
BLUE RIVER RD
WOODLAND AVE
125TH ST
126TH ST
129TH ST
VIRGINIA AVE
131ST ST
EUCLID AVE
PROSPECT AVE
This area will experience backwater effects, but due to the two dimensional nature of the flow, the model is unable to predict the extent of flooding in this area


BLUE RIDGE BLVD
131ST ST
WOODLAND AVE
Missouri Pacific RR
HOLMES RD
CHARLOTTE ST
Flow Direction
137TH ST
139TH ST
Inundation Zone
Reservoir
Roads
N
0
450
900
1,800
Feet
Project: Rosenfelt Lake
Dam Breach Analysis
Project ID: JACKSON_MO40116
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 2


118TH TER
113TH ST
CHARLOTTE ST
TROOST AVE
120TH ST
HOLMES RD
CHARLOTTE ST
121ST TER
122ND TER
MICHIGAN AVE
OLIVE ST
125TH ST
WOODLAND AVE
Flow Direction
126TH ST
127TH ST
Missouri Pacific RR
BLUE RIDGE BLVD
GARFIELD ST
129TH ST
BROOKLY
VIRGINIA AVE
BLUE RIDGE BLVD
Inundation Zone
Roads
N
0
450
900
1,800
Feet
Project: Rosenfelt Lake Dam Breach Analysis
Project ID: JACKSON_MO40116
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 2


BLVD
854
881
850
950
BM 886
Flow Direction
21
950
1000
150
Substation
855
1000
950
1000
953
979
Inundation Zone
Reservoir
N
0
450
900
1,800
Feet
Project: Rosenfelt Lake
Dam Breach Analysis
Project ID: JACKSON_MO40116
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 2


Inundation Zone
Project: Rosenfelt Lake
Dam Breach Analysis
Project ID: JACKSON_MO40116
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 2
N
0
450
900
1,800
Feet
Flow Direction
BLUE RIVER
MISSOURI
ROAD
BLUE
BLVD
UNION
COLEMAN
Emma White
Boys Camp
9
16
W
885
850
900
863
878
902
854

10/21/09

Unity #1 Lake Dam

Breach Inundation Map

Jackson County, Missouri
JACKSON_MO20039

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20039

County: JACKSON

Location: S25, T48 N, R32 W

Height of Dam: 48'

Storage Capacity (Normal Pool): 141 ac-ft

Tributary: Unnamed Trib. to Little Cedar Creek

Lake Area: 16.86 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 18.91'

Bottom elevation: 877'

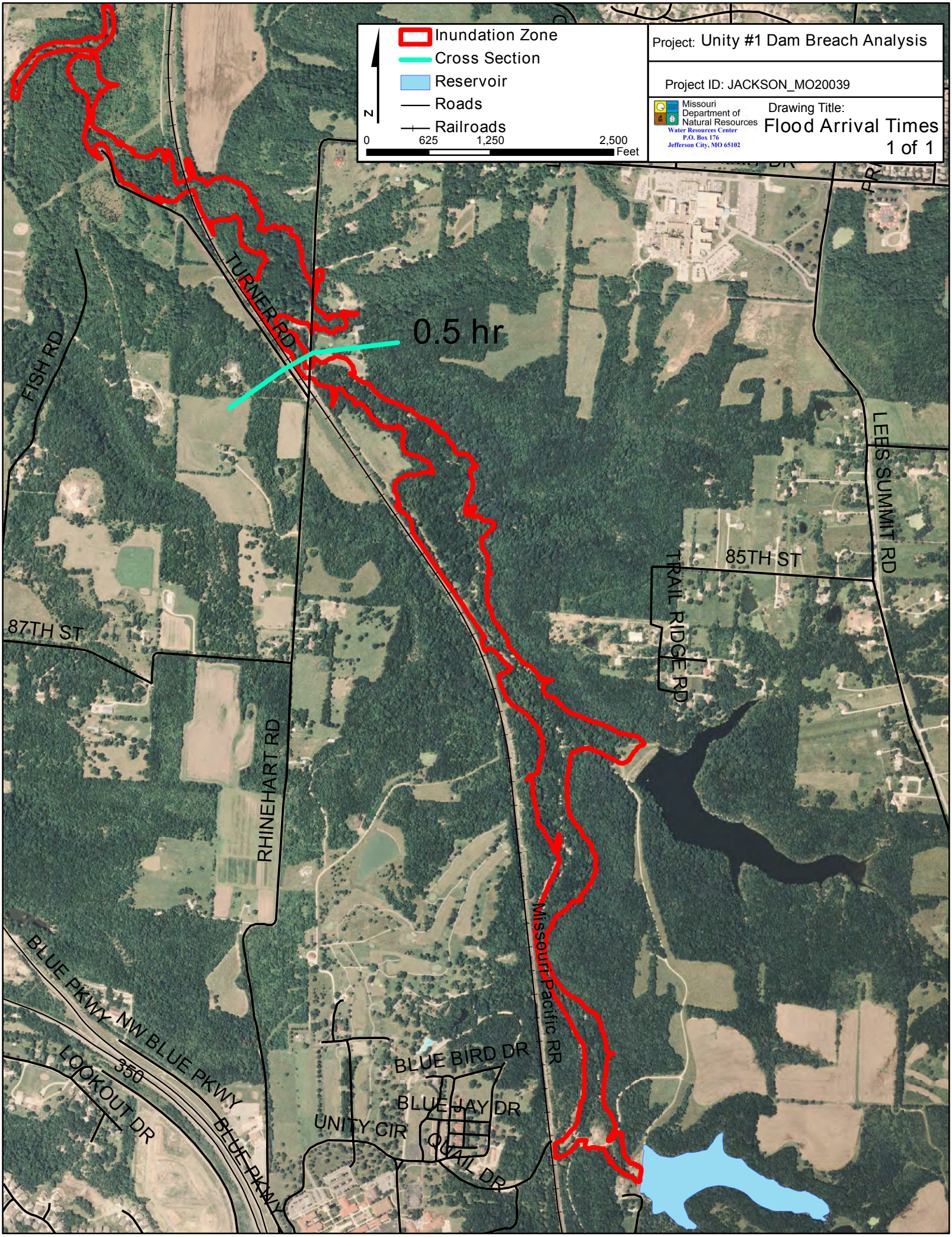
Breach formation time: 0.21 hr

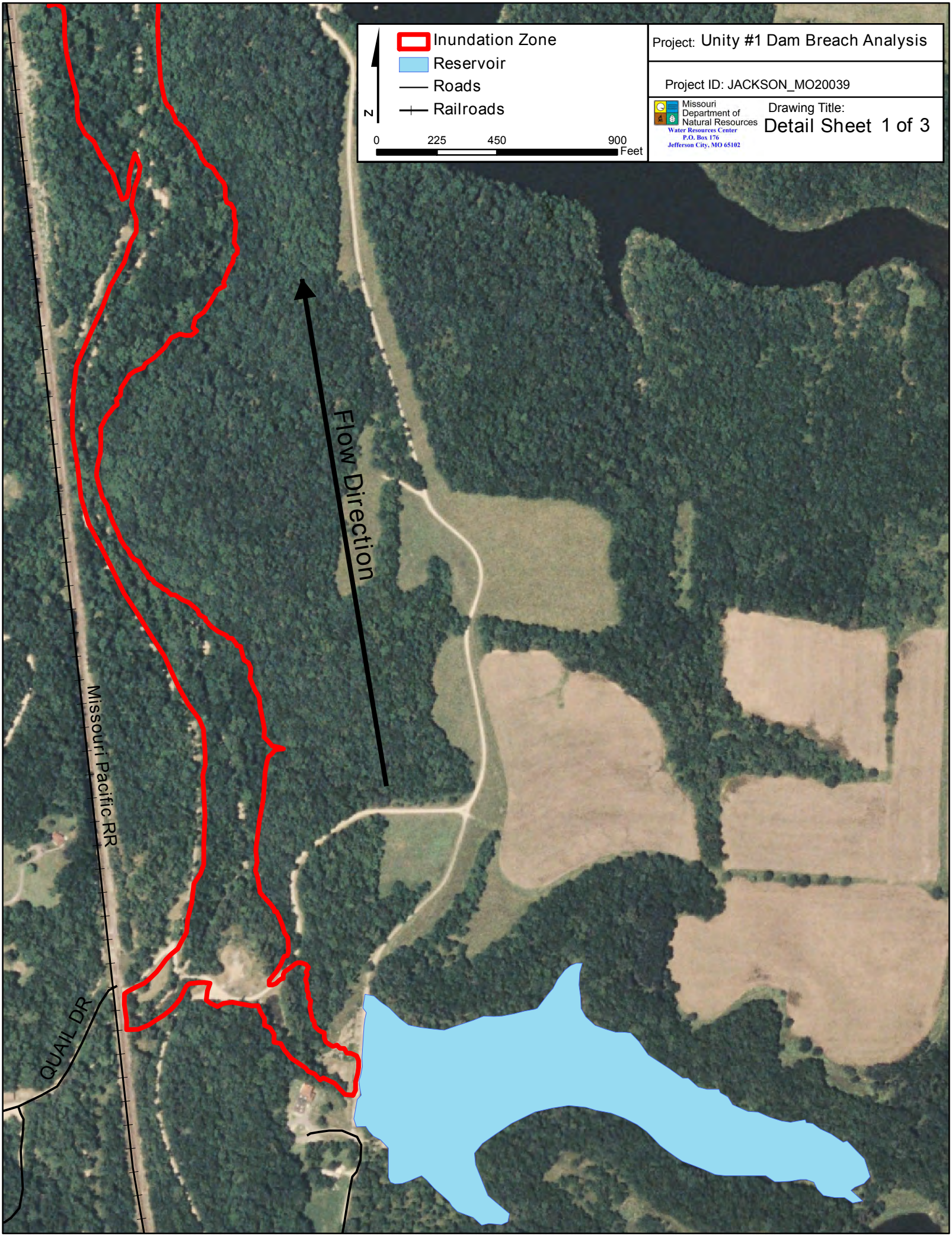
Pool Elevation at Failure: 917.90'

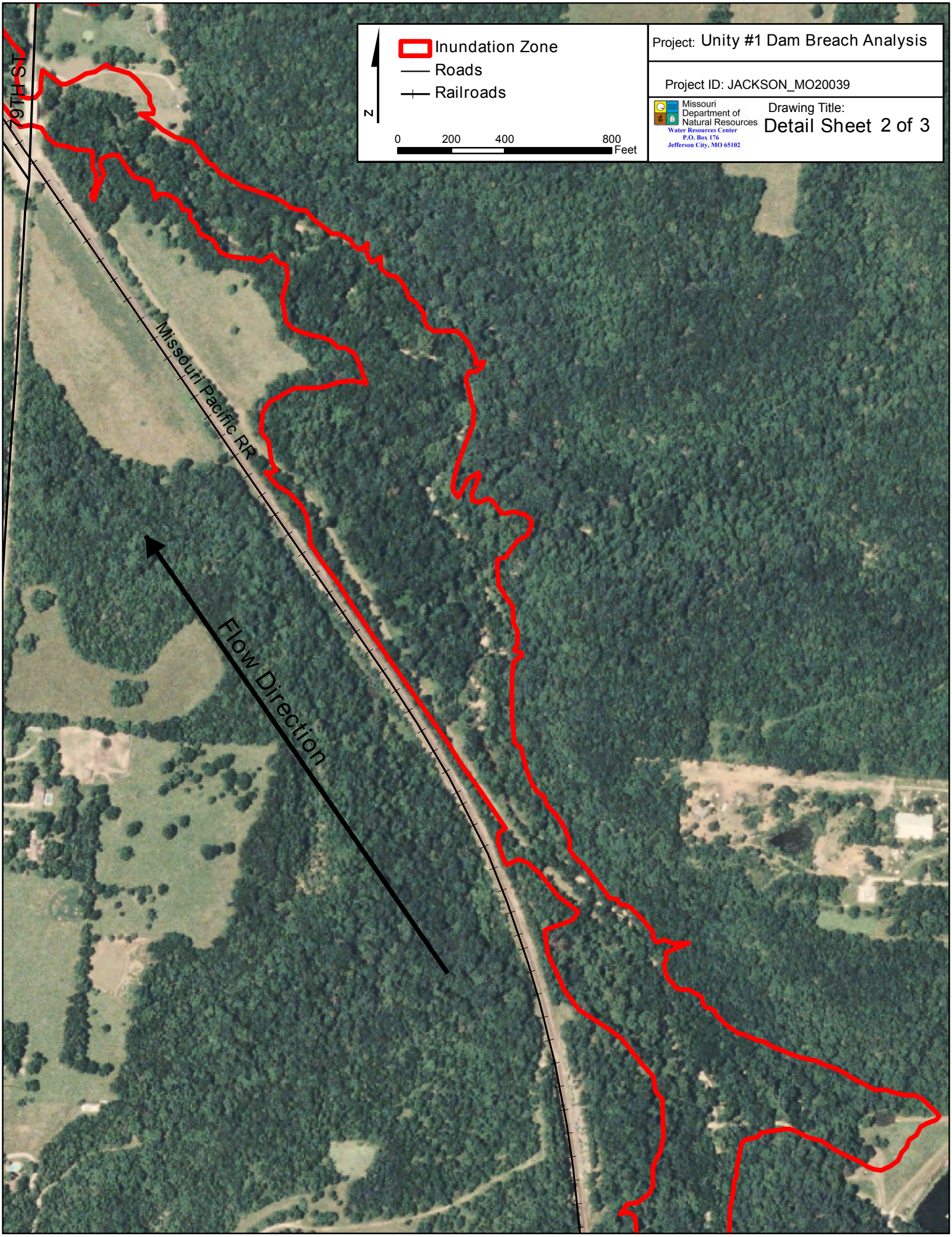
Pool Volume at Failure: 248 ac-ft

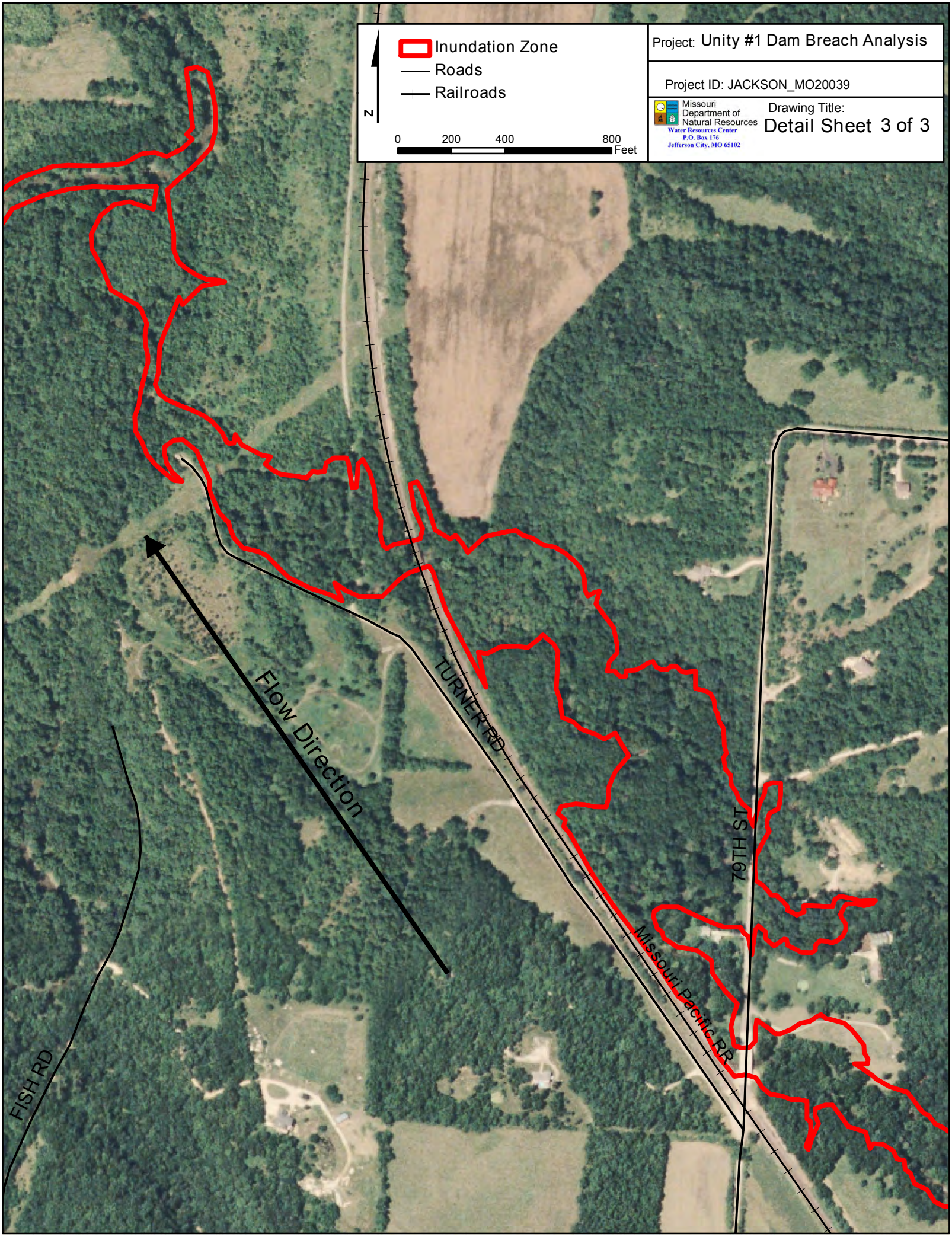
Date of Aerial Photo: August 22, 2007

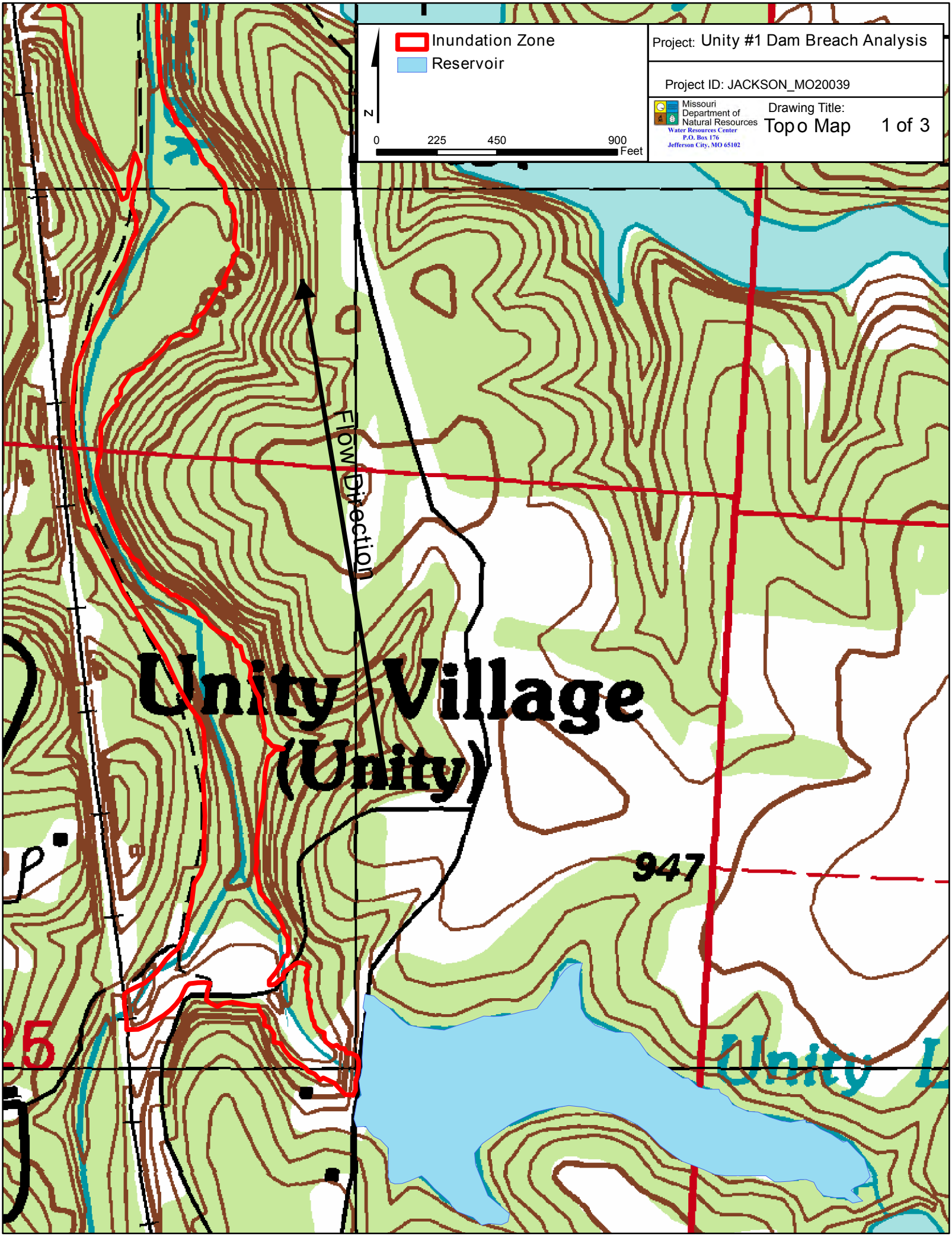
Project: Unity #1 Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20039

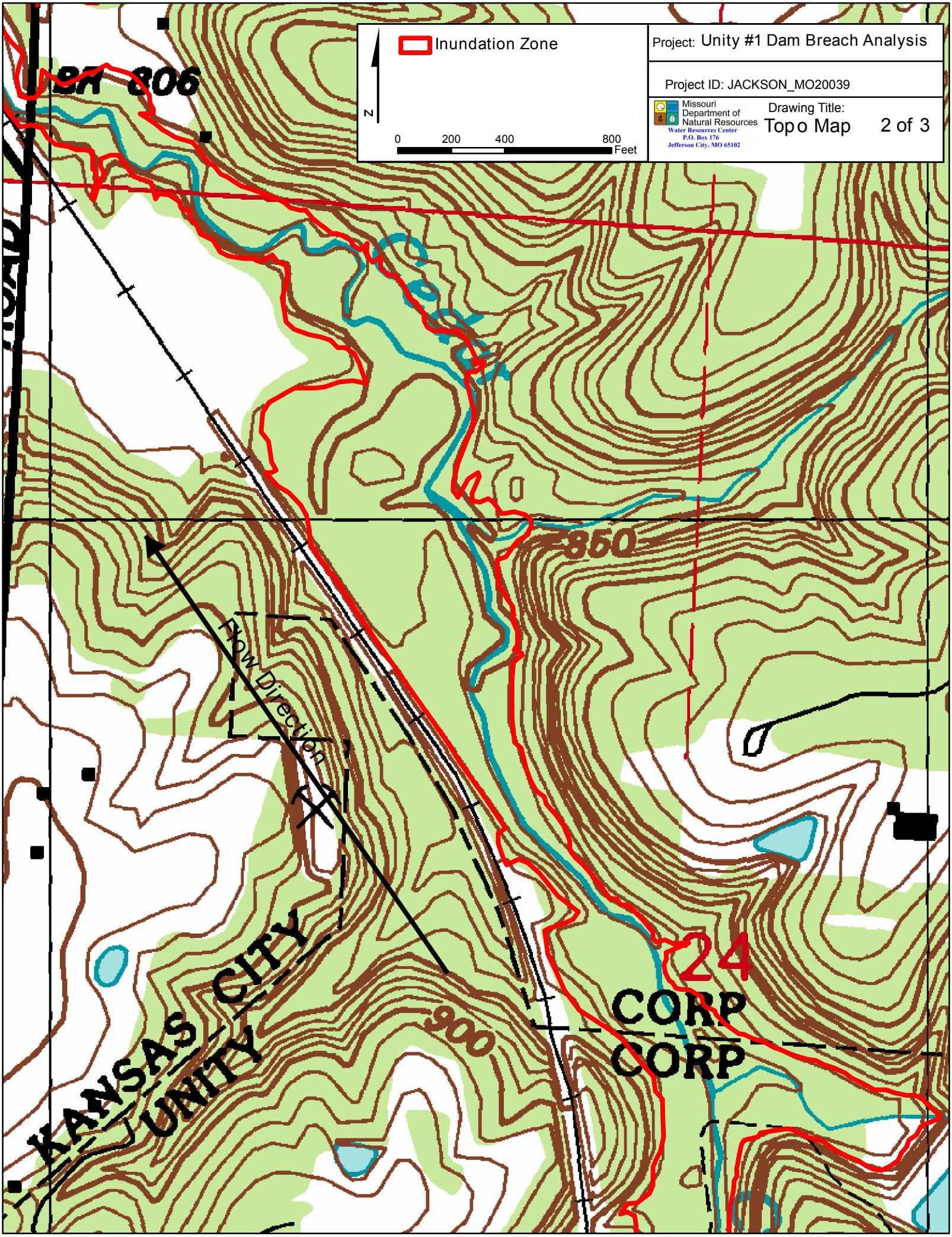

Inundation Zone
Cross Section
Reservoir
Roads
Railroads
N
0
625
1,250
2,500
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1
0.5 hr
TURNER RD
FISH RD
87TH ST
RHINEHART RD
85TH ST
TRAIL RIDGE RD
LEES SUMMIT RD
Missouri Pacific RR
BLUE PKWY
NW BLUE PKWY
350
LOOKOUT DR
BLUE PKWY
BLUE BIRD DR
BLUE JAY DR
UNITY CIR
QUAIL DR

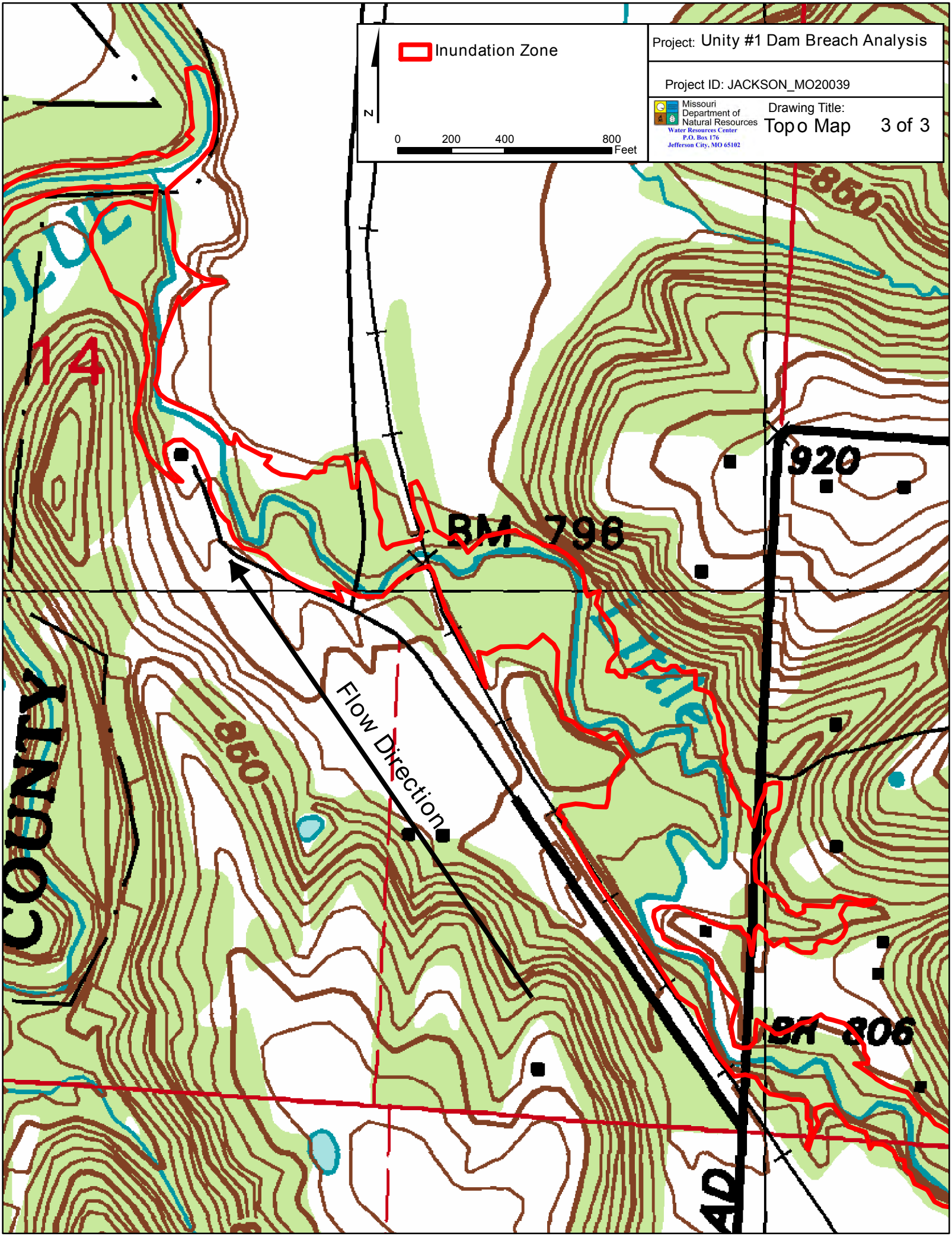

Inundation Zone
Reservoir
Roads
Railroads
N
0
225
450
900
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 3
Flow Direction
Missouri Pacific RR
QUAIL DR


Inundation Zone
Roads
Railroads
N
0
200
400
800
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 3
79TH ST
Missouri Pacific RR
Flow Direction


Inundation Zone
Roads
Railroads
N
0
200
400
800
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 3
Flow Direction
TURNER RD
79TH ST
Missouri Pacific RR
FISH RD


Inundation Zone
Reservoir
N
0
225
450
900
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 3
Flow Direction
Unity Village
(Unity)
947
Unity L

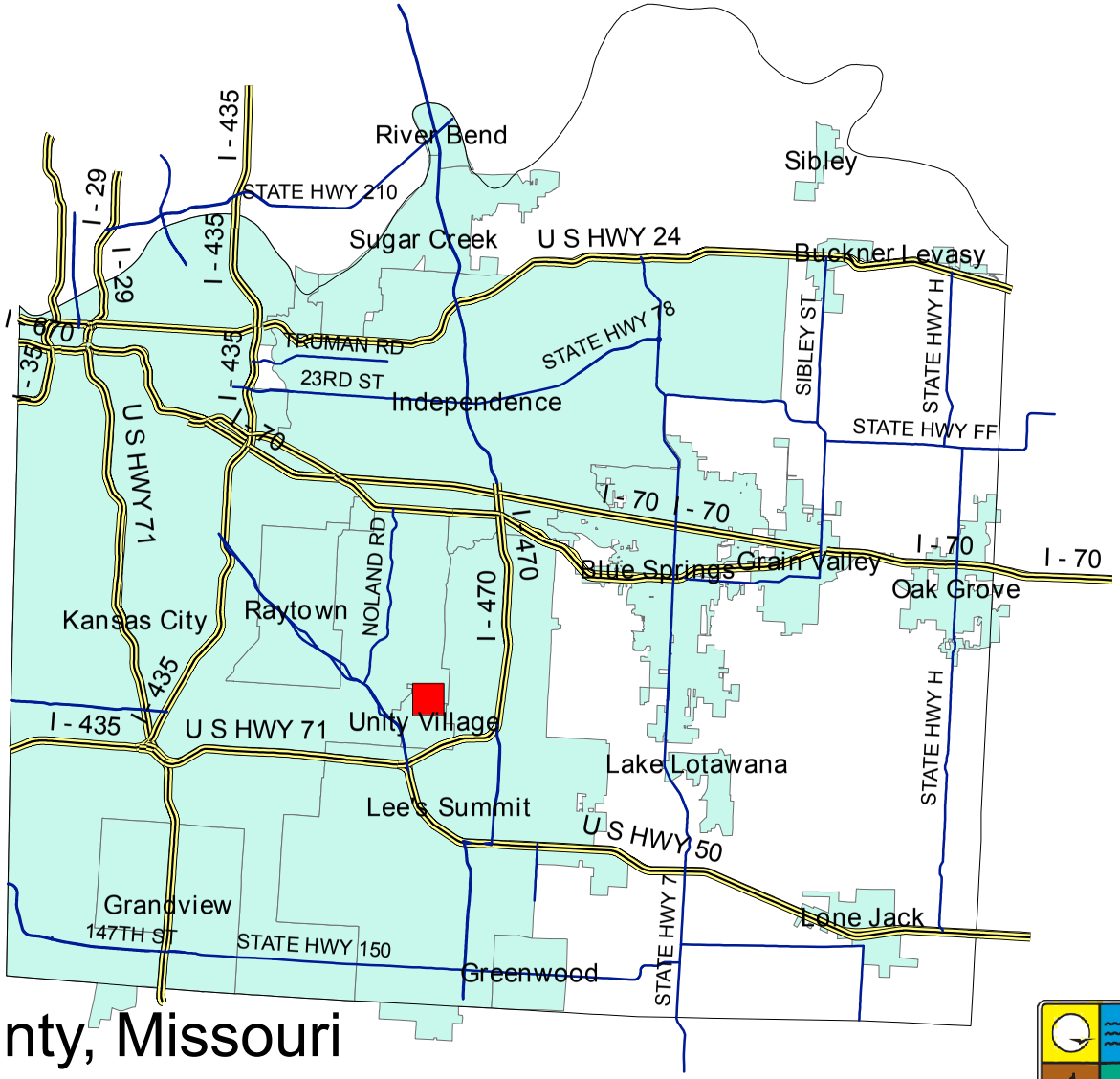

Inundation Zone
N
0
200
400
800
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 3
Flow Direction
850
900
24
CORP
CORP
KANSAS CITY
UNITY


Inundation Zone
N
0
200
400
800
Feet
Project: Unity #1 Dam Breach Analysis
Project ID: JACKSON_MO20039
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
3 of 3
14
COUNTY
850
920
BM 796
Little
Flow Direction
BM 806

10/22/09

Unity #2 Lake Dam

Breach Inundation Map



Jackson County, Missouri
JACKSON_MO20134

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Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

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Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20134

County: JACKSON

Location: S24, T48 N, R32 W

Height of Dam: 52'

Storage Capacity (Normal Pool): 436 ac-ft

Tributary: Unnamed Trib. to Little Cedar Creek

Lake Area: 26 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 60.49'

Bottom elevation: 821'

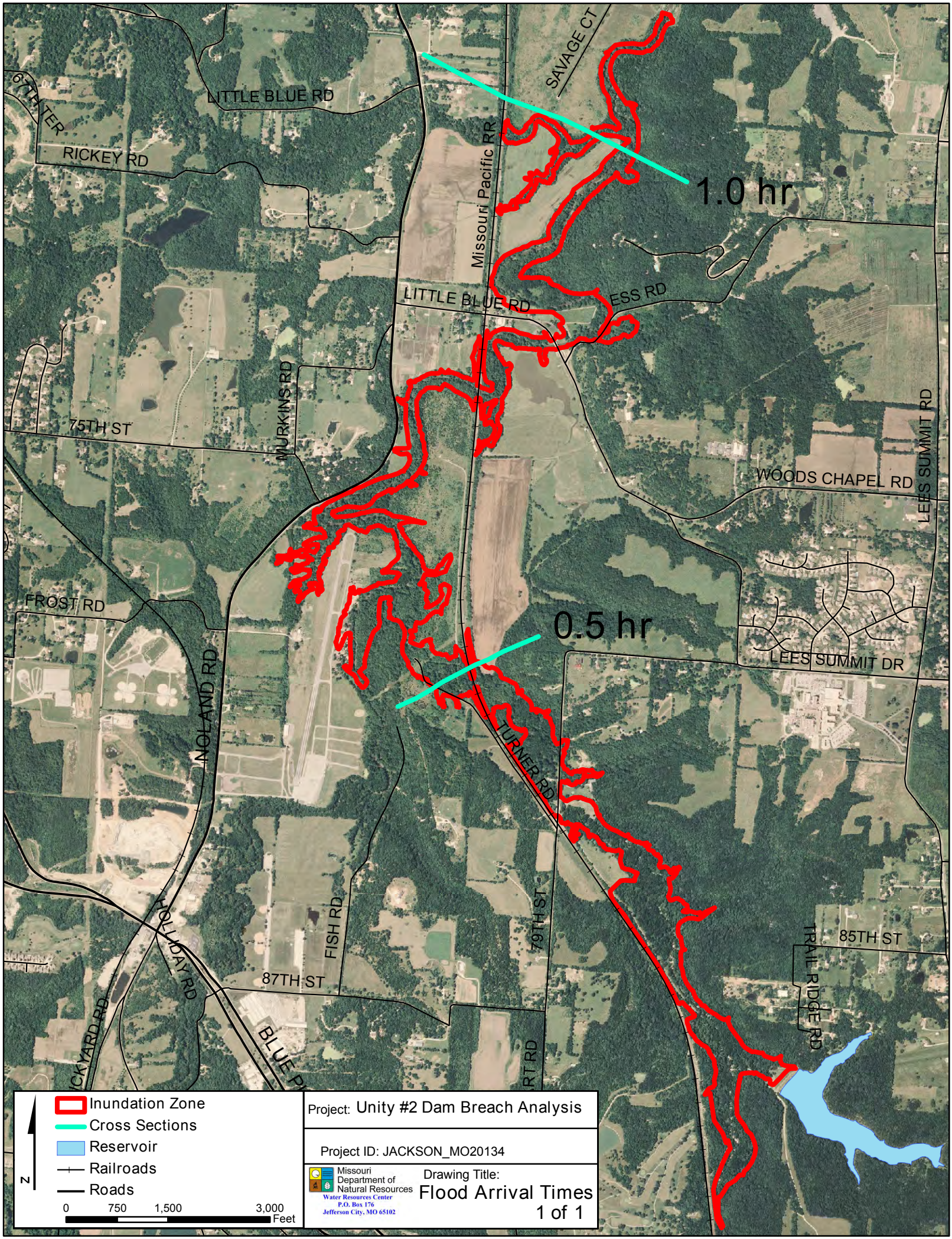
Breach formation time: 0.283 hr

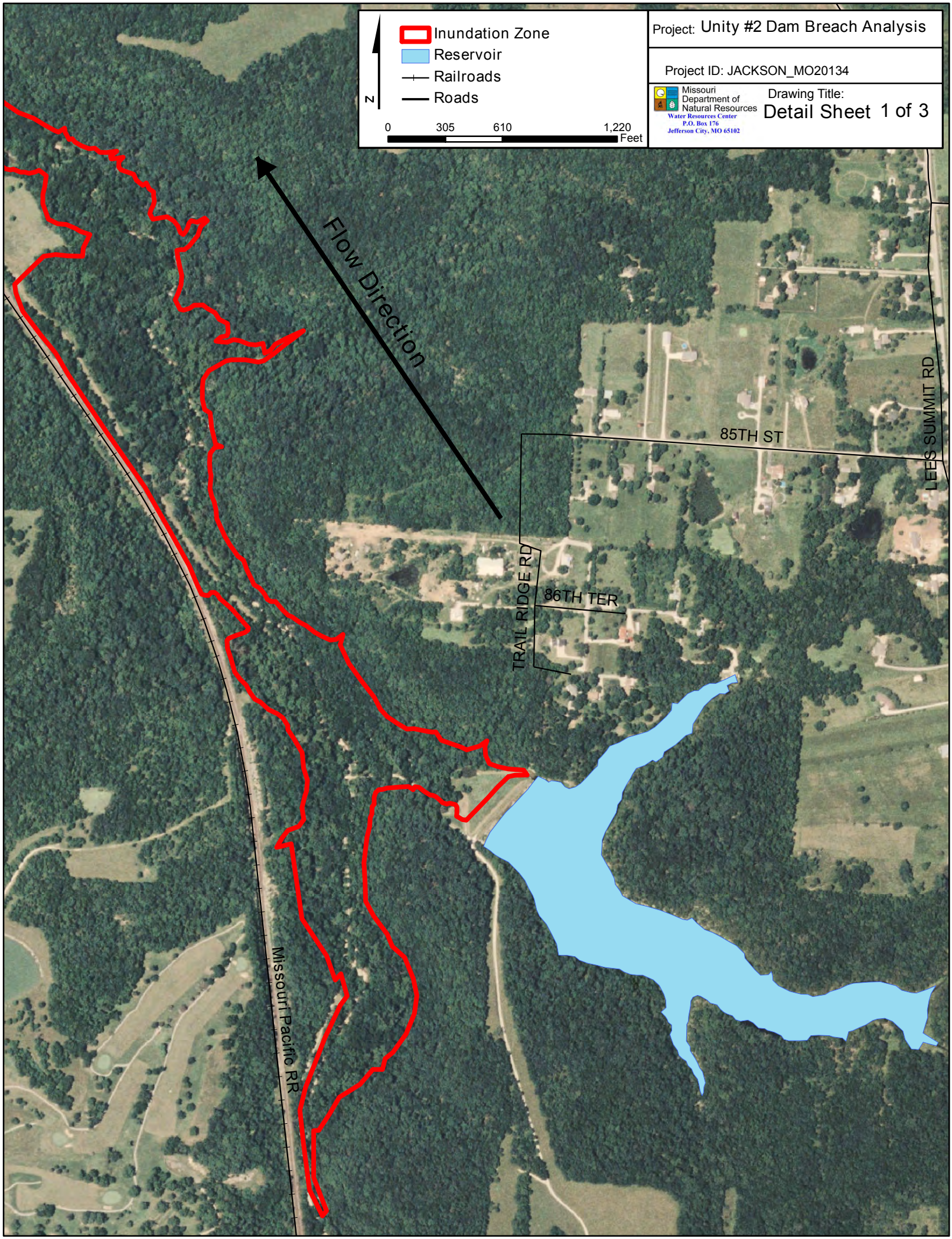
Pool Elevation at Failure: 881.49'

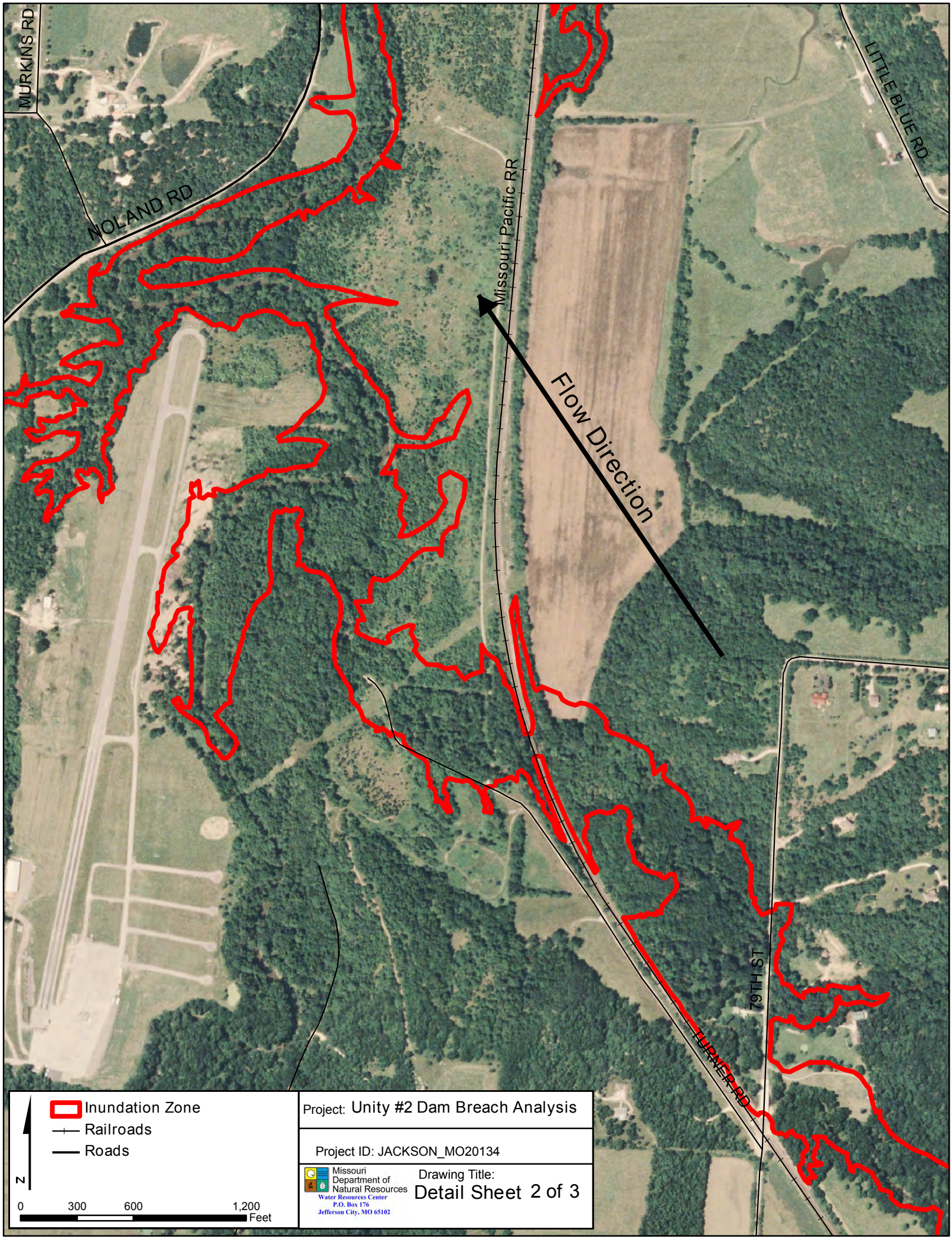
Pool Volume at Failure: 834 ac-ft

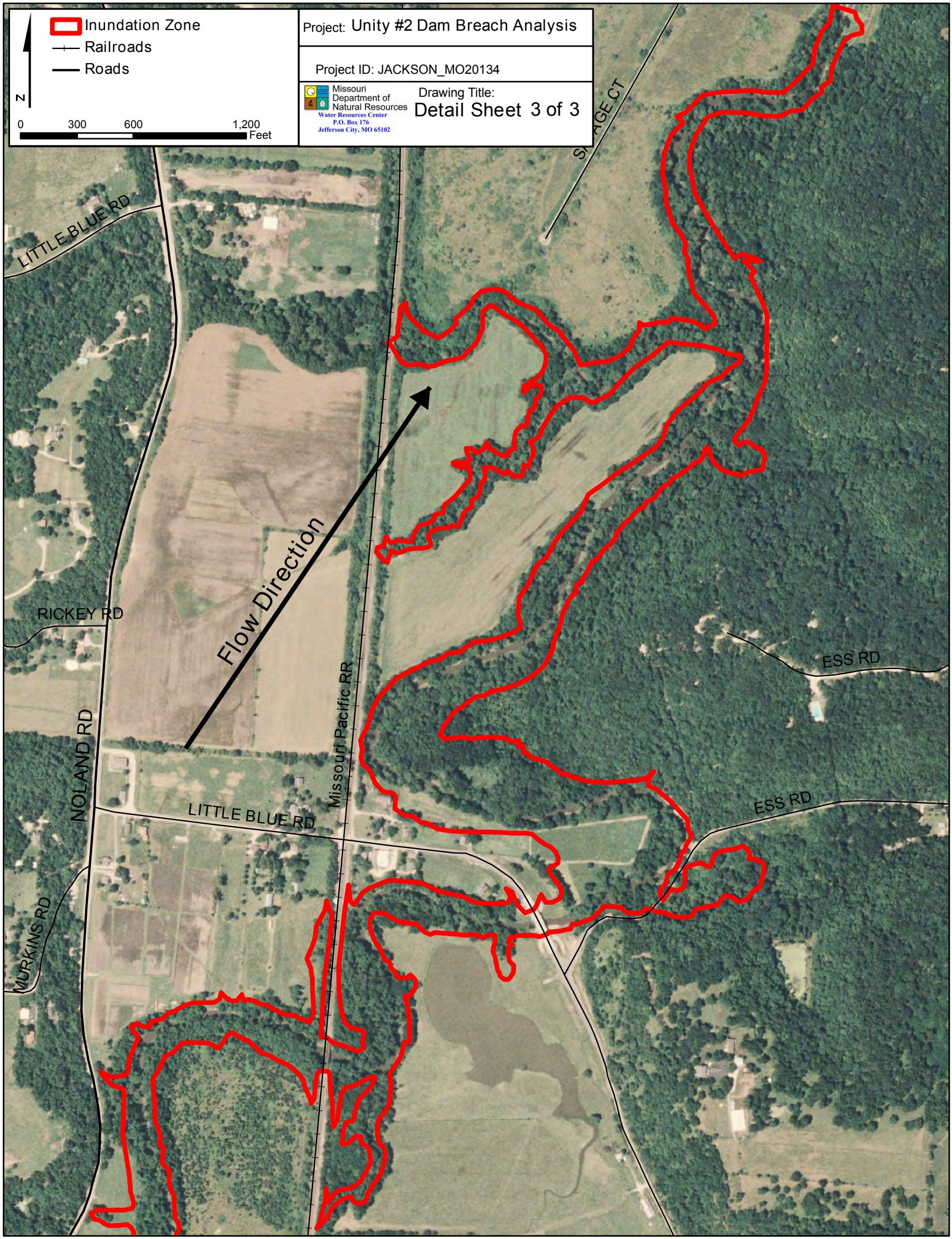
Date of Aerial Photo: August 22, 2007

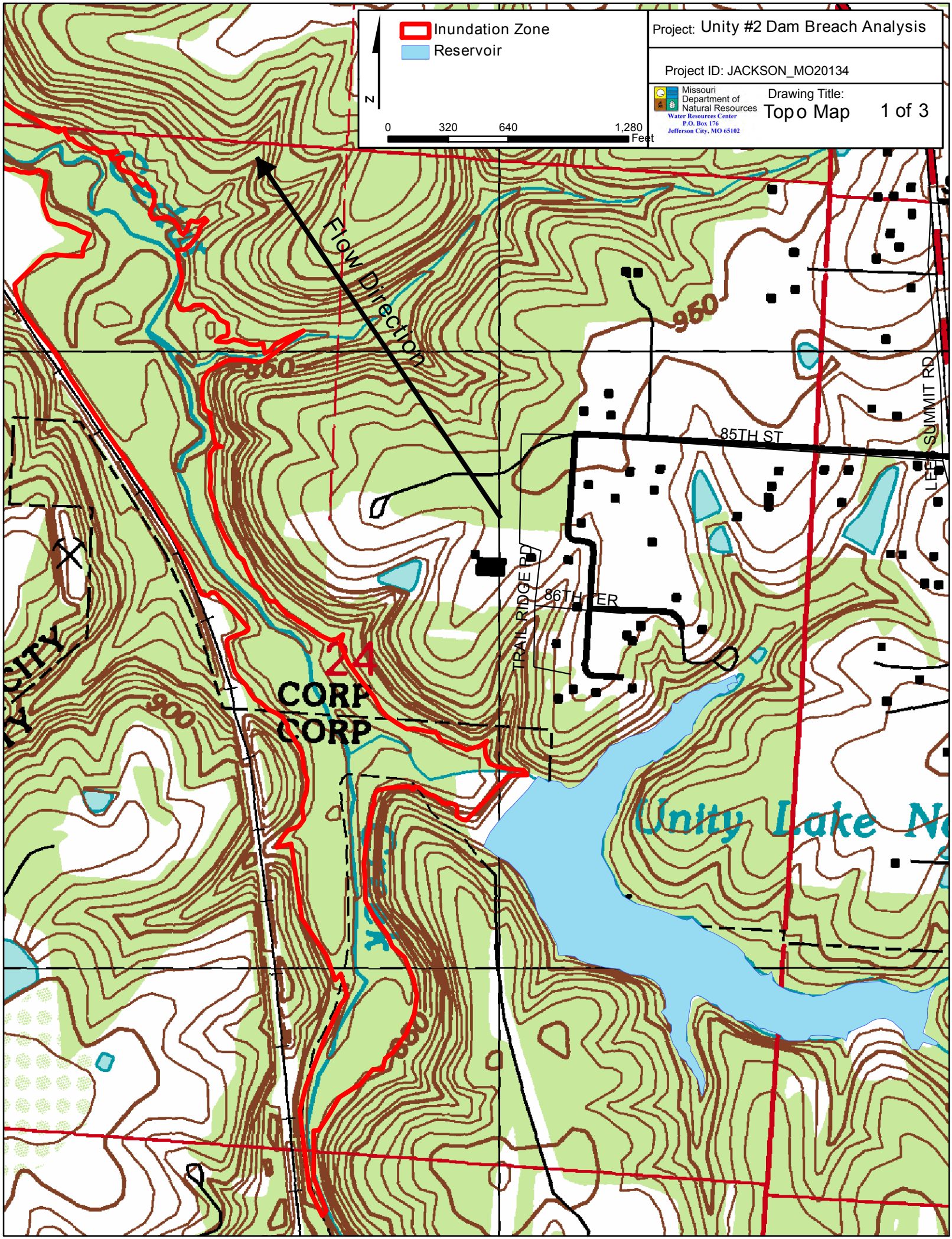
Project: Unity #2 Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20134

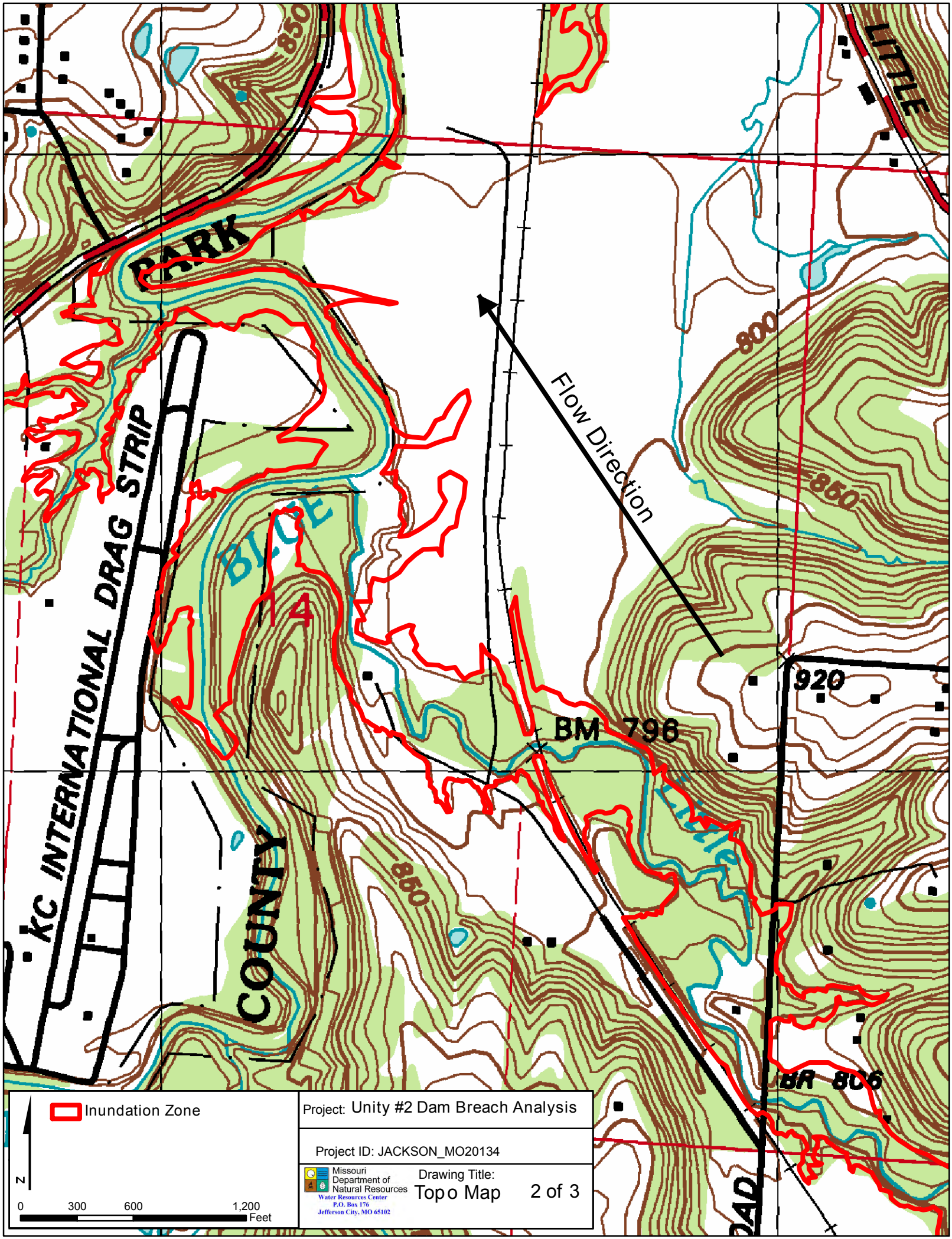

SAVAGE CT
LITTLE BLUE RD
67TH TER
RICKEY RD
Missouri Pacific RR
1.0 hr
LITTLE BLUE RD
ESS RD
MURKINS RD
75TH ST
WOODS CHAPEL RD
LEES SUMMIT RD
FROST RD
0.5 hr
LEES SUMMIT DR
NOLAND RD
TURNER RD
HOLLIDAY RD
FISH RD
79TH ST
85TH ST
TRAIL RIDGE RD
87TH ST
BLUE P
Inundation Zone
Cross Sections
Reservoir
Railroads
Roads
N
0 750 1,500 3,000
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1

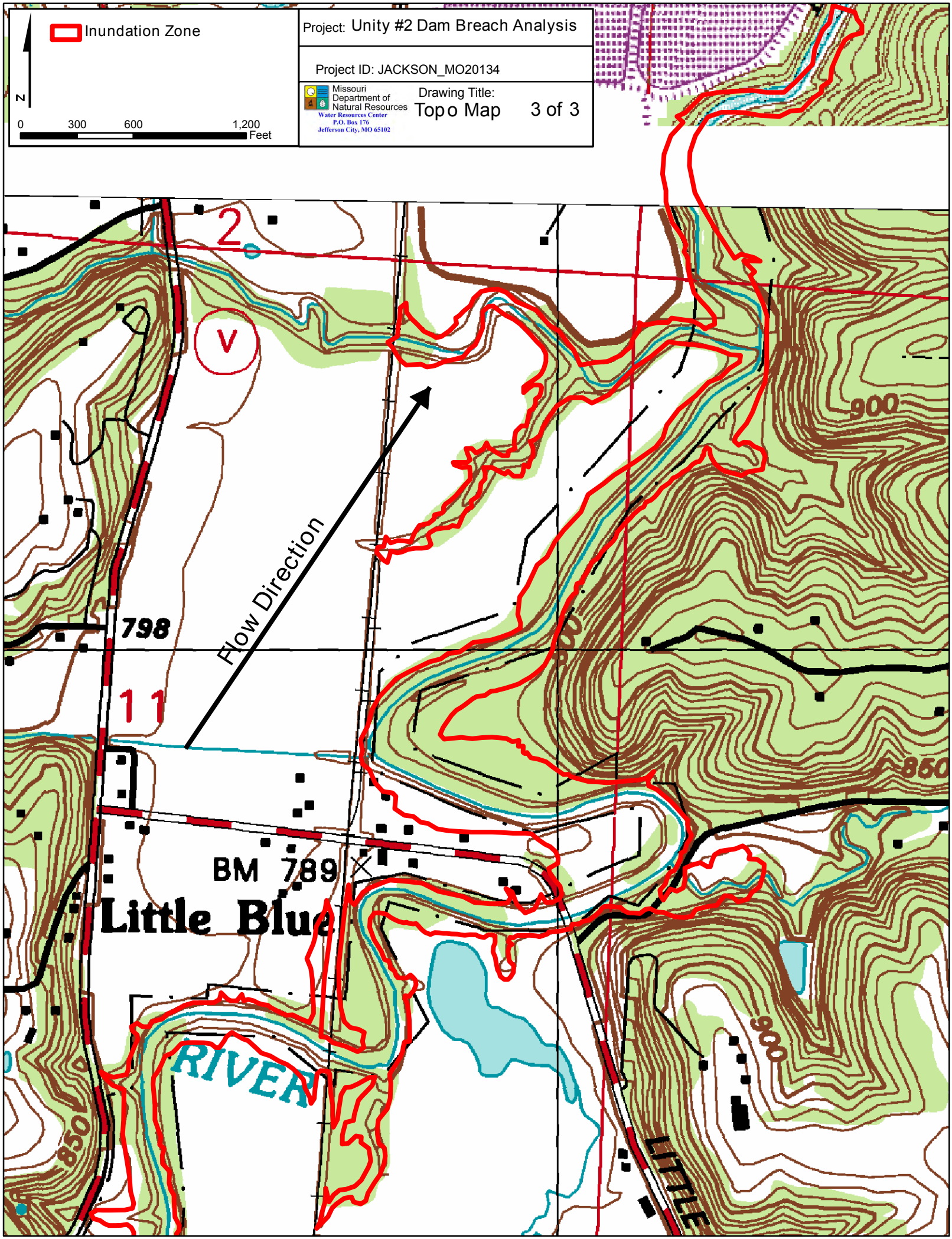

Inundation Zone
Reservoir
Railroads
Roads
N
0
305
610
1,220
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 3
Flow Direction
85TH ST
LEES SUMMIT RD
TRAIL RIDGE RD
86TH TER
Missouri Pacific RR


MURKINS RD
NOLAND RD
Missouri Pacific RR
LITTLE BLUE RD
Flow Direction
79TH ST
TURNER RD
Inundation Zone
Railroads
Roads
N
0
300
600
1,200
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 3


Inundation Zone
Railroads
Roads
N
0
300
600
1,200
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 3 of 3
LITTLE BLUE RD
RICKEY RD
NOLAND RD
MURKINS RD
Flow Direction
Missouri Pacific RR
LITTLE BLUE RD
ESS RD
ESS RD


Inundation Zone
Reservoir
N
0
320
640
1,280
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 3
Flow Direction
950
850
900
880
85TH ST
86TH TER
TRAIL RIDGE RD
LEES SUMMIT RD
CORP
CORP
24
Unity Lake


Flow Direction
PARK
KC INTERNATIONAL DRAG STRIP
COUNTY
BIG
LITTLE
BM 796
920
BM 806
850
800
Inundation Zone
N
0
300
600
1,200
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 3


Inundation Zone
N
0
300
600
1,200
Feet
Project: Unity #2 Dam Breach Analysis
Project ID: JACKSON_MO20134
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
3 of 3
2
V
Flow Direction
798
11
BM 789
Little Blue
RIVER
900
850
LITTLE

11/18/09

View High Lake Dam

Breach Inundation Map

Jackson County, Missouri
JACKSON_MO20146

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65201

Explanation Sheet

Explanation of Maps

The following maps indicate the areas which are predicted to be inundated during the occurance of a sunny day breach of the dam. The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway.

Use of Maps

The following maps provide a baseline for evaluation of existing emergency action plans and environmental hazards downstream of the regulated structure.

Definition of Terms

Pool Elevation- Water level in the reservoir.

Dam Crest- The lowest elevation measured along the dam crest.

Spillway Crest- The lowest elevation measured along the crest of the spillway.

Arrival Time- Elapsed time between the breach initiation and the time that water levels first begin to rise at any given point.

Assumed Conditions of Flooding

The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20146

County: JACKSON

Location: S33, T48 N, R32 W

Height of Dam: 37'

Storage Capacity (Normal Pool): 98 ac-ft

Tributary: Unnamed trib. to Little Blue River

Lake Area: 10.4 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 4.51'

Bottom elevation: 828.5'

Breach formation time: 0.149 hr

Pool Elevation at Failure: 859.46'

Pool Volume at Failure: 127 ac-ft

Date of Aerial Photo: August 22, 2007

Project: View High Lake Dam Breach Analysis	
Drawing Title: Explanation Sheet	1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20146


Inundation Zone
Reservoir
Roads
N
0
200
400
800
Feet
Project: View High Lake Dam Breach Analysis
Project ID: JACKSON_MO20146
Missouri Department of Natural Resources
Water Resources Center
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Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 1
WILLOW AVE
HARR
VIEW HIGH DR
Flow Direction
I- 470
U S HWY 71
MEERS RD


Inundation Zone
Reservoir
N
0
200
400
800
Feet
Project: View High Lake Dam Breach Analysis
Project ID: JACKSON_MO20146
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Water Resources Center
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Jefferson City, MO 65102
Drawing Title: Topo Map
1 of 1
Flow Direction
900
900
LITTLE BLUE TRACE
COUNTY PARK
33
INTERCHAN
BLUE

11/12/09

Whispering Hills Lake Dam

Breach Inundation Map

Jackson County, Missouri
JACKSON_MO20128

Note: Actual areas inundated will depend on the actual dam failure criteria and may differ from the areas shown. Due to limitations, methods, assumptions, and procedures used to develope the inundation area, the map should only be used for evacuation and emergency purposes.

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The pool elevation at failure is assumed to be at the emergency spillway crest elevation or at the crest of the dam in the absence of an emergency spillway. The assumed overtopping erodes a section of the dam resulting in a dangerous and quick release of water. For the hydraulic analysis flow initiation is required and therefore a baseflow of water has been included in the analysis.

Dam Facts

ID: MO_20128

County: JACKSON

Location: S25, T48 N, R32 W

Height of Dam: 48'

Storage Capacity (Normal Pool): 182 ac-ft

Tributary: Unnamed Trib. to Little Cedar Creek

Lake Area: 16.37 acres

Breach Parameters (Froehlich, 1995)

Side slopes: 1.4:1

Bottom width: 25.97'

Bottom elevation: 892'

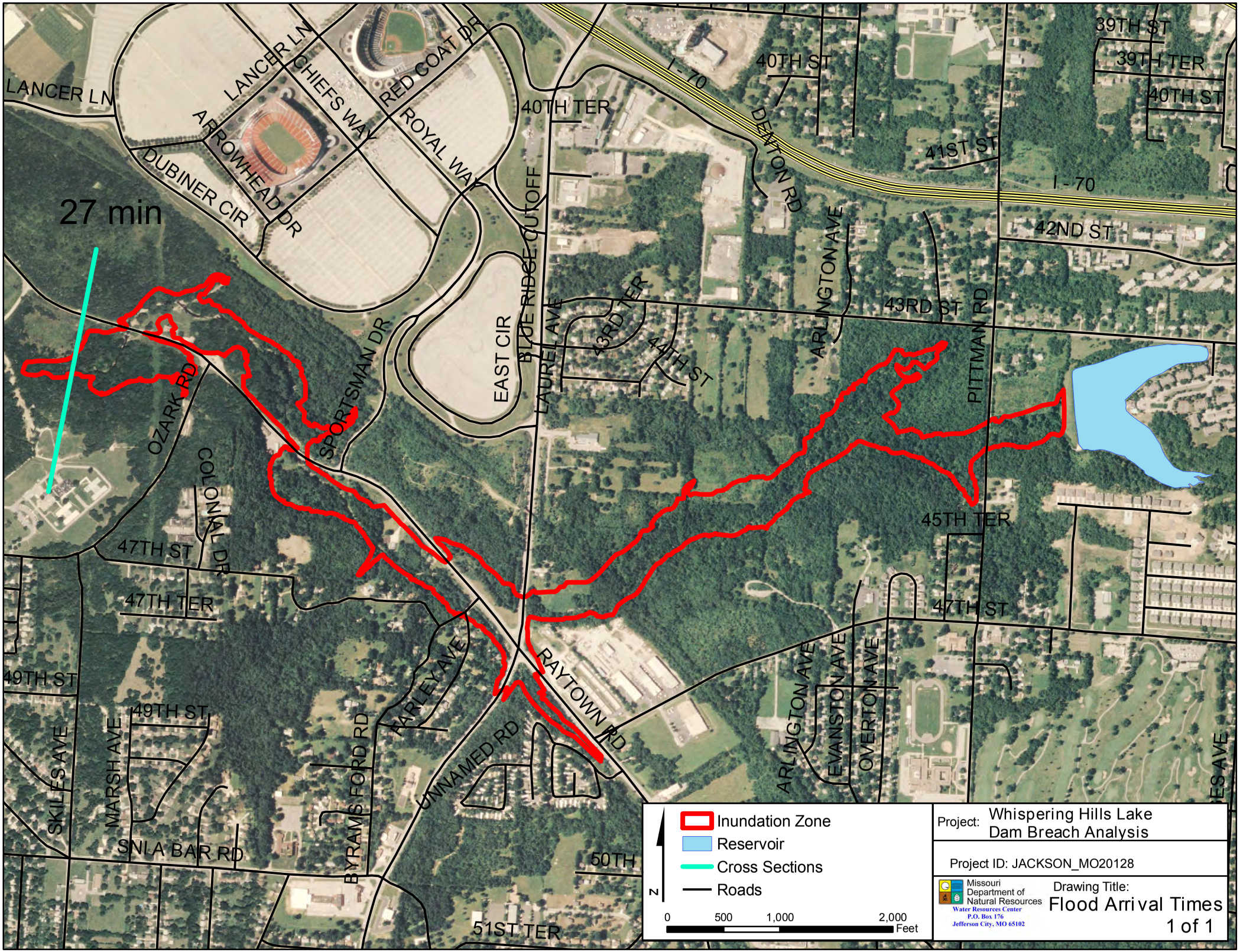
Breach formation time: 0.24 hr

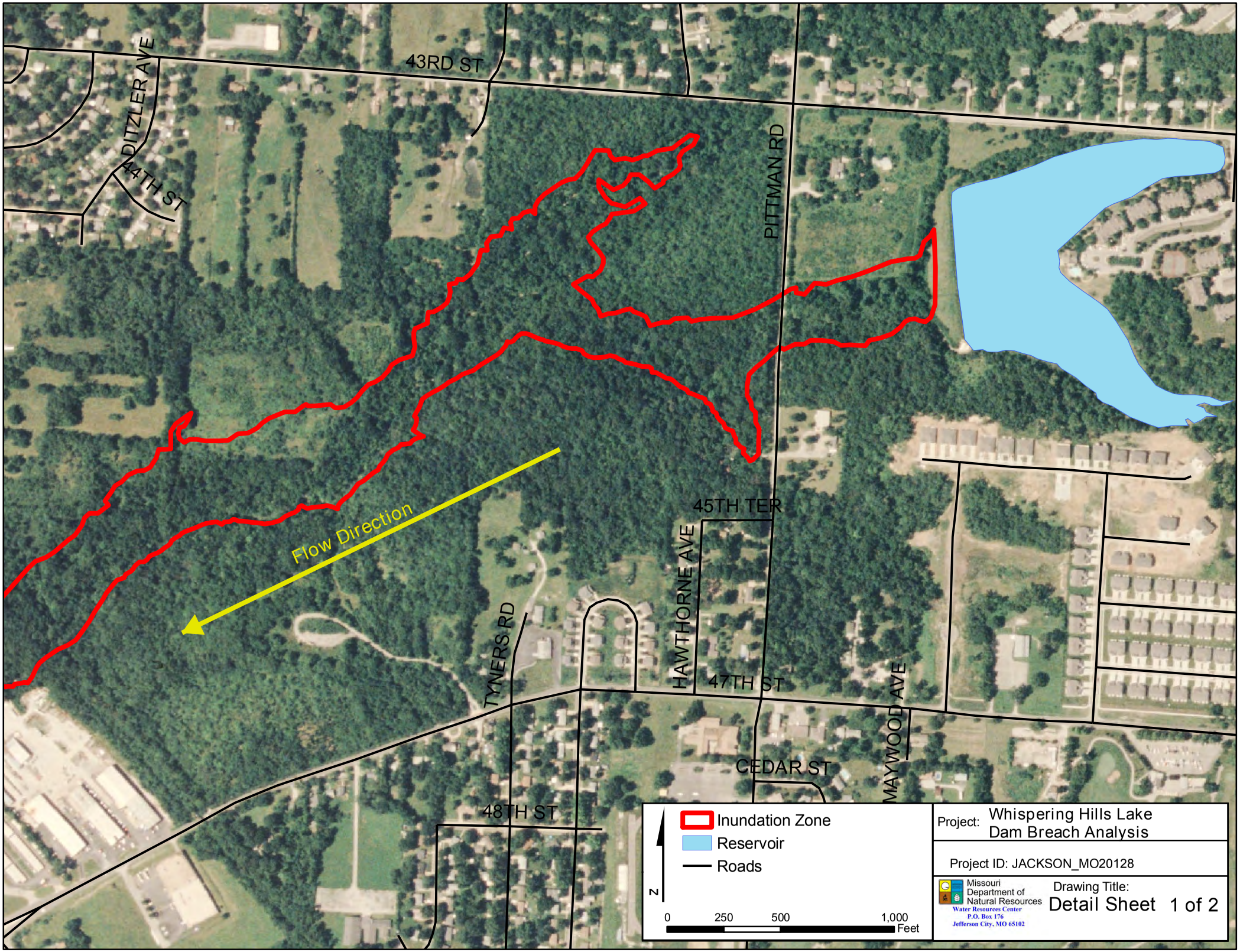
Pool Elevation at Failure: 930.93'

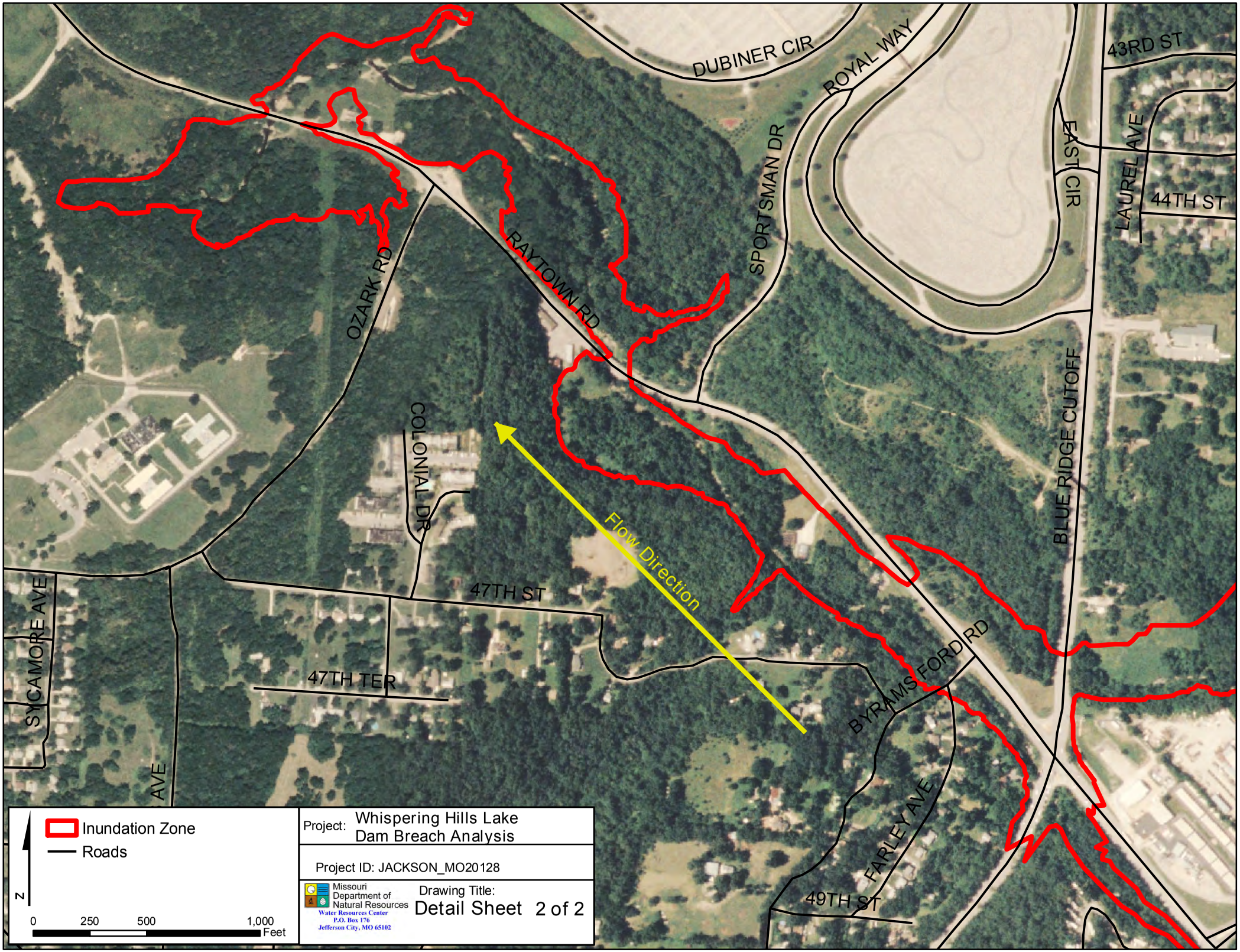
Pool Volume at Failure: 303.5 ac-ft

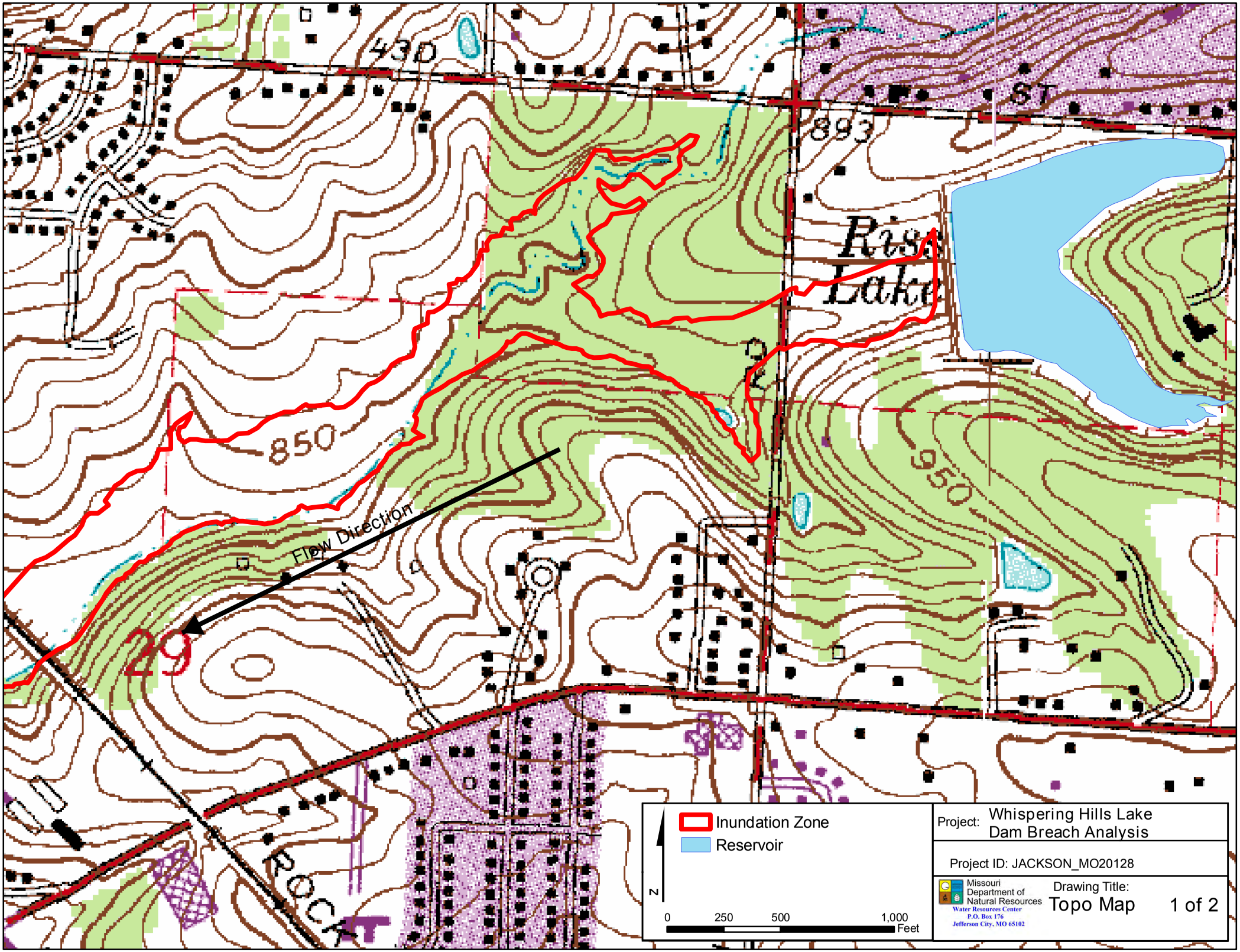
Date of Aerial Photo: August 22, 2007

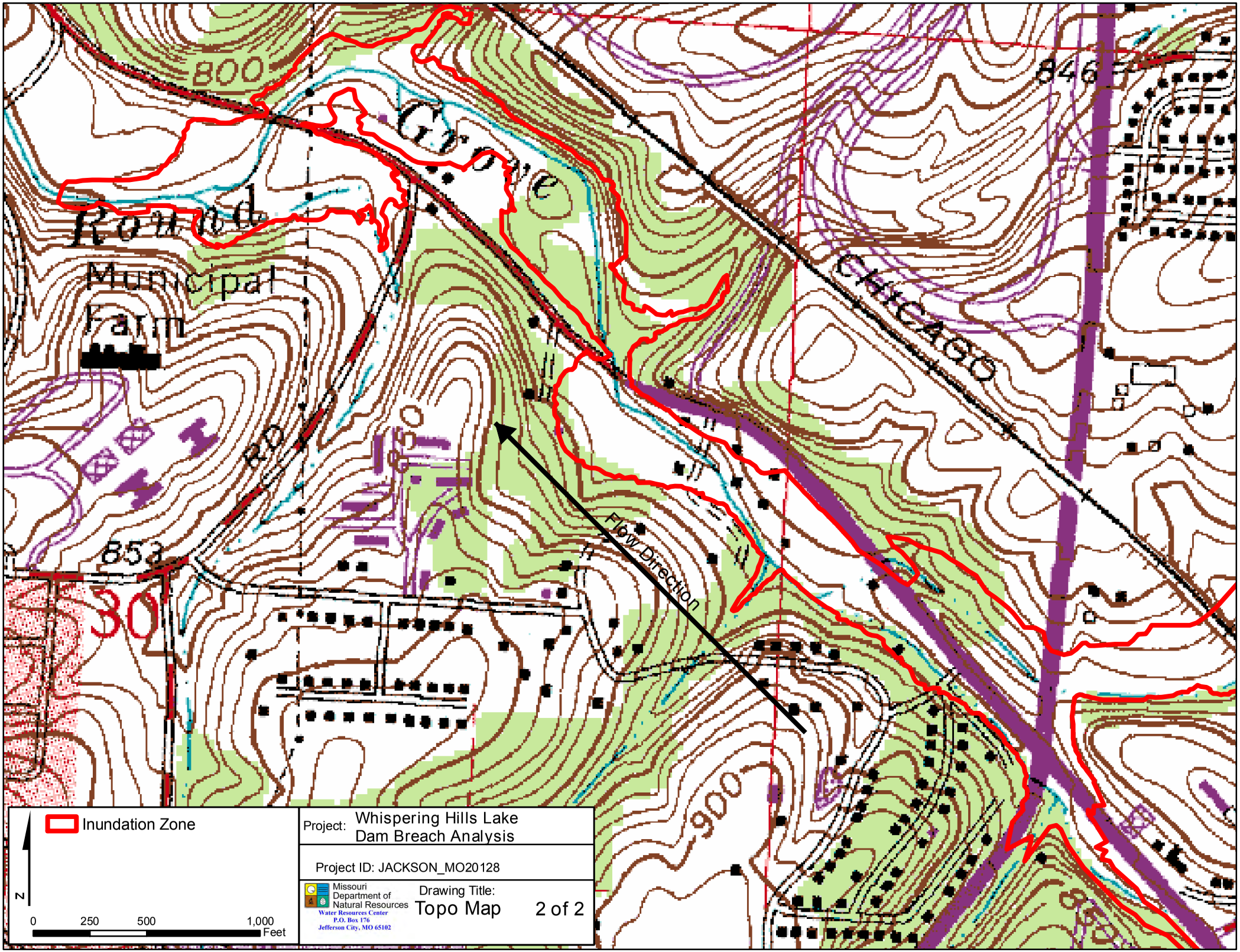
Project:	Whispering Hills Lake Dam Breach Analysis
Drawing Title:	Explanation Sheet 1 of 1
Missouri Department of Natural Resources Water Resources Center P.O. Box 176 Jefferson City, MO 65102	Project ID: JACKSON_MO20128


27 min
LANCER LN
LANCER LN
CHIEFS WAY
RED COAT DR
ROYAL WAY
ARROWHEAD DR
DUBINER CIR
40TH TER
I - 70
DEATON RD
40TH ST
39TH ST
39TH TER
40TH ST
41ST ST
I - 70
42ND ST
ARLINGTON AVE
43RD ST
PITTMAN RD
BLUE RIDGE CUTOFF
EAST CIR
LAUREL AVE
43RD TER
44TH ST
SPORTSMAN DR
OZARK RD
COLONIAL DR
45TH TER
47TH ST
47TH TER
47TH ST
49TH ST
49TH ST
SKILES AVE
MARSH AVE
SNIA BAR RD
BYRAMS FORD RD
FARLEY AVE
UNNAMED RD
RAYTOWN RD
ARLINGTON AVE
EVANSTON AVE
OVERTON AVE
50TH
51ST TER
Inundation Zone
Reservoir
Cross Sections
Roads
N
0
500
1,000
2,000
Feet
Project: Whispering Hills Lake Dam Breach Analysis
Project ID: JACKSON_MO20128
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Flood Arrival Times
1 of 1


43RD ST
DITZLER AVE
44TH ST
PITTMAN RD
45TH TER
HAWTHORNE AVE
Flow Direction
TYNERS RD
47TH ST
MAYWOOD AVE
CEDAR ST
48TH ST
Inundation Zone
Reservoir
Roads
N
0
250
500
1,000
Feet
Project: Whispering Hills Lake Dam Breach Analysis
Project ID: JACKSON_MO20128
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 1 of 2


DUBINER CIR
ROYAL WAY
43RD ST
SPORTSMAN DR
EAST CIR
LAUREL AVE
44TH ST
OZARK RD
RAYTOWN RD
COLONIAL DR
BLUE RIDGE CUTOFF
Flow Direction
47TH ST
SYCAMORE AVE
47TH TER
BYRAMS FORD RD
AVE
FARLEY AVE
49TH ST
Inundation Zone
Roads
N
0
250
500
1,000
Feet
Project: Whispering Hills Lake Dam Breach Analysis
Project ID: JACKSON_MO20128
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Detail Sheet 2 of 2


430
ST
893
Ras
Lake
850
950
Flow Direction
29
ROCK
Inundation Zone
Reservoir
N
0
250
500
1,000
Feet
Project: Whispering Hills Lake
Dam Breach Analysis
Project ID: JACKSON_MO20128
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
1 of 2


800
Grove
Round
Municipal
Farm
Chicago
846
853
Flow Direction
900
Inundation Zone
N
0
250
500
1,000
Feet
Project: Whispering Hills Lake Dam Breach Analysis
Project ID: JACKSON_MO20128
Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102
Drawing Title:
Topo Map
2 of 2

Appendix C:
Land Use Acreage Tables by Jurisdiction

(3 Pages)

	CASS COUNTY		CLAY COUNTY		JACKSON COUNTY		PLATTE COUNTY		PARKVILLE	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	2,047	10,789	6,483	4,261	9,993	13,070	1,135	2,508	70	92
Condo	0	0	5	0	91	0	0	0	0	0
Indust./Bus. Park	1,878	6,237	2,418	13,244	17,014	23,459	1,821	10,929	89	303
Mixed Use	0	315	0	5,936	11	13,455	0	3,592	0	591
Multi-Family	339	3,093	1,438	10,078	5,185	13,022	672	5,707	25	307
Office	36	1,172	764	876	2,306	3,684	441	308	45	21
Parks, Open Space	11,683	4,619	21,941	21,229	38,056	40,937	9,392	9,930	1,545	4,280
Public/Semipublic	3,087	2,700	7,022	4,026	10,354	7,583	13,452	11,190	169	131
ROW	9,333	5,074	18,677	7,251	44,814	13,405	16,133	3,480	1,293	755
RR ROW	0	0	2,429	255	741	0	0	0	0	0
Single Family	15,963	127,985	27,942	92,455	61,856	166,281	12,018	43,538	728	3,459
Single Family Low Density	23,372	279,118	11,527	99,746	21,609	92,374	5,298	180,870	80	0
Vacant/Ag	381,775	8,412	159,144	432	182,986	7,746	212,112	422	5,894	0
Grand Total	449,514	449,514	259,789	259,789	395,015	395,015	272,474	272,474	9,939	9,939

	BELTON		EXCELSIOR SPRINGS		BLUE SPRINGS		EDGERTON		PLATTE CITY	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	539	1,272	305	194	702	1,228	3	0	120	655
Condo	0	0	0	0	6	0	0	0	0	0
Indust./Bus. Park	196	356	149	286	382	735	1	0	5	11
Mixed Use	0	314	0	274	0	35	0	0	0	24
Multi-Family	95	324	57	83	389	542	0	0	49	134
Office	0	353	59	0	108	601	0	0	40	179
Parks, Open Space	540	488	147	1,004	1,473	1,004	10	0	120	109
Public/Semipublic	519	514	362	352	697	350	15	0	205	5
ROW	1,182	831	714	696	2,134	1,879	51	0	480	334
RR ROW	0	0	62	57	1	0	0	0	0	0
Single Family	2,326	4,740	1,256	2,099	4,330	7,783	123	828	372	753
Single Family Low Density	380	22	288	933	148	0	8	2	0	0
Vacant/Ag	3,435	0	2,581	3	3,787	0	619	0	879	64
Grand Total	9,212	9,212	5,979	5,979	14,158	14,158	830	830	2,269	2,269

	HARRISONVILLE		GLADSTONE		GRANDVIEW		FARLEY		PLATTE WOODS	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	347	1,100	279	119	470	445	6	0	5	0
Condo	0	0	1	0	0	0	0	0	0	0
Indust./Bus. Park	311	695	38	0	776	1,354	0	0	0	0
Mixed Use	0	0	0	618	0	613	0	0	0	0
Multi-Family	67	209	209	473	270	650	0	0	0	0
Office	25	0	89	0	46	236	0	0	2	0
Parks, Open Space	481	0	360	304	1,186	956	0	0	0	2
Public/Semipublic	468	155	244	0	277	6	2	0	17	0
ROW	798	744	888	868	1,175	1,133	35	0	49	0
RR ROW	0	0	0	0	2	0	0	0	0	0
Single Family	1,039	3,456	2,588	2,728	1,985	4,064	58	734	160	246
Single Family Low Density	148	0	88	0	184	2	41	0	6	0
Vacant/Ag	2,675	0	327	2	3,087	0	591	0	8	0
Grand Total	6,359	6,359	5,112	5,112	9,458	9,458	734	734	248	248

	LAKE WINNEBAGO		KEARNEY		INDEPENDENCE		FERRELVIEW		RIVERSIDE	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	7	0	222	615	1,607	2,222	1	0	95	258
Condo	0	0	0	0	7	0	0	0	0	0
Indust./Bus. Park	0	7	68	247	972	987	0	0	364	446
Mixed Use	0	0	0	319	2	2,037	0	0	0	186
Multi-Family	0	0	23	572	940	3,143	1	0	58	0
Office	0	0	64	61	351	185	0	0	13	52
Parks, Open Space	318	275	320	873	3,191	6,440	1	0	65	758
Public/Semipublic	13	0	793	311	1,826	1,112	10	0	133	101
ROW	115	84	656	567	6,167	249	15	71	852	223
RR ROW	0	0	32	28	4	0	0	0	0	0
Single Family	193	1,069	810	4,555	11,800	24,252	36	1	269	1,460
Single Family Low Density	28	0	58	150	1,800	5,860	0	0	50	0
Vacant/Ag	761	0	5,260	9	17,842	21	9	0	1,824	241
Grand Total	1,435	1,435	8,305	8,305	46,508	46,508	73	73	3,724	3,724

	PECULIAR		LIBERTY		LEE'S SUMMIT		HOUSTON LAKE		TRACY	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	161	597	1,083	752	1,147	2,534	0	0	6	0
Condo	0	0	0	0	46	0	0	0	0	0
Indust./Bus. Park	5	485	282	1,909	1,001	2,780	0	0	0	0
Mixed Use	0	0	0	561	0	4,142	0	0	0	0
Multi-Family	14	5	87	332	628	1,102	0	1	0	0
Office	0	0	134	0	391	220	0	0	0	0
Parks, Open Space	186	204	1,189	4,099	5,325	4,851	2	0	1	0
Public/Semipublic	278	302	1,111	720	1,727	1,706	1	0	11	0
ROW	333	57	1,781	986	5,166	2,618	28	0	63	0
RR ROW	0	0	355	15	9	0	0	0	0	0
Single Family	692	2,674	3,068	9,045	8,068	18,108	53	93	20	260
Single Family Low Density	143	366	484	35	1,343	0	0	0	8	0
Vacant/Ag	2,915	35	8,909	28	17,297	4,087	10	0	150	0
Grand Total	4,727	4,727	18,482	18,482	42,149	42,149	93	93	260	260

	PLEASANT HILL		MOSBY		OAK GROVE		LAKE WAUKOMIS		WEATHERBY LAKE	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	182	332	92	178	201	608			5	0
Condo	0	0	0	0	0	0	0	0	0	0
Indust./Bus. Park	2	196	0	219	71	96	0	0	0	0
Mixed Use	0	0	0	0	0	335	0	0	0	0
Multi-Family	38	17	0	0	86	142	0	0	0	0
Office	0	0	0	0	11	0	0	0	0	0
Parks, Open Space	339	78	0	0	87	0	18	0	27	0
Public/Semipublic	347	435	76	73	114	0	0	0	0	0
ROW	472	303	84	79	425	360	107	0	289	0
RR ROW	0	0	52	47	0	0	0	0	0	0
Single Family	1,143	3,743	38	119	764	1,772	94	254	387	854
Single Family Low Density	146	0	9	465	256	395	0	0	14	0
Vacant/Ag	2,442	5	870	42	1,694		34	0	132	0
Grand Total	5,111	5,111	1,222	1,222	3,708	3,708	254	254	854	854

	RAYMORE		NORTH KANSAS CITY		RAYTOWN		NORTHMOOR		WESTON	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	187	1,051	313	467	284	415	11	0	27	83
Condo	0	0	0	0	0	0	0	0	0	0
Indust./Bus. Park	53	0	783	1,591	135	118	18	0	5	0
Mixed Use	0	0	0	68	0	110	0	0	0	17
Multi-Family	75	345	72	152	203	72	0	0	9	107
Office	11	0	99	91	96	15	1	0	8	0
Parks, Open Space	1,228	1,368	57	5	310	198	0	1	1,100	1,246
Public/Semipublic	188	98	189	5	296	522	6	0	64	69
ROW	805	785	631	298	1,110	1,102	29	0	140	0
RR ROW	0	0	409	10	0	0	0	0	0	0
Single Family	2,147	7,530	137	209	3,493	3,833	42	150	230	596
Single Family Low Density	589	80	0	0	36	0	7	0	32	77
Vacant/Ag	5,975	0	243	39	422	0	38	0	580	0
Grand Total	11,258	11,258	2,933	2,933	6,385	6,385	151	151	2,195	2,195

	SMITHVILLE	
Land Use	**Existing**	**Planned**
Commercial	251	632
Condo	0	0
Indust./Bus. Park	43	105
Mixed Use	0	61
Multi-Family	18	345
Office	25	0
Parks, Open Space	198	3,527
Public/Semipublic	285	139
ROW	610	547
RR ROW	0	0
Single Family	956	4,565
Single Family Low Density	478	8
Vacant/Ag	7,076	11
Grand Total	9,941	9,941

	Kansas City, Cass		Kansas City, Clay		Kansas City, Jackson		Kansas City, Platte		Kansas City, Total	
Land Use	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**	**Existing**	**Planned**
Commercial	24	6	2,296	292	4,642	1,941	677	992	7,639	3,230
Condo	0	0	4	0	31	0	0	0	34	0
Indust./Bus. Park	0	18	683	7,497	5,928	11,703	901	6,660	7,512	25,878
Mixed Use	0	0	0	4,038	9	6,025	0	1,742	9	11,804
Multi-Family	0	0	943	6,826	2,431	6,861	497	4,663	3,871	18,350
Office	0	3	253	612	1,239	1,315	323	56	1,815	1,986
Parks, Open Space	106	110	3,713	7,894	12,303	21,454	1,690	2,388	17,812	31,847
Public/Semipublic	119	487	2,678	1,778	4,324	3,357	10,879	10,768	18,000	16,390
ROW	17	13	7,481	1,751	19,668	2,249	4,047	934	31,213	4,947
RR ROW	0	0	846	12	710	0	0	0	1,556	12
Single Family	1	36	10,299	26,335	21,643	46,091	3,848	16,695	35,791	89,157
Single Family Low Density	0	0	1,067	2	2,348	0	536	1	3,952	3
Vacant/Ag	406	0	26,785	12	25,720	0	21,500	0	74,411	12
Grand Total	673	673	57,049	57,049	100,996	100,996	44,898	44,898	203,616	203,616

Appendix C:
Population and Employment Forecasts Table by Jurisdiction

(1 Page)

		Population change				Employment change			
COUNTY		**2010-20**	**2020-30**	**2030-40**	**2010-40**	**2010-20**	**2020-30**	**2030-40**	**2010-40**
Cass	BELTON	1,046	981	743	2,770	1,198	975	397	2,571
Cass	HARRISONVILLE	853	829	750	2,433	262	399	336	997
Cass	KANSAS CITY	54	0	47	101	7	16	17	40
Cass	LAKE WINNEBAGO	358	326	162	845	0	-2	-1	-3
Cass	LEE'S SUMMIT	609	192	48	849	0	1	-1	0
Cass	PECULIAR	1,138	462	328	1,928	553	150	206	908
Cass	PLEASANT HILL	954	422	404	1,780	76	197	182	454
Cass	RAYMORE	2,778	2,759	1,334	6,871	517	460	511	1,488
Cass	Unincorporated	6,207	7,751	8,943	22,901	1,780	1,750	1,257	4,786
Clay	EXCELSIOR SPRINGS	881	801	949	2,631	146	414	181	741
Clay	GLADSTONE	1,669	1,780	2,188	5,637	430	581	1,291	2,302
Clay	KANSAS CITY	22,539	17,937	16,017	56,493	8,227	6,911	5,011	20,148
Clay	KEARNEY	3,084	2,722	3,779	9,586	384	409	152	944
Clay	LIBERTY	2,786	3,359	2,171	8,316	968	718	430	2,117
Clay	MOSBY	-6	3	47	43	0	96	65	161
Clay	NORTH KANSAS CITY	306	220	168	693	198	215	-337	76
Clay	SMITHVILLE	4,336	4,079	3,096	11,511	184	321	228	733
Clay	Unincorporated	3,366	3,303	3,333	10,002	588	321	694	1,603
Jackson	BLUE SPRINGS	3,622	2,363	2,006	7,990	1,654	227	416	2,297
Jackson	GRANDVIEW	2,172	1,821	-131	3,862	455	5,192	567	6,215
Jackson	INDEPENDENCE	2,000	4,967	5,213	12,180	417	1,060	1,155	2,632
Jackson	KANSAS CITY	-7,774	1,918	8,163	2,307	1,605	4,257	9,783	15,644
Jackson	LEE'S SUMMIT	10,213	8,558	9,568	28,339	7,812	4,096	3,353	15,261
Jackson	OAK GROVE	1,602	6	214	1,822	995	101	9	1,106
Jackson	RAYTOWN	-257	132	-115	-240	-267	-1	133	-136
Jackson	Unincorporated	950	368	615	1,933	480	153	209	842
Platte	EDGERTON	27	27	28	82	0	0	0	0
Platte	FARLEY	28	28	28	83	0	0	0	0
Platte	FERRELVIEW	-2	-24	0	-26	0	0	0	0
Platte	HOUSTON LAKE	21	3	10	33	-2	0	0	-2
Platte	KANSAS CITY	9,236	11,696	12,072	33,003	8,411	8,684	8,128	25,223
Platte	LAKE WAUKOMIS	-23	4	-15	-34	0	0	0	0
Platte	NORTHMOOR	0	42	45	87	-8	0	0	-8
Platte	PARKVILLE	1,992	2,026	1,997	6,016	1,183	1,398	1,626	4,206
Platte	PLATTE CITY	108	247	218	573	461	1,179	194	1,834
Platte	PLATTE WOODS	2	36	34	72	0	0	0	0
Platte	RIVERSIDE	410	304	157	870	5,297	2,231	-74	7,454
Platte	TRACY	4	104	38	147	-1	0	-1	-1
Platte	WEATHERBY LAKE	303	13	67	383	0	0	0	0
Platte	WESTON	270	130	176	576	-126	-15	5	-136
Platte	Unincorporated	2,991	2,583	3,292	8,865	113	544	871	1,528

Projections maintain 2010 municipal boundaries

Appendix C:
Vulnerable Populations Table by Jurisdiction

(15 Pages)

Counties and Cities	Cass	Clay	Jackson	Platte	Ray	Blue Springs	Dearborn	Edgerton	Excelsior Springs	Farley	Ferrelview	Harrisonville
Population by Age												
Total:	99,875	225,116	675,641	90,842	23,290	52,776	524	768	11,308	349	594	10,012
Under 5 years	6,428	15,861	47,392	5,640	1,401	3,300	14	50	682	21	39	646
% under 5 years	6.4%	7.0%	7.0%	6.2%	6.0%	6.3%	2.7%	6.5%	6.0%	6.0%	6.6%	6.5%
Under 18 years	26,061	57,557	164,469	22,164	5,726	14,100	142	204	2,854	120	123	2,654
% under 18 years	26.1%	25.6%	24.3%	24.4%	24.6%	26.7%	27.1%	26.6%	25.2%	34.4%	20.7%	26.5%
65 years and over	14,037	26,155	86,059	10,661	3,568	5,514	75	158	1,498	61	42	1,667
% 65 years and over	14.1%	11.6%	12.7%	11.7%	15.3%	10.4%	14.3%	20.6%	13.2%	17.5%	7.1%	16.7%
Civilian non-institutionalized population												
Total:	98,904	223,436	669,314	89,803	22,958	52,561	524	768	11,045	349	591	9,628
With a disability	11,683	24,869	85,492	8,858	3,380	4,771	86	139	1,615	51	58	1,408
% with a disability	11.8%	11.1%	12.8%	9.9%	14.7%	9.1%	16.4%	18.1%	14.6%	14.6%	9.8%	14.6%
Ability to Speak English - Universe: Population 5 years and over												
Total:	93,447	209,255	628,249	85,202	21,889	49,476	510	718	10,626	328	555	9,366
Speak only English	90,132	193,537	573,099	78,975	21,483	47,869	497	718	10,335	328	538	9,139
Speak other languages and:												
Speak English "very well"	2,390	10,257	33,483	3,734	270	1,040	13	0	83	0	17	219
Speak English "well"	954	4,403	17,179	1,795	129	395	4	0	97	0	3	69
Speak English "not well"	355	1,745	10,228	805	40	81	0	0	37	0	0	20
Speak English "not at all"	119	892	3,932	286	14	201	0	0	74	0	0	7
% speak English less than "very well"	1.5%	3.4%	5.0%	3.4%	0.8%	1.4%	0.8%	0.0%	2.0%	0.0%	0.5%	1.0%
Limited English-Speaking Households - Universe: Households												
Total:	37,307	86,934	271,545	36,781	8,735	19,196	208	269	4,131	109	289	3,934
Limited English speaking households	376	2,526	12,701	1,046	54	69	0	0	28	0	0	0
% limited English speaking households	1.0%	2.9%	4.7%	2.8%	0.6%	0.4%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
Year structure built - Universe: Housing units												
Total:	40,108	93,817	312,305	39,359	9,957	19,969	252	310	4,684	117	369	4,330
50 years old or more	9,886	32,193	171,676	8,070	4,027	1,102	137	141	1,586	35	113	911
% 50 years old or more	24.6%	34.3%	55.0%	20.5%	40.4%	5.5%	54.4%	45.5%	33.9%	29.9%	30.6%	21.0%
Built in 1939 or earlier	2,706	5,227	58,473	1,687	1,704	321	120	75	739	27	19	457
% built in 1939 or earlier	6.7%	5.6%	18.7%	4.3%	17.1%	1.6%	47.6%	24.2%	15.8%	23.1%	5.1%	10.6%

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Cass	Clay	Jackson	Platte	Ray	Blue Springs	Dearborn	Edgerton	Excelsior Springs	Farley	Ferrelview	Harrisonville
Median household income in the past 12 months (in 2013 inflation-adjusted dollars) - Universe: Households												
Median household income	60,350	60,936	47,015	67,721	52,698	65,838	47,917	49,417	49,779	75,625	37,031	45,048
Poverty status in the past 12 months - Universe: Population for whom poverty status is determined												
Total:	98,507	222,258	664,695	89,948	22,834	52,206	524	768	10975	349	594	9,509
Persons with income below poverty level	8,775	20,049	115,437	6,683	2,656	4,339	58	49	1388	33	178	1,493
% persons below the poverty level	8.9%	9.0%	17.4%	7.4%	11.6%	8.3%	11.1%	6.4%	12.6%	9.5%	30.0%	15.7%
Educational Attainment - Universe: Population 25 and over												
Total:	66,032	149,210	449,500	61,338	15,829	34,257	333	505	7,193	224	407	6,450
Less than 9th grade	1,305	3,258	15,557	1,040	454	460	2	16	286	1	8	274
9th to 12th grade, no diploma	3,967	8,976	37,216	2,519	1,403	1,594	20	49	847	10	54	421
HS graduate (includes equivalency)	23,040	41,350	132,534	14,181	7,149	10,076	139	268	2,912	86	153	2,670
Some college, no degree	17,001	38,013	109,644	15,067	3,645	9,331	74	93	1,690	42	91	1,440
Associate's degree	5,366	11,983	30,279	4,494	977	2,475	38	32	614	15	39	431
Bachelor's degree	10,440	30,695	76,897	15,357	1,429	6,405	38	37	567	63	51	734
Graduate or professional degree	4,913	14,935	47,373	8,680	772	3,916	22	10	277	7	11	480
% with no HS diploma	8.0%	8.2%	11.7%	5.8%	11.7%	6.0%	6.6%	12.9%	15.8%	4.9%	15.2%	10.8%
% with a HS diploma or higher	92.0%	91.8%	88.3%	94.2%	88.3%	94.0%	93.4%	87.1%	84.2%	95.1%	84.8%	89.2%
% with a bachelor's degree or higher	23.3%	30.6%	27.6%	39.2%	13.9%	30.1%	18.0%	9.3%	11.7%	31.3%	15.2%	18.8%
Health insurance status and type by employment status by age - Universe: Civilian noninstitutionalized population 18 years and over												
Total, 18 years and over:	72,853	166,034	505,436	67,642	17,232	38,461	382	564	8,215	229	468	6,976
In labor force:	50,558	121,374	349,191	50,004	11,031	28,391	258	330	5,553	166	383	4,884
In labor force: - Employed:	46,954	113,532	317,213	47,151	10,112	26,589	240	298	5,221	159	333	4,521
In labor force: - Unemployed:	3,604	7,842	31,978	2,853	919	1,802	18	32	332	7	50	363
Unemployment rate:	7.1%	6.5%	9.2%	5.7%	8.3%	6.3%	7.0%	9.7%	6.0%	4.2%	13.1%	7.4%
Not in labor force:	22,295	44,660	156,245	17,638	6,201	10,070	124	234	2,662	63	85	2,092

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Cass	Clay	Jackson	Platte	Ray	Blue Springs	Dearborn	Edgerton	Excelsior Springs	Farley	Ferrelview	Harrisonville
18 to 64 years:	59,443	140,649	422,567	57,271	13,868	33,092	307	406	6,873	168	426	5,539
With health insurance coverage	50,087	120,887	327,409	51,038	12,081	28,509	270	342	5,198	142	277	4,212
No health insurance coverage	9,356	19,762	95,158	6,233	1,787	4,583	37	64	1,675	26	149	1,327
% uninsured, 18 to 64 years	15.7%	14.1%	22.5%	10.9%	12.9%	13.8%	12.1%	15.8%	24.4%	15.5%	35.0%	24.0%
Employed:	44,777	109,063	303,165	45,283	9,595	25,533	234	267	5,013	138	312	4,338
With health insurance coverage	38,857	96,764	247,689	40,992	8,591	22,441	204	239	3,877	117	211	3,318
No health insurance coverage	5,920	12,299	55,476	4,291	1,004	3,092	30	28	1,136	21	101	1,020
% uninsured, employed	13.2%	11.3%	18.3%	9.5%	10.5%	12.1%	12.8%	10.5%	22.7%	15.2%	32.4%	23.5%
Unemployed:	3,473	7,585	31,024	2,668	866	1,708	18	32	332	7	50	363
With health insurance coverage	1,915	4,234	14,764	1,683	573	1,085	13	16	163	2	15	232
No health insurance coverage	1,558	3,351	16,260	985	293	623	5	16	169	5	35	131
% uninsured, unemployed	44.9%	44.2%	52.4%	36.9%	33.8%	36.5%	27.8%	50.0%	50.9%	71.4%	70.0%	36.1%
Not in labor force:	11,193	24,001	88,378	9,320	3,407	5,851	55	107	1,528	23	64	838
With health insurance coverage	9,315	19,889	64,956	8,363	2,917	4,983	53	87	1,158	23	51	662
No health insurance coverage	1,878	4,112	23,422	957	490	868	2	20	370	0	13	176
% uninsured, not in labor force	16.8%	17.1%	26.5%	10.3%	14.4%	14.8%	3.6%	18.7%	24.2%	0.0%	20.3%	21.0%

Health insurance by age - Universe: Civilian noninstitutionalized population

Total:	98,904	223,436	669,314	89,803	22,958	52,561	524	768	11,045	349	591	9,628
With health insurance coverage	42,655	97,359	265,516	40,422	10,545	47,186	478	692	9,096	323	442	8,026
Under 6 years	4,044	9,372	27,247	3,580	782	4,134	16	57	948	26	42	780
6 to 17 years	8,477	18,544	49,071	7,464	2,048	9,201	117	135	1,608	94	81	1,597
18 to 24 years	2,959	6,644	19,473	3,213	693	3,412	36	52	579	3	52	655
25 to 34 years	4,577	12,876	33,454	4,491	1,038	5,799	51	47	1,016	6	45	771
35 to 44 years	5,329	13,516	32,045	5,172	1,257	6,435	51	67	1,255	44	76	1,217
45 to 54 years	6,192	14,131	37,671	6,409	1,703	6,974	88	87	1,415	59	67	815
55 to 64 years	5,137	11,244	31,928	5,439	1,433	5,889	44	89	933	30	37	754
65 to 74 years	3,586	6,744	20,112	3,048	1,020	3,346	47	103	682	45	26	698
75 years and over	2,354	4,288	14,515	1,606	571	1,996	28	55	660	16	16	739
No health insurance coverage	5,709	11,979	57,965	3,699	904	5,375	46	76	1,949	26	149	1,602
Under 6 years	204	308	2,006	81	10	237	0	4	64	0	0	50
6 to 17 years	678	1,160	5,039	281	95	528	9	8	210	0	0	225
18 to 24 years	1,031	2,441	10,321	447	182	1,007	13	7	640	2	12	232
25 to 34 years	1,139	2,836	15,132	1,281	156	1,295	11	10	281	6	27	446

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Cass	Clay	Jackson	Platte	Ray	Blue Springs	Dearborn	Edgerton	Excelsior Springs	Farley	Ferrelview	Harrisonville
35 to 44 years	1,108	2,203	10,300	777	212	993	0	9	214	9	67	321
45 to 54 years	1,056	1,828	9,130	583	144	789	13	25	270	9	41	103
55 to 64 years	493	1,117	5,703	180	90	499	0	13	270	0	2	225
65 to 74 years	0	80	204	45	0	12	0	0	0	0	0	0
75 years and over	0	6	130	24	15	15	0	0	0	0	0	0
% total with no health insurance	5.8%	5.4%	8.7%	4.1%	3.9%	10.2%	8.8%	9.9%	17.6%	7.4%	25.2%	16.6%
% under 18 with no health insurance	6.6%	5.0%	8.5%	3.2%	3.6%	5.4%	6.3%	5.9%	9.7%	0.0%	0.0%	10.4%
% 18 to 64 with no health insurance	16.6%	15.1%	24.7%	11.7%	11.3%	13.8%	12.1%	15.8%	24.4%	15.5%	35.0%	24.0%
% 65 and over with no health insurance	0.0%	0.8%	1.0%	1.5%	0.9%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Population by race and ethcnic origin - Universe: Total population												
Total:	99,875	225,116	675,641	90,842	23,290	52,776	524	768	11,308	349	594	10,012
Not Hispanic or Latino:	95,821	211,421	618,844	86,087	22,832	50,764	494	768	11,017	349	557	9,600
White alone	89,051	187,971	427,020	76,045	22,052	45,009	459	768	10,110	349	487	9,377
% White Alone	89.2%	83.5%	63.2%	83.7%	94.7%	85.3%	87.6%	100.0%	89.4%	100.0%	82.0%	93.7%
Black or African American alone	3,522	11,340	159,332	5,408	255	3,148	5	0	471	0	41	112
% Black or African American Alone	3.5%	5.0%	23.6%	6.0%	1.1%	6.0%	1.0%	0.0%	4.2%	0.0%	6.9%	1.1%
Other races alone	3,248	12,110	32,492	4,634	525	2,607	30	0	436	0	29	111
Hispanic or Latino:	4,054	13,695	56,797	4,755	458	2,012	30	0	291	0	37	412
% Hispanic or Latino	4.1%	6.1%	8.4%	5.2%	2.0%	3.8%	5.7%	0.0%	2.6%	0.0%	6.2%	4.1%

Veteran status for the civilian population 18 years and over

Total civilian population 18 years and over	73,654	167,357	510,947	68,109	17,564	38,657	382	564	8,454	229	468	7,345
Veteran	8,688	17,663	48,827	7,457	1,853	3,944	38	82	755	48	85	791
Nonveteran	64,966	149,694	462,120	60,652	15,711	34,713	344	482	7,699	181	383	6,554
% veterans	11.8%	10.6%	9.6%	10.9%	10.5%	10.2%	9.9%	14.5%	8.9%	21.0%	18.2%	10.8%

Housing units with no vehicle available - Universe: Occupied housing units

Total housing units:	37,307	86,934	271,545	36,781	8,735	19,196	208	269	4,131	109	289	3,934
Owner occupied:	28,959	61,738	165,840	23,662	6,818	13,345	134	231	2,614	97	126	2,521
% owner-occupied	77.6%	71.0%	61.1%	64.3%	78.1%	69.5%	64.4%	85.9%	63.3%	89.0%	43.6%	64.1%
Renter occupied:	8,348	25,196	105,705	13,119	1,917	5,851	74	38	1,517	12	163	1,413
% renter-occupied	22.4%	29.0%	38.9%	35.7%	21.9%	30.5%	35.6%	14.1%	36.7%	11.0%	56.4%	35.9%
Total housing units with no vehicles available:	1,220	3,655	26,231	1,563	526	391	13	5	333	0	25	270

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Cass	Clay	Jackson	Platte	Ray	Blue Springs	Dearborn	Edgerton	Excelsior Springs	Farley	Ferrelview	Harrisonville
% without vehicles:	3.3%	4.2%	9.7%	4.2%	6.0%	2.0%	6.3%	1.9%	8.1%	0.0%	8.7%	6.9%
Owner occupied with no vehicle available	407	1,144	5,392	344	197	171	0	5	77	0	4	22
% owner-occupied without vehicles:	1.4%	1.9%	3.3%	1.5%	2.9%	1.3%	0.0%	2.2%	2.9%	0.0%	3.2%	0.9%
Renter occupied with no vehicle available	813	2,511	20,839	1,219	329	220	13	0	256	0	21	248
% renter-occupied without vehicles:	9.7%	10.0%	19.7%	9.3%	17.2%	3.8%	17.6%	0.0%	16.9%	0.0%	12.9%	17.6%

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Houston Lake	Independence	Kansas City	Kearney	Lake Waukomis	Lake Winnebago	Northmoor	Oak Grove	Parkville	Peculiar	Platte City
Population by Age											
Total:	273	116,881	462,378	8,637	1,009	1,393	408	7,745	5,682	4,687	4,729
Under 5 years	21	8,268	34,290	549	35	116	27	591	167	369	348
% under 5 years	7.7%	7.1%	7.4%	6.4%	3.5%	8.3%	6.6%	7.6%	2.9%	7.9%	7.4%
Under 18 years	47	26,863	110,878	2,679	116	365	81	2,457	1,458	1,332	1,264
% under 18 years	17.2%	23.0%	24.0%	31.0%	11.5%	26.2%	19.9%	31.7%	25.7%	28.4%	26.7%
65 years and over	51	19,110	52,984	685	214	230	29	845	661	435	415
% 65 years and over	18.7%	16.3%	11.5%	7.9%	21.2%	16.5%	7.1%	10.9%	11.6%	9.3%	8.8%
Civilian non-institutionalized population											
Total:	273	115,870	457,940	8,617	1,003	1,393	408	7,661	5,682	4,687	4,296
With a disability	27	18,587	57,092	652	94	63	58	885	394	512	510
% with a disability	9.9%	16.0%	12.5%	7.6%	9.4%	4.5%	14.2%	11.6%	6.9%	10.9%	11.9%
Ability to Speak English - Universe: Population 5 years and over											
Total:	252	108,613	428,088	8,088	974	1,277	381	7,154	5,515	4,318	4,381
Speak only English	246	101,384	376,692	7,888	957	1,244	377	6,968	5,156	4,201	4,261
Speak other languages and:											
Speak English "very well"	6	4,185	30,998	167	17	33	4	161	238	74	120
Speak English "well"	0	2,731	15,833	33	0	0	0	38	95	43	37
Speak English "not well"	0	1,588	9,075	0	0	6	0	0	26	0	0
Speak English "not at all"	0	317	3,453	16	0	0	0	0	0	0	0
% speak English less than "very well"	0.0%	4.3%	6.6%	0.6%	0.0%	0.5%	0.0%	0.5%	2.2%	1.0%	0.8%
Limited English-Speaking Households - Universe: Households											
Total:	109	48,108	192,648	3,134	465	492	166	2,641	2,069	1,743	2,031
Limited English speaking households	0	809	5,473	0	0	0	0	0	7	22	0
% limited English speaking households	0.0%	1.7%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.3%	0.0%
Year structure built - Universe: Housing units											
Total:	109	53,535	225,145	3,379	496	530	201	2,881	2,273	1,787	2,179
50 years old or more	61	20,063	99,512	225	160	3	94	225	240	128	246
% 50 years old or more	56.0%	37.5%	44.2%	6.7%	32.3%	0.6%	46.8%	7.8%	10.6%	7.2%	11.3%
Built in 1939 or earlier	16	6,586	50,024	173	9	0	39	114	108	33	40
% built in 1939 or earlier	14.7%	12.3%	22.2%	5.1%	1.8%	0.0%	19.4%	4.0%	4.8%	1.8%	1.8%

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Houston Lake	Independence	Kansas City	Kearney	Lake Waukomis	Lake Winnebago	Northmoor	Oak Grove	Parkville	Peculiar	Platte City
Median household income in the past 12 months (in 2013 inflation-adjusted dollars) - Universe: Households											
Median household income	52,125	44,261	45,275	75,243	69,375	101,250	54,500	50,018	107,917	57,176	61,192

*Note: Oak Grove's median income is from 2012 ACS 5-Year Estimates, 2013 is not available.

Poverty status in the past 12 months - Universe: Population for whom poverty status is determined											
Total:	273	115,268	454,587	8,613	1,009	1,393	406	7614	5,396	4,687	4,579
Persons with income below poverty level	21	20,022	86,683	408	39	28	49	840	519	562	708
% persons below the poverty level	7.7%	17.4%	19.1%	4.7%	3.9%	2.0%	12.1%	11.0%	9.6%	12.0%	15.5%
Educational Attainment - Universe: Population 25 and over											
Total:	203	79,893	307,314	5,316	797	944	290	4,570	3,507	2,955	3,059
Less than 9th grade	7	2,791	11,762	41	0	1	8	142	57	90	52
9th to 12th grade, no diploma	16	7,789	26,674	80	10	13	16	420	108	117	243
HS graduate (includes equivalency)	64	30,074	79,702	1,382	193	111	140	1,633	425	1,023	910
Some college, no degree	56	20,232	71,965	1,356	243	168	65	1,126	406	807	786
Associate's degree	18	5,061	21,076	509	57	67	27	522	206	263	202
Bachelor's degree	30	9,208	59,632	1,221	153	341	29	513	1,336	438	551
Graduate or professional degree	12	4,738	36,503	727	141	243	5	214	969	217	315
% with no HS diploma	11.3%	13.2%	12.5%	2.3%	1.3%	1.5%	8.3%	12.3%	4.7%	7.0%	9.6%
% with a HS diploma or higher	88.7%	86.8%	87.5%	97.7%	98.7%	98.5%	91.7%	87.7%	95.3%	93.0%	90.4%
% with a bachelor's degree or higher	20.7%	17.5%	31.3%	36.6%	36.9%	61.9%	11.7%	15.9%	65.7%	22.2%	28.3%
Health insurance status and type by employment status by age - Universe: Civilian noninstitutionalized population 18 years and over											
Total, 18 years and over:	226	89,091	347,504	5,938	887	1,028	327	5,204	4,224	3,355	3,032
In labor force:	147	57,597	244,912	4,696	641	697	261	3,703	3,043	2,493	2,279
In labor force: - Employed:	137	51,883	221,955	4,522	624	657	236	3,430	2,890	2,266	2,115
In labor force: - Unemployed:	10	5,714	22,957	174	17	40	25	273	153	227	164
Unemployment rate:	6.8%	9.9%	9.4%	3.7%	2.7%	5.7%	9.6%	7.4%	5.0%	9.1%	7.2%
Not in labor force:	79	31,494	102,592	1,242	246	331	66	1,501	1,181	862	753

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Houston Lake	Independence	Kansas City	Kearney	Lake Waukomis	Lake Winnebago	Northmoor	Oak Grove	Parkville	Peculiar	Platte City
18 to 64 years:	175	70,733	296,202	5,273	673	798	298	4,437	3,563	2,920	2,663
With health insurance coverage	132	54,017	229,168	4,852	648	744	246	3,661	3,330	2,429	2,241
No health insurance coverage	43	16,716	67,034	421	25	54	52	776	233	491	422
% uninsured, 18 to 64 years	24.6%	23.6%	22.6%	8.0%	3.7%	6.8%	17.4%	17.5%	6.5%	16.8%	15.8%
Employed:	121	49,378	212,619	4,414	586	605	224	3,367	2,717	2,241	2,053
With health insurance coverage	95	40,244	173,526	4,150	563	576	192	2,828	2,550	1,901	1,812
No health insurance coverage	26	9,134	39,093	264	23	29	32	539	167	340	241
% uninsured, employed	21.5%	18.5%	18.4%	6.0%	3.9%	4.8%	14.3%	16.0%	6.1%	15.2%	11.7%
Unemployed:	10	5,584	22,313	174	6	29	25	252	136	218	164
With health insurance coverage	3	2,734	10,442	157	6	22	14	81	88	135	76
No health insurance coverage	7	2,850	11,871	17	0	7	11	171	48	83	88
% uninsured, unemployed	70.0%	51.0%	53.2%	9.8%	0.0%	24.1%	44.0%	67.9%	35.3%	38.1%	53.7%
Not in labor force:	44	15,771	61,270	685	81	164	49	818	710	461	446
With health insurance coverage	34	11,039	45,200	545	79	146	40	752	692	393	353
No health insurance coverage	10	4,732	16,070	140	2	18	9	66	18	68	93
% uninsured, not in labor force	22.7%	30.0%	26.2%	20.4%	2.5%	11.0%	18.4%	8.1%	2.5%	14.8%	20.9%

Health insurance by age - Universe: Civilian noninstitutionalized population

Total:	273	115,870	457,940	8,617	1,003	1,393	408	7,661	5,682	4,687	4,296
With health insurance coverage	228	96,897	381,103	8,147	978	1,339	356	6,657	5,426	4,182	3,811
Under 6 years	19	9,229	38,122	792	40	127	32	790	306	417	397
6 to 17 years	26	15,315	63,123	1,838	76	238	49	1,452	1,129	901	804
18 to 24 years	14	6,802	31,111	628	91	79	30	556	695	307	314
25 to 34 years	19	11,214	55,162	1,080	87	73	28	896	270	642	504
35 to 44 years	28	10,559	46,893	1,202	80	185	86	976	506	587	332
45 to 54 years	24	13,282	51,187	1,157	177	151	76	671	1,159	523	641
55 to 64 years	47	12,160	44,815	785	213	256	26	562	700	370	450
65 to 74 years	25	9,530	27,489	433	128	164	18	409	501	238	291
75 years and over	26	8,806	23,201	232	86	66	11	345	160	197	78
No health insurance coverage	45	18,973	76,837	470	25	54	52	1,004	256	505	485
Under 6 years	2	684	2,466	17	0	0	0	59	0	14	37
6 to 17 years	0	1,551	6,725	32	0	0	0	156	23	0	26
18 to 24 years	9	3,303	12,695	14	5	5	7	162	22	93	44
25 to 34 years	18	4,854	20,257	207	0	4	6	204	79	154	150

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Houston Lake	Independence	Kansas City	Kearney	Lake Waukomis	Lake Winnebago	Northmoor	Oak Grove	Parkville	Peculiar	Platte City
35 to 44 years	6	3,494	13,815	87	5	3	1	176	29	86	99
45 to 54 years	5	2,765	12,389	53	12	5	30	131	86	102	123
55 to 64 years	5	2,300	7,878	60	3	37	8	103	17	56	6
65 to 74 years	0	22	444	0	0	0	0	13	0	0	0
75 years and over	0	0	168	0	0	0	0	0	0	0	0
% total with no health insurance	16.5%	16.4%	16.8%	5.5%	2.5%	3.9%	12.7%	13.1%	4.5%	10.8%	11.3%
% under 18 with no health insurance	4.3%	8.3%	8.3%	1.8%	0.0%	0.0%	0.0%	8.8%	1.6%	1.1%	5.0%
% 18 to 64 with no health insurance	24.6%	23.6%	22.6%	8.0%	3.7%	6.8%	17.4%	17.5%	6.5%	16.8%	15.8%
% 65 and over with no health insurance	0.0%	0.1%	1.2%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%
Population by race and ethcnic origin - Universe: Total population											
Total:	273	116,881	462,378	8,637	1,009	1,393	408	7,745	5,682	4,687	4,729
Not Hispanic or Latino:	254	106,641	415,640	8,427	992	1,352	403	6,983	5,534	4,568	4,591
White alone	246	93,932	254,606	7,932	974	1,339	387	6,826	5,013	4,262	4,328
% White Alone	90.1%	80.4%	55.1%	91.8%	96.5%	96.1%	94.9%	88.1%	88.2%	90.9%	91.5%
Black or African American alone	3	8,097	134,165	13	0	7	11	72	229	88	159
% Black or African American Alone	1.1%	6.9%	29.0%	0.2%	0.0%	0.5%	2.7%	0.9%	4.0%	1.9%	3.4%
Other races alone	5	4,612	26,869	482	18	6	5	85	292	218	104
Hispanic or Latino:	19	10,240	46,738	210	17	41	5	762	148	119	138
% Hispanic or Latino	7.0%	8.8%	10.1%	2.4%	1.7%	2.9%	1.2%	9.8%	2.6%	2.5%	2.9%

Veteran status for the civilian population 18 years and over

Total civilian population 18 years and over	226	89,994	351,144	5,958	887	1,028	327	5,288	4,224	3,355	3,182
Veteran	52	10,503	31,565	557	128	99	37	618	408	370	486
Nonveteran	174	79,491	319,579	5,401	759	929	290	4,670	3,816	2,985	2,696
% veterans	23.0%	11.7%	9.0%	9.3%	14.4%	9.6%	11.3%	11.7%	9.7%	11.0%	15.3%

Housing units with no vehicle available - Universe: Occupied housing units

Total housing units:	109	48,108	192,648	3,134	465	492	166	2,641	2,069	1,743	2,031
Owner occupied:	94	31,144	108,507	2,285	438	472	118	1,695	1,625	1,259	782
% owner-occupied	86.2%	64.7%	56.3%	72.9%	94.2%	95.9%	71.1%	64.2%	78.5%	72.2%	38.5%
Renter occupied:	15	16,964	84,141	849	27	20	48	946	444	484	1,249
% renter-occupied	13.8%	35.3%	43.7%	27.1%	5.8%	4.1%	28.9%	35.8%	21.5%	27.8%	61.5%
Total housing units with no vehicles available:	1	3,312	21,662	49	21	5	2	104	27	62	30

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Houston Lake	Independence	Kansas City	Kearney	Lake Waukomis	Lake Winnebago	Northmoor	Oak Grove	Parkville	Peculiar	Platte City
% without vehicles:	0.9%	6.9%	11.2%	1.6%	4.5%	1.0%	1.2%	3.9%	1.3%	3.6%	1.5%
Owner occupied with no vehicle available	1	838	4,030	0	21	5	0	28	17	24	0
% owner-occupied without vehicles:	1.1%	2.7%	3.7%	0.0%	4.8%	1.1%	0.0%	1.7%	1.0%	1.9%	0.0%
Renter occupied with no vehicle available	0	2,474	17,632	49	0	0	2	76	10	38	30
% renter-occupied without vehicles:	0.0%	14.6%	21.0%	5.8%	0.0%	0.0%	4.2%	8.0%	2.3%	7.9%	2.4%

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Platte Woods	Raymore	Raytown	Richmond	Riverside	Tracy	Weatherby Lake	Weston
Population by Age								
Total:	403	19,330	29,513	5,746	2,981	181	1,845	1,713
Under 5 years	12	1,162	2,079	394	249	19	60	74
% under 5 years	3.0%	6.0%	7.0%	6.9%	8.4%	10.5%	3.3%	4.3%
Under 18 years	53	5,188	7,346	1,430	588	51	324	462
% under 18 years	13.2%	26.8%	24.9%	24.9%	19.7%	28.2%	17.6%	27.0%
65 years and over	96	2,743	4,725	1,032	486	25	447	269
% 65 years and over	23.8%	14.2%	16.0%	18.0%	16.3%	13.8%	24.2%	15.7%
Civilian non-institutionalized population								
Total:	403	19,097	29,097	5,551	2,799	181	1,844	1,698
With a disability	44	1,830	3,854	965	404	21	145	192
% with a disability	10.9%	9.6%	13.2%	17.4%	14.4%	11.6%	7.9%	11.3%
Ability to Speak English - Universe: Population 5 years and over								
Total:	391	18,168	27,434	5,352	2,732	162	1,785	1,639
Speak only English	385	17,532	26,153	5,285	2,207	159	1,712	1,585
Speak other languages and:								
Speak English "very well"	3	448	951	18	190	1	59	46
Speak English "well"	2	147	405	17	172	2	11	5
Speak English "not well"	1	114	126	32	122	0	7	5
Speak English "not at all"	0	12	48	0	41	0	0	0
% speak English less than "very well"	0.8%	1.5%	2.1%	0.9%	12.3%	1.2%	1.0%	0.6%
Limited English-Speaking Households - Universe: Households								
Total:	191	7,044	11,750	2,299	1,204	71	718	680
Limited English speaking households	1	39	69	28	120	0	2	3
% limited English speaking households	0.5%	0.6%	0.6%	1.2%	10.0%	0.0%	0.3%	0.4%
Year structure built - Universe: Housing units								
Total:	191	7,376	12,842	2,727	1,353	94	736	742
50 years old or more	112	260	5,344	937	275	30	77	267
% 50 years old or more	58.6%	3.5%	41.6%	34.4%	20.3%	31.9%	10.5%	36.0%
Built in 1939 or earlier	18	74	462	465	18	18	19	223
% built in 1939 or earlier	9.4%	1.0%	3.6%	17.1%	1.3%	19.1%	2.6%	30.1%

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Platte Woods	Raymore	Raytown	Richmond	Riverside	Tracy	Weatherby Lake	Weston
Median household income in the past 12 months (in 2013 inflation-adjusted dollars) - Universe: Households								
Median household income	67,917	72,042	48,528	38,338	39,573	63,750	104,583	57,391
Poverty status in the past 12 months - Universe: Population for whom poverty status is determined								
Total:	403	19,043	29,003	5,461	2,800	181	1,845	1,696
Persons with income below poverty level	21	646	3,375	1,139	631	14	54	135
% persons below the poverty level	5.2%	3.4%	11.6%	20.9%	22.5%	7.7%	2.9%	8.0%
Educational Attainment - Universe: Population 25 and over								
Total:	330	12,801	19,625	3,961	2,154	121	1,437	1,128
Less than 9th grade	4	107	458	172	135	8	10	41
9th to 12th grade, no diploma	3	418	1,457	424	152	5	31	53
HS graduate (includes equivalency)	44	3,684	6,366	1,888	684	51	219	338
Some college, no degree	108	3,558	5,212	807	538	38	341	332
Associate's degree	28	1,274	1,508	156	170	5	108	67
Bachelor's degree	78	2,576	3,092	368	338	9	407	207
Graduate or professional degree	65	1,184	1,532	146	137	5	321	90
% with no HS diploma	2.1%	4.1%	9.8%	15.0%	13.3%	10.7%	2.9%	8.3%
% with a HS diploma or higher	97.9%	95.9%	90.2%	85.0%	86.7%	89.3%	97.1%	91.7%
% with a bachelor's degree or higher	43.3%	29.4%	23.6%	13.0%	22.1%	11.6%	50.7%	26.3%
Health insurance status and type by employment status by age - Universe: Civilian noninstitutionalized population 18 years and over								
Total, 18 years and over:	350	13,909	21,757	4,121	2,211	130	1,520	1,236
In labor force:	211	9,723	14,711	2,567	1,672	106	1,037	852
In labor force: - Employed:	195	9,309	13,715	2,334	1,448	100	970	797
In labor force: - Unemployed:	16	414	996	233	224	6	67	55
Unemployment rate:	7.6%	4.3%	6.8%	9.1%	13.4%	5.7%	6.5%	6.5%
Not in labor force:	139	4,186	7,046	1,554	539	24	483	384

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Platte Woods	Raymore	Raytown	Richmond	Riverside	Tracy	Weatherby Lake	Weston
18 to 64 years:	254	11,392	17,364	3,258	1,852	105	1,073	967
With health insurance coverage	246	10,216	13,356	2,875	1,234	97	1,036	813
No health insurance coverage	8	1,176	4,008	383	618	8	37	154
% uninsured, 18 to 64 years	3.1%	10.3%	23.1%	11.8%	33.4%	7.6%	3.4%	15.9%
Employed:	174	9,020	13,169	2,182	1,325	95	845	741
With health insurance coverage	167	8,192	10,599	1,913	919	88	818	632
No health insurance coverage	7	828	2,570	269	406	7	27	109
% uninsured, employed	4.0%	9.2%	19.5%	12.3%	30.6%	7.4%	3.2%	14.7%
Unemployed:	13	414	970	215	216	4	48	53
With health insurance coverage	13	185	431	178	94	3	44	33
No health insurance coverage	0	229	539	37	122	1	4	20
% uninsured, unemployed	0.0%	55.3%	55.6%	17.2%	56.5%	25.0%	8.3%	37.7%
Not in labor force:	67	1,958	3,225	861	311	6	180	173
With health insurance coverage	66	1,839	2,326	784	221	6	174	148
No health insurance coverage	1	119	899	77	90	0	6	25
% uninsured, not in labor force	1.5%	6.1%	27.9%	8.9%	28.9%	0.0%	3.3%	14.5%

Health insurance by age - Universe: Civilian noninstitutionalized population

Total:	403	19,097	29,097	5,551	2,799	181	1,844	1,698
With health insurance coverage	395	17,588	24,052	5,115	2,065	173	1,807	1,514
Under 6 years	12	1,565	2,075	423	254	29	79	103
6 to 17 years	41	3,290	4,263	969	218	22	245	329
18 to 24 years	18	1,157	1,638	315	120	9	70	108
25 to 34 years	24	2,187	2,187	771	357	23	77	125
35 to 44 years	38	2,339	3,027	654	229	19	240	158
45 to 54 years	59	2,602	3,734	666	243	15	265	234
55 to 64 years	107	1,931	2,770	469	285	31	384	188
65 to 74 years	61	1,227	2,140	515	194	19	354	131
75 years and over	35	1,290	2,218	333	165	6	93	138
No health insurance coverage	8	1,509	5,045	436	734	8	37	184
Under 6 years	0	76	309	0	24	0	0	4
6 to 17 years	0	257	693	38	92	0	0	26
18 to 24 years	2	184	904	40	119	0	14	15
25 to 34 years	0	310	1,104	97	271	6	0	57

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Platte Woods	Raymore	Raytown	Richmond	Riverside	Tracy	Weatherby Lake	Weston
35 to 44 years	0	351	726	80	91	1	4	28
45 to 54 years	3	198	872	115	55	0	16	41
55 to 64 years	3	133	402	51	82	1	3	13
65 to 74 years	0	0	24	0	0	0	0	0
75 years and over	0	0	11	15	0	0	0	0
% total with no health insurance	2.0%	7.9%	17.3%	7.9%	26.2%	4.4%	2.0%	10.8%
% under 18 with no health insurance	0.0%	6.4%	13.7%	2.7%	19.7%	0.0%	0.0%	6.5%
% 18 to 64 with no health insurance	3.1%	10.3%	23.1%	11.8%	33.4%	7.6%	3.4%	15.9%
% 65 and over with no health insurance	0.0%	0.0%	0.8%	1.7%	0.0%	0.0%	0.0%	0.0%
Population by race and ethcnic origin - Universe: Total population								
Total:	403	19,330	29,513	5,746	2,981	181	1,845	1,713
Not Hispanic or Latino:	398	18,749	28,076	5,570	2,823	169	1,797	1,687
White alone	391	16,511	19,261	5,347	2,069	162	1,739	1,626
% White Alone	97.0%	85.4%	65.3%	93.1%	69.4%	89.5%	94.3%	94.9%
Black or African American alone	0	1,568	7,796	139	436	0	4	0
% Black or African American Alone	0.0%	8.1%	26.4%	2.4%	14.6%	0.0%	0.2%	0.0%
Other races alone	7	670	1,019	84	318	7	54	61
Hispanic or Latino:	5	581	1,437	176	158	12	48	26
% Hispanic or Latino	1.2%	3.0%	4.9%	3.1%	5.3%	6.6%	2.6%	1.5%

Veteran status for the civilian population 18 years and over

Total civilian population 18 years and over	350	14,142	22,167	4,316	2,386	130	1,520	1,236
Veteran	55	1,711	2,175	440	210	18	186	166
Nonveteran	295	12,431	19,992	3,876	2,176	112	1,334	1,070
% veterans	15.7%	12.1%	9.8%	10.2%	8.8%	13.8%	12.2%	13.4%

Housing units with no vehicle available - Universe: Occupied housing units

Total housing units:	191	7,044	11,750	2,299	1,204	71	718	680
Owner occupied:	172	5,791	8,076	1,365	351	56	673	418
% owner-occupied	90.1%	82.2%	68.7%	59.4%	29.2%	78.9%	93.7%	61.5%
Renter occupied:	19	1,253	3,674	934	853	15	45	262
% renter-occupied	9.9%	17.8%	31.3%	40.6%	70.8%	21.1%	6.3%	38.5%
Total housing units with no vehicles available:	8	109	815	348	142	0	0	45

Source: 2013 American Coummunity Survey, 5-year estimates

Counties and Cities	Platte Woods	Raymore	Raytown	Richmond	Riverside	Tracy	Weatherby Lake	Weston
% without vehicles:	4.2%	1.5%	6.9%	15.1%	11.8%	0.0%	0.0%	6.6%
Owner occupied with no vehicle available	7	13	297	77	0	0	0	15
% owner-occupied without vehicles:	4.1%	0.2%	3.7%	5.6%	0.0%	0.0%	0.0%	3.6%
Renter occupied with no vehicle available	1	96	518	271	142	0	0	30
% renter-occupied without vehicles:	5.3%	7.7%	14.1%	29.0%	16.6%	0.0%	0.0%	11.5%

Source: 2013 American Coummunity Survey, 5-year estimates

Appendix C:
Building Counts and Valuations Tables by Jurisdiction
(9 Pages)

CASS COUNTY

Cass County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	1,521	1,128	$74,663,030	$5,903,635	$269,062,755	$274,966,390	$349,629,420
Indust./Bus. Park	299	105	$7,133,210	$400,670	$47,328,300	$47,728,970	$54,862,180
Multi-Family	1,695	1,684	$18,221,350	$177,973,740	$885,120	$178,858,860	$197,080,210
Office	20	14	$1,175,100	$5,994,970	$4,457,970	$10,452,940	$11,628,040
Parks, Open Space	250	128	$10,109,390	$4,495,420	$6,688,200	$11,183,620	$21,293,010
Public/Semipublic	846	436	$132,910,520	$9,037,790	$11,724,730	$20,762,520	$153,673,040
ROW	323	34	$403,270	$837,210	$307,970	$1,145,180	$1,548,450
Single Family	34,283	25,545	$525,241,651	$2,873,895,407	$15,377,510	$2,889,272,917	$3,414,514,568
Single Family Low Density	6,777	3,413	$73,143,320	$430,455,724	$6,269,470	$436,725,194	$509,868,514
Vacant/Ag	12,450	5,035	$116,767,276	$423,847,059	$9,031,203	$432,878,262	$549,645,538
TOTAL	58,464	37,522	$959,768,117	$3,932,841,625	$371,133,228	$4,303,974,853	$5,263,742,970

Belton	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	409	285	$30,879,970	$2,070,448	$103,650,472	$105,720,920	$136,600,890
Indust./Bus. Park	143	35	$1,776,270	$56,150	$18,970,280	$19,026,430	$20,802,700
Multi-Family	442	386	$3,362,710	$48,194,150	$145,070	$48,339,220	$51,701,930
Parks, Open Space	57	13	$2,414,400	$191,390	$0	$191,390	$2,605,790
Public/Semipublic	199	82	$29,188,830	$133,180	$7,353,970	$7,487,150	$36,675,980
ROW	106	6	$174,010	$110,540	$22,390	$132,930	$306,940
Single Family	11,131	6,291	$92,046,510	$575,431,330	$5,303,470	$580,734,800	$672,781,310
Single Family Low Density	160	51	$1,907,610	$8,326,400	$3,005,120	$11,331,520	$13,239,130
Vacant/Ag	209	103	$1,732,090	$3,712,108	$0	$3,712,108	$5,444,198
TOTAL	12,856	7,252	$163,482,400	$638,225,696	$138,450,772	$776,676,468	$940,158,868

Harrisonville	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	308	247	$18,432,170	$1,123,329	$58,036,551	$59,159,880	$77,592,050
Indust./Bus. Park	66	30	$3,055,230	$81,750	$21,241,120	$21,322,870	$24,378,100
Multi-Family	310	260	$3,461,510	$25,129,140	$351,040	$25,480,180	$28,941,690
Office	13	10	$881,230	$2,283,400	$4,282,290	$6,565,690	$7,446,920
Parks, Open Space	41	11	$168,370	$0	$537,730	$537,730	$706,100
Public/Semipublic	128	75	$54,467,830	$112,040	$115,180	$227,220	$54,695,050
ROW	41	5	$55,210	$0	$188,070	$188,070	$243,280
Single Family	3,817	2,809	$49,449,080	$237,362,760	$1,421,480	$238,784,240	$288,233,320
Single Family Low Density	56	24	$675,330	$6,385,030	$455,340	$6,840,370	$7,515,700
Vacant/Ag	116	86	$2,331,910	$4,326,170	$1,544,110	$5,870,280	$8,202,190
TOTAL	4,896	3,557	$132,977,870	$276,803,619	$88,172,911	$364,976,530	$497,954,400

Lake Winnebago	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	1	2	$144,840	$0	$652,980	$652,980	$797,820
Parks, Open Space	1	3	$68,500	$0	$0	$0	$68,500
Public/Semipublic	4	6	$905,600	$0	$283,370	$283,370	$1,188,970
Single Family	491	508	$27,277,610	$118,693,130	$0	$118,693,130	$145,970,740
Single Family Low Density	4	2	$60,310	$221,100	$0	$221,100	$281,410
Vacant/Ag	17	14	$241,820	$40,020	$0	$40,020	$281,840
TOTAL	518	535	$28,698,680	$118,954,250	$936,350	$119,890,600	$148,589,280

Peculiar	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	92	66	$3,625,600	$134,240	$14,608,870	$14,743,110	$18,368,710
Indust./Bus. Park	9	4	$81,490	$0	$281,470	$281,470	$362,960
Multi-Family	54	58	$688,820	$4,054,110	$0	$4,054,110	$4,742,930
Parks, Open Space	9	3	$120,510	$0	$0	$0	$120,510
Public/Semipublic	40	21	$2,436,650	$0	$77,470	$77,470	$2,514,120
ROW	16	1	$10,630	$31,010	$0	$31,010	$41,640
Single Family	1,517	1,417	$30,230,370	$142,529,740	$2,288,590	$144,818,330	$175,048,700
Single Family Low Density	47	22	$591,290	$2,719,580	$0	$2,719,580	$3,310,870
Vacant/Ag	154	130	$3,215,350	$12,120,190	$0	$12,120,190	$15,335,540
TOTAL	1,938	1,722	$41,000,710	$161,588,870	$17,256,400	$178,845,270	$219,845,980

Pleasant Hill	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	160	156	$5,344,120	$450,870	$22,832,480	$23,283,350	$28,627,470
Multi-Family	159	165	$1,290,130	$14,195,340	$35,600	$14,230,940	$15,521,070
Parks, Open Space	18	16	$1,573,920	$219,680	$34,470	$254,150	$1,828,070
Public/Semipublic	97	58	$14,414,540	$1,536,980	$1,166,510	$2,703,490	$17,118,030
ROW	39	5	$21,360	$145,840	$17,680	$163,520	$184,880
Single Family	2,760	2,505	$48,028,190	$283,730,610	$136,370	$283,866,980	$331,895,170
Single Family Low Density	48	26	$681,690	$3,190,840	$0	$3,190,840	$3,872,530
Vacant/Ag	69	66	$890,980	$1,878,400	$44,690	$1,923,090	$2,814,070
TOTAL	3,350	2,997	$72,244,930	$305,348,560	$24,267,800	$329,616,360	$401,861,290

Raymore	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	216	98	$12,312,420	$107,870	$45,197,760	$45,305,630	$57,618,050
Indust./Bus. Park	38	21	$643,120	$199,550	$3,431,190	$3,630,740	$4,273,860
Multi-Family	505	482	$5,509,350	$58,752,390	$0	$58,752,390	$64,261,740
Office	7	4	$293,870	$3,711,570	$175,680	$3,887,250	$4,181,120
Parks, Open Space	52	25	$1,973,280	$2,323,890	$0	$2,323,890	$4,297,170
Public/Semipublic	76	35	$17,491,110	$6,765,630	$0	$6,765,630	$24,256,740
ROW	25	5	$59,850	$379,500	$0	$379,500	$439,350
Single Family	6,396	6,017	$157,052,960	$808,828,810	$4,024,320	$812,853,130	$969,906,090
Single Family Low Density	138	101	$3,081,170	$16,440,850	$1,799,910	$18,240,760	$21,321,930
Vacant/Ag	285	175	$3,375,560	$11,072,350	$494,520	$11,566,870	$14,942,430
TOTAL	7,738	6,963	$201,792,690	$908,582,410	$55,123,380	$963,705,790	$1,165,498,480

CLAY COUNTY

Clay County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	2,418	1,328	$410,441,740	$234,000	$1,335,402,800	$1,335,636,800	$1,746,078,540
Condo	38	365	$4,891,300	$28,112,300	$0	$28,112,300	$33,003,600
Indust./Bus. Park	1,214	728	$205,249,850	$0	$411,122,320	$411,122,320	$616,372,170
Multi-Family	2,965	2,711	$133,494,400	$689,779,100	$0	$689,779,100	$823,273,500
Office	614	614	$120,334,600	$0	$342,355,200	$342,355,200	$462,689,800
Parks, Open Space	1,031	934	$150,602,600	$49,327,800	$1,409,600	$50,737,400	$201,340,000
Public/Semipublic	1,498	693	$218,908,010	$182,000	$965,535,555	$965,717,555	$1,184,625,565
ROW	612	86	$8,561,000	$1,453,300	$898,700	$2,352,000	$10,913,000
RR ROW	156	103	$7,188,000	$0	$51,600	$51,600	$7,239,600
Single Family	85,264	65,648	$1,769,287,334	$7,825,793,000	$48,900	$7,825,841,900	$9,595,129,234
Single Family Low Density	3,548	1,714	$63,928,300	$285,140,300	$0	$285,140,300	$349,068,600
Vacant/Ag	8,281	4,444	$202,578,381	$297,328,304	$30,300	$297,358,604	$499,936,985
TOTAL	107,639	79,368	$3,295,465,515	$9,177,350,104	$3,056,854,975	$12,234,205,079	$15,529,670,594

Excelsior Springs (pt.)	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	147	137	$12,122,310	$0	$36,038,500	$36,038,500	$48,160,810
Indust./Bus. Park	84	39	$6,756,500	$0	$32,985,100	$32,985,100	$39,741,600
Multi-Family	71	41	$2,223,600	$13,362,400	$0	$13,362,400	$15,586,000
Office	42	35	$3,013,700	$0	$12,365,800	$12,365,800	$15,379,500
Parks, Open Space	12	8	$1,623,900	$0	$8,100	$8,100	$1,632,000
Public/Semipublic	129	67	$10,907,300	$0	$85,776,675	$85,776,675	$96,683,975
ROW	39	11	$364,900	$134,700	$92,800	$227,500	$592,400
RR ROW	4	6	$350,000	$0	$51,600	$51,600	$401,600
Single Family	3,252	3,175	$44,603,100	$271,612,200	$0	$271,612,200	$316,215,300
Single Family Low Density	82	44	$836,800	$6,300,600	$0	$6,300,600	$7,137,400
Vacant/Ag	171	111	$2,810,500	$4,294,500	$0	$4,294,500	$7,105,000
TOTAL	4,033	3,674	$85,612,610	$295,704,400	$167,318,575	$463,022,975	$548,635,585

Gladstone	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	165	138	$44,493,200	$85,600	$44,406,800	$44,492,400	$88,985,600
Condo	4	144	$1,440,000	$8,642,500	$0	$8,642,500	$10,082,500
Indust./Bus. Park	72	29	$8,170,800	$0	$7,872,100	$7,872,100	$16,042,900
Multi-Family	484	618	$25,200,600	$110,166,300	$0	$110,166,300	$135,366,900
Office	82	116	$18,849,300	$0	$32,196,600	$32,196,600	$51,045,900
Parks, Open Space	55	178	$13,903,300	$8,280,600	$402,000	$8,682,600	$22,585,900
Public/Semipublic	57	40	$17,874,600	$0	$39,108,600	$39,108,600	$56,983,200
ROW	7	7	$369,300	$82,100	$0	$82,100	$451,400
Single Family	8,573	8,232	$210,885,500	$881,539,100	$0	$881,539,100	$1,092,424,600
Single Family Low Density	21	13	$693,000	$3,269,600	$0	$3,269,600	$3,962,600
Vacant/Ag	32	60	$1,495,000	$2,380,200	$0	$2,380,200	$3,875,200
TOTAL	9,552	9,575	$343,374,600	$1,014,446,000	$123,986,100	$1,138,432,100	$1,481,806,700

Kearney	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	124	70	$10,935,100	$0	$22,565,700	$22,565,700	$33,500,800
Indust./Bus. Park	55	35	$4,717,100	$0	$11,432,700	$11,432,700	$16,149,800
Multi-Family	49	25	$1,521,800	$13,065,800	$0	$13,065,800	$14,587,600
Office	40	40	$5,021,800	$0	$23,405,800	$23,405,800	$28,427,600
Parks, Open Space	27	22	$5,469,700	$0	$0	$0	$5,469,700
Public/Semipublic	91	43	$13,145,300	$0	$80,810,800	$80,810,800	$93,956,100
ROW	8	2	$66,000	$0	$0	$0	$66,000
RR ROW	5	3	$92,200	$0	$0	$0	$92,200
Single Family	2,790	2,684	$75,052,000	$343,312,000	$0	$343,312,000	$418,364,000
Single Family Low Density	19	9	$268,600	$1,164,200	$0	$1,164,200	$1,432,800
Vacant/Ag	287	213	$7,982,400	$6,221,000	$0	$6,221,000	$14,203,400
TOTAL	3,495	3,146	$124,272,000	$363,763,000	$138,215,000	$501,978,000	$626,250,000

Liberty	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	328	195	$69,794,700	$0	$199,477,300	$199,477,300	$269,272,000
Indust./Bus. Park	106	72	$21,634,700	$0	$47,592,100	$47,592,100	$69,226,800
Multi-Family	258	210	$8,104,300	$51,767,700	$0	$51,767,700	$59,872,000
Office	145	152	$30,276,200	$0	$60,395,000	$60,395,000	$90,671,200
Parks, Open Space	166	131	$22,894,400	$9,959,600	$948,400	$10,908,000	$33,802,400
Public/Semipublic	238	106	$36,896,500	$0	$254,280,000	$254,280,000	$291,176,500
ROW	58	9	$476,500	$251,200	$614,000	$865,200	$1,341,700
RR ROW	33	14	$1,453,700	$0	$0	$0	$1,453,700
Single Family	10,322	8,650	$251,372,100	$1,095,846,500	$0	$1,095,846,500	$1,347,218,600
Single Family Low Density	235	78	$3,090,200	$12,102,000	$0	$12,102,000	$15,192,200
Vacant/Ag	506	276	$17,446,600	$11,159,300	$0	$11,159,300	$28,605,900
TOTAL	12,395	9,893	$463,439,900	$1,181,086,300	$563,306,800	$1,744,393,100	$2,207,833,000

Mosby	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	18	9	$971,700	$0	$1,108,000	$1,108,000	$2,079,700
Public/Semipublic	4	5	$134,400	$0	$276,500	$276,500	$410,900
ROW	3	1	$120,900	$0	$0	$0	$120,900
Single Family	100	77	$482,300	$2,468,100	$0	$2,468,100	$2,950,400
Vacant/Ag	29	17	$384,900	$726,600	$0	$726,600	$1,111,500
TOTAL	154	109	$2,094,200	$3,194,700	$1,384,500	$4,579,200	$6,673,400

North Kansas City	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	128	140	$29,860,900	$47,700	$605,837,400	$605,885,100	$635,746,000
Indust./Bus. Park	330	317	$101,574,900	$0	$154,462,100	$154,462,100	$256,037,000
Multi-Family	186	82	$8,157,700	$40,801,600	$0	$40,801,600	$48,959,300
Office	67	76	$14,476,100	$0	$45,404,300	$45,404,300	$59,880,400
Parks, Open Space	8	14	$2,110,500	$1,125,400	$0	$1,125,400	$3,235,900
Public/Semipublic	43	30	$13,858,400	$0	$35,039,900	$35,039,900	$48,898,300
ROW	23	15	$1,296,900	$682,600	$97,300	$779,900	$2,076,800
RR ROW	29	33	$1,707,800	$0	$0	$0	$1,707,800
Single Family	1,225	974	$31,873,300	$69,760,200	$48,900	$69,809,100	$101,682,400
Vacant/Ag	14	15	$2,274,400	$29,900	$0	$29,900	$2,304,300
TOTAL	2,053	1,696	$207,190,900	$112,447,400	$840,889,900	$953,337,300	$1,160,528,200

Smithville (pt.)	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	142	84	$10,588,200	$0	$23,951,700	$23,951,700	$34,539,900
Indust./Bus. Park	37	22	$2,268,000	$0	$7,266,600	$7,266,600	$9,534,600
Multi-Family	59	130	$2,609,100	$13,268,500	$0	$13,268,500	$15,877,600
Office	29	30	$2,168,000	$0	$9,438,800	$9,438,800	$11,606,800
Parks, Open Space	33	56	$2,587,600	$3,315,700	$0	$3,315,700	$5,903,300
Public/Semipublic	69	21	$7,955,700	$0	$39,918,800	$39,918,800	$47,874,500
ROW	8	1	$14,300	$0	$72,400	$72,400	$86,700
Single Family	2,848	2,668	$66,996,800	$341,970,100	$0	$341,970,100	$408,966,900
Single Family Low Density	137	72	$2,610,100	$12,489,000	$0	$12,489,000	$15,099,100
Vacant/Ag	320	207	$6,818,200	$13,641,000	$0	$13,641,000	$20,459,200
TOTAL	3,682	3,291	$104,616,000	$384,684,300	$80,648,300	$465,332,600	$569,948,600

JACKSON COUNTY

Jackson County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	8,162	6,185	$1,064,533,592	$15,744,044	$1,853,856,506	$1,869,600,550	$2,934,134,142
Condo	557	5,729	$71,712,193	$694,664,910	$8,605,114	$703,270,024	$774,982,217
Indust./Bus. Park	6,450	3,111	$394,861,291	$3,356,634	$1,384,350,351	$1,387,706,985	$1,782,568,276
Mixed Use	7	4	$10,118,312	$135,589	$17,288,368	$17,423,957	$27,542,269
Multi-Family	17,056	15,153	$2,795,975,378	$19,414,047,379	$1,109,430	$19,415,156,809	$22,211,132,187
Office	2,366	2,868	$632,766,611	$72,387,259	$2,725,104,295	$2,797,491,554	$3,430,258,165
Parks, Open Space	1,991	4,142	$2,221,743,572	$13,519,460,514	$173,632,717	$13,693,093,231	$15,914,836,803
Public/Semipublic	3,814	1,996	$521,963,254	$11,446,212	$2,694,228,342	$2,705,674,554	$3,227,637,808
ROW	2,960	1,584	$95,953,770	$60,097,209	$80,980,886	$141,078,095	$237,031,865
RR ROW	77	46	$3,986,948	$0	$1,354,744	$1,354,744	$5,341,692
Single Family	270,597	206,949	$4,170,844,323	$18,932,807,481	$1,216,490	$18,934,023,971	$23,104,868,294
Single Family Low Density	7,394	3,180	$106,456,499	$936,413	$0	$936,413	$107,392,912
Vacant/Ag	14,516	17,061	$345,477,770	$1,299,625,597	$29,768,586	$1,329,394,183	$1,674,871,953
TOTAL	335,947	268,008	$12,436,393,513	$54,024,709,241	$8,971,495,829	$62,996,205,070	$75,432,598,583

Blue Springs	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	433	375	$96,495,545	$320,056	$152,417,268	$152,737,324	$249,232,869
Condo	67	321	$2,674,027	$18,437,060	$0	$18,437,060	$21,111,087
Indust./Bus. Park	238	171	$17,969,510	$0	$40,551,419	$40,551,419	$58,520,929
Multi-Family	1,351	1,570	$288,365,005	$614,728,340	$0	$614,728,340	$903,093,345
Office	137	159	$12,762,956	$0	$48,250,800	$48,250,800	$61,013,756
Parks, Open Space	137	245	$234,600,411	$281,811,355	$0	$281,811,355	$516,411,766
Public/Semipublic	180	93	$36,290,573	$0	$235,944,626	$235,944,626	$272,235,199
ROW	54	29	$2,288,963	$436,782	$0	$436,782	$2,725,745
Single Family	17,830	15,665	$349,739,254	$1,916,549,368	$568	$1,916,549,936	$2,266,289,190
Single Family Low Density	66	23	$1,350,828	$0	$0	$0	$1,350,828
Vacant/Ag	560	859	$22,891,407	$46,276,142	$334,037	$46,610,179	$69,501,586
TOTAL	21,053	19,510	$1,065,428,479	$2,878,559,103	$477,498,718	$3,356,057,821	$4,421,486,300

Grandview	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	272	209	$26,194,868	$0	$47,175,703	$47,175,703	$73,370,571
Indust./Bus. Park	314	209	$20,344,093	$0	$91,810,032	$91,810,032	$112,154,125
Multi-Family	628	415	$12,121,835	$70,824,336	$0	$70,824,336	$82,946,171
Office	71	58	$4,078,100	$0	$9,404,349	$9,404,349	$13,482,449
Parks, Open Space	36	18	$5,511,180	$0	$0	$0	$5,511,180
Public/Semipublic	95	50	$8,055,405	$0	$49,223,385	$49,223,385	$57,278,790
ROW	25	15	$246,616	$205,865	$0	$205,865	$452,481
RR ROW	2	2	$20,807	$0	$13,529	$13,529	$34,336
Single Family	7,250	7,179	$104,427,239	$520,115,641	$0	$520,115,641	$624,542,880
Single Family Low Density	76	30	$1,251,063	$0	$0	$0	$1,251,063
Vacant/Ag	280	326	$3,746,237	$10,866,705	$0	$10,866,705	$14,612,942
TOTAL	9,049	8,511	$185,997,443	$602,012,547	$197,626,998	$799,639,545	$985,636,988

Independence (pt.)	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	1,556	1,144	$223,729,787	$730,033	$409,734,140	$410,464,173	$634,193,960
Condo	56	473	$3,080,537	$32,529,538	$0	$32,529,538	$35,610,075
Indust./Bus. Park	979	242	$31,842,268	$3,008,989	$103,397,469	$106,406,458	$138,248,726
Mixed Use	3	1	$436,385	$135,589	$0	$135,589	$571,974
Multi-Family	3,243	2,527	$341,039,664	$2,156,118,695	$13,978	$2,156,132,673	$2,497,172,337
Office	373	352	$42,293,338	$4,363,952	$139,821,219	$144,185,171	$186,478,509
Parks, Open Space	187	174	$115,024,121	$605,475,815	$0	$605,475,815	$720,499,936
Public/Semipublic	568	290	$65,447,843	$436,158	$444,397,930	$444,834,088	$510,281,931
ROW	473	75	$1,198,102	$1,209,482	$947,229	$2,156,711	$3,354,813
Single Family	58,050	38,078	$611,223,049	$2,998,227,925	$180,749	$2,998,408,674	$3,609,631,723
Single Family Low Density	778	280	$10,041,539	$0	$0	$0	$10,041,539
Vacant/Ag	1,734	1,963	$26,445,552	$83,266,041	$385,258	$83,651,299	$110,096,851
TOTAL	68,000	45,599	$1,471,802,185	$5,885,502,217	$1,098,877,972	$6,984,380,189	$8,456,182,374

Lee's Summit (pt.)	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	500	453	$138,996,868	$491,135	$266,034,680	$266,525,815	$405,522,683
Condo	228	977	$10,626,510	$77,925,406	$0	$77,925,406	$88,551,916
Indust./Bus. Park	428	302	$37,087,440	$0	$141,487,411	$141,487,411	$178,574,851
Multi-Family	1,542	1,165	$95,578,713	$598,113,188	$0	$598,113,188	$693,691,901
Office	276	284	$56,193,389	$0	$189,477,543	$189,477,543	$245,670,932
Parks, Open Space	117	258	$74,711,483	$245,689,252	$234,049	$245,923,301	$320,634,784
Public/Semipublic	265	137	$98,154,374	$0	$387,886,176	$387,886,176	$486,040,550
ROW	26	34	$543,916	$1,172,401	$283,290	$1,455,691	$1,999,607
RR ROW	2	2	$301,595	$0	$0	$0	$301,595
Single Family	26,660	27,081	$803,084,143	$4,247,189,084	$0	$4,247,189,084	$5,050,273,227
Single Family Low Density	423	217	$6,758,655	$936,413	$0	$936,413	$7,695,068
Vacant/Ag	796	1,180	$27,296,537	$83,428,380	$920,894	$84,349,274	$111,645,811

TOTAL	31,263	32,090	$1,349,333,623	$5,254,945,259	$986,324,043	$6,241,269,302	$7,590,602,925

Oak Grove (pt.)	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	110	95	$9,260,630	$0	$24,087,010	$24,087,010	$33,347,640
Indust./Bus. Park	78	48	$2,152,174	$0	$7,588,529	$7,588,529	$9,740,703
Multi-Family	290	243	$5,162,852	$28,755,180	$0	$28,755,180	$33,918,032
Office	16	16	$692,921	$0	$2,176,391	$2,176,391	$2,869,312
Parks, Open Space	14	9	$847,109	$0	$0	$0	$847,109
Public/Semipublic	41	21	$2,560,976	$0	$27,368,304	$27,368,304	$29,929,280
ROW	21	6	$70,876	$66,340	$101,216	$167,556	$238,432
Single Family	2,084	1,992	$37,194,417	$168,628,972	$0	$168,628,972	$205,823,389
Single Family Low Density	79	36	$1,263,702	$0	$0	$0	$1,263,702
Vacant/Ag	70	69	$1,719,132	$5,507,179	$0	$5,507,179	$7,226,311
TOTAL	2,803	2,535	$60,924,789	$202,957,671	$61,321,450	$264,279,121	$325,203,910

Raytown	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	309	264	$28,505,089	$0	$50,994,418	$50,994,418	$79,499,507
Condo	1	30	$55,004	$1,547,973	$0	$1,547,973	$1,602,977
Indust./Bus. Park	114	79	$6,797,593	$0	$17,087,704	$17,087,704	$23,885,297
Multi-Family	505	424	$12,514,419	$65,995,483	$0	$65,995,483	$78,509,902
Office	113	114	$9,043,747	$0	$36,388,274	$36,388,274	$45,432,021
Parks, Open Space	25	21	$3,247,061	$0	$144,553	$144,553	$3,391,614
Public/Semipublic	95	61	$15,229,360	$0	$77,824,495	$77,824,495	$93,053,855
ROW	10	16	$710,268	$0	$0	$0	$710,268
Single Family	11,719	10,753	$176,960,460	$757,050,710	$0	$757,050,710	$934,011,170
Single Family Low Density	9	5	$191,712	$0	$0	$0	$191,712
Vacant/Ag	96	166	$2,564,822	$5,301,796	$276,532	$5,578,328	$8,143,150
TOTAL	12,996	11,933	$255,819,535	$829,895,962	$182,715,976	$1,012,611,938	$1,268,431,473

PLATTE COUNTY

Platte County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	714	596	$218,990,144	$209,590	$599,961,586	$600,171,176	$819,161,320
Indust./Bus. Park	575	300	$47,901,190	$31,400	$298,797,290	$298,828,690	$346,729,880
Multi-Family	1,379	994	$57,536,695	$455,837,064	$0	$455,837,064	$513,373,759
Office	237	147	$42,274,077	$0	$277,492,272	$277,492,272	$319,766,349
Parks, Open Space	363	420	$32,220,451	$14,883,637	$295,930	$15,179,567	$47,400,018
Public/Semipublic	877	336	$129,564,700	$0	$714,317,378	$714,317,378	$843,882,078
ROW	319	56	$876,950	$1,441,097	$254,775	$1,695,872	$2,572,822
Single Family	29,739	25,399	$797,098,606	$3,928,964,947	$160,500	$3,929,125,447	$4,726,224,053
Single Family Low Density	1,776	872	$23,225,694	$149,331,178	$0	$149,331,178	$172,556,872
Vacant/Ag	6,703	3,462	$135,737,177	$261,774,696	$0	$261,774,696	$397,511,873
TOTAL	42,682	32,582	$1,485,425,684	$4,812,473,609	$1,891,279,731	$6,703,753,340	$8,189,179,024

Edgerton	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	18	21	$85,300	$0	$704,190	$704,190	$789,490
Indust./Bus. Park	2	2	$10,225	$0	$111,575	$111,575	$121,800
Office	2	1	$3,100	$0	$24,700	$24,700	$27,800
Parks, Open Space	4	4	$88,200	$0	$0	$0	$88,200
Public/Semipublic	9	7	$95,900	$0	$4,710,500	$4,710,500	$4,806,400
ROW	22	1	$1,000	$0	$9,000	$9,000	$10,000
Single Family	255	212	$2,311,500	$16,661,966	$0	$16,661,966	$18,973,466
Single Family Low Density	2	1	$23,132	$134,773	$0	$134,773	$157,905
Vacant/Ag	20	15	$333,512	$717,443	$0	$717,443	$1,050,955
TOTAL	334	264	$2,951,869	$17,514,182	$5,559,965	$23,074,147	$26,026,016

Farley	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	6	6	$73,100	$0	$405,153	$405,153	$478,253
Indust./Bus. Park	1	1	$5,700	$0	$7,000	$7,000	$12,700
Public/Semipublic	5	1	$8,400	$0	$11,600	$11,600	$20,000
ROW	6	4	$46,750	$0	$840,396	$840,396	$887,146
Single Family	119	96	$1,073,338	$6,423,567	$0	$6,423,567	$7,496,905
Single Family Low Density	9	6	$132,983	$919,254	$0	$919,254	$1,052,237
Vacant/Ag	41	30	$333,279	$1,591,220	$0	$1,591,220	$1,924,499
TOTAL	187	144	$1,673,550	$8,934,041	$1,264,149	$10,198,190	$11,871,740

Ferrelview	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	6	3	$118,440	$0	$290,364	$290,364	$408,804
Indust./Bus. Park	2	1	$8,874	$0	$3,366	$3,366	$12,240
Multi-Family	4	1	$30,000	$770,000	$0	$770,000	$800,000
Parks, Open Space	4	1	$30,000	$0	$0	$0	$30,000
Public/Semipublic	6	3	$368,800	$0	$1,810,184	$1,810,184	$2,178,984
Single Family	264	61	$1,257,786	$4,344,238	$0	$4,344,238	$5,602,024
Vacant/Ag	5	1	$15,000	$0	$0	$0	$15,000
TOTAL	291	71	$1,828,900	$5,114,238	$2,103,914	$7,218,152	$9,047,052

Houston Lake	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Public/Semipublic	1	1	$18,000	$0	$0	$0	$18,000
ROW	3	1	$14,000	$59,000	$0	$59,000	$73,000
Single Family	187	132	$2,499,050	$11,110,271	$0	$11,110,271	$13,609,321
Vacant/Ag	11	10	$133,500	$80,600	$0	$80,600	$214,100
TOTAL	202	144	$2,664,550	$11,249,871	$0	$11,249,871	$13,914,421

Lake Waukomis	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Parks, Open Space	5	3	$85,500	$0	$0	$0	$85,500
ROW	4	6	$182,500	$518,703	$0	$518,703	$701,203
Single Family	448	441	$15,816,500	$44,383,114	$0	$44,383,114	$60,199,614
Vacant/Ag	4	10	$345,900	$29,600	$0	$29,600	$375,500
TOTAL	461	460	$16,430,400	$44,931,417	$0	$44,931,417	$61,361,817

Northmoor	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	10	5	$601,798	$0	$1,071,176	$1,071,176	$1,672,974
Indust./Bus. Park	31	13	$925,860	$0	$4,953,140	$4,953,140	$5,879,000
Office	1	1	$23,500	$0	$226,500	$226,500	$250,000
Public/Semipublic	7	5	$426,300	$0	$939,500	$939,500	$1,365,800
Single Family	143	118	$1,167,670	$10,981,032	$0	$10,981,032	$12,148,702
Single Family Low Density	3	1	$20,000	$233,306	$0	$233,306	$253,306
Vacant/Ag	29	8	$170,772	$153,900	$0	$153,900	$324,672
TOTAL	224	151	$3,335,900	$11,368,238	$7,190,316	$18,558,554	$21,894,454

Parkville	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	75	76	$10,360,867	$0	$26,978,736	$26,978,736	$37,339,603
Indust./Bus. Park	51	42	$2,862,133	$0	$12,622,477	$12,622,477	$15,484,610
Multi-Family	88	90	$2,834,130	$11,182,782	$0	$11,182,782	$14,016,912
Office	19	16	$1,345,450	$0	$4,560,634	$4,560,634	$5,906,084

Parks, Open Space	34	17	$2,131,852	$0	$0	$0	$2,131,852
Public/Semipublic	54	36	$6,627,260	$0	$125,145,936	$125,145,936	$131,773,196
ROW	15	4	$3,400	$0	$0	$0	$3,400
Single Family	1,689	1,667	$109,673,350	$492,986,979	$54,800	$493,041,779	$602,715,129
Single Family Low Density	22	11	$328,377	$1,959,758	$0	$1,959,758	$2,288,135
Vacant/Ag	152	191	$14,146,674	$1,906,739	$0	$1,906,739	$16,053,413
TOTAL	2,199	2,150	$150,313,493	$508,036,258	$169,362,583	$677,398,841	$827,712,334

Platte City	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	111	109	$21,324,502	$0	$41,713,589	$41,713,589	$63,038,091
Indust./Bus. Park	9	3	$374,100	$0	$659,350	$659,350	$1,033,450
Multi-Family	117	68	$3,171,450	$25,581,578	$0	$25,581,578	$28,753,028
Office	27	30	$4,404,728	$0	$13,494,109	$13,494,109	$17,898,837
Parks, Open Space	10	25	$768,739	$1,113,958	$295,930	$1,409,888	$2,178,627
Public/Semipublic	50	36	$8,872,405	$0	$116,385,083	$116,385,083	$125,257,488
ROW	13	2	$22,250	$0	$49,475	$49,475	$71,725
Single Family	1,220	1,226	$27,337,234	$152,487,540	$54,700	$152,542,240	$179,879,474
Vacant/Ag	16	10	$440,845	$930,723	$0	$930,723	$1,371,568
TOTAL	1,573	1,509	$66,716,253	$180,113,799	$172,652,236	$352,766,035	$419,482,288

Platte Woods	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	9	8	$627,185	$0	$1,295,065	$1,295,065	$1,922,250
Office	3	3	$169,900	$0	$969,100	$969,100	$1,139,000
Public/Semipublic	15	7	$963,800	$0	$6,623,182	$6,623,182	$7,586,982
Single Family	258	173	$6,011,000	$28,134,004	$0	$28,134,004	$34,145,004
Single Family Low Density	2	1	$49,000	$287,543	$0	$287,543	$336,543
Vacant/Ag	3	2	$33,500	$0	$0	$0	$33,500
TOTAL	290	194	$7,854,385	$28,421,547	$8,887,347	$37,308,894	$45,163,279

Riverside	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	42	38	$6,560,017	$0	$113,785,609	$113,785,609	$120,345,626
Indust./Bus. Park	89	73	$13,203,888	$0	$61,629,544	$61,629,544	$74,833,432
Multi-Family	91	28	$2,994,650	$19,409,892	$0	$19,409,892	$22,404,542
Office	14	11	$509,200	$0	$1,676,300	$1,676,300	$2,185,500
Parks, Open Space	6	4	$255,190	$0	$0	$0	$255,190
Public/Semipublic	22	26	$4,314,259	$0	$47,384,400	$47,384,400	$51,698,659
Single Family	519	481	$9,247,166	$51,975,591	$0	$51,975,591	$61,222,757
Single Family Low Density	9	7	$770,500	$1,746,069	$0	$1,746,069	$2,516,569
Vacant/Ag	52	73	$6,481,079	$1,764,525	$0	$1,764,525	$8,245,604
TOTAL	844	741	$44,335,949	$74,896,077	$224,475,853	$299,371,930	$343,707,879

Tracy	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	4	6	$191,808	$0	$690,300	$690,300	$882,108
Indust./Bus. Park	1	1	$5,000	$0	$123,907	$123,907	$128,907
Office	1	1	$5,000	$0	$62,954	$62,954	$67,954
Parks, Open Space	1	1	$2,000	$0	$0	$0	$2,000
Public/Semipublic	23	5	$177,200	$0	$1,560,626	$1,560,626	$1,737,826
ROW	7	1	$5,000	$80,541	$0	$80,541	$85,541
Single Family	88	76	$974,700	$6,077,056	$0	$6,077,056	$7,051,756
Single Family Low Density	4	1	$32,218	$449,339	$0	$449,339	$481,557
Vacant/Ag	2	7	$53,284	$119,045	$0	$119,045	$172,329
TOTAL	131	99	$1,446,210	$6,725,981	$2,437,787	$9,163,768	$10,609,978

Weatherby Lake	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	3	2	$194,400	$0	$785,410	$785,410	$979,810
Public/Semipublic	1	1	$40,000	$0	$0	$0	$40,000
ROW	1	1	$10,100	$0	$2,125,000	$2,125,000	$2,135,100
Single Family	760	738	$38,124,000	$139,606,198	$0	$139,606,198	$177,730,198
Single Family Low Density	3	2	$120,723	$240,407	$0	$240,407	$361,130
Vacant/Ag	6	20	$585,050	$0	$0	$0	$585,050
TOTAL	774	764	$39,074,273	$139,846,605	$2,910,410	$142,757,015	$181,831,288

Weston	**Building Count**	**Parcel Count**	**Land Value**	**Residential Structures**	**Commercial Structures**	**Building Value**	**Property Value**
Commercial	34	58	$1,004,740	$204,590	$3,547,152	$3,751,742	$4,756,482
Indust./Bus. Park	7	9	$176,017	$31,400	$894,036	$925,436	$1,101,453
Multi-Family	17	6	$212,720	$1,973,202	$0	$1,973,202	$2,185,922
Office	6	9	$257,600	$0	$1,174,940	$1,174,940	$1,432,540
Parks, Open Space	15	8	$461,442	$0	$0	$0	$461,442
Public/Semipublic	27	16	$1,470,450	$0	$9,943,281	$9,943,281	$11,413,731
ROW	15	4	$18,200	$0	$196,300	$196,300	$214,500
Single Family	646	600	$8,561,200	$63,797,000	$51,000	$63,848,000	$72,409,200
Single Family Low Density	12	7	$115,792	$816,407	$0	$816,407	$932,199
Vacant/Ag	19	25	$341,807	$346,011	$0	$346,011	$687,818
TOTAL	798	742	$12,619,968	$67,168,610	$15,806,709	$82,975,319	$95,595,287

KANSAS CITY, MISSOURI

Kansas City MO ALL	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	5,921	3,996	$924,044,298	$14,261,820	$1,688,236,488	$1,702,498,308	$2,626,542,606
Condo	237	4,149	$58,727,415	$583,694,733	$8,605,114	$592,299,847	$651,027,262
Indust./Bus. Park	4,430	2,034	$341,212,541	$347,645	$1,213,857,842	$1,214,205,487	$1,555,418,028
Mixed Use	3	3	$9,681,927	$0	$17,288,368	$17,288,368	$26,970,295
Multi-Family	11,097	10,315	$2,149,507,847	$16,621,490,729	$1,095,452	$16,622,586,181	$18,772,094,028
Office	1,669	2,054	$580,419,999	$68,023,307	$2,693,390,943	$2,761,414,250	$3,341,834,249
Parks, Open Space	1,935	4,155	$1,814,366,306	$12,426,666,371	$173,305,215	$12,599,971,586	$14,414,337,892
Public/Semipublic	3,613	1,635	$492,613,330	$11,192,054	$2,086,743,239	$2,097,935,293	$2,590,548,623
ROW	2,886	1,447	$96,177,041	$57,663,099	$79,521,875	$137,184,974	$233,362,015
RR ROW	149	70	$5,899,017	$0	$1,341,215	$1,341,215	$7,240,232
Single Family	194,528	139,151	$2,978,445,533	$12,792,854,940	$1,032,602	$12,793,887,542	$15,772,333,075
Single Family Low Density	2,225	651	$21,817,598	$42,026,621	$0	$42,026,621	$63,844,219
Vacant/Ag	9,900	12,468	$325,360,320	$852,834,896	$27,805,940	$880,640,836	$1,206,001,156
TOTAL	238,593	182,128	$9,798,273,172	$43,471,056,215	$7,992,224,293	$51,463,280,508	$61,261,553,680

KC Cass County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Public/Semipublic	42	7	$2,078,490	$0	$0	$0	$2,078,490
Vacant/Ag	9	1	$347,490	$0	$0	$0	$347,490
TOTAL	51	8	$2,425,980	$0	$0	$0	$2,425,980

KC Clay County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	1,024	396	$213,857,710	$59,000	$376,577,000	$376,636,000	$590,493,710
Condo	34	221	$3,451,300	$19,469,800	$0	$19,469,800	$22,921,100
Indust./Bus. Park	400	131	$51,222,700	$0	$108,978,100	$108,978,100	$160,200,800
Multi-Family	1,792	1,538	$83,968,200	$436,252,700	$0	$436,252,700	$520,220,900
Office	171	131	$43,335,200	$0	$150,409,400	$150,409,400	$193,744,600
Parks, Open Space	427	463	$36,003,200	$26,412,600	$51,100	$26,463,700	$62,466,900
Public/Semipublic	725	295	$106,312,200	$182,000	$393,235,280	$393,417,280	$499,729,480
ROW	270	28	$5,069,000	$223,800	$0	$223,800	$5,292,800
RR ROW	46	24	$1,879,600	$0	$0	$0	$1,879,600
Single Family	48,903	34,045	$944,895,434	$4,139,078,000	$0	$4,139,078,000	$5,083,973,434
Single Family Low Density	587	173	$5,377,900	$27,917,600	$0	$27,917,600	$33,295,500
Vacant/Ag	2,338	1,616	$89,208,880	$25,727,203	$30,300	$25,757,503	$114,966,383
TOTAL	56,717	39,061	$1,584,581,324	$4,675,322,703	$1,029,281,180	$5,704,603,883	$7,289,185,207

KC Jackson County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	4,547	3,367	$532,224,941	$14,202,820	$905,888,147	$920,090,967	$1,452,315,908
Condo	206	3,928	$55,276,115	$564,224,933	$8,605,114	$572,830,047	$628,106,162
Indust./Bus. Park	3,748	1,785	$258,782,060	$347,645	$889,429,205	$889,776,850	$1,148,558,910
Mixed Use	4	3	$9,681,927	$0	$17,288,368	$17,288,368	$26,970,295
Multi-Family	8,335	8,182	$2,021,953,752	$15,808,756,856	$1,095,452	$15,809,852,308	$17,831,806,060
Office	1,332	1,849	$501,570,105	$68,023,307	$2,287,953,349	$2,355,976,656	$2,857,546,761
Parks, Open Space	1,246	3,358	$1,753,778,447	$12,386,484,092	$173,254,115	$12,559,738,207	$14,313,516,654
Public/Semipublic	2,357	1,215	$281,281,981	$11,010,054	$1,345,730,123	$1,356,740,177	$1,638,022,158
ROW	2,243	1,386	$90,610,800	$56,726,370	$79,521,875	$136,248,245	$226,859,045
RR ROW	73	43	$4,015,297	$0	$1,341,215	$1,341,215	$5,356,512
Single Family	130,859	92,992	$1,675,216,031	$6,873,237,813	$1,032,602	$6,874,270,415	$8,549,486,446
Single Family Low Density	1,327	373	$13,429,216	$0	$0	$0	$13,429,216
Vacant/Ag	5,922	9,951	$192,060,937	$794,504,103	$27,775,640	$822,279,743	$1,014,340,680
TOTAL	162,199	128,432	$7,389,881,609	$36,577,517,993	$5,738,915,205	$42,316,433,198	$49,706,314,807

KC Platte County	Building Count	Parcel Count	Land Value	Residential Structures	Commercial Structures	Building Value	Property Value
Commercial	346	225	$176,746,619	$0	$404,580,977	$404,580,977	$581,327,596
Indust./Bus. Park	273	109	$28,426,041	$0	$208,129,582	$208,129,582	$236,555,623
Multi-Family	964	594	$43,470,895	$373,686,173	$0	$373,686,173	$417,157,068
Office	160	72	$35,510,999	$0	$254,975,635	$254,975,635	$290,486,634
Parks, Open Space	260	336	$24,746,860	$13,769,679	$0	$13,769,679	$38,516,539
Public/Semipublic	496	119	$101,454,354	$0	$338,114,051	$338,114,051	$439,568,405
ROW	180	30	$578,600	$386,902	$0	$386,902	$965,502
Single Family	14,858	12,077	$356,768,518	$1,775,489,784	$0	$1,775,489,784	$2,132,258,302
Single Family Low Density	310	105	$3,010,482	$14,109,021	$0	$14,109,021	$17,119,503
Vacant/Ag	1,651	883	$42,902,801	$31,329,537	$0	$31,329,537	$74,232,338
TOTAL	19,498	14,550	$813,616,169	$2,208,771,096	$1,205,800,245	$3,414,571,341	$4,228,187,510

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