

Regular Board of Education Meeting

January 27, 2025 5:00 PM

Robert J. Smallridge School Administration Building

I. Call to Order

II. Pledge of Allegiance and Presentation of Colors

III. School Program by Oak Ridge High School

IV. Approval of Agenda

V. Special Reports/Presentations

A. Good News

B. Recognition of Teachers of the Year, Teacher Assistants of the Year, and Principal of the Year

C. School Board Appreciation Week

VI. Public Forum

VII. Consent Agenda

A. Board Minutes 1-14-25

B. ORHS HOSA Field Trip to Chattanooga, TN

C. ORHS FCCLA Field Trip to Chattanooga, TN

D. ORHS TSA Field Trip to Chattanooga, TN

E. ORHS Interact Club Field Trip to Pigeon Forge, TN

F. ORHS Secret City Wildbots Field Trip to Sevierville, TN

G. ORHS Secret City Wildbots Field Trip to Huntsville, AL

H. ORHS Secret City Wildbots Field Trip to Houston, TX

VIII. Items for Action

A. Resolution to Adopt the Anderson County Hazard Mitigation Plan

B. Board Policy 5.118 Background Investigations - First and Second Reading

C. Exception to Board Policy 5.1101 for Four Staff Members

D. Reclassification of a 1.0 FTE Software Developer

E. FY25 Tenure Status for Eligible Staff Members

F. FY26 Preschool Voluntary Pre-K Grant

G. FY26 New High School Courses Request

H. Purchase of Staff Laptops

IX. Items for Information

A. Legislative Update

B. Financial Report

X. Items for Discussion

XI. Old Business

XII. New Business

XIII. Communications

XIV. Adjournment



Willow Brook

The Willow Brook RoBeartics team participated in the Regional Competition in December at Jefferson Middle School. We are thrilled to announce that they have qualified for the state competition in February in Cookeville. Congratulations to our nine students and their coaches, Ms. Chenot, Dr. Collins, and Ms. Harris!

A huge thank you to our PTO and various staff members for their dedication throughout December in creating an outstanding end-of-semester experience for our students. Their efforts in organizing events, such as the Kid of Promise assembly, a glow party, and special visits from the Willow Brook Elf and Santa, ensured that our Willow Brook students had an amazing end to the first half of the school year!

Willow Brook had an amazing turnout for our Kindergarten Reading Night, with more than 100 parents and family members in attendance. It was a wonderful opportunity for teachers to share effective strategies for working with their children at home. Students showcased their skills by walking down the red carpet while working together announcing their letter sounds. Thank you to Ms. Meidl, our Reading Specialists, and our Kindergarten teachers for organizing this fantastic event.

Robertsville

Following our Good News submission last month, the Knoxville Museum of Art hosted The East Tennessee Regional Students Art Exhibit for grades 6-12. This exhibit was on display from November 29 to January 12 at the Knoxville Museum of Art. Staff members from the University of Tennessee were particularly impressed by an 8th-grade sculpture created by Ursula Weatherford. As a result, Ursula has received an invitation to join U.T.'s High School Art Academy next fall, with all fees waived. Congratulations, we are very proud of Ursula and our art program taught by Mr. Sean Seyfert.

Jefferson

All three winter athletic teams at Jefferson—girls' basketball, boys' basketball, and cheerleading—completed Term 2 with all members earning passing grades. As a result, each student-athlete began Term 3 academically eligible to participate in athletic contests in accordance with ORS policy.

Good News



Jan. 27, 2025

Jefferson (con't)

Secret Innovation, a FIRST Lego League team from Jefferson Middle School, competed in the Secret City Qualifiers on December 14, 2024. They received the First Place Robot Design Award. Mrs. Scott and Mrs. Shanafield were honored with the Volunteer Award at this event. The Jefferson Middle School FIRST Lego League teams will host the Atomic City Invitational on January 18 and will compete in the East TN State FIRST Lego League Championship on February 8.

Oak Ridge High School

Two ORHS Sophomore Students achieved recognition in the 2025 Hola Hora Latina - Young Artists Competition. Brissa Zambrano received 2nd Place, while Kate Pickel earned 3rd Place. Their impressive artwork will be showcased at the Emporium Center in downtown Knoxville through the end of January.

OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: Oak Ridge High School Date: 1/8/25

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: HOSA

Educational Activity: State Leadership Conference

Destination: Chattanooga

Purpose of Trip: Conferences and Competitions

Departure Date: 3/31/25 Departure Time: 7 am

Return Date: 4/2/25 Return Time: 3 pm

Mode of Transportation: Bus - Rocky Top Schoolbuses

First Student Transportation Contractor School System Van Air Travel

NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: n/a

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____
(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: The Chattanooga

Address: 1201 Broad Street

City: Chattanooga State: TN Zip: 37402

Phone: 423-756-3400 Contact Person: _____

Number of Nights: 2 Hotel Rating: 4.3

Name of School Sponsor/Date: Sonya Minarik

Signature of School Sponsor: *Sonya Minarik* Cell #: 865-235-4588

Minimum requires teacher to student ratio:
PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 30

of Adults: 2

Chaperone/Student Ratio: 15:1

Professional Staff Chaperone(s)

1. Name: Sonya Minarik Cell #: 865-235-4588

2. Name: Jessica Pointer Cell #: 865-456-4577

3. Name: _____ Cell #: _____

4. Name: _____ Cell #: _____

Other Chaperone(s):

1. Name: _____ Cell #: _____

2. Name: _____ Cell #: _____

3. Name: _____ Cell #: _____

4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000, involve out of the country travel, out of state travel or overnight stay require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

1. *Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).*
2. *Attach as documentation the following items"*
 - *Completed Campus Leave Request*
 - *Details of Trip/Itinerary*
 - *Justification/Explanation of Cost (per student/chaperone/total)*
 - *Financial Arrangements for students who cannot afford trip (if any)*
 - *Insurance Details*
 - *Out of country travel requires a release for each student participant*

Financial Arrangements: (please indicate method)

No Cost Paid by Students Paid by School Paid by School System

Substitute Required Acct to be charged for Substitute _____

\$ +/- 400 Per Student TOTAL TRIP AMOUNT: \$ 12,000

Provisions for those students unable to pay: Club scholarship

Other information, comments, and special arrangements: (foreseeable hazards must be identified)

Staff Member: Sonya M. Nank

Date: 1/8/25

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events. These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action: Approved Disapproved:

Principal's Signature: [Signature]

Date: 1-7-25

Superintendent or Designee's Action: Approved: Disapproved:

Superintendent or Designee's Signature: _____ Date: _____

Board Approval Date: _____



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: ORHS HOSA

Destination: Chattanooga, TN

Mode of Transportation: Bus Purpose: HOSA SLC

Date: 3 / 31 / 25 Time: 7 am to Date: 4 / 2 / 25 Time: 3 pm

Expected Number of Participants: 30 Expected Number of Chaperones: 2

Teacher/Sponsor of Trip: Sonya Minarik

Principal Signature: *[Signature]* Date: 1-8-25

Fee Requested (if any)*
 *In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to : Minarik or Pointer by: 2/14/25
 (Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

 Parent/Guardian (printed)

 Parent/Guardian (signature)

 Date

Please provide 2 Emergency Contact Phone Numbers

 Name/Relationship

 Number

 Name/Relationship

 Number

Conference Schedule

Please note the schedule is tentative and subject to change.

SUNDAY, MARCH 30, 2025

1:00 p.m. - 8:00 p.m. ET	State Officer Candidate Workshop and Interviews
6:00 p.m. - 8:00 p.m. ET	Registration

MONDAY, MARCH 31, 2025

9:00 a.m. - 11:00 a.m. ET	Registration
11:30 a.m. ET	Mandatory Advisor Meeting and Lunch NMDP Activity for all Student Members (Tentative) *Concessions Open
1:00 p.m. - 6:00 p.m. ET	Competitive Events
10:00 a.m. - 4:00 p.m. ET	HOSA Expo
2:00 p.m. - 5:00 p.m. ET	HOSA Academy Sessions
8:00 p.m. - 10:00 p.m. ET	Opening Session

TUESDAY, APRIL 1, 2025

8:00 a.m. - 2:00 p.m. ET	Competitive Events
9:00 a.m. - 2:00 p.m. ET	HOSA Academy HOSA Expo
2:00 p.m. - 4:00 p.m. ET	Business Session (Voting Delegates only)
6:00 p.m. - 8:30 p.m. ET	Recognition Session
8:30 p.m. - 10:30 p.m. ET	HOSA Fun Night

WEDNESDAY, APRIL 2, 2025

9:00 a.m. - 11:30 a.m. ET	Awards Ceremony
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OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: Oak Ridge High Date: 4/2/25-4/4/25

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: Early Childhood Education/ FCCLA

Educational Activity: Gaining leadership skills through meetings/sessions

Destination: Chattanooga Convention Center

Purpose of Trip: FCCLA State Leadership Conference

Departure Date: 4/2/25 Departure Time: 8:00 am

Return Date: 4/4/25 Return Time: 4:00 pm

Mode of Transportation: Bus

First Student Transportation Contractor School System Van Air Travel

NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: _____

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____

(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: Double Tree by Hilton

Address: 407 Chestnut Street

City: Chattanooga State: Tn Zip: 37402

Phone: 423-756-5150 Contact Person: _____

Number of Nights: 2 Hotel Rating: 4.5

Name of School Sponsor/Date: Bev Sparks

Signature of School Sponsor: Bev Sparks Cell #: 733-733-1995

Minimum requires teacher to student ratio:

PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 16

of Adults: 2

Chaperone/Student Ratio: 1/8

Professional Staff Chaperone(s)

- 1. Name: Melanie Rogers Cell #: 513-891-3573
- 2. Name: _____ Cell #: _____
- 3. Name: _____ Cell #: _____
- 4. Name: _____ Cell #: _____

Other Chaperone(s):

- 1. Name: _____ Cell #: _____
- 2. Name: _____ Cell #: _____
- 3. Name: _____ Cell #: _____
- 4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000 or involve out of the country travel require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

- 1. Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).
- 2. Attach as documentation the following items"
 - Completed Campus Leave Request
 - Details of Trip/Itinerary
 - Justification/Explanation of Cost (per student/chaperone/total)
 - Financial Arrangements for students who cannot afford trip (if any)
 - Insurance Details
 - Out of country travel requires a release for each student participant

Financial Arrangements: (please indicate method)

No Cost
 Paid by Students
 Paid by School
 Paid by School System

Substitute Required Acct to be charged for Substitute _____

\$ 250 Per Student TOTAL TRIP AMOUNT: \$ 4000

Provisions for those students unable to pay: _____

The trip is optional and students can fundraise.

Other information, comments, and special arrangements: (foreseeable hazards must be identified)

Staff Member: **Beverly Sparks** Digitally signed by Beverly Sparks
Date: 2025.01.07 14:59:03 -05'00'

Date: 1/7/25

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events.? These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action: Approved: Disapproved:

Principal's Signature: *Beverly Sparks*

Date: 1-9-25

Superintendent or Designee's Action: Approved: Disapproved:

Superintendent or Designee's Signature: _____ Date: _____

Board Approval Date (if required): _____



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: ORHS FCCLA

Destination: Chattanooga Convention Center

Mode of Transportation: Bus Purpose: FCCLA State Leadership Conference

Date: 04 / 02 / 25 Time: 8AM to Date: 04 / 04 / 25 Time: _____

Expected Number of Participants: 16 Expected Number of Chaperones: 2

Teacher/Sponsor of Trip: Bev Sparks

Principal Signature: _____ Date: 1-8-25

Fee Requested (if any)* 250.00

*In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to: B. Sparks by: 1/7/25
 (Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

 Parent/Guardian (printed)

 Parent/Guardian (signature)

 Date

Please provide 2 Emergency Contact Phone Numbers

 Name/Relationship

 Number

 Name/Relationship

 Number

Conference Schedule

Please note the schedule is tentative and subject to change.

TUESDAY, APRIL 1, 2025

5:00 p.m. - 7:00 p.m. ET	Early Registration
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WEDNESDAY, APRIL 2, 2025

9:00 a.m. - 11:00 a.m. ET	State Officer Candidate Workshop
1:00 p.m. - 3:00 p.m. ET	State Officer Candidate Interviews
2:00 p.m. - 4:00 p.m. ET	Conference Registration
6:00 p.m. - 6:30 p.m. ET	Mandatory Adviser Meeting
6:00 p.m. - 6:30 p.m. ET	State Officer Meet and Greet
6:30 p.m. ET	Opening Session Doors Open
7:00 p.m. - 8:30 p.m. ET	Opening Session
8:30 p.m. - 9:30 p.m. ET	Candidate Forum Session
11:00 p.m. ET	Curfew

THURSDAY, APRIL 3, 2025

7:00 a.m. - 8:30 a.m. ET	Lead Consultant and Evaluator Breakfast
9:00 a.m. - 2:30 p.m. ET	State Officer Candidate Board Displays
9:00 a.m. - 2:30 p.m. ET	FCCLA Leadership Lab
9:00 a.m. ET	STAR Events Begin (By Appointment)
10:00 a.m. - 2:00 p.m. ET	Pathways to Possibilities Expo
11:00 a.m. - 1:00 p.m. ET	State Officer Candidates at Board Display
3:00 p.m. - 4:00 p.m. ET	Business Session
4:00 p.m. - 6:30 p.m. ET	Dinner with Chapter (On your own)
6:30 p.m. - 8:00 p.m. ET	Recognition Session *There will not be a banquet dinner this year
8:30 p.m. - 11:00 p.m. ET	Fun Night Activity
12:00 a.m. ET	Curfew

FRIDAY, APRIL 4, 2025

9:00 a.m. ET	Awards/Closing/Installation Session
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OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: Oak Ridge High School Date: 1/8/25

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: Oak Ridge High School TSA

Educational Activity: State Leadership Conference

Destination: Chattanooga Convention Center

Purpose of Trip: State Competition

Departure Date: 4/2/25 Departure Time: 2pm

Return Date: 4/5/25 Return Time: 3pm

Mode of Transportation: Bus

First Student Transportation Contractor School System Van Air Travel

NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: _____

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____

(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: Chattanooga Marriott Downtown

Address: 2 Carter Street

City: Chattanooga State: TN Zip: 37402

Phone: 4237560002 Contact Person: Kate Sanders

Number of Nights: 3 Hotel Rating: 4.1

Name of School Sponsor/Date: Todd Livesay, 1/8/25

Signature of School Sponsor: TLivesay Digitally signed by TLivesay Date: 2025.01.08 14:33:51 -05'00' Cell #: 865-924-5590

Minimum requires teacher to student ratio:

PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 40 # of Adults: 4 Chaperone/Student Ratio: 10:1

Professional Staff Chaperone(s)

1. Name: Todd Livesay Cell #: 865-924-5590
2. Name: Victor Green Cell #: 865-740-6127
3. Name: _____ Cell #: _____
4. Name: _____ Cell #: _____

Other Chaperone(s):

1. Name: Tara Kneiser Cell #: 865-238-5864
2. Name: Brian Kneiser Cell #: 865-318-8732
3. Name: _____ Cell #: _____
4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000, involve out of the country travel, out of state travel or overnight stay require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

1. Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).
2. Attach as documentation the following items"
 - Completed Campus Leave Request
 - Details of Trip/Itinerary
 - Justification/Explanation of Cost (per student/chaperone/total)
 - Financial Arrangements for students who cannot afford trip (if any)
 - Insurance Details
 - Out of country travel requires a release for each student participant

Financial Arrangements: (please indicate method)

No Cost Paid by Students Paid by School Paid by School System

Substitute Required Acct to be charged for Substitute _____
\$ 350 Per Student TOTAL TRIP AMOUNT: \$ 14000

Provisions for those students unable to pay: fundraisers, TSA fund,

Other information, comments, and special arrangements: (foreseeable hazards must be identified)

Staff Member: _____

Date: _____

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events.? These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action:

Approved:

Disapproved:

Principal's Signature:

Date: 1-8-25

Superintendent or Designee's Action: Approved:

Disapproved:

Superintendent or Designee's Signature: _____ Date: _____

Board Approval Date: _____



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: Oak Ridge High School TSA

Destination: Chattanooga Convention Center

Mode of Transportation: bus Purpose: State Leadership Conference

Date: 4 / 2 / 25 Time: 2pm to Date: 4 / 5 / 25 Time: 3pm

Expected Number of Participants: 40 Expected Number of Chaperones: 4

Teacher/Sponsor of Trip: Todd Livesay

Principal Signature: *[Signature]* Date: 1-8-25

Fee Requested (if any)*
 *In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to: Mr. Livesay by: 3/26/25
 (Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

 Parent/Guardian (printed)

 Parent/Guardian (signature) Date _____

Please provide 2 Emergency Contact Phone Numbers

_____ Name/Relationship	_____ Number
_____ Name/Relationship	_____ Number

TSA 2025 State Leadership Conference Itinerary

Wednesday, April 2nd

2:00pm: Students load the bus, drive to Chattanooga TN

4:00pm:

-Students check into hotel room at Chattanooga Marriott Downtown

-Students who test report to testing before 6pm

7:00pm: Dinner at Sticky Fingers

9:00pm: Students report to hotel rooms

Thursday, April 3rd

8:00am: General Sessions

9:00am-12pm: Students attend competitions

12pm: picnic lunch at convention center

12:30-5:30pm: Students attend competitions

6:30pm: Pizza dinner at Convention center

9:00pm: Students report to hotel rooms

Friday, April 4th

7am: Voting Delegates report

8am: General Sessions

9am-12pm 9:00am-12pm: Students attend competitions

12pm: picnic lunch at convention center

12:30-5:30pm: Students attend competitions

6:00pm: Pizza dinner at 423 Taco

7:30pm: Silent Disco at Chattanooga Convention Center

10:00pm: Students report to hotel rooms

Saturday, April 5th

9am: Awards Ceremony

11:30am: Leave convention center

12:00pm: Lunch at Hamilton Place Mall

1pm: Return to Oak Ridge High School

3pm: Arrive at Oak Ridge High School

OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: Oak Ridge High School Date: 1/6/25

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: Interact Club

Educational Activity: Meeting with other Interact Clubs & scholarship interviews

Destination: Pigeon Forge, TN

Purpose of Trip: District Wide Spring Conference

Departure Date: 2/28/25 Departure Time: 11am

Return Date: 3/1/25 Return Time: 1pm

Mode of Transportation: car

First Student Transportation Contractor School System Van Air Travel CARS
NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: _____

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____

(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: Ramsey Hotel & Convention Center

Address: 3230 Parkway

City: Pigeon Forge State: TN Zip: 37863

Phone: 865-428-2700 Contact Person: Edna Varner

Number of Nights: 2 Hotel Rating: 4 star

Name of School Sponsor/Date: Alison King

Signature of School Sponsor: Alison King Cell #: 865-258-8108

Minimum requires teacher to student ratio:

PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 24 # of Adults: 6 Chaperone/Student Ratio: 1-4

Professional Staff Chaperone(s)

- 1. Name: Alison King Cell #: 865-258-8108
- 2. Name: Leslie Shelton Cell #: 865-951-5162
- 3. Name: Mary Grace Patton Cell #: 309-202-3069
- 4. Name: _____ Cell #: _____

Other Chaperone(s):

- 1. Name: Emily Rice Cell #: 352-514-9895
- 2. Name: Nicole Ekhart Cell #: 513-833-3132
- 3. Name: Jan Melcher Cell #: 865-207-7611
- 4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000, involve out of the country travel, out of state travel or overnight stay require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

- 1. Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).
- 2. Attach as documentation the following items"
 - Completed Campus Leave Request
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 - Justification/Explanation of Cost (per student/chaperone/total)
 - Financial Arrangements for students who cannot afford trip (if any)
 - Insurance Details
 - Out of country travel requires a release for each student participant

Financial Arrangements: (please indicate method)

No Cost Paid by Students Paid by School Paid by School System

Substitute Required Acct to be charged for Substitute _____
\$ 50 Per Student TOTAL TRIP AMOUNT: \$ 50

Provisions for those students unable to pay: _____

The Noon Rotary Club and the Interact club will help offset the \$50 for students who may not be able to afford to attend otherwise.
The Rotary Club pays for the majority of the conference, including hotels, \$40 of the conference fee and lunch on Friday.

Other information, comments, and special arrangements: (foreseeable hazards must be identified)

Traffic

Staff Member: Alison King

Date: 1/8/25

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events. These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action: Approved: Disapproved:

Principal's Signature: *[Signature]*

Date: 1-9-25

Superintendent or Designee's Action: Approved: Disapproved:

Superintendent or Designee's Signature: _____ Date: _____

Board Approval Date: _____

Oak Ridge High School

Request For the Use of Adult / Student Drivers
Curricular / Extra Curricular School Trip

Group taking trip: ORHS Interact Club
ORHS Staff Sponsor: Alison King & Leslie Shelton

Trip(s) Info

Date: 2/28/15 - 3/1/15 # of Students: 24

Destination: Pigeon Forge, TN

Date: _____ # of Students: _____

Destination: _____

Form must be completed and turned in with Field Trip Request Form.

Documents needed:

- Adult/ Student Drivers Release Form (T2)** for every adult driver.
Driver must be 18 yrs. or older. (To be turned in with this form)
- Parent Notification & Permission Form (T3)** for participating
ORHS students. (To be kept on file by staff-sponsor)
- School Event Transportation Release Form (T4)** for participating
ORHS students. (To be kept on file by staff-sponsor)

- **I understand that cars are to caravan (follow each other).**
- **I understand that each student must have a seat with an operational seat belt.**
- **I understand that students are not allowed to ride with or transport other students to events outside the city limits of Oak Ridge.**

Staff Signature: Alison King Date: 1/18/15

Administrative Approval: _____ Date: _____

2025 Interact Conference Timeline

2/28/25

- 11:00am Depart ORHS
- Stop at Buc-ees
- Eat lunch at restaurant to be determined
- 1:30pm-2:30pm: Check into hotel
- 4pm- Conference begins
- 5:15pm- Hatfield and McCoy's Dinner Show
- 8:30pm- Back to hotel
- 12pm- Curfew

3/1/25

- 9am- morning conference sessions
- 12pm-3pm-free time in the area.
 - Possible activities: The Island, the outlets or Gatlinburg.
- 6pm- Banquet at hotel
- 12pm-Curfew

3/2/25

- 9:30-11:30-Conference
- 12pm-Depart Hotel
- 1pm-Arrival at ORHS



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: Interact Club

Destination: Pigeon Forge, TN

Mode of Transportation: cars Purpose: Interact Conference

Date: 2 / 28 / 25 Time: 11am to Date: 3 / 2 / 25 Time: 1pm

Expected Number of Participants: 24 Expected Number of Chaperones: 6

Teacher/Sponsor of Trip: Alison King

Principal Signature: *[Signature]* Date: 1-9-25

Fee Requested (if any)*
 *In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to: Alison King by: 2/14/25
 (Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

 Parent/Guardian (printed)

 Parent/Guardian (signature)

 Date

Please provide 2 Emergency Contact Phone Numbers

_____ Name/Relationship	_____ Number
_____ Name/Relationship	_____ Number

OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: ORHS Date: 12/16/2024

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: ORHS Secret City Wildbots

Educational Activity: Smoky Mountain Robotics Regional Competition

Destination: Sevierville Convention Center, 202 Gists Creek Rd, Sevierville, TN

Purpose of Trip: to compete in a regional robotics competition

Departure Date: 4/2/25 Departure Time: 2:00 pm

Return Date: 4/5/25 Return Time: 11:00 pm

Mode of Transportation: Mentor vehicles & school van and truck

First Student Transportation Contractor School System Van Air Travel

NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: Lisa Buckner, Mark Buckner, Christopher Scott

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____
(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: Club Wyndham Great Smokies Lodge

Address: 1425 Old Knoxville Highway

City: Sevierville State: TN Zip: 37876

Phone: 8652866480 Contact Person: _____

Number of Nights: 3 Hotel Rating: 3 stars

Name of School Sponsor/Date: Lisa Buckner 12/16/2024

Signature of School Sponsor: Lisa Buckner Digitally signed by Lisa Buckner Date: 2024.12.16 09:44:55 -05'00' Cell #: 8652077036

Minimum requires teacher to student ratio:

PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 25 # of Adults: 4 Chaperone/Student Ratio: 1:6

Professional Staff Chaperone(s)

- 1. Name: Lisa Buckner Cell #: 865-207-7036
- 2. Name: Mark Buckner Cell #: 865-228-4270
- 3. Name: Christopher Scott Cell #: 865-223-4098
- 4. Name: _____ Cell #: _____

Other Chaperone(s):

- 1. Name: Harold Shanafield Cell #: 865-405-9436
- 2. Name: _____ Cell #: _____
- 3. Name: _____ Cell #: _____
- 4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000 or involve out of the country travel require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

- 1. Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).
- 2. Attach as documentation the following items"
 - Completed Campus Leave Request
 - Details of Trip/Itinerary
 - Justification/Explanation of Cost (per student/chaperone/total)
 - Financial Arrangements for students who cannot afford trip (if any)
 - Insurance Details
 - Out of country travel requires a release for each student participant

Financial Arrangements: (please indicate method)

No Cost Paid by Students Paid by School Paid by School System

Substitute Required Acct to be charged for Substitute _____

\$ approx. 200 Per Student TOTAL TRIP AMOUNT: \$ 6,000

Provisions for those students unable to pay: _____ opportunities for fundraising and scholarships will be found if needed

Other information, comments, and special arrangements: (foreseeable hazards must be identified)

Staff Member: Lisa Buckner

Date: 12/16/2024

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events.? These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action:

Approved:

Disapproved:

Principal's Signature:

Beth Johnson

Date: 1-9-25

Superintendent or Designee's Action: Approved:

Disapproved:

Superintendent or Designee's Signature: _____

Date: _____

Board Approval Date (if required): _____



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: ORHS Secret City Wildbots

Destination: Smoky Mountain Regional Robotics Competition, Sevierville Convention Center, Sevierville, TN

Mode of Transportation: Mentor Vehicles, School Van & Truck Purpose: Compete in regional robotics competition

Date: 04 / 02 / 25 Time: 2:00 pm to Date: 04 / 05 / 25 Time: 11:00 pm

Expected Number of Participants: 25 Expected Number of Chaperones: 4

Teacher/Sponsor of Trip: Mark Buckner & Lisa Buckner

Principal Signature: *Beth G... 3/24/25* Date: 1-8-25

Fee Requested (if any)*

*In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to: Mrs. Buckner by: 3/24/2025
(Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

Parent/Guardian (printed)

Parent/Guardian (signature)

Date

Please provide 2 Emergency Contact Phone Numbers

Name/Relationship

Number

Name/Relationship

Number

Secret City Wildbots 2025 Smoky Mountain Survival Guide

April 2-5, 2025

Event Venue: Sevierville Convention Center
202 Gists Road
Sevierville, TN 37876
865.453.0001

Coach/Chaperone Phone Numbers:
(865) 207-7036 **Mrs. Buckner**
(865) 228-4270 **Dr. Buckner**
(865) 223-4098 **Mr. Scott**

Hotel: Club Wyndham Great Smokies Lodge
1425 Old Knoxville Highway
Sevierville, TN 37876 (865.286.6480)

We will meet at ORHS in the Robotics Room on **Wednesday, April 2, 2025, at 2:00 pm to head to Sevierville, TN.** We should arrive in Sevierville at the hotel by 3:30 pm. On Saturday evening, **April 5, 2025, we will begin our return to Oak Ridge after packing up our pit and helping with the field tear down. That should put us in Oak Ridge at approximately 11 pm.**

Costs:

Students traveling with the team: **\$200**

Students traveling with their parents: **\$75**

(This covers transportation of Robot & Mentor Costs shared between all members)

The expected cost for this trip is based on students that indicated they were going (assuming this doesn't change). **The costs** for those traveling with the team covers transportation, 3 nights lodging, and 3 breakfasts, 3 lunches, and 3 dinners at our lodging.

We need **the money for this trip by Monday, March 24, 2025.**

Students will need additional money on the trip for 2 Dinners (Wednesday & Saturday travel days). We will be making 3 breakfasts, packing 3 bag lunches, and making 2 dinners at the place we are staying where we have full kitchens. **Students also need to bring water and snacks for the pit and stands during competitions.**

Medication: Medicines must be **clearly labeled** and placed in an appropriately sized zip-lock bag. Instructions should be written out for specific dosage and time on separate sheets of paper and placed inside the plastic bag with the medicine. **All medicines will be given to Mrs. Buckner before loading the truck/vans on the day of departure.** Students may not keep their own medicines in their rooms. A form is included and may be signed by parents for dispensing of certain non-prescription medications if needed.

Snacks: Students are encouraged to bring non-perishable snack food and water to the competition – as snacks may be expensive at the competition. It should be easy to put water and a few snacks into their backpacks. We will be

at the event all day long! **(THE SNACKS & WATERS YOU ARE PROVIDING IS WHAT WILL BE USED FOR THIS!)**

Clothes: Be sure and pack this year's TEAM SHIRTS & Sweatshirt! These should be worn Wednesday, Thursday, Friday, and Saturday. Also **make sure you have CLOSE-TOED SHOES!**

Behavior: (Please review these with your parents) Remember you are representing ORHS, the Secret City Wildbots, and FIRST! No students are to leave their condo without permission from Mr. Scott or Dr. & Mrs. Buckner. We are staying in 3- & 4-bedroom condo units. These units have full size kitchens so we will be eating our breakfasts and dinners in the rooms. Meals will be served from one of the units and students can be present in the common areas of the units. The resort also has an indoor waterpark that students will have wristbands too, and we will be trying to carve out time for them to spend there. No students are allowed out of their condo after curfew. No Exceptions!

PARENTS**FYI:** This event will be televised on Twitch TV on the FIRST Inspires channel. You will be able to access the live webcast by clicking on the Smoky Mountain Regional Channel. We will post links to the broadcast in Slack when we have it. Once teams have passed inspection on Thursday, we will post our match schedule to Slack, as well. We hope you will watch our matches!

ORHS Secret City Wildbots
Smoky Mountain Regional in Sevierville, Tennessee
At Sevierville Convention Center
April 2nd – 5th, 2025

Wednesday, 4/2/2025

2:00 pm Leave ORHS Parking lot
For Sevierville, TN
3:30 pm - Arrive Hotel
5:00 pm – Unload team to Unload Trailer
at Convention Center
7:30 pm - Dinner
9:00 pm - Team Mtg/Chairman's
Practice

9-12 am Qualification Matches
12:00 pm Lunch
1-5:45 pm Qualification Matches
6:00 pm Awards Ceremony
7:00 pm Pits/Machine Shop closes
7:30 pm Dinner at Lodging or Team
Social
9:00 pm Return to Lodging/Scouting
Mtg
10:30 pm In rooms/Lights Out

Thursday, 4/3/2025

7:30 am Leave for Competition at
Convention Center
9:00 am Driver's Mtg/Field Measurement
11:30 am Lunch
12-6 pm Practice Rounds
8:00 pm Pits/Machine Shop close
8:00 pm Return to Lodging for Dinner
9:30 pm Chairman's Practice
10:30 pm In Rooms/Lights Out

Saturday, 4/5/2025

7:30 am Check out hotel & Leave for
Competition at
Convention Center
8:00 am Pits open
9-12 am Qualification Matches
11:30 am Lunch
12:15 pm Alliance Selections
1-5:00 pm Elimination Matches
5:45 pm Awards Ceremony
7:00 pm Pack-up pits & fields
8:00 pm Dinner enroute Home
11:00 pm Return Oak Ridge (approx.)

Friday, 4/4/2025

7:30 am Leave for Competition
8:30 am Opening Ceremonies

OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: ORHS Date: 12/16/2024

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: ORHS Secret City Wildbots

Educational Activity: Rocket City Robotics Regional Competition

Destination: Von Braun Center, 700 Monroe St. SW, Huntsville, AL

Purpose of Trip: to compete in a regional robotics competition

Departure Date: 3/12/25 Departure Time: 8:00 am

Return Date: 3/16/25 Return Time: approx. 2 pm

Mode of Transportation: Mentor vehicles & school van and truck

First Student Transportation Contractor School System Van Air Travel

NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: Lisa Buckner, Mark Buckner, Christopher Scott

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____

(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: Above & Beyond Rentals, Huntsville, Alabama

Address: 121012 Carriage Court

City: Huntsville State: AL Zip: 35802

Phone: 256-763-9410 Contact Person: Stephanie Ball

Number of Nights: 4 Hotel Rating: airBNB

Name of School Sponsor/Date: Lisa Buckner 12/16/2024

Signature of School Sponsor: Lisa Buckner Digitally signed by Lisa Buckner
Date: 2024.12.16 09:44:55 -08'00' Cell #: 8652077036

Minimum requires teacher to student ratio:

PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 25

of Adults: 4

Chaperone/Student Ratio: 1:6

Professional Staff Chaperone(s)

- 1. Name: Lisa Buckner Cell #: 865-207-7036
- 2. Name: Mark Buckner Cell #: 865-228-4270
- 3. Name: Christopher Scott Cell #: 865-223-4098
- 4. Name: _____ Cell #: _____

Other Chaperone(s):

- 1. Name: Harold Shanafield Cell #: 865-405-9436
- 2. Name: _____ Cell #: _____
- 3. Name: _____ Cell #: _____
- 4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000 or involve out of the country travel require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

1. Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).
2. Attach as documentation the following items"
 - Completed Campus Leave Request
 - Details of Trip/Itinerary
 - Justification/Explanation of Cost (per student/chaperone/total)
 - Financial Arrangements for students who cannot afford trip (if any)
 - Insurance Details
 - Out of country travel requires a release for each student participant

Financial Arrangements: (please indicate method)

No Cost

Paid by Students

Paid by School

Paid by School System

Substitute Required

Acct to be charged for Substitute _____

\$ approx. 280 Per Student

TOTAL TRIP AMOUNT: \$ 7,000

Provisions for those students unable to pay: opportunities for fundraising and scholarships will be found if needed

Other Information, comments, and special arrangements: (foreseeable hazards must be identified)

Staff Member: Lisa Buckner

Date: 12/16/2024

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events.? These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action: Approved: Disapproved:

Principal's Signature: *Beth J. Galy*

Date: 1-9-25

Superintendent or Designee's Action: Approved: Disapproved:

Superintendent or Designee's Signature: _____ Date: _____

Board Approval Date (if required): _____



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: ORHS Secret City Wildbots

Destination: Rocket City Regional Robotics Competition, Von Braun Center, Huntsville, Alabama

Mode of Transportation: Mentor Vehicles, School Van & Truck Purpose: Compete in regional robotics competition

Date: 03 / 12 / 25 Time: 8:00 am to Date: 3 / 16 / 25 Time: 2:00 pm

Expected Number of Participants: 25 Expected Number of Chaperones: 4

Teacher/Sponsor of Trip: Mark Buckner & Lisa Buckner

Principal Signature: *Beth Johnson* Date: 1-9-25

Fee Requested (if any)*

*In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to: Mrs. Buckner by: 2/21/2025
(Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

Parent/Guardian (printed)

Parent/Guardian (signature)

Date

Please provide 2 Emergency Contact Phone Numbers

Name/Relationship

Number

Name/Relationship

Number

Secret City Wildbots 2025 Rocket City Survival Guide

March 12-15, 2025

Event Venue: Von Braun Center
700 Monroe Street
Huntsville, Alabama 35801
256.533.1953

Coach/Chaperone Phone Numbers:
(865) 207-7036 **Mrs. Buckner**
(865) 228-4270 **Dr. Buckner**
(865) 223-4098 **Mr. Scott**

Hotel: Above & Beyond Rentals - Huntsville
121012 Carriage Court
Huntsville, AL 35802

We will meet at ORHS in the Robotics Room on **Wednesday, March 12, 2025, at 8:00 am to head to Huntsville, AL.** We should arrive in Huntsville at the Space Center by about 11:00 am. On Sunday morning, **March 16, 2025, we will begin our return to Oak Ridge. That should put us in Oak Ridge at approximately 3 pm.**

Costs:

Students traveling with the team: **\$280**

Students traveling with their parents: **\$100**

(This covers transportation of Robot & Mentor Costs shared between all members) If these students want tickets to team social (This includes dinner) on Friday night (\$20), tickets to NASA Space Center on Wednesday Afternoon (\$20), or lunches (\$20) at the competition speak to Mrs. Buckner about the addition of these costs.

The expected cost for this trip is based on students that indicated they were going (assuming this doesn't change). **The costs** for those traveling with the team covers transportation, 4 nights lodging, and 3 breakfasts, 3 lunches, and 3 dinners at our lodging. It will also include admission to the NASA Space Center and tickets for the Team Social.

We need **the money for this trip by Friday, February 21, 2025.**

Students will need additional money on the trip for 2 Lunches (Wednesday & Sunday travel days). We will be making 3 breakfasts, packing 3 bag lunches, and making 3 dinners at the place we are staying where we have full kitchens. **Students also need to bring water and snacks for the pit and stands during competitions.**

Medication: Medicines must be **clearly labeled** and placed in an appropriately sized zip-lock bag. Instructions should be written out for specific dosage and time on separate sheets of paper and placed inside the plastic bag with the medicine. **All medicines will be given to Mrs. Buckner before loading the truck/vans on the day of departure.** Students may not keep their own medicines in their rooms. A form is included and may be signed by parents for dispensing of certain non-prescription medications if needed.

Snacks: Students are encouraged to bring non-perishable snack food and water to the competition – as snacks may be expensive at the competition. It should be easy to put water and a few snacks into their backpacks. We will be at the event all day long! **(THE SNACKS & WATERS YOU ARE PROVIDING IS WHAT WILL BE USED FOR THIS!)**

Clothes: **Be sure and pack this year's TEAM SHIRTS & Sweatshirt!** These should be worn Wednesday, Thursday, Friday, and Saturday. Also **make sure you have CLOSE-TOED SHOES!**

Behavior: (Please review these with your parents) Remember you are representing ORHS, the Secret City Wildbots, and FIRST! No students are to leave their apartment or the premises without permission from Mr. Scott or Dr. & Mrs. Buckner. Three of the Apartments will house boys and one will house girls and there will be chaperones in each apartment. Each apartment has 3 bedrooms and 2 bathrooms. Meals will be served from one of the apartments and students can be present in the common areas of the apartment or in the fenced in backyard. No students are allowed out of their apartment after curfew. No Exceptions!

PARENTS**FYI:** This event will be televised on Twitch TV on the FIRST Inspires channel. You will be able to access the live webcast by clicking on the Rocket City Regional Channel. We will post links to the broadcast in Slack when we have it. Once teams have passed inspection on Thursday, we will post our match schedule to Slack, as well. We hope you will watch our matches!

ORHS Secret City Wildbots
Rocket City Regional in Huntsville, Alabama
At Von Braun Center
March 12th – 16th, 2025

Wednesday, 3/12/2025

8:00 am (EST) Leave ORHS Parking lot
For Huntsville, Alabama
11:00 am - (CST) Arrive Space Center
4:30 pm – Arrive Lodging
5:00 pm – Unload team to Unload Trailer
at Von Braun Center
7:30 pm - Dinner
9:00 pm - Team Mtg/Chairman's
Practice

12:00 pm Lunch
1-5:45 pm Qualification Matches
6:00 pm Awards Ceremony
7:00 pm Pits/Machine Shop closes
7:30 pm Dinner at Lodging or Team
Social
9:00 pm Return to Lodging/Scouting
Mtg
10:30 pm In rooms/Lights Out

Thursday, 3/13/2025 (CST)

7:30 am Leave for Competition at
Von Braun Center
9:00 am Driver's Mtg/Field Measurement
11:30 am Lunch
12-6 pm Practice Rounds
8:00 pm Pits/Machine Shop close
8:00 pm Return to Lodging for Dinner
9:30 pm Chairman's Practice
10:30 pm In Rooms/Lights Out

Saturday, 3/15/2025 (CST)

7:30 am Leave for Competition at
Von Braun Center
8:00 am Pits open
9-12 am Qualification Matches
11:30 am Lunch
12:15 pm Alliance Selections
1-5:00 pm Elimination Matches
5:45 pm Awards Ceremony
7:00 pm Pack-up
8:00 pm Dinner at Lodging
11:00 pm In room/Lights out

Friday, 3/14/2025 (CST)

7:30 am Leave for Competition
8:30 am Opening Ceremonies
9-12 am Qualification Matches

Sunday, 3/16/2025 (CST)

9:00 am (CST) Head home
2:00 pm (EST) Arrive Oak Ridge, TN

OAK RIDGE SCHOOLS
CAMPUS LEAVE REQUEST – Overnight Trip

Accommodations: Overnight lodging for students must be appropriately selected with student safety, quality of accommodations, cost, and location to events as central considerations. Students should be appropriately assigned to rooms and an overnight adult supervision and contact plan should be established and communicated to students.

School: ORHS Date: 1/8/2025

The following group requests permission to leave the school campus to participate in the educational activity indicated below. Parental permission will be obtained for each student.

Class/Group Requesting Permission: Secret City Wildbots -FRC Team 4265

Educational Activity: Robotics Competition

Destination: George R Brown Convention Center, Houston, TX

Purpose of Trip: Compete at FIRST Robotics World Championships

Departure Date: 4/15/2025 Departure Time: 5:30 am

Return Date: 4/20/2025 Return Time: 11:00 pm

Mode of Transportation: Parents & Mentors transport to airport; Plane to/from Houston, & F

First Student Transportation Contractor School System Van Air Travel

NOTE: Only ORS employees are authorized to drive school system vans.

School System Van – Name of Driver: C.Scott, Mark & Lisa Buckner, Janie Shanafield

Driver's License Verified by: _____ Attach copy of driver's license

Transportation Contractor: _____ Phone #: _____
(Only approved transportation companies may be used. Refer to ORS website for list of approved companies)

Air Travel Flight #'s: _____

Hotel/Motel Name: Still looking for hotels - only open to us when we qualify

Address: _____

City: Houston State: TX Zip: _____

Phone: _____ Contact Person: _____

Number of Nights: 5 Hotel Rating: _____

Name of School Sponsor/Date: Lisa Buckner

Signature of School Sponsor: Lisa Buckner Digitally signed by Lisa Buckner Date: 2025.01.08 18:24:57 -05'00' Cell #: 8652077036

Minimum requires teacher to student ratio:

PreK – 3 yr olds 1:4 K-2nd 1:6 3rd-4th 1:10 5th-8th 1:12 9th-12th 1:15
4 yr olds 1:6

of Students: 25 # of Adults: 5 Chaperone/Student Ratio: 1:5

Professional Staff Chaperone(s)

1. Name: Lisa Buckner Cell #: 8652077036
2. Name: Mark Buckner Cell #: 8652284270
3. Name: Christopher Scott Cell #: 8652234098
4. Name: Janie Shanafield Cell #: 8654059435

Other Chaperone(s):

1. Name: Harold Shanafield Cell #: 8654059436
2. Name: _____ Cell #: _____
3. Name: _____ Cell #: _____
4. Name: _____ Cell #: _____

Field Trips which exceed \$25,000, involve out of the country travel, out of state travel or overnight stay require School Board approval, regardless of fund raising, Booster Club participation or other contributions. Please follow these guidelines when requesting approval of such trip:

1. Submit an "Item for Action" for the Board Agenda (Principals have directions on submitting Board Agenda items).
2. Attach as documentation the following items"
 - Completed Campus Leave Request
 - Details of Trip/Itinerary
 - Justification/Explanation of Cost (per student/chaperone/total)
 - Financial Arrangements for students who cannot afford trip (if any)
 - Insurance Details
 - Out of country travel requires a release for each student participant

Financial Arrangements: (please indicate method)

No Cost Paid by Students Paid by School Paid by School System

Substitute Required Acct to be charged for Substitute _____

\$ approx 650 Per Student TOTAL TRIP AMOUNT: \$ 20000

Provisions for those students unable to pay: Scholarships will be found for students unable to pay.

Other information, comments, and special arrangements: (foreseeable hazards must be identified)

This is all preliminary info - assuming we qualify for Championship, we will then find out hotels & flights available to us.

Staff Member: Lisa Buckner

Date: 1/8/2025

Athletic Director: _____

Date: _____

This Section for Athletic Trips Only

At the high school level up to three events and/or tournaments per season can involve an overnight trip. However, no more than one day of school may be missed for these trips. (Under certain conditions, the Superintendent of Schools or designee may approve additional events.? These trips must be paid entirely from funds outside the Oak Ridge High School Athletic Department. TSSAA Tournament games would be an exception to this policy. (All overnight trips involving middle school athletics require Superintendent or designee approval.)

Number of overnight trips (including this request) requested during the current school year: _____

Athletic Director Signature: _____

Date: _____

Principal's Action: Approved: Disapproved:

Principal's Signature: *Dale J. Gist*

Date: 1-9-25

Superintendent or Designee's Action: Approved: Disapproved:

Superintendent or Designee's Signature: _____ Date: _____

Board Approval Date: _____



Oak Ridge Schools – Campus Leave/Field Trip Permission Form

Name of Group: ORHS Secret City Wildbots Team 4265

Destination: George R Brown Convention Center, Houston, TX

Mode of Transportation: Car/Plane/Van Purpose: Compete at World Championships

Date: 4 / 15 / 25 Time: 5:30 am to Date: 4 / 20 / 25 Time: 11:00 pm

Expected Number of Participants: 25 Expected Number of Chaperones: 5

Teacher/Sponsor of Trip: Mark & Lisa Buckner

Principal Signature: *Beth John Gelpi* Date: 1-9-25

Fee Requested (if any)*
 *In the course of learning throughout the school year, there are always opportunities to go above and beyond what the basic curriculum requires. In such cases, it is customary for the school to request a fee in order to cover the cost of these enhancements. These fees are in no way required and your child will not be denied the opportunity to participate or benefit from any curricular offering as a result of not paying a requested fee. The fees simply allow the district to offset the cost of any additional opportunities.

PARENT: Please separate this form and return to : Mrs. Buckner by: 4/7/2025
 (Teacher) (Date)

My child _____ has my permission to go on the Oak Ridge Schools field trip as described above. He/She will abide by the rules of Oak Ridge School and any special rules of the sponsor.

I have read and understand the activities my child will be involved with on this field trip. I understand that the Oak Ridge School System will provide adequate supervision, but as with any activity, injuries may occur. The School System is responsible only for injuries that result from the negligence of their staff. With my signature, I also authorize emergency medical treatment for my child.

I will be responsible for the damage to personal property of others or injury to other people caused by my son/daughter.

 Parent/Guardian (printed)

 Parent/Guardian (signature)

 Date

Please provide 2 Emergency Contact Phone Numbers

_____ Name/Relationship	_____ Number
_____ Name/Relationship	_____ Number

Secret City Wildbots 2024 Houston Survival Guide

Event Venue:

George R. Brown Convention Center

Coach/Chaperone Phone Numbers:

(865) 223-4098 Mr. Scott

(865) 207-7036 Mrs. Buckner

(865) 228-4270 Dr. Buckner

(865) 405-9435 Janie Shanafield

Lodging: Still working on this

We will leave the ORHS parking lot outside the Robotics Room on Tuesday, April 15, 2024. Time to be determined based on flight information. When we land, we will pick up rental vans at airport in Houston and travel to our lodging accommodations. (still working on this)

Unloading, Pit Set up, and the Competition will begin Wednesday and continue through Saturday. On Sunday, our flight # _____ leaves Houston at _____ pm and will arrive in Nashville at _____ pm and we hope to be back in Oak Ridge by _____ pm. We will stop to eat dinner on the way home from the airport.

Costs: (Working these costs out)

Flight Cost:

Food costs:

Lodging & Transportation costs:

ALSO, donations of Bottled Water & snack foods (please pick something your student will eat) are requested – Plan to bring these by April 12th (We will send these with Christopher Scott with the pit stuff and they will be used daily for snacks)

Medication: Medicines must be clearly labeled and placed in an appropriately sized zip-lock bag. Instructions should be written out for specific dosage and time on separate sheet of paper and placed inside the plastic bag with the medicine. **All medicines will be given to Mrs. Buckner before loading on the day of departure.** Students may not keep their own medicines in their rooms. If desired, sign the attached Non-Prescription Medicine form for dispensing of certain non-prescription medications.

Flight Information: (Will work this out when we know for certain we have an invitation)

What to Bring on Trip:

Snacks & Water: Students are encouraged to bring non-perishable snack foods and water to the competition – as snacks will be expensive at the competition. It should be easy to put water and a few snacks into their backpacks each day. We will be there ALL DAY long. We will send snacks with Mr. Scott in the trailer so **we will need these by Saturday, April 12th.**

Clothes: Be sure and pack TEAM SHIRTS! These should be worn Wednesday, Thursday, Friday and Saturday. Also, **MASKS** will be required inside the convention center, so bring plenty, they will not be providing them. Also make sure you have **Comfortable, CLOSE-TOED SHOES and BRING**

YOUR SAFETY GLASSES (If you have them at home) I also suggest you bring an umbrella or a rain jacket...just in case!

Behavior: (Please review these with your parents) Remember you are representing ORHS, the Secret City Wildbots and FIRST! No students leaving our lodging or convention premises without permission from Mr. Scott, Dr. Buckner, or Mrs. Buckner. No students leaving their rooms after curfew without mentor permission. No girls in boys' rooms and no boys in girls' rooms! Anyone breaking this rule will be sent home immediately! NO EXCEPTIONS! Anyone out of his or her room will be sent home the next morning at your own expense. NO EXCEPTIONS!

PARENTS**FYI:** Go to <https://www.twitch.tv/firstinspires> This should be working Wednesday (practice matches) and Thursday & Friday (Qualification Matches) and Saturday. When we get our division and match schedules, we will post it on Slack and on Twitter! We hope you will watch our matches!****

Secret City Wildbots 2025 Houston (TENTATIVE) Itinerary (4/15/24 – 4/20/24)

Tuesday, April 15, 2025

5:30 am – Leave Oak Ridge High School
7:00 am – Arrive Nashville International Airport
8:30 am – Leave Nashville for Houston on Southwest Airlines
10:40 am – Arrive Houston IAH Airport
11:15 am – Head to Johnson Space Center for Tour
1:00 pm – Tour Johnson Space Center
5:00 pm – Leave Johnson Space Center for dinner
8:00 pm – Arrive at Airbnb

Wednesday April 16, 2025

9:30 am – Arrive George R. Brown Convention Center for Unloading at 10:00 am
12:00 pm – Hall of Fame Ceremony on Turing Field
2:00 pm – Field Measurements for teams & Pits Open for teams
3:00 pm – Safety Captains Meeting – Turing Field
4:00 pm – Driver's Meeting on Galileo Field
4:00 pm – Check in to VRBO & Cook Dinner (some of team)
5:00 – 7:00 pm – Practice Matches
7:30 pm – Leave Convention Center for Airbnb & Eat Dinner
10:00 pm – Lights Out

Thursday April 17, 2025

6:30 am – Head to Convention Center – Pits Open
7:00 am – Pits Open
7:30 am – Robot Sensor Calibration on fields
8:30 am – Qualification Matches start
11:00 am -1:30 pm – Staggered Lunch Breaks (each field 1 ½ hours)
6:30 pm – Pits and Machine Shops Close
7:00 pm – Dinner at Airbnb

Friday, April 18, 2025

6:30 am – Head to Convention Center – Pits Open
7:00 am – Pits Open
8:00 am – Qualification Matches begin
11:00 am -1:30 pm – Staggered Lunch Breaks (each field 1 ½ hours)
5:00 pm – Division Award Ceremonies
6:00 pm – Pits and Machine Shops Close
7:00 pm – Dinner at Airbnb

Saturday, April 19, 2025

6:30 am – Head to Convention Center
7:00 am – Pits Open & Chairman's Finalists & Alliance Selections
8:30 am – 11:30 am – Division Playoffs
8:30 am – 11:30 4:00 pm – Load Out
11:30 am – 1:30 pm – Lunch Break
1:30 pm – 2:15 pm Closing Celebration
2:00 pm – Pits Close
2:15 – 5:30 pm Event Finale, Einstein Round Robin & Final Matches
7:00 pm – Dinner Celebration at Airbnb

Sunday, April 20, 2025

8:30 am – Breakfast and Pack Vans for Airport

10:00 am – Leave for Houston IAH Airport to drop Vans

1:05 pm – Depart Houston on Southwest Airlines

2:55 pm – Arrive Nashville

5:00 pm – Stop for Dinner enroute

8:00 pm – Arrive in Oak Ridge

Anderson County Multi-Jurisdictional Hazard Mitigation Plan



November 5, 2021

Prepared By:

**Anderson County Hazard Mitigation Committee
Anderson County Emergency Management**

Assistance Provided By:

**Tennessee Emergency Management Agency
*as part of the Tennessee Mitigation Initiative***

Executive Summary

Over the past two decades, hazard mitigation has gained increased national attention due to the large number of natural disasters that have occurred throughout the U.S. and the rapid rise in costs associated with those disaster recoveries. It has become apparent that money spent mitigating potential impacts of a disaster event can result in substantial savings of life and property. With these benefit cost ratios being extremely advantageous, the Disaster Mitigation Act of 2000 was developed as U.S. Federal legislation that reinforces the importance of pre-disaster mitigation planning by calling for local governments to develop mitigation plans (*44 CFR 201*).

The purpose of a local hazard mitigation plan is to identify the community's notable risks and specific vulnerabilities, and then to create/implement corresponding mitigation projects to address those areas of concern. This methodology helps reduce human, environmental, and economical costs from natural and man-made hazards through the creation of long-term mitigation initiatives.

The advantages of developing a local hazard mitigation plan are numerous including improved post-disaster decision making, education on mitigation approaches, an organizational method for prioritizing mitigation projects, etc. It has been noted that communities who successfully complete and maintain a mitigation plan receive larger amounts of Federal and State funding to be used on mitigation projects, and receive these funds faster, than communities who do not have a plan. Such funding sources that the plan caters to are Pre-Disaster Mitigation, Flood Mitigation Assistance, and Hazard Mitigation Grant Programs.

The 2021 update of the Anderson County Multi-Jurisdictional Hazard Mitigation Plan was created to act as a well-thought-out guide to be used by, and for, the people of Anderson County. For this plan to be successful, the following jurisdictions participated in the drafting and preparation of the plan update. The City of Oliver Springs did not participate.

- Anderson County (unincorporated)
- City of Clinton
- City of Norris
- City of Oak Ridge
- City of Rocky Top

In reference to federal code title *44 CFR 201*, the plan is required to be submitted to both TEMA (State) and FEMA (Federal) for review to be approved. When the plan is deemed "approval pending adoption" by FEMA (*44 CFR 201.6(c)5*), each of the participating jurisdictions will adopt the plan through a local resolution.

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Section 1: Planning Process

Planning Process Update

The last Anderson County Multi-Jurisdictional Hazard Mitigation Plan was approved by FEMA on July 28, 2017. Per federal requirements stated in *44 CFR 201*, all local hazard mitigation plans are required to go through a FEMA update review every 5 years to remain eligible for hazard mitigation grants. This update methodology was developed to assure that local governments are continuing to re-evaluate their risks and to regularly implement mitigation projects that can reduce community vulnerabilities.

The plan's five-year update process took place at a meeting on September 21, 2021 with Anderson County, City of Clinton, City of Norris, City of Oak Ridge, City of Rocky Top and the Tennessee Emergency Management Agency (TEMA) ([See Appendix 1 and 2](#)). An additional one on one meeting was held with the City of Clinton on September 30, 2021 at 3:45 p.m. Representatives included individuals from fire/rescue, EMS, law enforcement, elected officials, utilities and emergency management. Emails were exchanged prior and post meeting to ensure completion of the needed information and communication. The Program Manager for Anderson County Emergency Management was designated as the person who would be leading staff and interested persons in updating the mitigation plan. The tasks undertaken at the meeting by the Anderson County Hazard Mitigation Committee consisted of continuing to get agencies and the public involved in the county's mitigation efforts, performing the required 5-year plan update, and soliciting for new mitigation actions/projects to be added to the plan. TEMA provided requested technical assistance at the beginning of the update process by presenting successful strategies that have been used in updating hazard mitigation plans, facilitating the meeting, and guiding the committee on planning requirements; (a service established as part of the Tennessee Mitigation Initiative). Additional activities during the meeting included reviewing past incidents, disasters, and data to gain a complete understanding of the hazards faced by Anderson County and all jurisdictions within. The committee proceeded to rate each hazard to evaluate risk. This rating of each hazard is incorporated into the plan under Risk Assessment. The mitigation goals were established and reviewed. Emails were exchanged to ensure appropriate documentation of desired projects along with completing the rating of each project.

Prior to these meetings, the Anderson County Emergency Management Program Manager began reorganizing the county-wide hazard mitigation committee. Realizing that a successful mitigation committee includes a number of representatives, specialists, and individuals who can give valuable/unique insights that local emergency management staff may not have considered; invites to be a part of this plan update included open invitation to elected officials, county and city staff, representatives of the jurisdictions, neighboring counties, local businesses, state agencies, private organizations, academia, non-profits, and other noticeable persons. These invites included email, and phone contact by the Anderson County Emergency Management Program Manager and the Tennessee Emergency Management Agency.

Within this plan update, the participating jurisdictions are outlined in the Executive Summary. The Anderson County Hazard Mitigation Committee for the plan update consists of the following members:

Member	Representation
Karen Ooten (Committee Chair)	Program Manager, Anderson County EMA
Gary Long	Road Superintendent, Anderson County Highway Department
Marty Blackburn	Corporal, Anderson County Sheriff
Steve Payne	Director, Anderson County EMA
Scott Thomas	Deputy Director, Anderson County EMS
BJ Boyd	Emergency Management Contractor, Oak Ridge Fire Department
Jody Durham	Assistant Chief, Oak Ridge Fire Department
Stephanie Fox	Chief, Marlow Volunteer Fire Department
Mike Poole	Police Chief, Norris Police Department
Ambrea Peters	Chief, Andersonville Volunteer Fire Department
James Shetterly	Police Chief, Rocky Top Police Department
Robert Sexton	Chief, Anderson County Sheriff's Office
Todd Loggins	Director of Engineering & Operations, Clinton Utilities Board
Bill Riggs	Senior Staff Advisor, City of Clinton
Josh Garner	District Coordinator, Tennessee Emergency Management Agency
Michelle Klein	Regional Planner, Tennessee Emergency Management Agency

The Anderson County Hazard Mitigation Committee continues to be the county's lead in all mitigation efforts and in the development of the county's mitigation plan. The committee member's efforts in the plan update were broken down into five stages: **1)** analysis of the 2017 plan **2)** updating of the plan, **3)** public participation, **4)** review of the final updated plan, and **5)** adoption of the plan.

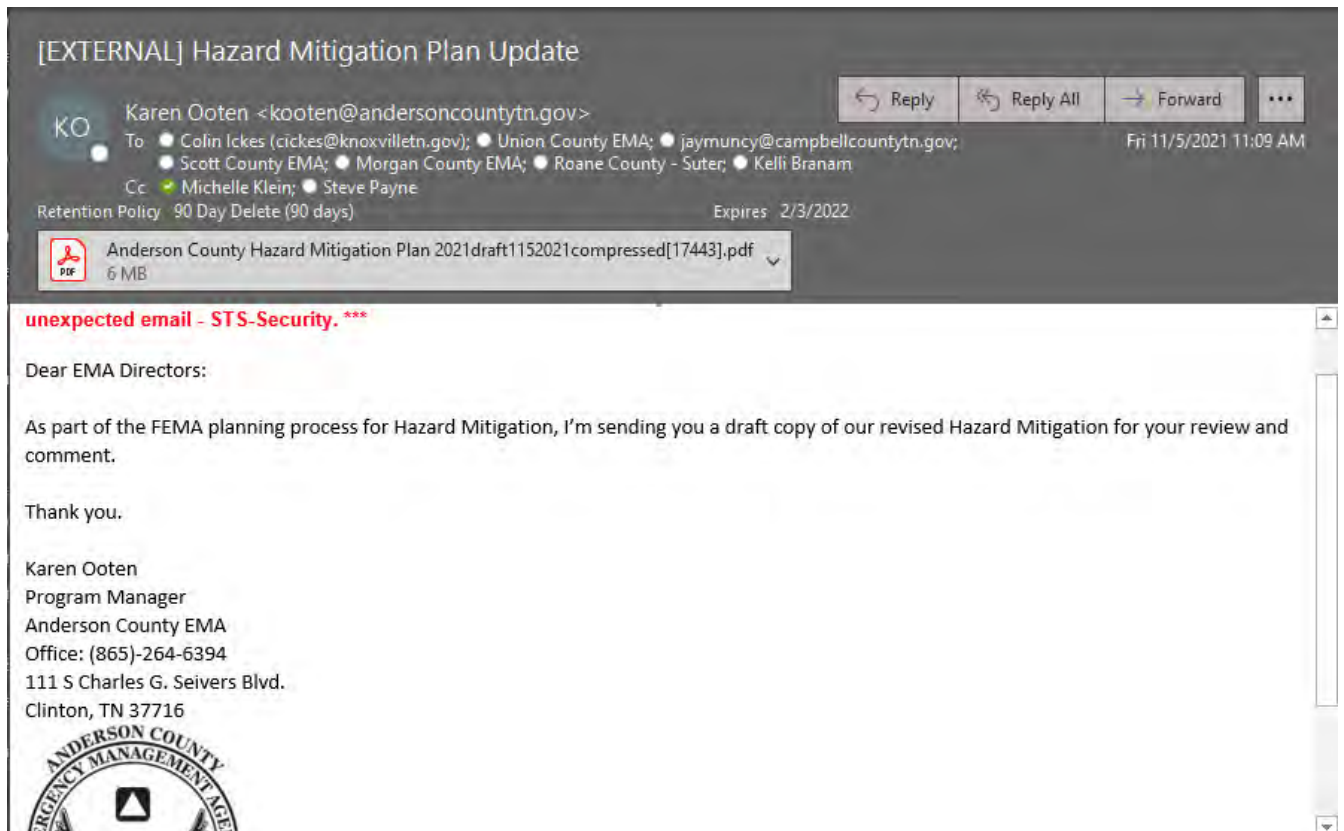
Stage 1: During the analysis of the plan, Anderson County Emergency Management, with assistance from TEMA, reviewed the original county plan and made notes on what sections would require the main updates. Anderson County Emergency Management suggested that the two core areas for needed updates were in the risk/vulnerability assessment and in the restructuring of the county's listed hazard mitigation projects. Additionally, a review of the hazards listed in the 2017 plan occurred. An intense discussion occurred to determine its best to focus on the top tier hazards for financial and planning purposes instead of focusing on every possible hazard that Anderson County, and all jurisdictions within, could face. Within this updated plan are now Hazards of Prime Concern.

Stage 2: From there the committee started making the updates to the plan. Tasks included soliciting for new mitigation projects to be added to the plan and examining the status of mitigation projects listed in the 2017 plan.

Stage 3: To encourage public involvement, the Anderson County Hazard Mitigation Committee advertised the committee meeting for September 21, 2021 in the local newspaper. This notice presents the purpose of the meeting, the time and date of the meeting, how to access the meeting, and stated that all are invited to attend. This meeting provided a great opportunity for the public to comment on the plan during the update drafting stage, to contribute in project proposals, and to participate in project reprioritization. [Appendix 1](#) provides a copy of the meeting's attendance sheet and [Appendix 2](#) presents a copy of the public notice for the meeting. No members of the public attended.

Stage 4: Next the committee evaluated the written updates of the plan against FEMA's crosswalk requirements via email correspondence. This also included having the jurisdictions review the drafts that specifically addressed aspects of their jurisdiction before the plan is sent to FEMA for review.

The Anderson County Emergency Management Program Manager sent a request to the surrounding Counties to provide opportunity for review and comment. The below is a screenshot of that request. These Counties are Campbell, Scott, Morgan, Roane, Loudon, Union and Knox.



Stage 5: Upon receiving the “Approval Pending Adoption” designation from FEMA’s review, adoption/resolution will be obtained for each participating jurisdiction.

Review of Existing Information

A preliminary review of existing plans, reports, and information was conducted during the initial phase of creating the Anderson County Multi-Jurisdictional Hazard Mitigation Plan. The primary purpose of reviewing this information was to identifying local hazards, recognizing local risks, and understanding different local vulnerabilities. The following list of sources identifies some of the existing studies that were reviewed:

- Anderson County Multi-Jurisdictional Hazard Mitigation Plan, 2017
- Anderson County Emergency Operations Plan
- State of Tennessee Hazard Mitigation Plan
- Tennessee Emergency Management Plan

All the listed plans, studies, and data sources were incorporated into the Anderson County Multi-Jurisdictional Hazard Mitigation Plan. These sources developed the plan’s hazard, risk, and vulnerability assessment sections that in return led to the establishment of meaningful mitigation projects (aka: actions).

Updates within the Plan

It is important to note that this countywide plan was entirely reorganized and updated head-to-toe from the original Anderson County Multi-Jurisdictional Hazard Mitigation Plan. Anderson County reviewed and analyzed each section of the original plan and made updates in the following ways:

Section 1: Planning Process

Anderson County updated the original plan’s description of the planning process to include the new or no longer participating committee members, updated the plan’s description of the most recent countywide mitigation meeting that took place in 2021, and documented the last opportunities for the public to get involved. Anderson County also reviewed the list of existing documents from the 2017 plan and updated accordingly.

Section 2: County Profile

Anderson County created a new development trends section in this plan update.

Section 3: Risk Assessment

The committee reviewed their hazards from the 2017 plan and decided to focus more on hazards of prime concern. This shift was made to allow for more meaningful mitigation actions/projects. These hazards include: Flooding, Severe Storms (Wind, Tornado), Winter Weather, Wildfire, and Landslides.

As part of the plan update, Anderson County updated their previous occurrence hazard listings going back to 1950, except for Wildfires, allowing for re-evaluation of each hazard’s extent, probability, and potential impacts. The source for this data was NOAA’s National

Centers for Environmental Information, Storm Events Database (NCDC), and TN Forestry Division. In some NCDC instances, this data did not go back to 1950 but all documented events from the NCDC are included. The county then decided to use a different method for determining vulnerabilities/risks because this new method was considered superior to the older plan's method. Also, the plan now has a HAZUS-flood model study and simplified countywide floodplain maps (as seen in the plan's appendices).

Section 4: Mitigation Strategy

Anderson County, and all jurisdictions within, changed their mitigation goals from the 2017 plan to allow for a broader focus and the likely shift in priorities as the 5 years progress. Additionally, Anderson County, and all jurisdictions within, has utilized a new method for prioritizing mitigation projects, (thought to be superior to the previous method). Anderson County, and all jurisdictions within, brainstormed many new mitigation projects that were added to the list, used a new chart method to profile project details, and developed a system to describe where their previous plan's projects are in terms of being implemented.

Section 5: Plan Maintenance

Anderson County, and all jurisdictions within, updated how they would work with the other jurisdictions in monitoring, evaluating, and updating the plan, provided an updated list of mechanisms they could incorporate mitigation, stated that Anderson County Basic Emergency Operations Plan has mitigation concepts incorporated within it, and updated how all the jurisdictions would keep the public involved in updating processes.

Section 2: County Profile

Development Trends

Anderson County was formed from portions of Knox and Grainger County in 1801. It was named for Joseph Anderson, a U.S. Senator from Tennessee. During the Second World War, the federal government founded Oak Ridge as one of the Manhattan Project's primary research sites. The location was selected for a number of reasons, including its relatively low incidence of natural disasters and access to fresh water and infrastructure. The influx of government employees and funding brought Anderson County and Oak Ridge from a roughly 20,000 inhabitants to a peak of 84,000 before the war's end.

The construction of Norris Dam, the first dam built by the Tennessee Valley Authority, brought major changes to the county in the 1930s. Approximately 2900 families were relocated from reservoir lands in Anderson and nearby counties during the construction, which began in 1933 and was completed in 1936. The City of Norris was initially built as a planned community to house the workers involved in the construction of this dam. As a result of the dam completion and operation, the temperature of the downstream Clinch River bed changed, so that a former pearl industry which had been successful for many years evaporated as the mussels, once prevalent in the river, were not able to sustain life in the changed climate.

According to the U.S. Census Bureau, the county has a total area of 345 square miles, of which 337 square miles is land and 7.6 square miles (2.2%) is water.

Anderson County has a thriving tourism industry, thanks to major attractions such as Norris Lake, the Museum of Appalachia, and American Museum of Science and Energy, and the county is considered a part of the Norris Highlands.

Anderson County does not allow construction within its FEMA designated floodplains without a floodplain construction certificate. The certificate requires any structure to be raised to a BFE. Increased growth will not increase Anderson County or its jurisdiction's vulnerability to flooding due to the enforcement of the certificates.

Population

Population estimates is as follows:

Anderson County: 76,978 (2019); 75,082 (2010)

City of Clinton: 10,075 (2019); 9,760 (2010)

City of Norris: 1,469 (2019); 1,491 (2010)

City of Oak Ridge: 29,156 (2019); 29,328 (2010)

City of Rocky Top: 1,767 (2019); 1,781 (2010)

Future growth

The committee was asked to provide feedback and information on future trends. The specific question asked was, “List the areas in your jurisdiction (region, subdivision, etc.) that have experienced growth in the past 10 years or are anticipated to have significant growth in the near future, as well as any potential complications from natural hazards due to the development.”

The committee’s answers are as follows. For Industrial Growth: “Last 10 years: Carden Farm Industrial Park, Eagle Bend Industrial Park, I-75 Industrial Park & David Jones Industrial Park. Future Growth: currently working on an additional 30 acres to the David Jones Industrial Park; possibly adding more acreage to the other 3 industrial parks as well.” For Commercial Growth: “In the area of the industrial parks mentioned in Industrial Growth.” For Residential Growth: “We’ve had moderate growth in the eastern area of Anderson County as well as the southern area in the area between US highway 25 and the Bull Run. The Marlow area has had modest growth as well as the area around Rocky Top. There is also a large subdivision currently being developed in the Sinking Springs area between the I-75 exit and Clinton. This subdivision is estimated to have 140 building parcels. This development should start building houses within the next twelve months. From our perspective there are some drainage issues along the state route 61 corridor between Anderson County, High School, and the river traveling west. We’re not sure the new subdivision going in at the Sinking Springs will impact this or not. We really don’t think so because it should drain to Hinds Creek.”

Resource Capabilities

	YES	NO
Does your jurisdiction enforce building code ordinances?	X	
Does your jurisdiction enforce zoning code ordinances?	X	
Is your jurisdiction a member of the National Flood Insurance Program?	X	
Does your jurisdiction have the following resources in place?		
Law enforcement	X	
Full-time fire services		X
Grant writer		X
Public information officer	X	

Expanding & Improving Mitigation Programs

The committee was asked, “What mitigation actions has your jurisdiction accomplished in the past 5 years, to include with both local (building/zoning codes, incorporating mitigation into existing planning) and external (grants such as mitigation, CDBG, USDA, etc.) funding?”

The most recent completed CDBG Waterline project effected Strong Hollow Road, Twin Oaks Rd., and the Miller Hollow Rd. area. Also, Humphrey Cemetery Circle, Mill Creek Rd., McAfee Ln., and Ridge Circle Rd.

1. Elza Drive Business District – Sewer Improvements – TN-17665 – 2013 award date; 2015 completion date.
 - \$400,000.00 Total Cost; \$200,000 ARC; \$200,000 Local

- The project entails an extension of existing 8-inch sewer serving the Army Reserve facility along State Route 95. With a bore of State Route 95, a 3-inch force main can be extended along the south side of Elza Drive to serve the existing business area. The force main will remain on the north side of Elza Drive until Elza Drive intersects State Route 95. The force main will then bore State Route 95 and turn east until it crosses SR 61 near a Marathon Oil Station. A total of 14 businesses and 4 residences will be served by the proposed sewer improvements.
2. Claxton Business District Improvements – Sewer Improvements – TN-17157 – 2011 award date; 2012 completion date.
 - \$1,00,000.00 Total Cost; \$500,000 ARC; \$500,000 Local
 - In order to provide sewer to the Claxton business area, the existing 8” sewer serving the Greenview Village development must be extended. The extension of approximately 1,400 liner foot of sewer line will be utilized in the project construction; with a bore of Edgemoor Road, sewer can be extended along the north side of Edgemoor Road to serve the existing business area. Two businesses on the south side of Edgemoor Road can be reached by boring the road and connecting to the gravity sewer. A total of thirteen (13) businesses will be served by the sewer improvements. Project will be located in road right-of-way.
 3. Phase I Claxton Sewer Line Extension – # 11355; 2011 Award date; 2012 Completion date.
 - \$566,542 Total Cost; \$491,781 CDBG; \$74,761 Local
 - The project involved running sewer along Raccoon Valley Road, Gadson Chapel Lane, Gadsontown Land and Thomas Lane.
 4. North Anderson Waterline Extension – # 45442 - 2015 Award Date; 2017 completion date
 - \$610,465 Total Cost; \$525,000 CDBG; \$85,465 Local
 - Waterline extension on Twin oaks Road, Strong Hollow Lane, Miller Hollow Lane, McAfee Land, Ridge Circle Road, Mill Creek Road And Humphrey Cemetery Circle.
 5. North Anderson Waterline Extension – # 14049 - 2019 Award Date; Completion date to be decided.
 - \$630,370.00 Total Cost; \$523,207.00 CDBG; \$107,163.00 Local
 - Waterline extension on Buchanan Lane, Savage Garden Road, Foust Lane, Collins Gap Road, Judson Road and Hinds Creek Road.

Section 3: Risk Assessment

Hazard Identification

To begin to assess Anderson County, and all jurisdictions within, risk to natural hazards and identify the community’s areas of highest vulnerability, the mitigation committee had to identify which hazards have or could impact the county. This hazard identification process began with researching previous hazard events that have occurred in Anderson County by going through newspaper articles, Anderson County Emergency Management records, the 2017 Anderson County Hazard Mitigation Plan, National Weather Service data and recalling personal experiences. From there Emergency Management staff also analyzed hazard events that could occur in the county by reviewing scientific studies and the State of Tennessee Hazard Mitigation Plan. The following hazards have been identified as hazards of prime concern by the Anderson County Hazard Mitigation Committee. There is a change in focus from the 2017 plan to the 2021 plan to allow for balancing of priorities. The 2017 plan risk assessment was too overwhelming to allow for identification of the prime hazards. By focusing on hazards that are a top priority for the committee, it allowed for better committee discussion and awareness. In some cases, sources of data are restricted to the State of Tennessee Hazard Mitigation Plan and state agencies to ensure continuity of reporting into future years. Consideration has been paid to local needs, input and sensitivities to ensure state and federal input doesn’t influence the needs or desires, as deemed appropriate by the committee, of this local plan.

Flooding

Flooding events occur when excess water from rivers and other bodies of water overflow onto riverbanks and adjacent floodplains. In addition, lower lying regions can collect water from rainfall and poorly drained land can accumulate rainfall through ponding on the surface. Floods in Anderson County are usually caused by rainfall but may also be caused by snowmelt and man-made incidents. The below charts explain common ways flooding occurs and common factors that contribute toward the severity of floods.

Common Ways Flooding Occurs	
Methods	Description
Overland Flow (a) Infiltration (b) Saturation	-Excess overland flow occurs when the rain is falling more rapidly than it infiltrates into the soil. -Excess overland flow occurs when soil spaces are so full of water that no more rain can be absorbed.
Throughflow	-Rainwater which has infiltrated into unsaturated soil can move horizontally to the river channel. This process is slower than overland flow but faster than baseflow.
Baseflow	-Rainwater which has percolated to the aquifer can seep into the river channel. This is the slowest process.

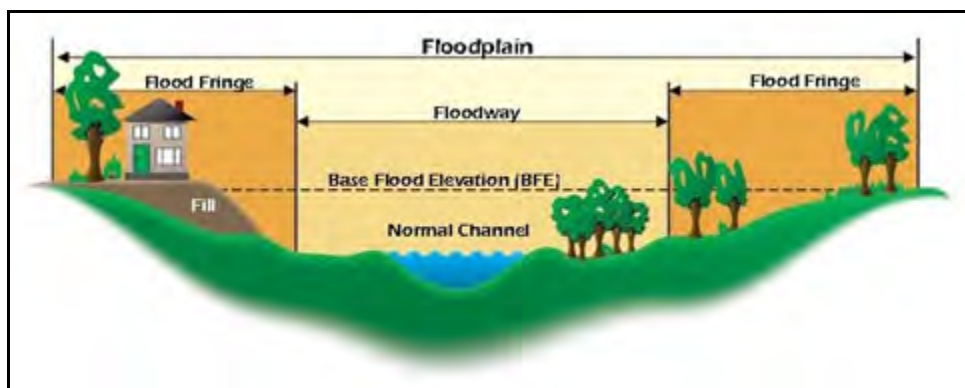
Source: The Field Studies Council

Common Causes of Flooding	
Factor	Effect on Flooding
Geology	Impermeable rocks are saturated more quickly than porous and pervious rocks. Saturation-excess overland flow is more common. Sandy soils have larger pore spaces than clay soils. Infiltration is most rapid in sandy soils.
Relief	Water reaches the channel more rapidly in a steeper basin as water is travelling more quickly downhill.
Vegetation	Vegetation intercepts a large proportion of rainfall. Where trees are deciduous, discharge is higher in a forested basin in winter as there is less interception.
Meteorological Factors	Where rain is falling faster than the infiltration rate there is infiltration-excess overland flow. This is common after a summer storm. Snow does not reach the channel but is stored on the ground surface. As snow melts, the meltwater will reach the channel quickly as infiltration is impeded if the ground is still frozen.
Catchment Shape	It takes less time for water to reach the channel in a circular basin as all extremities are roughly equidistant from the channel.
Land Use	Surface runoff is higher in urban areas because there are more urban surfaces (concrete & tarmac) and sewers take water rapidly to rivers. There is less interception and evapotranspiration and more surface runoff in a deforested catchment.
Catchment Size	Water reaches the channel more rapidly in a smaller basin as water has a shorter distance to travel.
Antecedent Conditions	The level of discharge before the storm is called the antecedent discharge. Even a small amount of rain can lead to flooding.

Source: The Field Studies Council

In Anderson County, some areas are more flood-prone than others. One of the ways of identifying these flood-prone areas is through determining the county's 100- and 500-year floodplains. 100-year floods are calculated to be the level of flood water expected to be equaled or exceeded every 100 years on average, meaning a flood that has a 1% chance of being equaled or exceeded in magnitude in any single year. A 500-year floodplain has a 0.2% chance. A 100-year floodplain would include the areas adjoining a stream, river, or watercourse that would be covered by water in the event of a 100-year flood (see diagram below).

Characteristics of a Floodplain



Source: FEMA

In Anderson County, all jurisdictions have 100-year floodplains located within their boundaries and all jurisdictions are susceptible to smaller localized flooding outside of the 100-year floodplains. Areas in the county known to flood more often include:

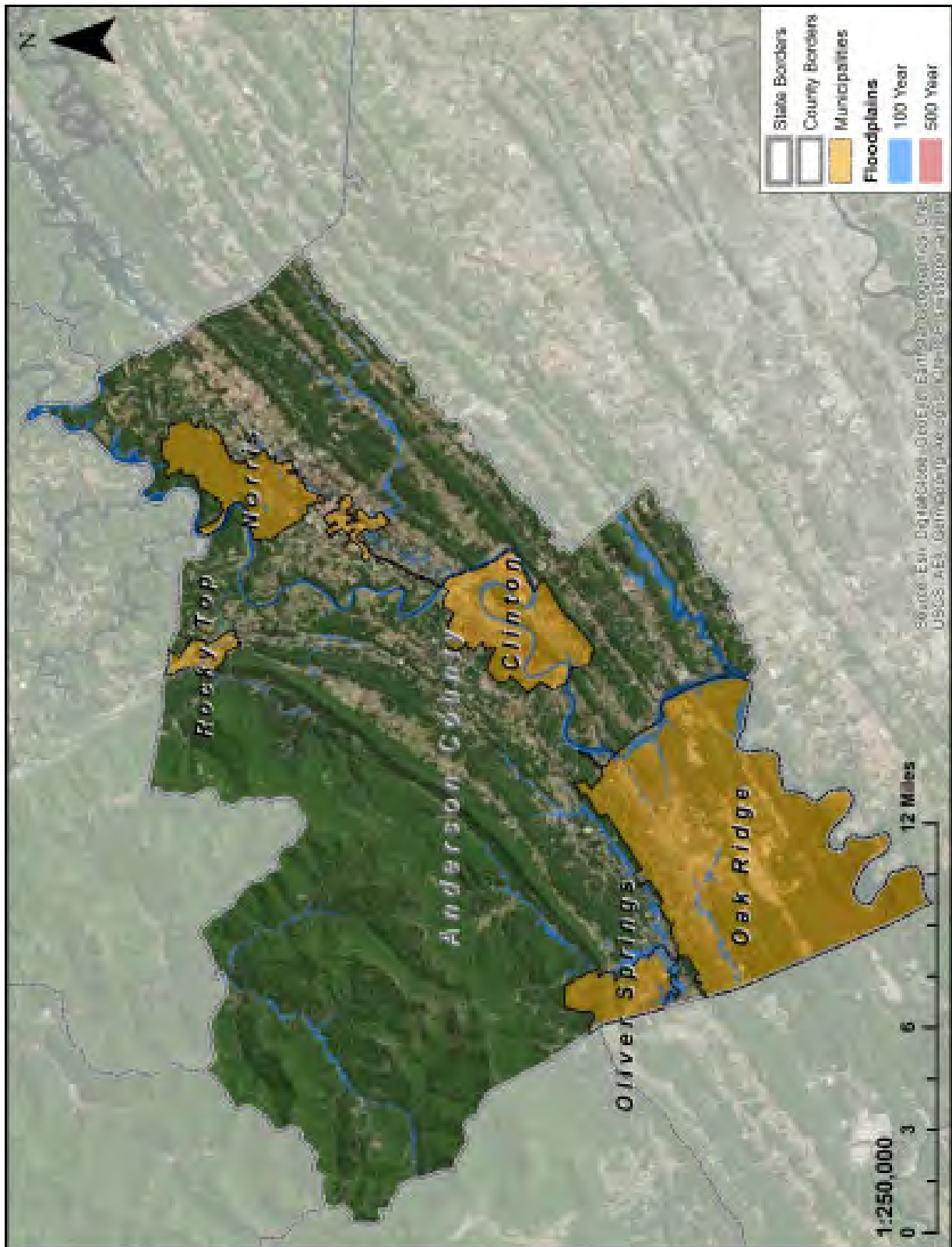
Airport Road
Tri-County Blvd

Midway Drive
Windrock Road
Bacon Springs Road
Lake City Hwy @ Pumphouse Lane
Lake City Hwy @ Granite Road
Granite Road
Cane Creek Road
Beets Valley Road
Bolin Road
Railroad Ave
Chestnut Ave
Hwy 441
Church Street @ Third St
Jacksboro Ave @ Community Center & Athletic Field
Offutt Road
Old Dutch Valley Road
Hwy 116 near Dump
Hwy 116 at Andy's Ridge Road
Beach Grove Road
Irwin Mill Road
Brooks Gap Road
Pumpkin Hollow
Sinking Springs Road
Hinds Creek Road
Mountain Road
Brushy Valley Road
Hillvale Road
Lambdin Road
Fox Hollow Lane
Sequoyah Marina Area Roads
Indian Gap Road
Mill Creek at Ridge Circle
Mill Creek at Old Boy Scout Road
Park Lane at Clear Springs Cemetery Rd
Huntington Lane at Andersonville Pike
Bloomfield Hills Mobile Home Park

Detailed Flood Insurance Rate Maps (FIRMs) are also included in [Appendix 3](#), which shows where FEMA has placed the 100-year and 500-year floodplains for each jurisdiction.

The next information graphic was brought forward from the 2017 Hazard Mitigation Plan illustrating Anderson County and its jurisdictions Floodplain areas. Anderson County and its participating jurisdictions have utility structures, municipal building, school buildings, and commercial and residential structures in floodplains. Flooding can cause minimal or complete

damage to any of these types of facilities taking them offline for days to years depending on the resources available after an event.



Anderson County, and all jurisdictions within, historically has had many flood events in the past. Based on NOAA NCDC data, the following charts provide a list of flood events occurring in Anderson County from 1950 to 2021 and a list of each flood's description of impacts imposed on the community. No flood was listed for Anderson County prior to 1996.

The following information was obtained by accessing the NOAA database.

<https://www.ncdc.noaa.gov/stormevents/>. This information represents all the events and extent of the Flooding hazard experienced by Anderson County, including the jurisdictions located within, and is the only source of data accessible. The information provided for Anderson County also applies to the school district due to the geographic distribution of the schools throughout the County.

Flood Events in Anderson County: 1950 to 2021

Location	Date	Event Type	Deaths	Injuries	Property Damage	Impact/Extent Description
Oak Ridge	6/13/1996	Flash Flood	0	0	2000	Nearly two inches of rainfall within thirty-five minutes causing roads to close due to flooding.
Clinton	7/13/1996	Flash Flood	0	0	0	Heavy rain from thunderstorms resulted in mud slides and flash flooding along highway 25W between Clinton and Lake City.
Countywide	3/3/1997	Flash Flood	0	0	0	Heavy rain training over the county caused widespread flooding. Several routes closed including Highway 116...Highway 441 and I-75 in the Lake City area...and Highway 330 around the community of Frost Bottom.
Clinton	6/19/1997	Flash Flood	0	0	0	Numerous city streets were closed due to water up to 2 feet deep. Also some county roadways were underwater.
Lake City	4/17/1998	Flash Flood	1	0	0	Driver drowned when her jeep was swept away in Hinds Creek when she attempted to driver family members to safety.
Clinton	4/18/1998	Flood	0	0	0	Water over roads on the west side of Clinton.
Countywide	4/19/1998	Flood	0	0	0	Several roads closed due to heavy rain.
Clinton	6/1/1998	Flood	0	0	0	Rockslide reported by Sheriff's office. Minor flooding on Clinton Highway, East Valley Road, Highway 61 and Buffalo Road.
Lake City	6/2/1998	Flood	0	0	500	Highway 25W flooded near Lake City. Car washed off road.
Countywide	7/11/1999	Flash Flood	0	0	0	Widespread showers and thunderstorms with heavy rain caused flooding problems throughout much of East Tennessee. In Cocke County, flooding occurred along Knoxville Highway west of Newport and in the fairgrounds. In Blount County, numerous streets and roads were closed. The Abrams Creek Campground in the Cades Cove area of the Great Smoky Mountains National Park was evacuated as a precautionary measure Sunday. The campground was reopened Monday. The bottom two apartments of Atchley Apartments in Maryville had 6 inches of water in them early Monday morning. In Knox County, many cars were stranded in flooded underpasses. In Bledsoe County, the Jack Branch Road bridge along Highway 30 on the Van Buren County line was washed out. Numerous incidents of minor flooding were reported around the remainder of the region. Water began to recede across the region by late afternoon/early evening Monday.
Oliver Springs	7/24/1999	Flood	0	0	0	2 feet of water washing large tree limbs and other debris across the 2400 block of Dutch Valley Road.
Countywide	4/4/2000	Flash Flood	0	0	0	Many roads washed out and closed.

Countywide	1/23/2002	Flash Flood	0	0	0	Prolonged heavy rain throughout the day resulted in numerous road closings across much of central East Tennessee.
Not provided	3/17/2002	Flood	0	0	0	Widespread flooding occurred across most of East Tennessee with the hardest hit counties in central East Tennessee including Bledsoe, Meigs, Roane, Rhea, Loudon, Blount, Knox, and Sevier Counties. Rainfall totals between five and eight inches were reported in 36 hours. Numerous major rivers flooded including the Clinch, Powell, Sequatchie, and Pigeon Rivers. Total damage estimates were calculated to be over 5 million dollars.
Countywide	3/18/2002	Flash Flood	0	0	0	Widespread flooding occurred across most of East Tennessee. Rainfall totals between five and eight inches were reported in 36 hours. Total damage estimates were calculated to be over 5 million dollars.
North Central Portion	5/26/2002	Flash Flood	0	0	6000	Residents were stranded in homes by flooding on lower Briceville road in northern portion of the county.
Not provided	2/14/2003	Flood	0	0	58000	Four day rainfall totals of two to eight inches fell across east Tennessee, with the highest amounts occurring across the Cumberland Plateau and adjacent valleys areas. This rainfall combined with a melting snowpack (reports of up to a foot in the higher elevations) to produce widespread flooding of rivers and streams with numerous mudslides also reported (one notable mudslide pushed an apartment complex off its foundation in Knox County). The Powell, Clinch and Holston rivers measured the most significant rises with Claiborne, Rhea and Knox counties reporting the most significant damage.
Countywide	2/15/2003	Flash Flood	0	0	0	Numerous roads reported closed by law enforcement due to high water with several reports of mud slides. One home had to be evacuated and one business on Clinton Highway was filled with water.
Not provided	2/21/2003	Flood	0	0	0	With the ground already saturated from the previous week's rainfall, three day rainfall totals of one to three inches created some flooding of streams and rivers as well as several mudslides across east Tennessee. Rivers which rose above their flood stages included the South Chickamauga, Clinch, Powell, Holston, Pigeon, French Broad and Sequatchie rivers.
Not provided	4/10/2003	Flood	0	0	0	Seven day rainfall totals (4th through the 10th) of three to five inches were reported across central east Tennessee and northeast Tennessee, with one to three inches occurring on the 10th. Several secondary roads across the area were flooded with several rivers experiencing some minor flooding including the Clinch, French Broad, Holston, Pigeon and Powell rivers.
Oak Ridge	6/23/2004	Flash Flood	0	0	0	Claxton Road, Old Emory Road, and Bewells Road were all flooded and closed.
Clinton	9/18/2009	Flash Flood	0	0	0	Isolated flash flooding occurred with a foot of water over area roads in the Clinton, Tennessee area. A mud slide occurred due to the flash flooding on Spring Street in Clinton, Tennessee and Johnson Gap and Granite roads were also closed due to flash flooding.

Oak Ridge Airport	9/26/2009	Flood	0	0	0	Heavy rainfall resulted in areal flooding from near Oak Ridge to Clinton, Tennessee. Several inches of water was reported to be over and flowing across low lying areas along highways 61, 95 and 10 in Anderson county.
Elza	6/24/2011	Flash Flood	0	0	10000	Law enforcement personnel reported heavy rain from thunderstorms caused water completely covering the road on Blockhouse Valley Road southwest of Clinton.
Clinton	3/1/2017	Flash Flood	0	0	0	Creek out of its banks on Gamble Farm.
Clinton	3/1/2017	Flash Flood	0	0	1000	Flooding reported at the Ponderosa Zoo.
Marlow	3/1/2017	Flash Flood	0	0	0	Flooding along Marlow Road.
Oak Ridge Airport	2/10/2018	Flood	0	0	0	Part of Airport Road closed by flooding.
Andersonville	2/6/2019	Flash Flood	0	0	3000	Cars flooded in Andersonville, as deep as halfway up the car doors.
Norris	2/23/2019	Flood	0	0	600000	Portion of Dairy Pond Road closed. All told, Emergency Management estimated about \$600,000 in flood damages across Anderson County from the overall event.

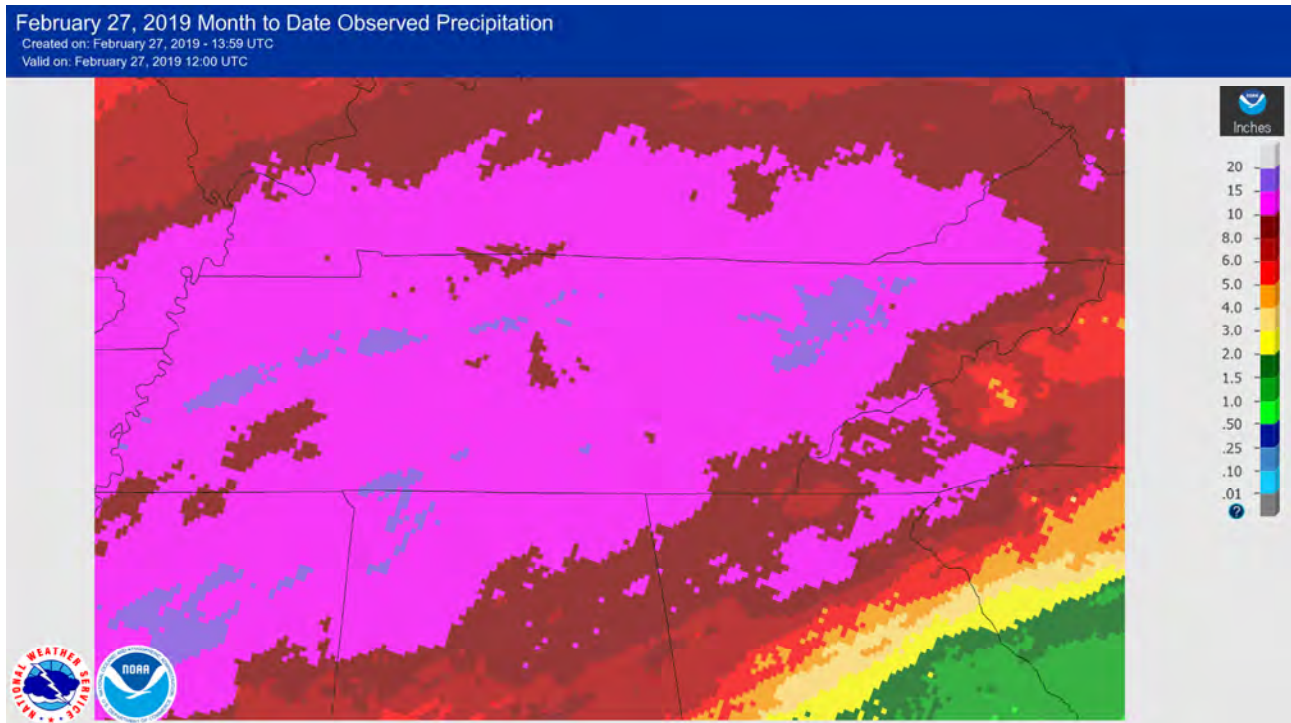
The committee shared their personal experiences of flooding events that have occurred in Anderson County, Clinton, Norris, Oak Ridge, and Rocky Top. The following is transcribed from their thoughts.

- Public Education on Turn Around, Don't Drown; residents continue to drive through flooded roadways.

Small, localized flood events are likely to occur at least two to three times every year in Anderson County. The severity of flooding that may occur in the county is measured by inches of rainfall and by feet of flooding. Based on previous occurrences, in a worst-case scenario it is possible for the extent of a flooding event to exceed 15 inches of rainfall. For example, in March 2002, an event caused over \$5 million in damages across East Tennessee.

As seen below, a stationary frontal boundary stalled over or near the Tennessee Valley for nearly a week in mid to late February 2019. Persistent southwest flow aloft brought copious amounts of Gulf of Mexico moisture northward and interacted with this boundary for many days, causing a prolonged period of heavy rain and flooding throughout Tennessee from Tuesday, February 19 through early Sunday, February 24. Due to the heavy rainfall that had already fallen earlier in the month, along with the already unusually wet winter season, widespread flash flooding and river flooding resulted, with dozens of water rescues being conducted and numerous homes and businesses flooded. Additionally, there were numerous reports of mudslides throughout the state impacting critical interstate travel. In addition, this heavy rainfall set new monthly rainfall records for the month of February at many locations including Nashville and Crossville, both of which saw over a foot of rain. By the end of the month, nearly the entire state of Tennessee had received between 10" and 20" of rain in February 2019. This event led to a Presidential Disaster Declaration (DR4427).

Tennessee February 2019 Flood - Precipitation for February 2019

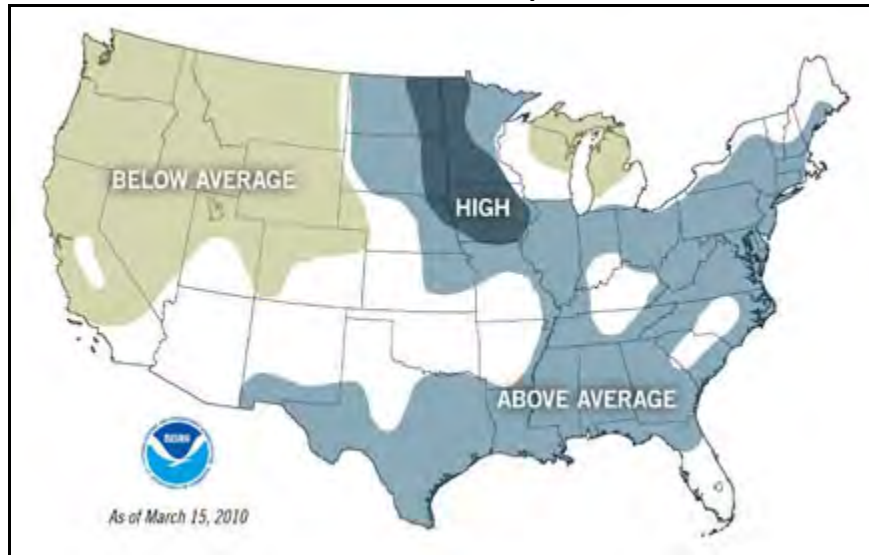


Source: National Weather Service

According to a NOAA Flood Risk Map (see map below), the majority of Tennessee was in an “above average” risk of flooding zone during spring 2010. This proposed vulnerability is coupled with the

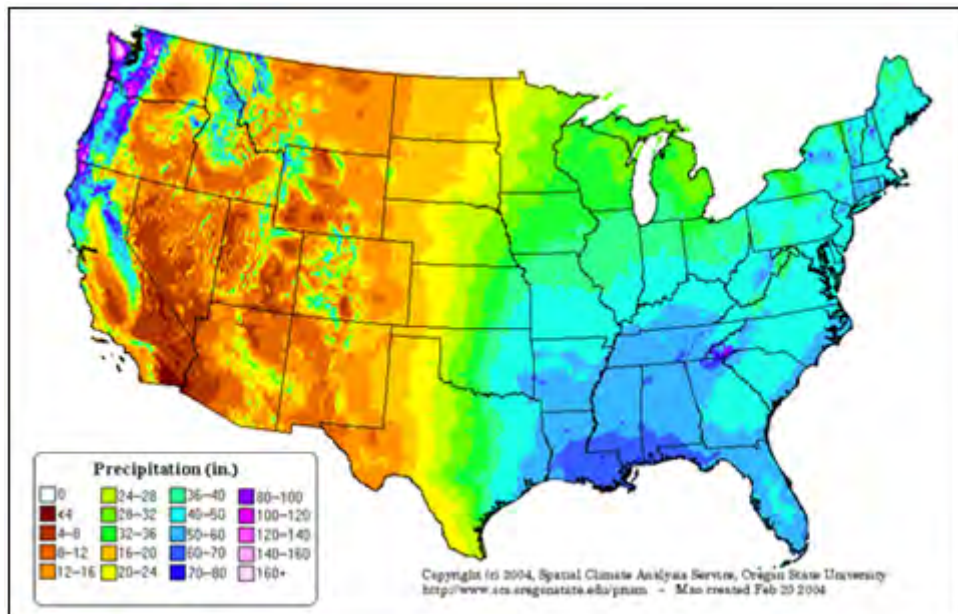
fact that on average Tennessee usually acquires over 50-60 inches of rainfall a year (see following map).

Flood Risk Map



Source: NOAA

Average Annual Precipitation per Year (1971-2000)



Source: Spatial Climate Analysis Service, Oregon State University

Anderson County uses a ranking system to determine each jurisdiction's vulnerability to flooding events. This system is based off simple arithmetic which analysis's potential impacts to determine vulnerabilities and then analysis's the probability of a flood event occurring to calculate a flood risk ranking for each jurisdiction.

Jurisdiction	Impacts			Vulnerability
	Human	Property	Business	H+P+B=#; #/3=V
Anderson County Unincorporated	4	3	1	2.67
City of Clinton	1	2	2	1.67
City of Norris	1	2	1	1.33
City of Oak Ridge	2	3	1	2.0
City of Rocky Top	2	3	1	2.0

Jurisdiction	Vulnerability	Probability	Risk V+P=R
Anderson County Unincorporated	2.67	5	7.67
City of Clinton	1.67	2	3.67
City of Norris	1.33	2	3.33
City of Oak Ridge	2.0	5	7.00
City of Rocky Top	2.0	5	7

Scale	
Low	2-3.6
Moderate	3.7-5.2
Medium	5.3-6.8
High	6.9-8.4
Severe	8.5-10

Human	
<i>Risk of injuries and deaths from the hazard</i>	
1	Death very unlikely, injuries are unlikely
2	Death unlikely, injuries are minimal
3	Death unlikely, injuries may be substantial
4	Death possible, injuries may be substantial
5	Deaths probable, injuries will likely be substantial

Property	
<i>Amount of residential property damage associated from the hazard</i>	
1	Less than \$500 in damages
2	\$500-\$10,000 in damages
3	\$10,000-\$500,000 in damages
4	\$500,000-\$2,000,000 in damages
5	More than \$2,000,000 in damages

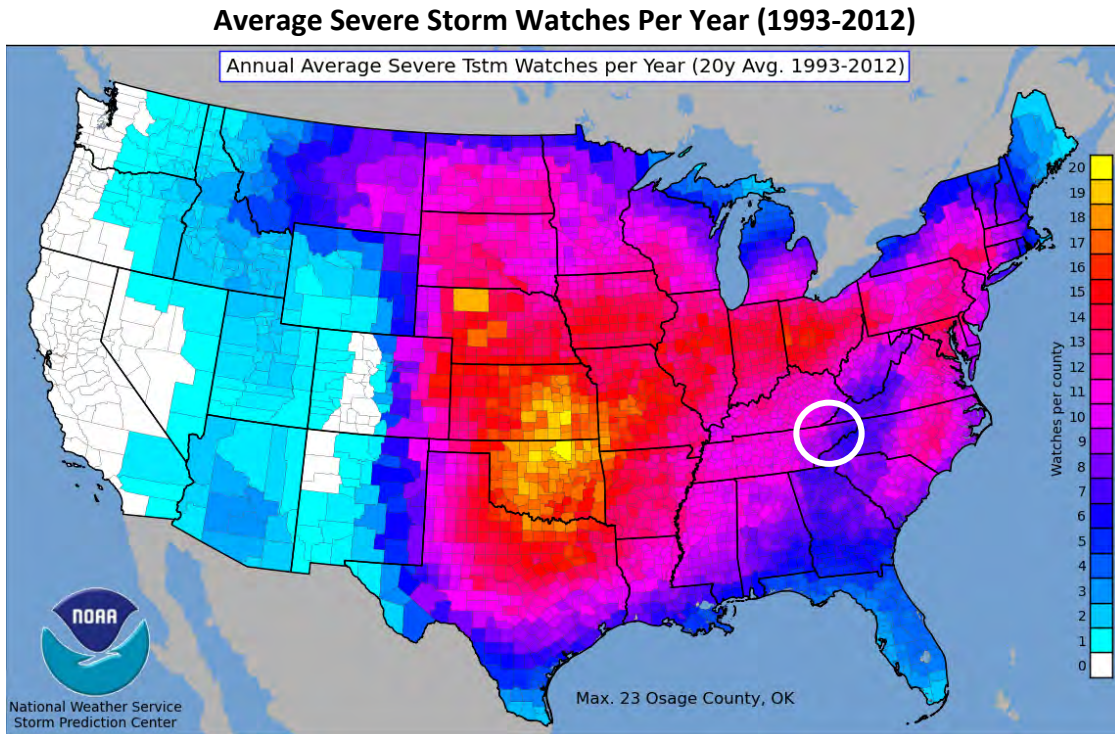
Business	
<i>Amount of business damage associated from the hazard</i>	
1	Less than 3 businesses closed for only a day
2	More than 3 businesses closed for a week
3	More than 3 businesses closed for a few months
4	More than 3 businesses closed indefinitely or relocated
5	A top-10 local employer closed indefinitely

Probability	
<i>Likelihood of the hazard occurring within a given span of years</i>	
1	Less than once every 10 years
2	About once every 5-10 years
3	About once every 2-5 years
4	About once a year
5	More than once a year

For further information about flooding hazards in Anderson County, see the HAZUS vulnerability study in [Appendix 4](#).

Tornadoes/Severe Storms

According to the National Weather Service, to consider a storm severe it must encompass one of three traits: produce winds greater than 58 miles per hour (50.4 knots), produce hail $\frac{3}{4}$ of an inch or greater in diameter, or produce tornadoes. On average, a typical county in Tennessee has about 5 to 10 severe storm watches per year (see map below).



Source: NOAA/NWS Storm Prediction Center

A tornado is a violently rotating column of air that extends from a thunderstorm, etc. down to the ground, and can reach wind speeds of 40 mph to 250 mph and higher. Tornadoes paths, lengths, and widths can vary greatly. In Anderson County, all jurisdictions are vulnerable to tornado threats. The following map places much of Tennessee in the highest wind zone (see following map).

Wind Zones in the United States



Source: FEMA

Anderson County historically has had a few tornados in the past. Based on NOAA NCD data, the following chart provides a list of tornado events occurring in Anderson County from 1950 to 2021 and a description of impacts. The largest tornado occurred in 2002 at an F2 with multiple homes damaged or destroyed.

The following information was obtained by accessing the NOAA database.

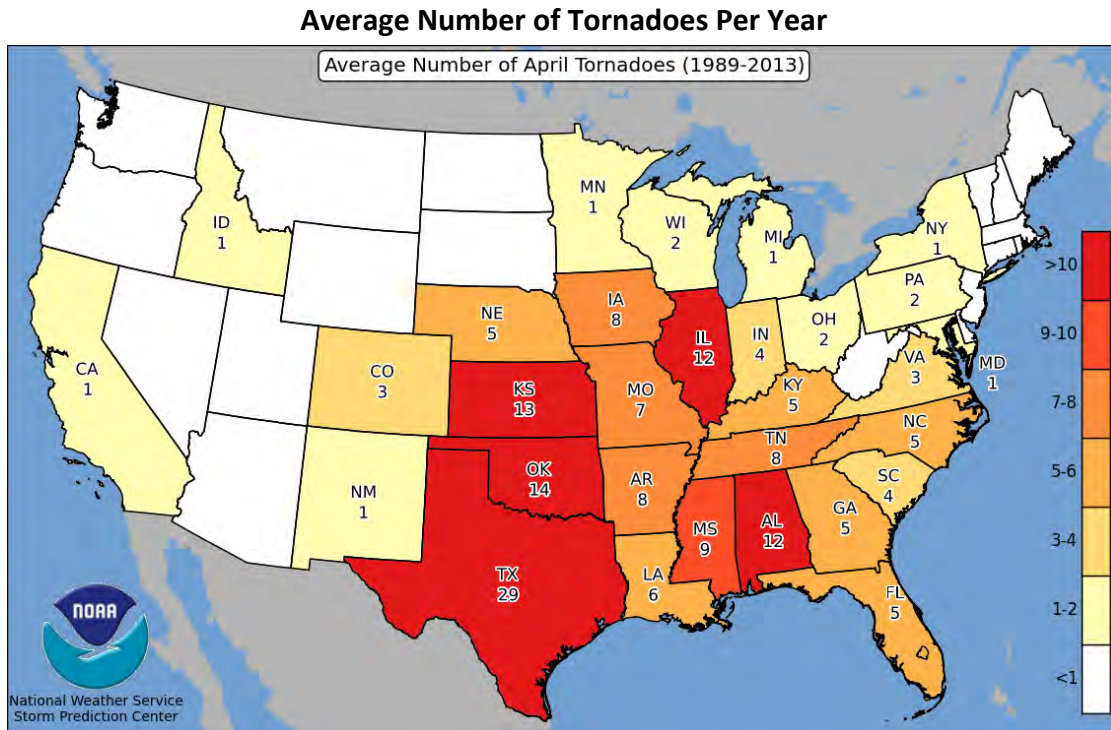
<https://www.ncdc.noaa.gov/stormevents/>. This information represents all the events and extent of the Tornado hazard experienced by Anderson County, including the jurisdictions located within, and is the only source of data accessible. The information provided for Anderson County also applies to the school district due to the geographic distribution of the schools throughout the County.

Tornado Events in Anderson County: 1950 to 2021

Location	Date	Extent	Deaths	Injuries	Property Damage	Impact/Extent Description
Not provided	5/2/1953	F2	0	0	2500	Not provided (NP)
Not provided	4/4/1974	F0	0	0	2500	Not provided
Oliver Springs	4/16/1998	NP	0	0	0	Public reported a funnel cloud at Norwood near Oliver Springs.
Lake City	11/10/2002	F2	0	0	213000	An F2 tornado produced a damage path 75 yards wide for a distance of 5.5 miles from near Briceville to Medford. The Medford community received the brunt of the damage, which was concentrated along Highway 25W, Leinart Road, Bryant Circle and Old and New Clear Branch roads. In all, 32 homes were damaged while 3 were totally destroyed. In addition, 9 mobile homes were damaged.
Oak Ridge	6/24/2011	EF1	0	0	50000	Scattered thunderstorms developed along a boundary during the evening hours and even continued into the overnight hours. Storm reports were varied and ranged from two tornadoes as well damaging thunderstorm wind. Flooding was also reported.

Based on previous occurrences, it's a rare occurrence for Anderson County, and the jurisdictions within, to experience a tornado due to five occurrences since 1950 with no death or injury recorded by the National Weather Service.

The following map may provide some idea for probability information.



The severity of tornadoes that may occur in the county is measured using the Enhanced Fujita Scale for tornadoes (see chart below). Based on tornado events in other East Tennessee counties, in a worst-case scenario it is possible for the extent of a tornado to exceed an EF4 ranking.

Fujita Scale/Enhanced Fujita Scale for Tornadoes

Fujita Scale/Enhanced Fujita Scale for Tornadoes				
F-Scale	Fastest Quarter Mile Wind Speed	Typical Impacts	Enhanced Scale: 3 Sec Wind Gust Speed	Enhanced F-Scale
F0	40-72 mph	Some damage to chimney; breaks branches off trees; pushes over shallow-rooted trees; damages sign boards.	65-85 mph	EF0
F1	73-112 mph	Peels surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads; attached garages may be destroyed.	86-110 mph	EF1
F2	113-157 mph	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light object missiles generated.	111-135 mph	EF2
F3	158-206 mph	Roof and some walls torn off well constructed houses; trains overturned; most trees in forest uprooted.	136-165 mph	EF3
F4	207-260 mph	Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and large missiles generated.	166-200 mph	EF4
F5	261-318 mph	Strong frame houses lifted off foundations and carried considerable distances to disintegrate; automobile sized missiles fly through the air in excess of 100 meters; trees debarked; steel reinforced concrete structures badly damaged.	Over 200 mph	EF5

Source: NOAA National Weather Service; The Tornado Project

Severe storm winds most commonly occur as straight-line winds; a downburst of wind created by an area of significantly rain-cooled air that spreads out in all directions after hitting the ground. All jurisdictions are vulnerable to receiving damage from these severe storm winds. Historically, severe storm wind events occur about four times a year in Anderson County. The severity of severe storm winds is commonly measured by wind speed (knots or mph). It is not unusual for Anderson County to experience winds speeds up to 100 knots (115 mph) causing structural damage, power outages and trees down as seen on May 7, 1999 in Claxton.

The following chart provides severe storm wind event information for Anderson County between 1950 and 2021. The following information was obtained by accessing the NOAA database. <https://www.ncdc.noaa.gov/stormevents/>. This information represents all the events and extent of the Severe Storm Wind hazard experienced by Anderson County, including the jurisdictions located within, and is the only source of data accessible. The information provided for Anderson County also applies to the school district due to the geographic distribution of the schools throughout the County.

Wind Events in Anderson County: 1950 to 2021

NP = not provided

Location	Date	Extent in Knots	Deaths	Injuries	Property Damage	Extent/Impact Description
Not provided	7/16/1956	NP	0	0	0	Not provided
Not provided	6/17/1957	NP	0	0	0	Not provided
Not provided	1/21/1959	NP	0	0	0	Not provided
Not provided	6/10/1963	NP	0	0	0	Not provided
Not provided	7/15/1966	63	0	0	0	Not provided
Not provided	6/22/1967	NP	0	0	0	Not provided
Not provided	4/13/1970	NP	0	0	0	Not provided
Not provided	7/13/1971	NP	0	0	0	Not provided
Not provided	5/23/1973	NP	0	0	0	Not provided
Not provided	4/19/1975	NP	0	0	0	Not provided
Not provided	2/18/1976	NP	0	0	0	Not provided
Not provided	3/30/1977	61	0	0	0	Not provided
Not provided	8/22/1979	NP	0	0	0	Not provided
Not provided	5/7/1984	NP	0	0	0	Not provided
Not provided	5/7/1984	NP	0	0	0	Not provided
Not provided	6/15/1984	NP	0	0	0	Not provided
Not provided	4/5/1985	NP	0	0	0	Not provided
Not provided	4/5/1985	NP	0	0	0	Not provided
Not provided	5/22/1986	NP	0	0	0	Not provided
Not provided	7/13/1986	NP	0	0	0	Not provided
Not provided	7/5/1987	NP	0	0	0	Not provided
Not provided	7/16/1988	NP	0	0	0	Not provided
Not provided	4/28/1990	NP	0	0	0	Not provided
Not provided	6/9/1990	NP	0	0	0	Not provided
Not provided	3/27/1991	NP	0	0	0	Not provided

Not provided	4/9/1991	NP	0	0	0	Not provided
Not provided	6/16/1991	NP	0	0	0	Not provided
Not provided	6/16/1991	NP	0	0	0	Not provided
Not provided	6/15/1992	NP	0	0	0	Not provided
Not provided	6/15/1992	NP	0	0	0	Not provided
Not provided	7/3/1992	NP	0	0	0	Not provided
Oak Ridge	1/24/1993	NP	0	0	500	Some trees fell on a few power lines.
Oak Ridge	6/9/1994	NP	0	0	5000	Several trees and power lines were knocked down.
Claxton	6/16/1994	NP	0	0	50000	Several trees, power lines and power poles were knocked down. A few of the trees went into some homes.
Norris	5/13/1995	NP	0	0	10000	Several trees were knocked down. One fallen tree damaged the deck of a house and a van.
Oak Ridge	5/14/1995	NP	0	0	5000	Some trees and power lines were knocked down.
Clinton	5/18/1995	NP	0	0	20000	The county courthouse was damaged. Many trees and power lines were blown down. One tree fell on a house.
Northern Anderson	6/10/1995	NP	0	0	2000	Some trees were knocked down.
Oak Ridge	6/11/1995	NP	0	0	30000	One outbuilding was blown down. One home had its garage roof ripped off. A large number of trees were blown down as well. Some of the fallen trees damaged nearby vehicles.
Clinton	7/14/1995	NP	0	0	10000	Some metal roofs were blown off. Several trees and power lines were knocked down as well.
Countywide	5/24/1996	NP	0	0	0	County dispatch reported trees down countywide.
Countywide	5/27/1996	NP	0	0	0	Numerous trees were downed across the county.
Oak Ridge	6/13/1996	NP	0	0	2000	Trees fell onto powerlines.
Andersonville	8/24/1996	NP	0	0	25000	Numerous trees and powerlines were knocked down countywide. A tree fell onto the Andersonville Elementary School damaging the roof.
Northeast Part	8/27/1996	NP	0	0	0	Powerlines were downed in the northeast part of the county.
Marlow	1/5/1997	NP	0	0	25000	A mobile home was overturned by high winds in the community of Marlow, north of Oak Ridge. Reported by a ham radio operator.

Norris	2/21/1997	NP	0	0	0	Trees down in Norris.
Andersonville	6/13/1997	52	0	0	1000	Several trees down and a flag pole blown down in Andersonville. Several trees down in Lake City.
Clinton	6/14/1997	NP	0	0	0	Two trees down on Pumpkin Road near Clinton.
Clinton	6/19/1997	NP	0	0	10000	A telephone pole and a few trees down just west of Clinton.
Claxton	6/21/1997	NP	0	0	0	A severe thunderstorm knocked down trees in the Claxton area.
Andersonville	7/23/1997	NP	0	0	14000	Powerlines down in Brushy Valley area.
Oak Ridge	7/28/1997	NP	0	0	0	Trees down.
Oak Ridge	3/20/1998	NP	0	0	0	Trees down in Fairview Subdivision.
Lake City	5/25/1998	NP	0	0	0	Several trees down around Beech Grove Road near Lake City. A few trees down around Mill Creek Road in Andersonville.
Clinton	6/30/1998	NP	0	0	0	A few trees down.
Clinton	11/25/1998	NP	0	0	0	Trees down.
Oak Ridge	5/6/1999	NP	0	0	0	Trees down.
Claxton	5/7/1999	100	0	0	0	Not provided
Clinton	5/7/1999	NP	0	0	0	Trees down in and south of town.
Countywide	6/2/1999	NP	0	0	20000	Trees and power lines down. 2000 customers lost power. Power was restored about an hour later.
Marlow	7/24/1999	NP	0	0	3000	Trees down.
Clinton	7/27/1999	NP	0	0	5000	Power lines down in north part of county.
Clinton	7/27/1999	NP	0	0	10000	Trees and power lines down in southwest part of county.
Oak Ridge	5/23/2000	NP	0	0	0	Trees down.
Countywide	5/25/2000	NP	0	0	0	Trees down in Claxton, Lake City and Oak Ridge.
Lake City	5/27/2000	NP	0	0	0	Trees down.
Countywide	5/27/2000	NP	0	0	0	Trees down.
Claxton	7/28/2000	NP	0	0	0	Trees down.
Countywide	7/29/2000	NP	0	0	0	Trees down.
Devonia	7/30/2000	NP	0	0	0	Trees down.
Countywide	8/10/2000	NP	0	0	0	Trees down.
Claxton	11/9/2000	NP	0	0	0	Trees down.

Lake City	12/16/2000	NP	0	0	0	Trees down.
Oak Ridge	6/29/2001	NP	0	0	18000	Tree down on three cars.
Oak Ridge	6/29/2001	NP	0	0	0	Three trees down along South George Road off Pellissippi.
Lake City	7/4/2001	NP	0	0	0	Trees down.
Oliver Springs	7/4/2001	NP	0	0	0	Trees down.
Marlow	7/5/2001	NP	0	0	0	Numerous trees down.
Lake City	10/24/2001	NP	0	0	0	Trees down.
Countywide	1/24/2002	NP	0	0	10000	Trees and power lines down.
Countywide	4/28/2002	NP	0	0	5000	A few trees were reported down in the far northern and far southern sections of the county.
Norris	5/13/2002	NP	0	0	10000	Trees reported down on power lines near Norris.
Clinton	7/2/2002	NP	0	0	25000	Numerous trees were reported down countywide. One tree was downed on 25W near the Knox County line and another was reported down on Tilleary Road.
Oliver Springs	7/3/2002	NP	0	0	20000	A large tree was downed on two buildings of the Oliver Springs Public Library.
Oak Ridge	7/21/2002	NP	0	0	50000	A large oak tree weighing approximately 70 tons fell on a three bedroom home as a result of thunderstorm wind gusts caving in a section and cracking the walls and foundation.
Clinton	7/30/2002	NP	0	0	0	Trees down on Norris Freeway and New River Highway.
Norris	8/2/2002	NP	0	0	10000	A few trees were reported down in the Norris Lake area.
Mills Creek	8/2/2002	60	0	0	10000	Boat dock was blown into Norris lake near the Union County line with wind speed estimated at 60 mph.
Mills Creek	8/2/2002	NP	0	0	15000	Several trees were reported down near Sequoyah Boat Dock on Norris Lake.
Countywide	11/10/2002	NP	0	0	15000	Trees and power lines were reported down across the county.
Countywide	11/10/2002	NP	0	0	25000	Numerous trees and power lines were reported down across the county.
Countywide	11/11/2002	NP	0	0	20000	Numerous trees and power lines were reported down throughout the county.

Not provided	2/3/2003	40	0	0	1000	Strong winds (with gusts up to 40 mph) associated with a band of showers caused numerous reports of fallen trees and power outages across east Tennessee.
Countywide	2/22/2003	60	0	0	5000	Numerous trees down and power outages reported by 911 dispatch.
Countywide	4/25/2003	60	0	0	10000	Numerous trees reported down across the county with several secondary roads blocked by trees.
Norris	5/1/2003	60	0	0	10000	Several trees were reported down along Riverside Road three miles southeast of Norris.
Clinton	5/11/2003	55	0	0	15000	Numerous trees were reported down in Clinton.
Oak Ridge	5/15/2003	61	0	0	5000	A wind gust was estimated at 60 to 70 miles per hour at Oak Ridge.
Claxton	5/15/2003	55	0	0	10000	A few trees were reported down in Claxton and in the Dutch Valley area.
Countywide	5/17/2003	55	0	0	20000	Several trees were reported down across the county.
Countywide	6/11/2003	55	0	0	15000	A few trees were reported down across the county.
Oliver Springs	7/9/2003	60	0	0	0	A few trees and power lines reported down by power company.
Oak Ridge	7/9/2003	60	0	0	0	A few trees reported down by highway department near Frills road.
Clinton	7/12/2003	60	0	0	0	Six trees reported down by highway department.
Clinton	8/4/2003	60	0	0	0	Several trees reported down by 911 dispatch.
Countywide	8/17/2003	60	0	0	0	Three trees reported down by utility company including two between Lake City and Clinton and one along highway 330.
Oak Ridge	8/31/2003	60	0	0	0	Several trees reported down by police department.
Oak Ridge	5/26/2004	70	0	0	40000	Thirty to forty trees were reported down on highway 95 in south Oak Ridge.
Clinton	6/17/2004	65	0	0	10000	Trees down
Clinton	7/5/2004	60	0	0	10000	Large trees were reported down near Andersonville.
Clinton	7/5/2004	60	0	0	10000	A few trees were reported down in Claxton.
Oak Ridge	7/6/2004	60	0	0	5000	A few trees were reported down in the Marlow area three miles north of Oak Ridge.
Lake City	7/6/2004	60	0	0	6000	A few trees were reported down near Norris Dam.

Countywide	7/12/2004	60	0	0	12000	A few trees were reported down across the county.
Oak Ridge	7/13/2004	65	0	0	20000	Numerous trees were reported down across the county.
Oak Ridge	7/13/2004	65	0	0	20000	Numerous trees were reported down across the county between 1130 and 1140 pm EDT.
Oak Ridge	7/17/2004	60	0	0	12000	Several trees were reported down in Oak Ridge.
Oak Ridge	4/22/2005	60	0	0	0	Not provided
Clinton	6/14/2005	65	0	0	15000	Several trees down across north half of county.
Oak Ridge	6/20/2005	52	0	0	0	Wind gust estimated to 60 mph at the Hospital.
Countywide	6/27/2005	65	0	0	15000	Several trees and a few powerlines downed across the county. Reported by Clinton Utilities and the Anderson County Highway Department.
Briceville	7/27/2005	55	0	0	15000	A total of five trees were reported down in Briceville and Beech Grove.
Countywide	8/4/2005	60	0	0	10000	Two trees reported down across the county.
Clinton	8/6/2005	60	0	0	18000	Several trees in and around Claxton.
Norris	8/6/2005	65	0	0	18000	Numerous trees down countywide.
Norris	8/15/2005	65	0	0	20000	Numerous trees and powerlines down across the northeast portions of the county in the Norris area and surrounding areas. Reported by Clinton Utilities.
Clinton	8/17/2005	60	0	0	20000	Numerous trees and powerlines down across the eastern third of county. Reported by Clinton Utilities.
Lake City	8/19/2005	60	0	0	15000	A few trees down on powerlines near Lake City. Reported by Clinton Utilities.
Oak Ridge	10/21/2005	55	0	0	0	Estimated 60+ mph wind in downtown Oak Ridge. Reported by trained spotter.
Andersonville	1/2/2006	60	0	0	3000	One tree was reported down on Sequoyah Lane.
Marlow	1/2/2006	60	0	0	3000	One tree was downed on a railroad track in the Marlow vicinity.
Countywide	4/2/2006	70	0	0	30000	The roof on a school gymnasium in Clinton was damaged. Numerous trees and powerlines down across the county. The Clinton Utility Board reported around 3000 people lost power.

Lake City	4/7/2006	60	0	0	7000	A few trees down in Lake City
Norris	4/7/2006	60	0	0	8000	A few trees down in Norris.
Countywide	4/7/2006	60	0	0	12000	Numerous trees down countywide.
Clinton	5/20/2006	60	0	0	8000	A few trees were reported down in the Northern part of Anderson county.
Lake City	6/23/2006	60	0	0	6000	A few trees down in Lake City.
Oak Ridge	6/30/2006	60	0	0	3000	One tree and powerlines down in Oak Ridge.
Clinton	6/30/2006	60	0	0	4000	Large limbs downed on a powerline near Clinton.
Oak Ridge	7/21/2006	60	0	0	12000	A few trees were reported down in Oak Ridge.
Oak Ridge	7/21/2006	60	0	0	12000	A few trees were reported down just south of Oak Ridge.
Clinton	7/28/2006	60	0	0	25000	Several trees and power lines were reported down between the Briceville highway and the Old Dutch Valley road about one mile west of Medford.
Oak Ridge	7/28/2006	60	0	0	3000	A tree was reported down on a power line at 124 Mirmar Circle in Oak Ridge.
Clinton	7/28/2006	60	0	0	3000	A tree was reported down on Coward Road in Clinton.
Clinton	8/4/2006	60	0	0	10000	Several trees and powerlines down across the northern half of the county.
Claxton	8/10/2006	60	0	0	8000	Several trees down in Claxton area.
Lake City	8/10/2006	60	0	0	8000	Several trees down in Lake City.
Claxton	9/28/2006	60	0	0	8000	One tree and several power lines were reported down near Claxton.
Clinton	10/5/2006	60	0	0	0	A few trees were reported down near Clinton by the Highway Department.
Lake City	10/11/2006	60	0	0	10000	Two trees and powerlines down in the Miller Hollow area.
Not provided	12/1/2006	60	0	0	30000	Numerous trees and powerlines down countywide. Estimated wind gusts to 60 mph at Buffalo Mountain. Many carports, awnings and signs were damaged.

Lake City	4/3/2007	55	0	0	60000	Numerous trees were reported down across the county although the greatest concentration of tree damaged was in the vicinity of Lake City. Also Lighthouse Marina on Norris Dam sustained damage to the docks and boats.
Lake City	4/26/2007	55	0	0	20000	Numerous trees down near Lake City.
Oak Ridge	5/4/2007	55	0	0	20000	Numerous trees were reported down in the eastern half of Oak Ridge.
Oak Ridge	6/8/2007	60	0	0	20000	Several trees and powerlines were downed by thunderstorm winds in and around Oak Ridge.
Lake City	7/16/2007	60	0	0	0	Two trees were reported down in Lake City.
Clinton	8/1/2007	40	0	0	2000	Sheriffs dispatch reported one tree down on Highway 61 between Clinton and Norris.
Lake City	8/2/2007	40	0	0	1000	Sheriff's dispatch reported one tree down on Foster Road near Lake City.
Rosedale	8/3/2007	52	0	0	2000	The sheriffs dispatch reported two trees downed by thunderstorm winds near Rosedale.
Oak Ridge	1/29/2008	50	0	0	0	Numerous trees were reported down in Marlow.
Lake City	4/11/2008	60	0	0	10000	The utility company reported several trees downed by thunderstorm winds along Norris Freeway.
South Clinton	6/11/2008	60	0	0	12000	Trained spotter reported numerous trees downed by thunderstorm winds in Claxton.
South Clinton	6/28/2008	60	0	0	15000	Dispatch reported numerous trees downed by thunderstorm winds countywide.
Mills Creek	7/21/2008	55	0	0	0	Several trees were reported down three miles north northeast of Norris.
South Clinton	2/11/2009	62	0	0	35000	Law enforcement personnel reported numerous trees and powerlines downed by thunderstorm winds countywide. In addition, 3 homes were damaged by the winds.
Mills Creek	5/8/2009	55	0	0	0	Numerous trees were reported down.
Buffalo	5/8/2009	55	0	0	0	A few trees were reported down in Northwest Anderson county.

Elza	5/15/2009	50	0	0	0	A few trees were reported down along Wolf Valley Road.
Bethel	5/25/2009	50	0	0	0	Several trees were reported down on Norris Freeway.
Oak Ridge	6/11/2009	58	0	0	12000	The newspaper reported several trees and powerlines downed by thunderstorm winds in the Oak Ridge area.
South Clinton	6/16/2009	60	0	0	20000	Law enforcement personnel reported numerous trees downed by thunderstorm winds countywide.
Knapp	6/16/2009	58	0	0	10000	Law enforcement personnel reported a home was damaged by thunderstorm winds southeast of Lake City.
Seeber Flats	6/16/2009	55	0	0	0	A gust of 63 mph was measured at a TVA tower.
South Clinton	6/16/2009	60	0	0	20000	Law enforcement personnel reported numerous trees and powerlines downed by thunderstorm winds in the Clinton area.
Andersonville	6/18/2009	52	0	0	2000	Amateur radio personnel reported one tree downed by thunderstorm winds near Andersonville.
Clinton	6/18/2009	55	0	0	8000	Highway department personnel reported several trees downed by thunderstorm winds across the eastern side of the county.
South Clinton	6/22/2009	58	0	0	15000	Law enforcement personnel reported a few trees and powerlines downed by thunderstorm winds countywide. In addition, a home in Claxton was damaged by a falling tree from the wind.
South Clinton	6/28/2009	55	0	0	5000	Law enforcement personnel reported a few trees downed by thunderstorm winds in the southern portions of Clinton.
South Clinton	7/5/2009	45	0	0	100000	A 100 year old elm tree fell onto a home which resulted in damage to the home's deck, back room, and the roof over the kitchen.
Clinton	8/4/2009	50	0	0	2000	Law enforcement officials reported one tree downed by thunderstorm winds south of Clinton.
Clinton	10/9/2009	55	0	0	10000	Law enforcement officials reported several trees downed by thunderstorm winds in Clinton.
Lake City	10/26/2010	55	0	0	5000	Highway department personnel reported a few trees downed by thunderstorm winds in Lake City.
Norris	10/26/2010	55	0	0	5000	Highway department personnel reported a few trees downed by thunderstorm winds in Norris.

Clinton	2/28/2011	52	0	0	5000	Law enforcement personnel reported a few trees downed by thunderstorm wind at Clinton.
Clinton	4/4/2011	55	0	0	15000	Law enforcement personnel reported numerous trees downed by thunderstorm wind countywide.
Leinart	5/22/2011	55	0	0	0	Numerous trees were reported down across much of the northern third of the county.
Clinton	6/23/2011	52	0	0	3000	Law enforcement personnel reported 2 trees downed by thunderstorm wind on Oliver Springs Highway 2 miles southwest of Clinton.
Lake City	3/31/2012	50	0	0	0	A few trees were reported down in Lake City.
Lake City	4/26/2012	52	0	0	5000	A trained spotter reported several trees downed by thunderstorm wind near Lake City.
Scarboro	7/1/2012	50	0	0	0	A few trees were reported down in the southern portion of the county one mile south of Oak Ridge.
Oak Ridge	8/1/2012	50	0	0	2000	An individual from the public reported a large tree downed by thunderstorm wind near Oak Ridge.
Frost Bottom	5/17/2013	50	0	0	0	Two trees were reported down near highway 61 between Oliver Springs and Clinton.
Oak Ridge	5/19/2013	56	0	0	0	A wind gust of almost 70 mph was measured on the west side of Oak Ridge.
South Clinton	5/19/2013	50	0	0	0	Several trees were reported down on roadways in various parts of the county.
Oliver Springs	6/13/2013	50	0	0	5000	Law enforcement personnel reported a few trees downed by thunderstorm wind near 3 miles east of Oliver Springs.
Lake City	6/27/2013	50	0	0	2000	Dispatch personnel reported 1 tree downed by thunderstorm wind 1 mile northwest of Lake City on Beech Grove Road.
Norris	8/31/2013	50	0	0	8000	Law enforcement personnel reported several trees downed by thunderstorm wind 5 miles southeast of Norris along the Norris Freeway near the Knox county line.
Mills Creek	7/27/2014	50	0	0	0	Two trees were reported down on Indian Gap Road in Andersonville.

Andersonville	7/27/2014	50	0	0	0	Several trees were reported down in Andersonville.
South Clinton	7/27/2014	55	0	0	0	Several trees were reported down in Clinton.
Clinton	8/20/2014	52	0	0	8000	Law enforcement personnel reported many trees downed by thunderstorm wind countywide.
South Clinton	7/18/2015	50	0	0	0	Several trees were reported down off West Wolf Valley Road in Clinton.
South Clinton	2/24/2016	50	0	0	0	A barn/storage structure were damaged.
South Clinton	2/24/2016	50	0	0	0	Several trees were reported down.
South Clinton	2/24/2016	50	0	0	0	Several power lines and trees were reported down along Lee Road.
Not provided	3/30/2016	66	0	0	0	A 76 mph gust was measured at the Camp Creek wind tower.
South Clinton	7/6/2016	50	0	0	0	Several trees were reported down in Clinton.
Scarboro	7/8/2016	55	0	0	0	One tree was reported down in the eastern part of Oak Ridge.
South Clinton	7/12/2016	50	0	0	0	Several trees were reported down across the eastern part of the county.
Leinart	7/19/2016	50	0	0	0	Several trees were reported down near Briceville.
Oak Ridge	3/1/2017	50	0	0	0	Trees were reported down on Key Springs Road.
Norris	3/1/2017	50	0	0	0	A tree was reported down at Norris.
South Clinton	5/27/2017	50	0	0	0	Several trees were reported down across the county.
Not provided	1/19/2019	51	0	0	0	A 59 mph wind gust was recorded at the Camp Creek wind tower two miles south of Camp Creek.
Batley	4/14/2019	50	0	1	0	A woman was struck and injured by a falling tree at her home on Nesper Road in Oak Ridge.
Batley	4/14/2019	60	0	0	0	Widespread power lines and trees were downed across Oak Ridge. Multiple trees fell on commercial buildings, homes, and across roads. A rook was partially blown off a building on Warehouse Road.
Andersonville	6/21/2019	55	0	0	0	A gazebo and other structural debris were blown onto Buffloa Road in Andersonville.
Leinart	6/21/2019	55	0	0	0	Several reports of downed trees were received from across the county.

Offutt	6/24/2019	50	0	0	0	A large tree was down along Lake City Highway between Rocky Top and Clinton.
Clinton	6/24/2019	50	0	0	0	Multiple trees were reported down near Clinton.
Clinton	10/31/2019	55	0	0	0	A large tree fell onto a home causing extensive damage.
Norris	10/31/2019	55	0	0	0	A few trees were downed on Pine Road.
Clinton	3/3/2020	50	0	0	0	One tree and a few power lines were reported down at East Wolf Valley Road in Heiskell.
Edgemoor	7/20/2020	50	0	0	0	Several trees reported down in the Claxton area.
Briceville	7/31/2020	50	0	0	0	Several trees reported down in the Briceville area.
Leinart	7/31/2020	50	0	0	0	Several trees reported down in Dutch Valley.
Leinart	5/28/2021	52	0	0	0	Trees down around Anderson, and some power outages.

The committee shared their personal experiences of tornado/wind events that have occurred in Anderson County, Clinton, Norris, Oak Ridge, and Rocky Top. The following is transcribed from their thoughts.

Tornados generally go around Oak Ridge but we have significant wind events.

Trees Down – multiple streets

Anderson County uses a ranking system to determine each jurisdiction’s vulnerability to severe storm events (with a focus on tornadoes). This system is based off simple arithmetic which analysis’s potential impacts to determine vulnerabilities and then analyzes the probability of a severe storm event occurring to calculate a risk ranking for each jurisdiction.

Jurisdiction	Impacts			Vulnerability
	Human	Property	Business	H+P+B=#; #/3=V
Anderson County Unincorporated	2	3	1	2.0
City of Clinton	4	4	3	3.67
City of Norris	4	3	2	3.00
City of Oak Ridge	5	5	4	4.67
City of Rocky Top	4	3	2	3

Jurisdiction	Vulnerability	Probability	Risk V+P=R
Anderson County Unincorporated	2.0	5	7.0
City of Clinton	3.67	1	4.67
City of Norris	3.0	1	4.0
City of Oak Ridge	4.67	2	6.67
City of Rocky Top	3	1	4

Scale	
Low	2-3.6
Moderate	3.7-5.2
Medium	5.3-6.8
High	6.9-8.4
Severe	8.5-10

Human	
<i>Risk of injuries and deaths from the hazard</i>	
1	Death very unlikely, injuries are unlikely
2	Death unlikely, injuries are minimal
3	Death unlikely, injuries may be substantial
4	Death possible, injuries may be substantial
5	Deaths probable, injuries will likely be substantial

Property	
<i>Amount of residential property damage associated from the hazard</i>	
1	Less than \$500 in damages
2	\$500-\$10,000 in damages
3	\$10,000-\$500,000 in damages
4	\$500,000-\$2,000,000 in damages
5	More than \$2,000,000 in damages

Business	
<i>Amount of business damage associated from the hazard</i>	
1	Less than 3 businesses closed for only a day
2	More than 3 businesses closed for a week
3	More than 3 businesses closed for a few months
4	More than 3 businesses closed indefinitely or relocated
5	A top-10 local employer closed indefinitely

Probability	
<i>Likelihood of the hazard occurring within a given span of years</i>	
1	Less than once every 10 years
2	About once every 5-10 years
3	About once every 2-5 years
4	About once a year
5	More than once a year

Winter Weather

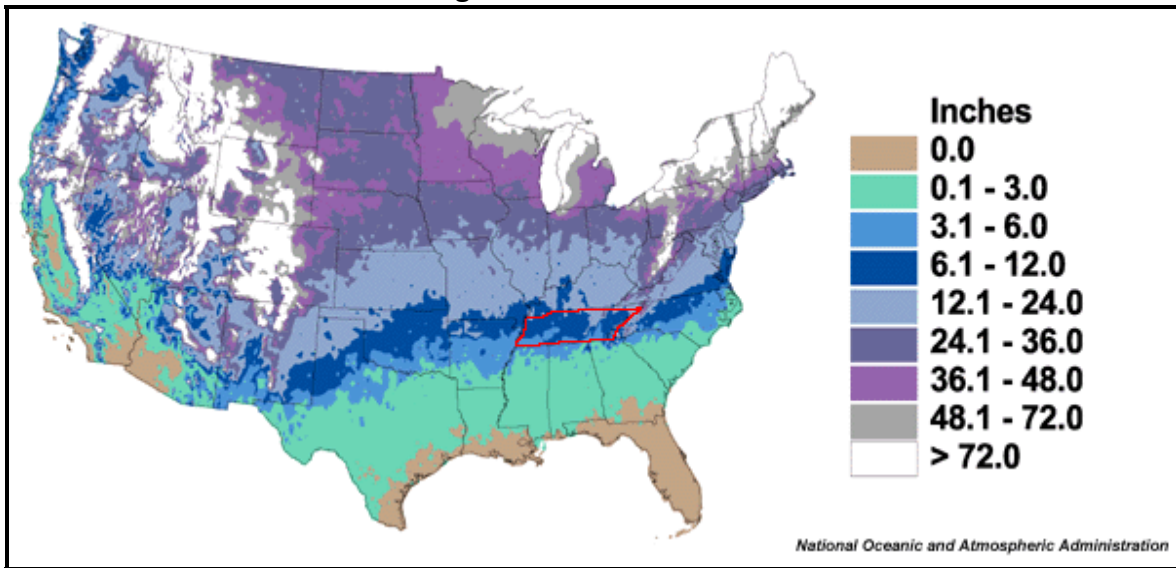
A freeze occurs when temperatures are below 32 degrees Fahrenheit for a period. These temperatures can damage agricultural crops, burst water pipes, and create layers of “black ice.” Winter storms are events that can range from a few hours of moderate snow to blizzard-like circumstances that can affect driving conditions and impact communications, electricity, and other services. In Anderson County, all jurisdictions are vulnerable to freezes and moderate winter storms, but not to the severity level seen in much of the northern U.S.

Based on previous occurrences, Anderson County can experience multiple winter weather events in one year affecting all jurisdictions within equally.

The severity of winter storms is commonly measured by inches of snowfall. It is possible for snowfall to accumulate up to 30 inches in Anderson County and/or ice accumulations to cause for

hazardous conditions due to its proximity in and around the mountains. The average mean snowfall per year in Anderson County is between 4-8 inches (as seen on the map below).

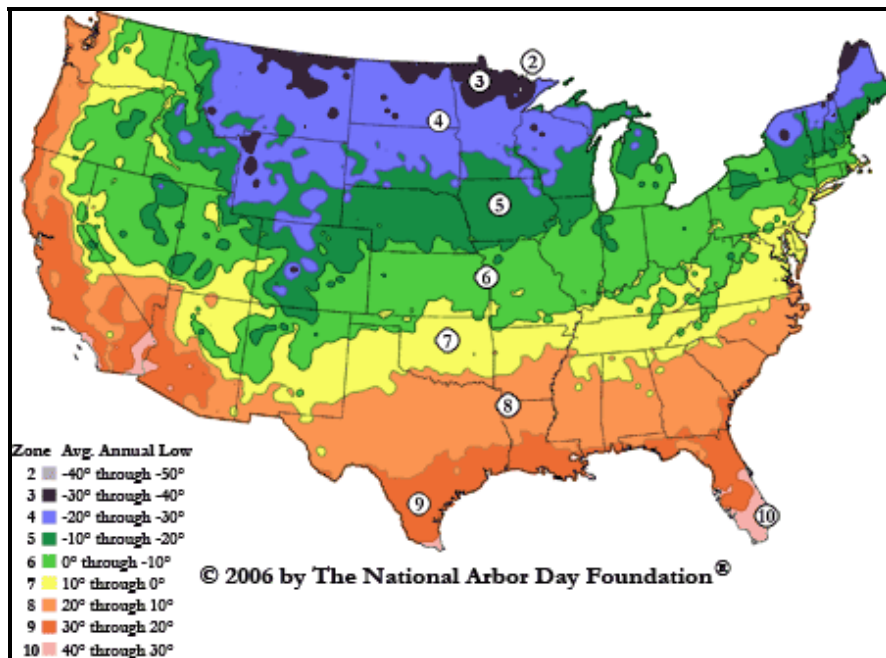
Average Mean Snowfall Per Year



Source: NOAA

Anderson County can experience temperatures between 15 to 5 degrees Fahrenheit, thus causing multiple freeze conditions during the winter months (see the following map for other average lows).

Average Annual Low Temperatures



Source: NOAA

The following chart provides winter storm event information for Anderson County between 1950 and 2021. The following information was obtained by accessing the NOAA database. <https://www.ncdc.noaa.gov/stormevents/>. This information represents all the events and extent of the Winter Weather hazard experienced by Anderson County, including the jurisdictions located within, and is the only source of data accessible. The information provided for Anderson County also applies to the school district due to the geographic distribution of the schools throughout the County.

Winter Storm Impacts in Anderson County: 1950 - 2020

Date	Event Type	Deaths	Injuries	Property Damage	Impact/Extent Description
1/6/1996	Winter Storm	0	0	0	Snow to parts of East Tennessee and between one to three feet of snow to southwest Virginia. Numerous trees and power lines fell. Many roads became impassable shutting down schools and businesses across the area. There were also isolated incidents of collapsed roofs.
1/11/1996	Winter Storm	0	0	0	Heavy snow accumulations of 4 to 8 inches caused numerous power outages and car accidents. Numerous trees fell as well. Schools and businesses were closed.
2/2/1996	Winter Storm	0	0	0	Numerous minor traffic accidents were reported though no major accidents. Some specific snow amounts reported were: Anderson 18 to 24 inches
12/18/1996	Winter Storm	0	0	0	A strong upper level disturbance brought heavy snow showers to the area resulting in widespread icy roads and hazardous driving conditions. Across northeast Tennessee, amounts were generally between 1 and 2 1/2".
1/10/1997	Winter Storm	0	0	0	An arctic cold front and associated upper level disturbance swept through the southern Appalachians. Snowfall amounts 3-5 inches in northeast Tennessee.
12/30/1997	Winter Storm	0	0	0	A series of fast-moving upper level disturbances caused heavy snow shower activity across East Tennessee. Amounts were generally 2 to 5"
12/22/1998	Ice Storm	0	0	0	The ice storm left minor accumulations of ice in valley locations due to warm ground temperatures. Most of the ice was on trees and bridges. Most roads were only wet. In higher elevations, the ice was much heavier.
1/6/1999	Winter Storm	0	0	0	Generally less than 2 inches of snow fell across East Tennessee, resulting in numerous school closings and traffic accidents.

3/13/1999	Winter Storm	0	0	0	A very wet weather system brought heavy amounts of rain to East Tennessee. Heavy rain began early Saturday morning, changed to heavy snow in some places during the day Saturday, back to rain Saturday night, then finally to snow Sunday night. There were also isolated reports of freezing rain. The snow was confined to northeast Tennessee, generally northeast of Knoxville. Rainfall amounts across much of East Tennessee was 1-2 inches. Snowfall amounts in northeast Tennessee averaged 1-3 inches.
1/22/2000	Winter Storm	0	0	0	Generally 2-4 inches of snow fell across central and northeast portions of East Tennessee, with only a few reports of amounts in the 1-2 inch range and 4-5 inch range
12/2/2000	Winter Storm	0	0	0	Widespread snow fell across East Tennessee. Amounts varied widely. In northeast Tennessee, snowfall amounts averaged 1 to 3 inches, with a few spots in the mountains reporting 2 to 4 inches
12/18/2000	Winter Storm	0	0	0	Widespread light snow fell across East Tennessee. Amounts in counties in the valley generally ranged from 1 to 2 inches. In the higher mountain elevations, amounts were a bit higher, averaging 2 to 4 inches.
1/1/2001	Winter Storm	0	0	0	A strong upper level disturbance swept through the Tennessee Valley and southern Appalachians bringing a round of light snow to the area. Amounts were generally 1/2 inch to 2 inches. There were a few isolated reports of 3 inches, mainly near the mountains.
1/20/2001	Winter Storm	0	0	0	Low pressure moved northeast across the southern Appalachians, bringing light snow to the region. A few spots received around 4 inches. Across the remainder of East Tennessee, amounts were under 1 inch.
1/5/2003	Heavy Snow	0	0	0	Across northeast Tennessee, amounts average between a dusting and a half inch. Widespread snows over northern East Tennessee...and all of the mountain regions brought 4 to 6 inches of snow between 4 A.M. and noon.
1/16/2003	Winter Storm	0	0	0	A storm system moved from the southern plains across the Tennessee Valley of Alabama into the southern Appalachians bringing snowfall amounts ranging from 2 to 8 inches across eastern Tennessee. The higher accumulations were concentrated across extreme northeast sections of the state.

1/22/2003	Winter Storm	0	0	0	Snowfall amounts ranged from 2 to 5 inches in the lower elevations while higher elevations across the region picked up totals ranging from 5 to 8 inches.
2/9/2003	Heavy Snow	0	0	0	Three to six inches of snow was reported across most of the Cumberland Plateau, with up to four inches of snow reported across portions of the far eastern Tennessee mountains.
1/9/2004	Winter Storm	0	0	0	The storm produced snowfall amounts ranging from 1 to 4 inches. Most of East Tennessee averaged 2-3 inches of snow
2/26/2004	Heavy Snow	0	0	0	No information provided.
1/29/2010	Heavy Snow	0	0	0	Heavy snow occurred across east Tennessee, with snowfall amounts ranging from four to eight inches in the lower elevations to ten to fourteen inches across the higher elevations. Much of the region ended up with ice accumulation around one quarter inch with some locations measuring as much as one half inch of ice. Trees and power lines were downed across parts of the region due to ice accumulation.
12/16/2010	Ice Storm	0	0	20000	A storm system moving through the region produced an initial burst of two to four inches at several locations. As warmer air moved into the region, freezing rain followed the snowfall, resulting in a quarter to half of an inch of icing at most locations.
1/17/2013	Heavy Snow	0	0	0	Very strong lifting of a moist air mass in the presence of an upper level low pressure system resulted in a heavy wet snowfall event during the period from around noon est until early evening. Atmospheric dynamics were so intense at times, that lightning was generated; i.e. thundersnow. Much of the snow accumulated across the region from Central East Tennessee northeast through Southwest Virginia, generally north of Interstate 40 and east of Interstate 75. The upper level low moved east from Northern to Northeast Georgia generating 3 to 5 inches of snow across the Great Valley of Central East Tennessee northeast to the Tri-Cities area.
2/13/2014	Heavy Snow	0	0	0	Heavy snow blanketed the area as strong upper level disturbance combined with deep moisture pulled from the Carolina coast over a 2 day period. The largest snowfall totals were in the mountains where up to 16 inches was reported at Newfound Gap.

3/3/2014	Ice Storm	0	0	0	ice storm that produced accretions ranging from around one tenth to as much as one half inch.
2/21/2015	Winter Storm	0	0	0	For the second time this month conditions were for both for up to 1/2 inch of freezing rain and snow up to 8 inches. Driving on area roads was dangerous.
1/20/2016	Heavy Snow	0	0	0	Moderate to heavy snowfall occurred in an area along interstate 40 and points north across the Cumberland Plateau, Snowfall amounts were generally in the 3 to 5 inch range.

The committee shared their personal experiences of winter weather events that have occurred in Anderson County, Clinton, Norris, Oak Ridge, and Rocky Top. The following is transcribed from their thoughts.

Due to the City being built on ridges, people tend to be stuck in their homes. Most of the impact on people would be related to car accidents.

Anderson County uses a ranking system to determine each jurisdiction’s vulnerability to freezes/winter storm events. This system is based off simple arithmetic which analysis’s potential impacts to determine vulnerabilities and then analysis’s the probability of a freeze/winter storm event occurring to calculate a risk ranking for each jurisdiction.

Jurisdiction	Impacts			Vulnerability
	Human	Property	Business	$H+P+B=\#; \#/3=V$
Anderson County Unincorporated	3	2	1	2.0
City of Clinton	1	1	1	1.0
City of Norris	1	1	1	1.0
City of Oak Ridge	1	3	2	2.0
City of Rocky Top	2	2	1	1.67

Jurisdiction	Vulnerability	Probability	Risk $V+P=R$
Anderson County Unincorporated	2.0	5	7.0
City of Clinton	1.0	1	2.0
City of Norris	1.0	1	2.0
City of Oak Ridge	2.0	1	3.0
City of Rocky Top	1.67	5	6.67

Scale	
Low	2-3.6
Moderate	3.7-5.2
Medium	5.3-6.8
High	6.9-8.4
Severe	8.5-10

Human	
<i>Risk of injuries and deaths from the hazard</i>	
1	Death very unlikely, injuries are unlikely
2	Death unlikely, injuries are minimal
3	Death unlikely, injuries may be substantial
4	Death possible, injuries may be substantial
5	Deaths probable, injuries will likely be substantial

Property	
<i>Amount of residential property damage associated from the hazard</i>	
1	Less than \$500 in damages
2	\$500-\$10,000 in damages
3	\$10,000-\$500,000 in damages
4	\$500,000-\$2,000,000 in damages
5	More than \$2,000,000 in damages

Business	
<i>Amount of business damage associated from the hazard</i>	
1	Less than 3 businesses closed for only a day
2	More than 3 businesses closed for a week
3	More than 3 businesses closed for a few months
4	More than 3 businesses closed indefinitely or relocated
5	A top-10 local employer closed indefinitely

Probability	
<i>Likelihood of the hazard occurring within a given span of years</i>	
1	Less than once every 10 years
2	About once every 5-10 years
3	About once every 2-5 years
4	About once a year
5	More than once a year

Wildfire

As reported on March 5, 2021 by wate.com, a 40-acre wildfire occurred in Rocky Top.

As reported on November 7, 2016 on wkrn.com, a 1400-acre fire burned near State Route 116 in Anderson County near Rosedale School. The fire did threaten one cabin and was determined to be arson.

As reported on November 11, 2016 on wbir.com, there were 4 active wildfires burning 4230 acres in Anderson County.

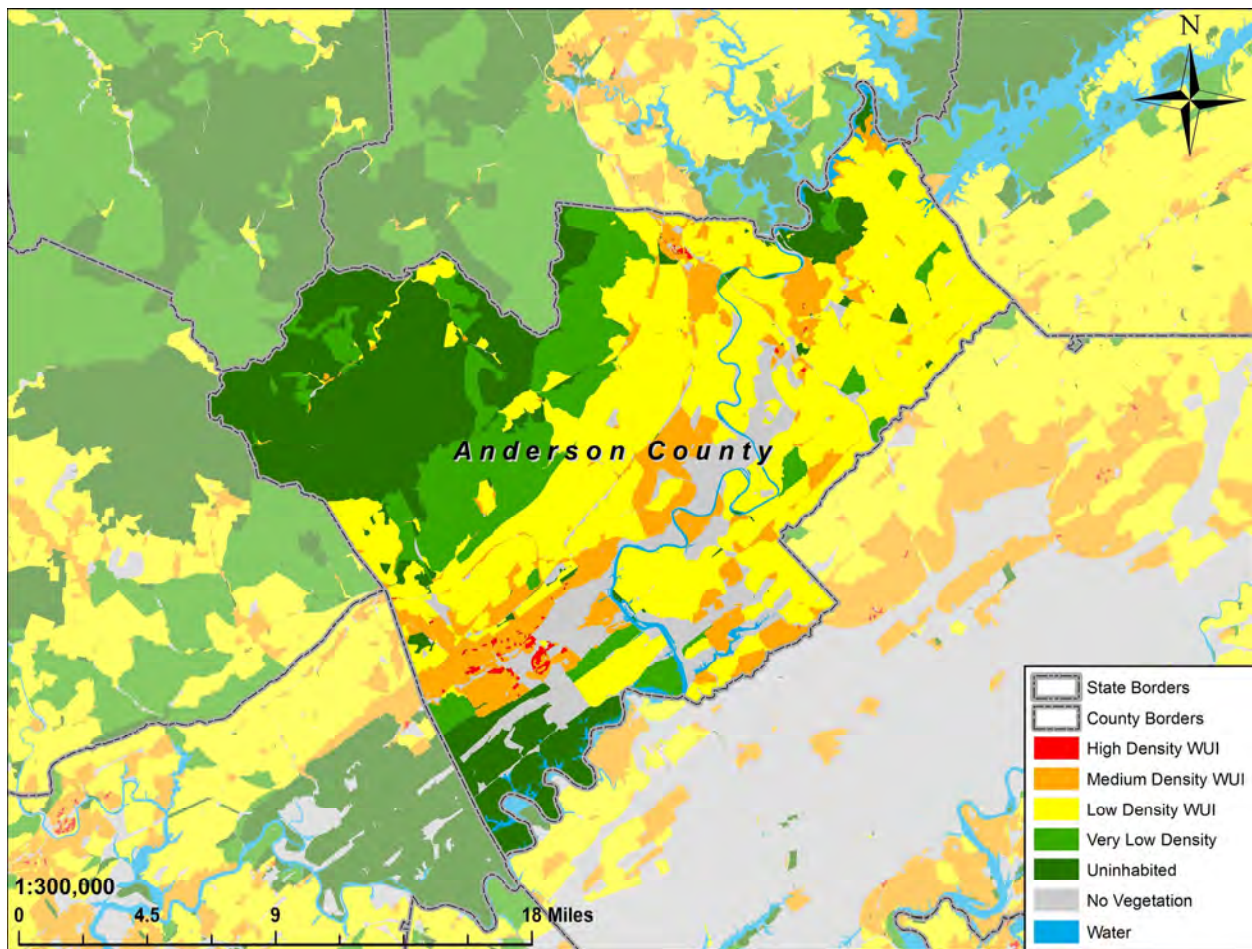
As reported on March 25, 2017 by oakridgetoday.com, a wildfire burned about 18 acres of federal land in west Oak Ridge.

As reported on March 25, 2019 by oakridgetoday.com, CSX said it held train traffic out of the area during a brush and grass fire near the railroad tracks in east Oak Ridge. The fire burned grass on the side of a steep embankment supporting the railroad tracks that cross over Elza Drive. It also appeared to spread to nearby brush and grass near an unused rail line that splits off near the Clinch

River to enter east Oak Ridge at Melton Lake Drive. The fire sent up a large plume of black and gray smoke that was visible for miles. Flames were moving quickly, fueled by strong winds and excess brush in the area.

The 2017 Hazard Mitigation Plan had additional occurrences and stated, “The first occurred on 11/14/1993 that burned 1 acre just south of Oak Ridge. A second fire burned 7 acres south of Clinton on November 17th and was put out by local FD and TN State Forestry. A third fire occurred on November 18th on multiple ridgelines northwest of Briceville. This fire required multiagency support and burned an estimated 250 to 350 acres. No one was injured or killed in any of the three fires.”

Below is the Wildland Urban Interface for Anderson County. Anderson County and its jurisdictions range from uninhabited to no vegetation with many areas susceptible to wildfires.



According to the TN Division of Forestry, debris burning, and arson are the two main causes of wildfires. Generally, there are three major factors that sustain wildfires and allow for predictions of a given area’s potential to burn. These factors include:

- Fuel;
- Topography; and

- Weather.

Fuel is the material that feeds a fire and is a key factor in wildfire behavior. Fuel is generally classified by type and by volume. Fuel sources are diverse and include everything from dead tree needles, twigs, and branches to dead standing trees, live trees, brush, and cured grasses. Man-made structures and other associated combustibles are also to be considered as a fuel source. The type of prevalent fuel directly influences the behavior of wildfire. Light fuels such as grasses burn quickly and serve as a catalyst for spreading wildfires.

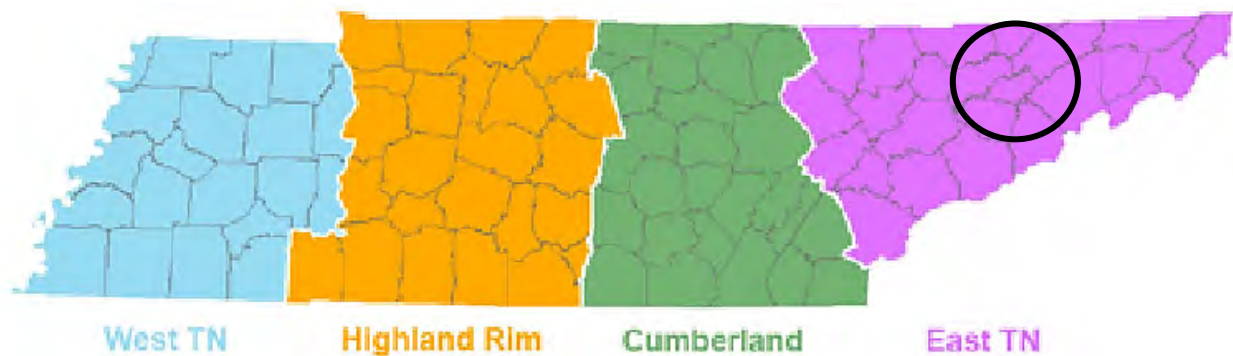
An area's topography (terrain and land slopes) affects its susceptibility to wildfire spread. Fire intensities and rates of spread increase as slope increases due to the tendency of heat from a fire to rise via convection and radiation. The natural arrangement of vegetation throughout a hillside can also contribute to increased fire activity on slopes. Many fires occur in grassland areas such as yards and pastures.

Weather components such as temperature, relative humidity, wind, and lightning also affect the potential for wildfire. High temperatures and low relative humidity dry out the fuels that feed the wildfire creating a situation where fuel will more readily ignite and burn more intensely. Wind is the most treacherous weather factor. The issue of drought conditions contributes to concerns about wildfire vulnerability.

East Tennessee typically has two fire seasons. The spring fire season, prompted by warming weather, begins about February 15 and ends near May 15th. Fall fire season begins around October 15, when the leaves begin to fall and usually ends December 15th due to shorter, cooler, wetter days. Still, wildland fires occur year-round. A burning permit is required for outdoor burning between October 15th and May 15th.

The committee shared their personal experiences of wildfire events that have occurred in Anderson County, Clinton, Norris, Oak Ridge, and Rocky Top. The following is transcribed from their thoughts.

The potential impact is on the west end of Oak Ridge. All the homes that back up to E. Boundary Rd. on Whippoorwill could potentially be severely impacted if there were a fire on the DOE reservation.



Anderson County is in the East TN District of the TN Division of Forestry. The TN Division of Forestry provides statistics for each region summarizing wildfire events. Due to outside data sources including federal and state land, causing confusion in wildfire data, the TN Division of Forestry will always remain the only source for Counties within the State of Tennessee for information. It is not the responsibility of Anderson County to mitigate federal or state land. Hopefully, in the future, a more defined dataset can be provided. At this time, this is the only information Anderson County can obtain that is consistent and confirmed. Below are the statistics for Anderson County from 2007 to 2016. These statistics also provide extent of the Wildfire Hazard. For Area, the total number of acres for the East TN District is 6,245,119.29. The percentage is calculated by taking the percentage and calculating the total area by percentage within the entire district. Size is calculated by total number of acres divided by total number of fires.

Year	# of Fires Forested	# of Fires Non-Forested	Total	# of Acres Forested	# of Acres Non-Forested	Total	Size	Area
2016	18	3	21	4,764.0	14.5	4,778.5	227.5	0.018
2015	2	0	2	16.0	0.0	16.0	8.0	0.000
2014	6	1	7	39.0	4.0	43.0	6.1	0.000
2013	4	0	4	60.0		60.0	15.0	0.000
2012	6	1	7	879.0	20.0	899.0	128.4	0.003
2011	1	1	2	5.0	0.1	5.1	2.6	0.000
2010	3	2	5	10.0	6.4	16.4	3.3	0.000
2009	6	1	7	237.0	106.0	343.0	49.0	0.001
2008	9	1	10	141.5	0.1	141.6	14.2	0.001
2007	22	4	26	386.2	4.1	390.3	15.0	0.001

Anderson County uses a ranking system to determine each jurisdiction’s vulnerability to wildfire events. This system is based off simple arithmetic which analyzes potential impacts to determine vulnerabilities and then analyzes the probability of a wildfire event occurring to calculate a risk ranking for each jurisdiction.

Jurisdiction	Impacts			Vulnerability
	Human	Property	Business	H+P+B=#; #/3=V
Anderson County Unincorporated	2	3	1	2.0
City of Clinton	1	2	1	1.33
City of Norris	1	2	1	1.33
City of Oak Ridge	4	5	1	3.33
City of Rocky Top	2	3	1	2.0

Jurisdiction	Vulnerability	Probability	Risk V+P=R
Anderson County Unincorporated	2.0	4	6.00
City of Clinton	1.33	1	2.33
City of Norris	1.33	2	3.33
City of Oak Ridge	3.33	3	6.33

City of Rocky Top	2.0	4	6
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Scale	
Low	2-3.6
Moderate	3.7-5.2
Medium	5.3-6.8
High	6.9-8.4
Severe	8.5-10

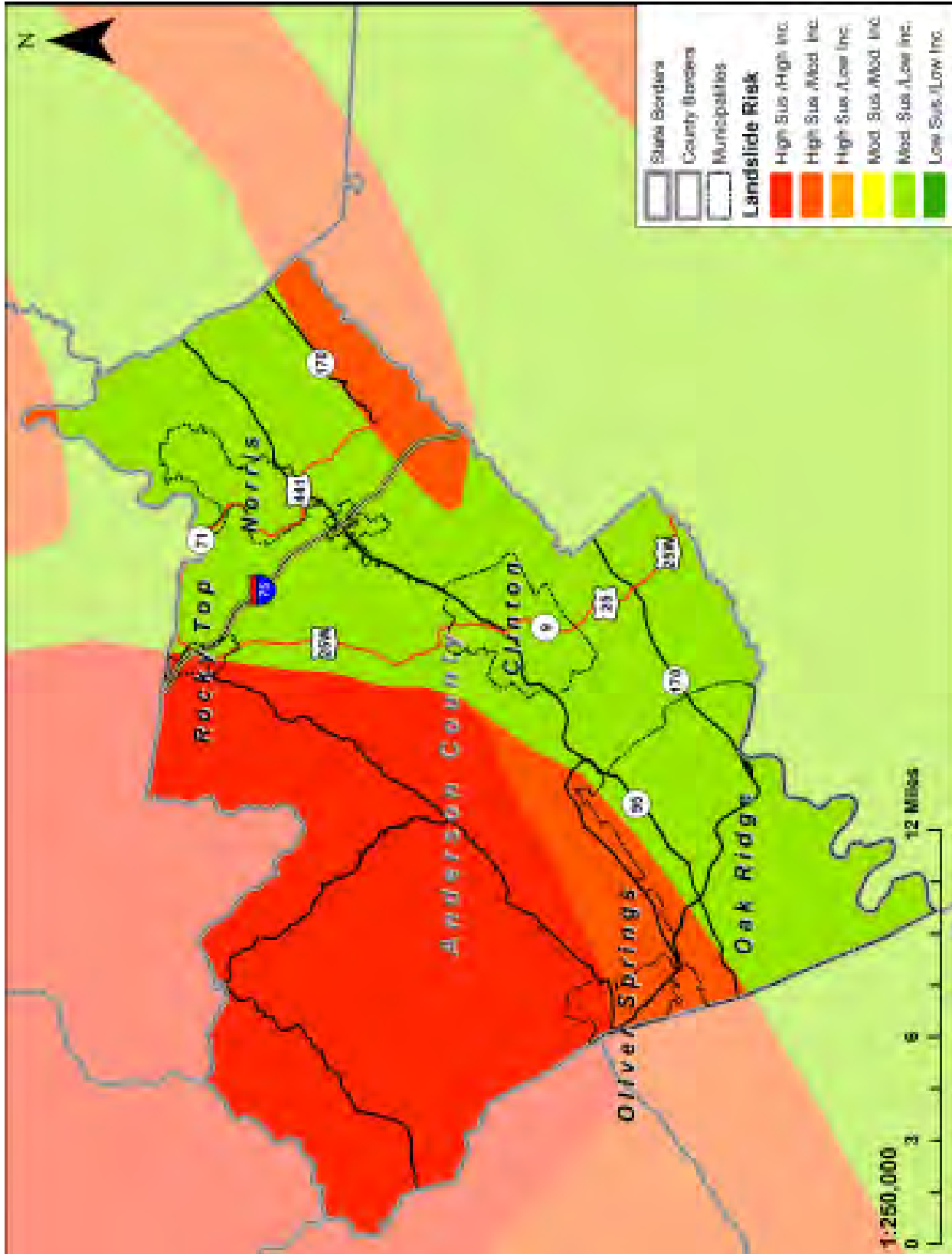
Landslides

In Eastern Tennessee, the primary way landslides occur is through significant rainfall. Many rainfall-induced landslides transform into debris flows (fast-moving slurries of water, soil, and rock) as they travel down steep slopes, especially those that enter stream channels where they may mix with additional water and sediment.

The topography of East Tennessee lends to the risk of landslides. According to worldatlas.com, varied ranges of the Appalachian Mountain system cover the eastern third of Tennessee, including the Bald, Great Smoky, Holston, Stone, Unaka and Unicoi mountains. Located along its border with North Carolina, Clingmans Dome (at 6,643 ft.) is the state's highest point. In fact, it's the third highest point in the Appalachian Mountain range; only Mt. Mitchell in North Carolina (6,684 ft.), and Mt. Craig (6,647 ft.) in Mt. Mitchell State Park rise higher. To the immediate west of those mountains (stretching south to north) the Appalachian Valley is a series of lower ridges, hills, and very fertile farmland. The Cumberland Plateau, a run of flat hills, valleys and round top mountains, stretches north from Chattanooga to the Kentucky border. Lookout Mountain (1,850 ft.), to the southwest of Chattanooga, provides views of seven states on a clear day.

According to the United States Geological Survey, a landslide is defined as the movement of a mass of rock, debris, or earth down a slope. Landslides are a type of "mass wasting," which denotes any down-slope movement of soil and rock under the direct influence of gravity. The term "landslide" encompasses five modes of slope movement: falls, topples, slides, spreads, and flows. These are further subdivided by the type of geologic material (bedrock, debris, or earth). Debris flows (commonly referred to as mudflows or mudslides) and rock falls are examples of common landslide types. Almost every landslide has multiple causes. Slope movement occurs when forces acting down-slope (mainly due to gravity) exceed the strength of the earth materials that compose the slope. Causes include factors that increase the effects of down-slope forces and factors that contribute to low or reduced strength. Landslides can be initiated in slopes already on the verge of movement by rainfall, snowmelt, changes in water level, stream erosion, changes in ground water, earthquakes, volcanic activity, disturbance by human activities, or any combination of these factors. Other factors pertinent to East Tennessee is the high risk of Wildfire which is a documented hazard within this plan. Wildfire promotes erosion and can contribute to future landslide potential.

This map below shows the distribution of relative landslide susceptibility across Anderson County. This map was brought forward from the 2017 Hazard Mitigation Plan. In the 2017 Hazard Mitigation Plan, there were no Landslide incidents. The past five years have showed an increase of risk in relation to this hazard.



Landslides continue to be a major concern for Anderson County residents. Below is the information about landslide occurrences in Anderson County and its jurisdiction. State route 116 continues to be a significant issue. During heavy rain that caused significant flooding, State Route 116 hillside failed.



2017

US 441 Near Norris Dam, Norris

2018

ST RT Hwy 116 in Briceville Community, Briceville
Granite Road, Clinton

2019

ST RT Hwy 116
Ridgeview Road, Clinton
Eaglebend Road, Clinton
Bear Creek Road, Oak Ridge

2020

ST RT Hwy 116, New River

For the purposes of hazard mitigation, the following roads are the focus of this committee.

SR 116 entire route

SR 9 around LM 13 to LM 17 and LM 2

SR330 around LM 8

SR 71 around LM 1 to LM 6

SR 61 around LM 16 to LM 17 and LM 3

To illustrate potential issues surrounding landslides in Oak Ridge, a landslide occurred on February 23, 2019 next to the access road to the Oak Ridge Water Treatment Plant on Pine

Ridge, above the Y-12 National Security Complex. The Water Treatment plant is a critical facility.



The committee shared their personal experiences of landslide events that have occurred in Anderson County, Clinton, Norris, Oak Ridge, and Rocky Top. The following is transcribed from their thoughts.

The landslide on Bear Creek Rd. cost Oak Ridge Public Works over \$250,000.

Jurisdiction	Impacts			Vulnerability
	Human	Property	Business	H+P+B=#; #/3=V
Anderson County Unincorporated	1	2	1	1.33
City of Clinton	1	3	2	2
City of Norris	1	2	2	1.67
City of Oak Ridge	1	4	2	2.33
City of Rocky Top	1	1	1	1

Jurisdiction	Vulnerability	Probability	Risk V+P=R
Anderson County Unincorporated	1.33	2	3.33

City of Clinton	2	2	4
City of Norris	1.67	3	4.67
City of Oak Ridge	2.33	3	5.33
City of Rocky Top	1	3	4

Scale	
Low	2-3.6
Moderate	3.7-5.2
Medium	5.3-6.8
High	6.9-8.4
Severe	8.5-10

Presidential Disaster Declarations

The source of this information came from <https://www.fema.gov/disasters>. All disasters included in the table below that were provided on this website.

FEMA DR	Date	Hazard				PA	IA
4427	4/17/2019	Flooding	Landslide	Mudslide		yes	no
1260	1/15/1999	Winter Storm				No	Yes
4211	4/2/2015	Winter Storm	Flooding			yes	no
4189	8/13/2014	Severe Storms	Tornadoes	Straight Line Winds	Flooding	yes	no
4005	7/20/2011	Severe Storms	Tornadoes	Straight Line Winds	Flooding	yes	no
3095	3/14/1993	Winter Storm				yes	no
3217	9/5/2005	Hurricane Katrina				yes	no
366	5/15/1972	Heavy Rains	Flooding			yes	Yes
533	4/29/1977	Severe Storms	Flooding			yes	Yes
889	1/4/1991	Severe Storms	Flooding			No	Yes
1464	5/8/2003	Severe Storms	Tornadoes	Flooding		No	Yes
1456	3/20/2003	Severe Storms	Flooding			yes	no
1441	11/13/2002	Severe Storms	Tornadoes	Flooding		yes	Yes
1408	4/5/2002	Severe Storms	Flooding			yes	no
2346	11/2/2000	Wildfire				yes	no
1331	5/23/2000	Severe Storms	Tornadoes	Flooding		yes	no
1215	4/20/1998	Severe Storms	Tornadoes	Flooding		yes	Yes

PA = Public Assistance
IA = Individual Assistance

Section 4: Mitigation Strategy

Mitigation Goals

The purpose for developing a set of Goals is to clearly state the community's overall vision for hazard mitigation and to provide a path towards building a safer, more resilient community. The Anderson County Hazard Mitigation Committee identified the following goals to be the forefront in the overall development of this plan. All actions/projects recommended as mitigation efforts for the Hazard Mitigation Plan must first meet or further at least one of these goals. The goals are provided in a ranked order where the first goal is paramount.

Goal 1: Protect the lives and health of citizens from the effects of natural hazards.

Goal 2: Emphasize mitigation planning to decrease vulnerability of existing and new structures.

Goal 3: Encourage public support and commitment to hazard mitigation, by communicating mitigation benefits.

Identification and Prioritization of Mitigation Projects

Anderson County has developed a comprehensive range of mitigation projects. These projects were solicited and identified by the different entities who make up the Anderson County Hazard Mitigation Committee. Once the proposed projects attained a sponsoring agency and the details of the projects were discussed by the committee, the committee then proceeded to prioritize the mitigation projects.

The prioritization process was important since most mitigation projects represent a large investment of financial and personal resources. By evaluating each project's degree of feasibility and the level of costs versus benefits, Anderson County was able to determine when and which projects should be implemented based on available funding and time.

The Anderson County Hazard Mitigation Committee used the SAFE-T method to prioritize these projects. This approach was adopted from the successful methodology used by other counties in FEMA Region 4. This rating system uses five variables to evaluate the overall feasibility and appropriateness: Societal, Administrative, Financial, Environmental, and Technical. A focus on this methodology emphasizes the use of a cost-benefit review to maximize benefits.

Project Prioritization Method: SAFE-T			
	Variable	Value	Description
S	Societal: The public must support the overall implementation strategy and specified mitigation actions. The projects will be evaluated in terms of community acceptance and societal benefits.	1	Low community priority, few societal benefits
		2	Moderate community acceptance/priority
		3	High community acceptance/priority
A	Administrative: The projects will be evaluated for anticipated staffing and maintenance requirements to determine if the jurisdiction has the personnel and administrative capabilities necessary to implement the project or whether outside help will be needed.	1	High staffing, outside needed
		2	Some staffing, help may be needed
		3	Low staffing, no outside help needed
F	Financial: The projects will be evaluated on their general cost-effectiveness and whether additional outside funding will be required.	1	Somewhat cost-effective
		2	Moderately cost-effective
		3	Very cost-effective
E	Environmental: The projects will be evaluated for any immediate or long-term environmental impacts caused by their construction or operation.	1	Many environ. impacts, possibly long-term
		2	Some environ. Impacts, some possibly long-term
		3	Few, if any, environ. impacts
T	Technical: The projects will be evaluated on their ability to reduce losses in the long-term, whether there are secondary impacts, and whether the proposed project solves the associated problem or if additional components are necessary.	1	Other actions are needed or short-term fix
		2	Other actions may be needed for long-term fix
		3	Other actions not needed, long-term fix

Committee members ranked the projects as a group by determining the value for each variable and then by adding the variables rates up for a project sum value. All the project rankings can be seen on the Anderson County Hazard Mitigation Project List.

Anderson County Project List

The following Project List provides an overview of all the Anderson County Multi-Jurisdictional Hazard Mitigation Committee projects. This includes potential funding sources, implementation timeframes, the project’s responsible agency, and other information. The committee went into extensive discussion surrounding projects that would be beneficial for our community.

Anderson County Project List

Hazard Mitigated	Project #	Anderson County (Unincorporated) Action/Project Name	Priority Rank	Addresses New or Existing Buildings/Infra?	Responsible Agency	Possible Funding Source(s)	Timeframe
Flooding	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	2	RL/SRL Property Buy-out	55	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	38	Hwy 116 near Dump	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	39	Hwy 116 at Andy's Ridge Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	40	Beach Grove Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	50	Fox Hollow Lane	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	51	Sequoyah Marina Area Roads	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	52	Indian Gap Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	53	Mill Creek at Ridge Circle	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	54	Mill Creek at Old Boy Scout Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	55	Park Lane at Clear Springs Cemetery Rd	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	56	Huntington Lane at Andersonville Pike	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	24	Bacon Springs Road - Clinton	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	25	Lake City Hwy @ Pumphouse Lane	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	26	Lake City Hwy @ Granite Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	27	Granite Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	28	Cane Creek Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	29	Beets Valley Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	36	Offutt Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	37	Old Dutch Valley Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	41	Irwin Mill Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	42	Brooks Gap Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	43	Pumpkin Hollow	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	44	Sinking Springs Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	45	Hinds Creek Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	46	Mountain Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	47	Brushy Valley Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years

	48	Hillvale Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	49	Lambdin Road	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	57	Bloomfield Hills Mobile Home Park	1	Existing	Highway Dept	BRIC, FMA, HMGP	1-5 years
	62	Storm Water Drainage System	55	Both	CUB	BRIC, HMGP	1-5 years
Tornado/Wind	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA		1-5 years
	10	Generator - Oliver Springs Waste Water Treatment Plant	43	Existing	City of Oliver Springs	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	12	Generator - Andersonville Volunteer Fire Dept - 2 stations	43	Existing	AVFD	BRIC, HMGP	1-5 years
	13	Generator - Briceville Volunteer Fire Dept	43	Existing	BVFD	BRIC, HMGP	1-5 years
	14	Generator - Claxton Volunteer Fire Dept - 2 stations	43	Existing	CVFD	BRIC, HMGP	1-5 years
	15	Generator - Medford Volunteer Fire Dept	43	Existing	MVFD (Medford)	BRIC, HMGP	1-5 years
	16	Generators - Marlow Volunteer Fire Dept - 2 stations	43	Existing	MVFD (Marlow)	BRIC, HMGP	1-5 years
	17	Generator - Andersonville Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	18	Generator - Fairview Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	19	Generator - Briceville Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	20	Generator - Claxton Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	21	Generator - Lake City Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	22	Generator - Lake City Middle School	36	Existing	Schools	BRIC, HMGP	1-5 years
	23	Generator - His Hands Reaching Academy	59	Existing	His Hands Reaching	BRIC, HMGP	1-5 years
		59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years
Winter Weather	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	6	Water line insulation program	63	Existing	CUB	BRIC, HMGP	1-5 years
	10	Generator - Oliver Springs Waste Water Treatment Plant	43	Existing	City of Oliver Springs	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years

	12	Generator - Andersonville Volunteer Fire Dept - 2 stations	43	Existing	AVFD	BRIC, HMGP	1-5 years
	13	Generator - Briceville Volunteer Fire Dept	43	Existing	BVFD	BRIC, HMGP	1-5 years
	14	Generator - Claxton Volunteer Fire Dept - 2 stations	43	Existing	CVFD	BRIC, HMGP	1-5 years
	15	Generator - Medford Volunteer Fire Dept	43	Existing	MVFD (Medford)	BRIC, HMGP	1-5 years
	16	Generators - Marlow Volunteer Fire Dept - 2 stations	43	Existing	MVFD (Marlow)	BRIC, HMGP	1-5 years
	17	Generator - Andersonville Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	18	Generator - Fairview Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	19	Generator - Briceville Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	20	Generator - Claxton Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	21	Generator - Lake City Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	22	Generator - Lake City Middle School	36	Existing	Schools	BRIC, HMGP	1-5 years
	23	Generator - His Hands Reaching Academy	59	Existing	His Hands Reaching	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years	
Wildfires	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	10	Generator - Oliver Springs Waste Water Treatment Plant	43	Existing	City of Oliver Springs	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	12	Generator - Andersonville Volunteer Fire Dept - 2 stations	43	Existing	AVFD	BRIC, HMGP	1-5 years
	13	Generator - Briceville Volunteer Fire Dept	43	Existing	BVFD	BRIC, HMGP	1-5 years
	14	Generator - Claxton Volunteer Fire Dept - 2 stations	43	Existing	CVFD	BRIC, HMGP	1-5 years
	15	Generator - Medford Volunteer Fire Dept	43	Existing	MVFD (Medford)	BRIC, HMGP	1-5 years
	16	Generators - Marlow Volunteer Fire Dept - 2 stations	43	Existing	MVFD (Marlow)	BRIC, HMGP	1-5 years
	17	Generator - Andersonville Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	18	Generator - Fairview Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
19	Generator - Briceville Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years	
20	Generator - Claxton Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years	

	21	Generator - Lake City Elementary School	36	Existing	Schools	BRIC, HMGP	1-5 years
	22	Generator - Lake City Middle School	36	Existing	Schools	BRIC, HMGP	1-5 years
	23	Generator - His Hands Reaching Academy	59	Existing	His Hands Reaching	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years
Landslides	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	4	Slope Reinforcement	62	Existing	Highway	BRIC, HMGP	1-5 years
	5	Structural integrity monitoring systems	58	Existing	EMA/911	BRIC, HMGP	1-5 years

Hazard Mitigated	Project #	City of Clinton Action/Project Name	Priority Rank	Addresses New or Existing Buildings/Infra?	Responsible Agency	Possible Funding Source(s)	Timeframe
Flooding	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	2	RL/SRL Property Buy-out	55	Existing	City of Clinton	BRIC, FMA, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	62	Storm Water Drainage System	55	Both	CUB	BRIC, HMGP	1-5 years
Tornado/Wind	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	both	CUB	BRIC, HMGP	1-5 years
Winter Weather	63	Generator - Community Center	43	Existing	City of Clinton	BRIC, HMGP	1-5 years
	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	6	Water line insulation program	63	Existing	Clinton Utilities	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years
Wildfires	63	Generator - Community Center	43	Existing	City of Clinton	BRIC, HMGP	1-5 years
	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years

Landslides	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	4	Slope Reinforcement	62	Existing	City of Clinton	BRIC, HMGP	1-5 years
	5	Structural integrity monitoring systems	58	Existing	EMA/911	BRIC, HMGP	1-5 years

Hazard Mitigated	Project #	City of Norris Action/Project Name	Priority Rank	Addresses New or Existing Buildings/Infra?	Responsible Agency	Possible Funding Source(s)	Timeframe
Flooding	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	2	RL/SRL Property Buy-out	55	Existing	City of Norris	BRIC, FMA, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	62	Storm Water Drainage System	55	Both	City of Norris	BRIC, HMGP	1-5 years
Tornado/Wind	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	58	Generators - Norris Water Treatment Plant (2)	43	Existing	City of Norris	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years
Winter Weather	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	6	Water line insulation program	63	Existing	City of Norris	BRIC, HMGP	1-5 years
	58	Generators - Norris Water Treatment Plant (2)	43	Existing	Water Plant	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years
Wildfires	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	58	Generators - Norris Water Treatment Plant (2)	43	Existing	Water Plant	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB	BRIC, HMGP	1-5 years
Landslides	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	4	Slope Reinforcement	62	Existing	City of Norris	BRIC, HMGP	1-5 years
	5	Structural integrity monitoring systems	58	Existing	EMA/911	BRIC, HMGP	1-5 years

Hazard Mitigated	Project #	City of Oak Ridge Action/Project Name	Priority Rank	Addresses New or Existing Buildings/Infra?	Responsible Agency	Possible Funding Source(s)	Timeframe
Flooding	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	2	RL/SRL Property Buy-out	55	Existing	City of Oak Ridge	BRIC, FMA, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	62	Storm Water Drainage System	55	Both	OR Public Works	BRIC, HMGP	1-5 years
Tornado/Wind	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	ORED	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	ORED	BRIC, HMGP	1-5 years
Winter Weather	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	6	Water line insulation program	63	Existing	City of Oak Ridge	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	City of Oak Ridge	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	ORED	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	ORED	BRIC, HMGP	1-5 years
Wildfires	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	7	Oak Ridge Westwood Subdivision	57	Existing	Oak Ridge Fire	BRIC, H BRIC, HMGP MGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	ORED	BRIC, HMGP	1-5 years

	61	Tree Wire Installations	59	Both	ORED	BRIC, HMGP	1-5 years
Landslides	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	4	Slope Reinforcement	62	Existing	City of Oak Ridge	BRIC, HMGP	1-5 years
	5	Structural integrity monitoring systems	58	Existing	EMA/911	BRIC, HMGP	1-5 years

Hazard Mitigated	Project #	City of Rocky Top Action/Project Name	Priority Rank	Addresses New or Existing Buildings/Infra?	Responsible Agency	Possible Funding Source(s)	Timeframe
Flooding	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	2	RL/SRL Property Buy-out	55	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, FMA, HMGP	1-5 years
	30	Bolin Road	1	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	31	Railroad Ave	1	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	32	Chestnut Ave	1	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	33	Hwy 441	1	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	34	Church Street @ Third St	1	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	35	Jacksboro Ave @ Community Center & Athletic Field	1	Existing	City of Rocky Top	BRIC, FMA, HMGP	1-5 years
	62	Storm Water Drainage System		Both	RTPW	BRIC, HMGP	1-5 years
Tornado/Wind	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	8	Generator Rocky Top Police & Fire	43	Existing	Police/Fire	BRIC, HMGP	1-5 years
	9	Generator Rocky Top Sewer	43	Existing	Sewer Dept.	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB/LUB	BRIC, HMGP	1-5 years
61	Tree Wire Installations	59	Both	CUB/LUB	BRIC, HMGP	1-5 years	
Winter Weather	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	6	Water line insulation program	63	Existing	City of Rocky Top	BRIC, HMGP	1-5 years
	8	Generator Rocky Top Police & Fire	43	Existing	Police/Fire	BRIC, HMGP	1-5 years
	9	Generator Rocky Top Sewer	43	Existing	Sewer Dept.	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years

	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB/LUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB/LUB	BRIC, HMGP	1-5 years
Wildfires	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	8	Generator Rocky Top Police & Fire	43	Existing	Police/Fire	BRIC, HMGP	1-5 years
	9	Generator Rocky Top Sewer	43	Existing	Sewer Dept.	BRIC, HMGP	1-5 years
	11	Generator - Ambulance Service - Clinton, Oak Ridge (2), Andersonville & Rocky Top	43	Existing	Ambulance Service	BRIC, HMGP	1-5 years
	59	Backup Generators - Clinton Utilities Board (CUB)	43	Both	CUB	BRIC, HMGP	1-5 years
	60	Looped Grid Power Systems	59	Both	CUB/LUB	BRIC, HMGP	1-5 years
	61	Tree Wire Installations	59	Both	CUB/LUB	BRIC, HMGP	1-5 years
Landslides	1	Alert Broadcast & Warning System	35	Existing	EMA	BRIC, HMGP	1-5 years
	3	Public Awareness & Education	42	Existing	EMA	BRIC, HMGP	1-5 years
	4	Slope Reinforcement	62	Existing	City of Rocky Top	BRIC, HMGP	1-5 years
	5	Structural integrity monitoring systems	58	Existing	EMA/911	BRIC, HMGP	1-5 years

Project List Update

The Anderson County Hazard Mitigation Committee reviewed the actions/projects in the 2017 plan. The decision to keep, discard or change is noted below.

Mitigation Project or Activity	Status
Alert, Broadcast, & Warning System	Keeping
Attain StormReady Community Status	Removed due to other priorities.
Backup Generators	Keeping but being more specific
Bionets	Removed due to other priorities.
Bury Utility Lines, Pipes, & Tanks	Removed due to other priorities.
Compaction Grouting	Removed due to other priorities.
Dam Repair & Retrofit	Removed due to Dam's no longer being a Hazard of Prime concern.
Debris & Natural Fuels Reduction Program	Keeping for Wildfires but more specific.
Defensible Spaces/Buffer Zones Program	Keeping for Wildfires but more specific.
Elevate Structures	Not allowable under the TN Hazard Mitigation Program.
FEMA Code 361 Safe Room	Removed due to other priorities.
Insulation & Energy Efficiency Upgrade	Removed due to other priorities - Winter Storms
Looped Grid Power Systems	Keeping
Property Buyout	Keeping but specific to Repetitive/Severe Repetitive Loss properties.
Public Awareness & Education Program	Keeping
Relocate or Rebuild Vulnerable Structures	Removed due to other priorities.
Slope Reinforcement	Keeping
Snow Fence Installation	Removed due to other priorities.
Storm Water Drainage System Upgrade	Removed due to other priorities.
Structural Integrity Monitoring Instruments	Keeping
Transportation Status & Routing Notification Systems	Removed due to other priorities.
Tree Wire Installation	Keeping
Water Line Insulation Program	Keeping
Wildfire Structural Retrofit Program	Removed due to other priorities.

National Flood Insurance Program Compliance

The National Flood Insurance Program (NFIP) is a pre-disaster flood hazard mitigation and insurance protection program which has reduced the increasing cost of disasters. The intent of the program is to: require new and substantially improved structures be designed and constructed to minimize or eliminate future flood damage; provide floodplain residents and business owners with financial insurance assistance in the form of insurance after floods; and it transfers most of the cost of private property flood losses from the taxpayers to floodplain property owners through flood insurance premiums. Participation in the NFIP is based on an agreement between communities and FEMA.

Currently, Anderson County unincorporated, City Clinton, City of Norris, City of Oak Ridge, City of Oliver Springs, and the City of Rocky top are NFIP participants. FEMA has listed these jurisdictions to have a current effective map date as of July 3, 2006. Below gives an overview of NFIP policy and loss data for Anderson County.

According to the National Flood Insurance Program, repetitive flood loss is defined as a facility or structure that has experienced two or more insurance claims of at least \$1,000 in any given 10-year period since 1978. Within the NFIP, repetitive flood loss properties are usually considered the most vital structures to mitigate. Currently, all three residential repetitive loss properties are located in Anderson County; one in the unincorporated section of the County, one in Oliver Springs and one in Rocky Top. In all likelihood, there is an error in the NFIP data. It shows Oliver Springs located in Morgan, Anderson and Roane Counties along with Oak Ridge located in Anderson and Roane Counties.

The chart below provides a summary of their NFIP policy and loss data. The first table provides a description of the columns located within the NFIP policy data.

Adjuster Expense	The total amount paid to adjusters for all claims within the community and/or county. It includes all special expenses, allocated loss adjusted expense, and allocated ICC expense.
Building Coverage	Building coverage for a policy or claim (whole dollars)
Building Payments	The total amount paid for all losses for building,
Community Name	The official NFIP name of the community in which the claim or policy exists.
Community Number	The 6 character community ID in which the claim or policy exists.
Contents Coverage	Contents coverage for a policy or claim (whole dollars)
Contents Payments	The total amount paid for all losses for contents
County Name	The official FIPS county name for the claim or policy. It is determined by geocoding of the policy or claim address, rather than the historical method of using the community to look up the county.
Data as of Date	The date of the most recent validated data upon which the report is based.
ICC Coverage	ICC coverage for a policy or claim (whole dollars)
ICC Payments	The total amount paid for all losses for ICC
Number of Losses	The number of losses (claims) reported within that community and/or county.
State	The state in which the policy or claim exists. The value is determined by the geocoded data first, and in the absence of geocoding, by the community state.

Total Policy Count	The total number of policies reported within the community and/or county in force as of the given date. All condo units are counted for each condo master policy.
Total Premium and Policy Fee	The policy premium and associated policy fee for the policies.
WYO or Direct	An indicator of whether the policy or claim is administered by NFIP Direct ("Direct") or a Write-Your-Own Company ("WYO")

Community Name (Number)	County	Direct Premium and FPF	WYO Premium and FPF	Total Premium and FPF	Direct Policy Count	WYO Policy Count	Total Policy Count	Direct Coverage (in Thousands)	WYO Coverage (in Thousands)	Total Coverage (in Thousands)	Direct Losses	WYO Losses	Total Losses	Direct Dollars Paid	WYO Dollars Paid	Total Dollars Paid	Adjuster Expense
ANDERSON COUNTY * (470217)	ANDERSON COUNTY	\$ 3,066	\$ 35,086	\$ 38,152	7	32	39	\$ 1,616	\$ 6,119	\$ 7,735	5	14	19	\$ 13,368	\$ 43,487	\$ 56,854	\$ 7,088
CLINTON, CITY OF (470001)	ANDERSON COUNTY	\$ 1,964	\$ 14,663	\$ 16,627	5	23	28	\$ 1,750	\$ 10,586	\$12,336	-	3	3	\$ -	\$ 2,900	\$ 2,900	\$ 540
NORRIS, CITY OF (470003)	ANDERSON COUNTY	\$ -	\$ 444	\$ 444	-	1	1	\$ -	\$ 350	\$ 350	-	-	-	\$ -	\$ -	\$ -	\$ -
OAK RIDGE, CITY OF (475441)	ANDERSON COUNTY	\$ 6,183	\$ 38,842	\$ 45,025	10	39	49	\$ 3,314	\$ 12,770	\$16,084	1	4	5	\$ 11,089	\$ -	\$ 11,089	\$ 3,956
OLIVER SPRINGS, TOWN OF (470005)	ANDERSON COUNTY	\$ 3,384	\$ 12,972	\$ 16,356	5	11	16	\$ 1,433	\$ 2,020	\$ 3,453	-	6	6	\$ -	\$ 29,098	\$ 29,098	\$ 2,925
ROCKY TOP, CITY OF (475436)	ANDERSON COUNTY	\$ 1,868	\$ 4,539	\$ 6,407	2	10	12	\$ 1,137	\$ 888	\$ 2,025	1	7	8	\$ -	\$ 66,351	\$ 66,351	\$ 3,600
OLIVER SPRINGS, TOWN OF (470005)	MORGAN COUNTY	\$ 2,531	\$ 5,126	\$ 7,657	1	2	3	\$ 210	\$ 468	\$ 678	1	1	2	\$ 16,214	\$ 10,108	\$ 26,322	\$ 1,675
OAK RIDGE, CITY OF (475441)	ROANE COUNTY	\$ 1,665	\$ 14,345	\$ 16,010	3	20	23	\$ 805	\$ 5,872	\$ 6,676	-	2	2	\$ -	\$ 6,816	\$ 6,816	\$ 1,160
OLIVER SPRINGS, TOWN OF (470005)	ROANE COUNTY	\$ 375	\$ 42,430	\$ 42,805	1	29	30	\$ 280	\$ 4,358	\$ 4,638	-	-	-	\$ -	\$ -	\$ -	\$ -

To continue compliance with the NFIP, the jurisdictions have identified, analyzed, and prioritized three mitigation strategies to stay active with the program.

1. Continue to evaluate improved standards that are proven to reduce flood damage.
2. Maintaining supplies of FEMA/NFIP materials to help homeowners evaluate measures to reduce damage.
3. Maintaining a map of areas that flood frequently and prioritizing those areas for inspection immediately following heavy rains or flooding event.

Section 5: Plan Maintenance

Monitoring, Evaluating, and Updating

The Anderson County Hazard Mitigation Committee is designated to monitor and evaluate the mitigation plan. This committee is chaired by Anderson County Emergency Management who leads the monitoring, evaluating, and updating process.

Monitoring activities will involve Anderson County Emergency Management setting up a committee meeting to be held on an annual basis. Anderson County Emergency Management will prepare a brief annual report of the meeting's findings by addressing mitigation progress and shortfalls within the county.

The plan is to be evaluated annually and after any significant disaster causing human, infrastructure, and property losses. Following each annual informal evaluation of the plan by emergency management staff, any proposed revisions or recommendations will be brought before the Mitigation Committee to be incorporated into the plan. Potential updates to the plan will address changes to the hazard assessment, the critical facilities list, the repetitive loss list, the committee membership list, and the project priority list.

The plan will be formally updated every five years in accordance with 44 CFR 201.6(d)3, which states that the plan shall be reviewed, revised, and resubmitted for approval within five years to continue eligibility for HMGP grant funding. For the five-year update, Anderson County Emergency Management will notify the jurisdictional governments and the Anderson County Hazard Mitigation Committee approximately one year prior to the plan's expiration date. The review of the plan will include updating the planning process, the hazard profiles, the risk assessment, the vulnerability assessment, the mitigation strategies, and the plan maintenance descriptions.

The five-year plan update will also include soliciting other interested persons/agencies to join the Mitigation Committee and a review of what has been accomplished in the past 5 years. The Anderson County Hazard Mitigation Committee's goal is to have at least 5 meetings within this time span; dates, public notices, and objectives for these meetings will be determined by Anderson County Emergency Management.

Five months prior to the plan's expiration date, Anderson County Emergency Management will submit the revised plan to the Tennessee Emergency Management Agency for preliminary review. Upon approval by the state, TEMA will submit the updated plan to FEMA for review.

Once Anderson County has attained the designation of the plan's approval pending adoption, each jurisdiction will adopt the plan through a resolution within a year.

Incorporation into Planning Mechanisms

By incorporating the Anderson County Multi-Jurisdictional Hazard Mitigation Plan into other planning documents and mechanisms, information contained in the mitigation plan can help fill-in

missing gaps in existing documents, can contribute to already existing mitigation-based projects, and can create a strengthen stance of mitigation implementation and awareness within the county and its jurisdictions.

The committee discussed incorporating this plan into other plans that exist within the County and all jurisdictions within and due to other jurisdictional priorities and demands (especially during this COVID-19 pandemic), no other plans or options were identified by the members. What you see below is what was discussed and documented. As required, this will be discussed within committee during the next plan update.

Some of the mechanisms that the Anderson County Multi-Jurisdictional Hazard Mitigation Plan could be incorporated into include:

- Anderson County Emergency Operations Plan
- Building Codes
- Floodplain management

The process of incorporating the hazard mitigation plan into other plans will begin during the other plan's update cycles. Anderson County Emergency Management will first review the plans side-by-side, and where deemed necessary, Emergency Management will make notes on how mitigation concepts and actions can be incorporated into the other plans. These recommendations will be submitted to the lead agencies of the other planning mechanisms for them to place relevant information within the documents.

Continued Public Participation

The Anderson County Mitigation Committee will strive to involve the public in future mitigation activities. This will be accomplished by continuing to post Mitigation Committee Meeting dates in the local newspaper, by attempting to have a public mitigation meeting once a year, by providing public access to copies of the Anderson County Multi-Jurisdictional Hazard Mitigation Plan in the local emergency management office, and by soliciting other interested persons to participate in the mitigation planning process. By implementing these methods, the public will have an opportunity to comment on the plan during the update drafting stage and prior to plan approval.

Appendix 1

Attendance Sheet Meeting #1

Anderson Co. EMA Hazard Mitigation Committee Mtg. 9-21-21

NAME	AGENCY	EMAIL	PHONE NUMBER
Karen Oaten	Anderson Co. EMA		680-2435
Josh Garner	EMA	joshua.d.garner@tcn.ga.gov	578-2173
Thomas McCombs	Oliver Springs	oscitymanager@gmail.com	351-7845
David Laxton	Oliver Springs PD	david.laxton@oliversprings-tx.gov	865-804-8195
Mary Long			680-8791
Mark Whitwell	ACSD		714-9708
Steve Payne	AC EMA	paynkey@hotmail.com	888-6050
Scott Thomas	AC EMS	ssthomas@andersonema.com	865-316-4714
NICHELLE KLEIN	TEMA		
Bl Boyd	ORFD	bjboyd@outsideof.com	865-425-558
Jody Durham	ORFD	jdurham@ostk.idgeth.gov	(865) 776-9678
STEPHANIE FOX	MARLOW VFD	MARLOWVFD@GMAIL.COM	865-817-2710
AMBERA PETERS	ANDERSONVILLE VFD	AMBERAPETERS@GMAIL.COM	865-455-7538
Mike Pook	Norris P.D.	mpook@norrispd@gmail.com	865-494-0800
JAMES STEPHENSON	Rocky Top PD	JSTEPHENSON@ROCKYTOPYTN.ORG	
ROBERT SEXTON	ANDERSON CO SO	RSEXTON@TUNASO.NET	865-782-0577

Appendix 2

Public Notices

Publisher's Affidavit

I do solemnly swear that the attached Notice was published for 1 consecutive weeks in The Courier News on the following dates:

9/8/21

Signed: _____

Publisher or Editor

Subscribed and sworn to before me this, the 29th day of September, 2021

Notary Public

My Commission Expires: 9/28/24

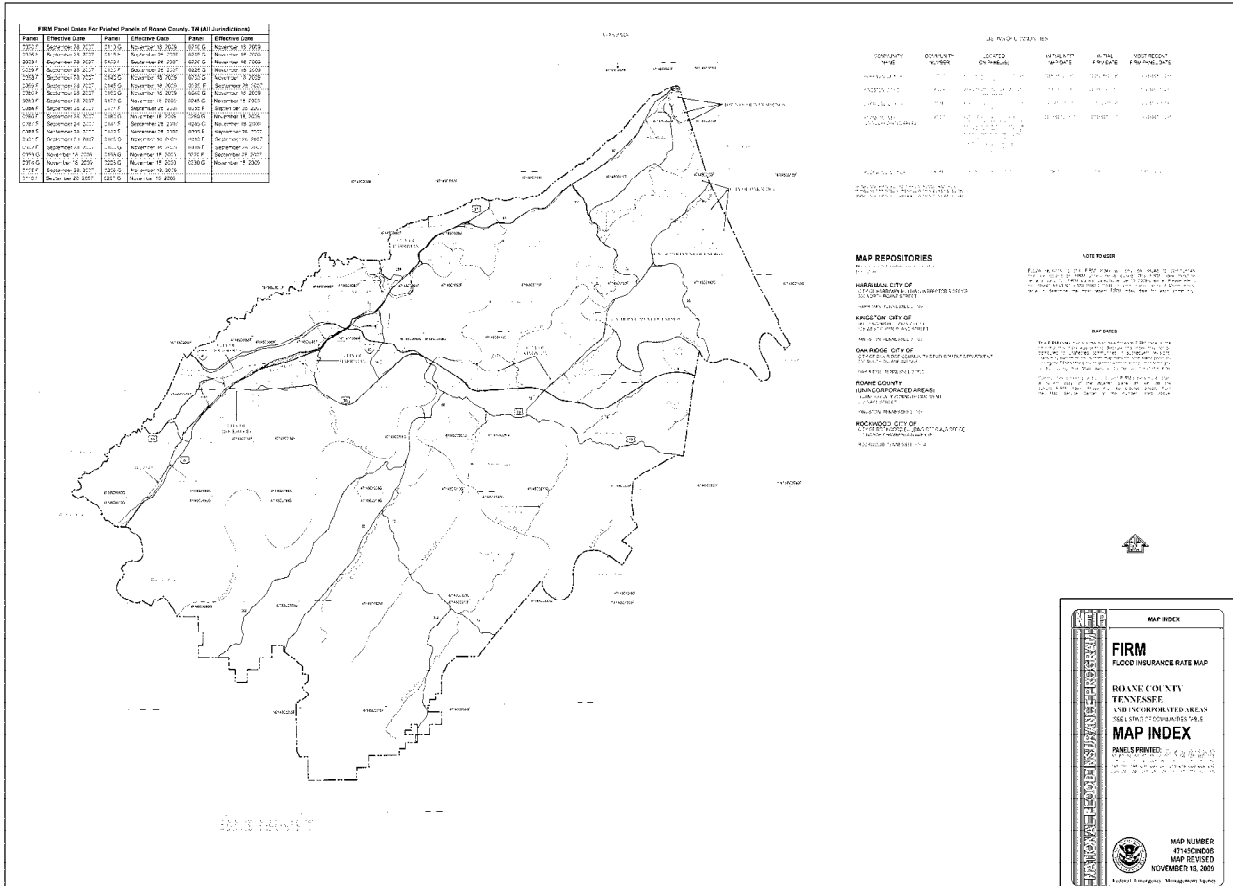


NOTICE

The Anderson County Emergency Management Agency will host a Anderson County Hazard Mitigation Committee Meeting at 9:30 a.m. on September 21 in room #312 of the Anderson County Courthouse. The purpose of this meeting is to review past hazards and disasters which will lead to discussions surrounding beneficial projects Anderson County can put into place to help reduce long-term impacts from disastrous events. The meeting will also help Anderson County Emergency Management Agency develop a meaningful and Federal Emergency Management Agency approved Hazard Mitigation plan to assist with understanding the true impacts of natural disaster events along with being eligible for future grants to assist with paying for the projects. Anyone interested in attending can call the Anderson County Emergency Management Agency Office at 865-264-6394 for additional information.

Appendix 3

Firm Panels

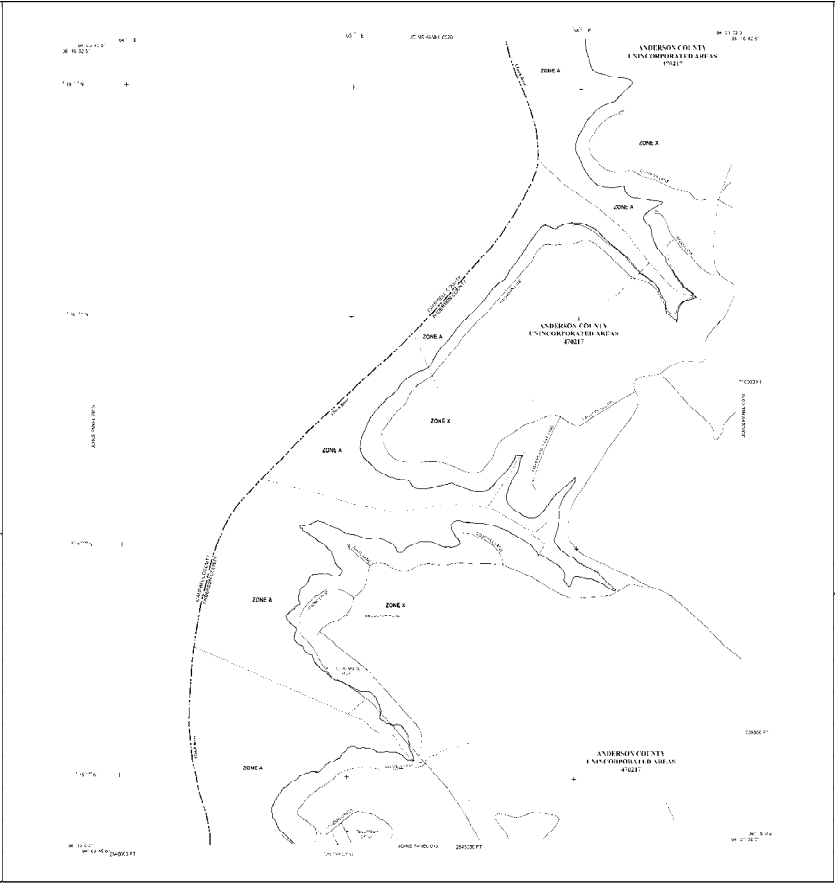


NOTES TO USERS

This map was prepared by the Tennessee Department of Transportation (TennDOT) in cooperation with the Federal Emergency Management Agency (FEMA) and the National Flood Insurance Program (NFIP). The map shows the Special Flood Hazard Areas (SFHAs) for Anderson County, Tennessee, based on the Flood Insurance Rate Map (FIRM) for Anderson County, Tennessee, dated 08/01/2013.

The map is divided into several zones, including Zone A, Zone X, and Zone V. Zone A is the area of highest flood hazard, Zone X is the area of moderate flood hazard, and Zone V is the area of low flood hazard. The map also shows the Anderson County, Tennessee, Unincorporated Areas (UAs).

The map is intended for informational purposes only and should not be used for any other purpose. The map is subject to change without notice. The map is the property of the Tennessee Department of Transportation and is loaned to you for your use only. It is to be returned to the Tennessee Department of Transportation when you are finished with it.



LEGEND

Zone A
 Special Flood Hazard Area (SFHA) - Zone A: Areas with a 1% annual chance flood.

Zone X
 Special Flood Hazard Area (SFHA) - Zone X: Areas with a 1% annual chance flood, including areas with a 1% annual chance flood and a 1% annual chance flood.

Zone V
 Special Flood Hazard Area (SFHA) - Zone V: Areas with a 1% annual chance flood, including areas with a 1% annual chance flood and a 1% annual chance flood.

Anderson County, Tennessee, Unincorporated Areas (UAs)

Other Features:
 Major Road (2+ lanes)
 Minor Road (2 lanes)
 Railroad
 Waterway
 Boundary of Anderson County, Tennessee
 Boundary of Anderson County, Tennessee Unincorporated Areas (UAs)

Scale:
 1" = 1 Mile
 1" = 1 Kilometer

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY, TENNESSEE
UNINCORPORATED AREAS

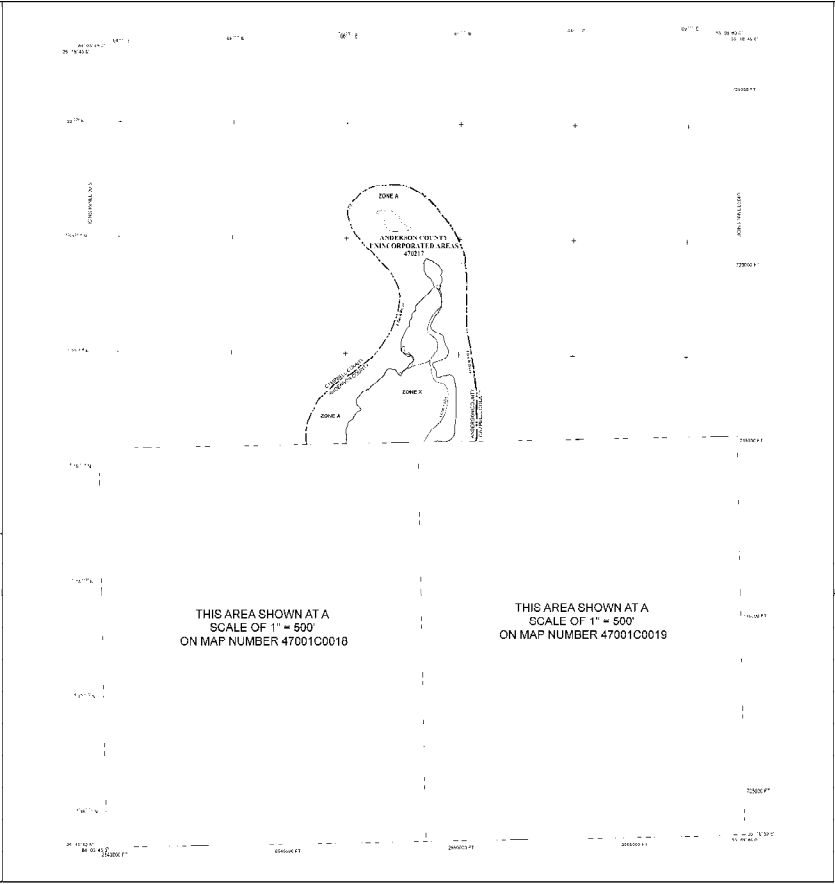
PANEL 19 OF 200
 08/01/2013

MAP NUMBER
408/01/13C
MAP REVISED
08/01/2013

Federal Emergency Management Agency

NOTES TO USERS

This map was prepared by the Tennessee Department of Transportation (TxDOT) and the Tennessee Department of Environment and Conservation (TDEC) for the purpose of determining flood insurance rates for the Anderson County, Tennessee, unincorporated areas. The map was prepared using the best available data and is intended for informational purposes only. It is not intended to be used as a basis for any legal action or as a substitute for a professional survey or engineering report. The map is subject to change without notice and is not guaranteed to be accurate or complete. The map is provided as a service to the public and is not intended to be used for any other purpose. The map is the property of TxDOT and TDEC and is not to be reproduced or distributed without their written permission. The map is provided as a service to the public and is not intended to be used for any other purpose. The map is the property of TxDOT and TDEC and is not to be reproduced or distributed without their written permission.



LEGEND

ZONE A
 Flood Insurance Rate Zone A
 Flood Insurance Rate Zone A (FIRM Panel 47001C0018)

ZONE B
 Flood Insurance Rate Zone B
 Flood Insurance Rate Zone B (FIRM Panel 47001C0019)

UNINCORPORATED AREAS
 Unincorporated Areas (FIRM Panel 47001C0018)

INCORPORATED AREAS
 Incorporated Areas (FIRM Panel 47001C0019)

WATER BODIES
 Water Bodies (FIRM Panel 47001C0018)

ROADS
 Roads (FIRM Panel 47001C0018)

RAILROADS
 Railroads (FIRM Panel 47001C0018)

BOUNDARIES
 Boundaries (FIRM Panel 47001C0018)

PROPERTY LINES
 Property Lines (FIRM Panel 47001C0018)

UTILITIES
 Utilities (FIRM Panel 47001C0018)

TOPOGRAPHY
 Topography (FIRM Panel 47001C0018)

MAP SCALE = 1" = 500'

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY, TENNESSEE
UNINCORPORATED AREAS

PANEL 28 OF 200
DATE OF FIRM PANEL 10/19/93
DATE OF REVISION 03/09/99

MAP NUMBER 47001C0018
MAP REVISION 03/09/99

FEDERAL BUREAU OF INVESTIGATION

NOTES TO USERS

1. FIRM FLOOD INSURANCE RATE MAPS (FIRM FLOOD INSURANCE RATE MAPS) ARE THE BASIS FOR THE DETERMINATION OF FLOOD INSURANCE RATES AND FLOOD INSURANCE COVERAGE. THESE MAPS ARE THE PROPERTY OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM FEMA.

2. FIRM FLOOD INSURANCE RATE MAPS (FIRM FLOOD INSURANCE RATE MAPS) ARE THE BASIS FOR THE DETERMINATION OF FLOOD INSURANCE RATES AND FLOOD INSURANCE COVERAGE. THESE MAPS ARE THE PROPERTY OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM FEMA.

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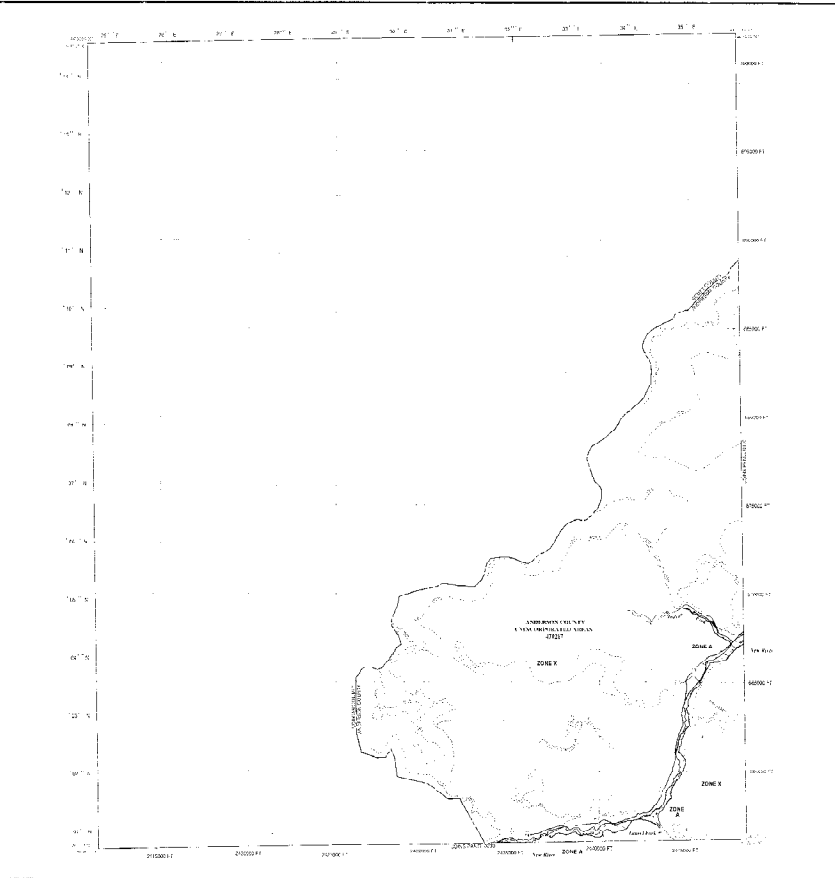
6. FIRM FLOOD INSURANCE RATE MAPS (FIRM FLOOD INSURANCE RATE MAPS) ARE THE BASIS FOR THE DETERMINATION OF FLOOD INSURANCE RATES AND FLOOD INSURANCE COVERAGE. THESE MAPS ARE THE PROPERTY OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM FEMA.

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LEGEND

UNDEVELOPED AREA

ZONE X

ZONE Y

ZONE Z

ZONE AA

ZONE BB

ZONE CC

ZONE DD

ZONE EE

ZONE FF

ZONE GG

ZONE HH

ZONE II

ZONE JJ

ZONE KK

ZONE LL

ZONE MM

ZONE NN

ZONE OO

ZONE PP

ZONE QQ

ZONE RR

ZONE SS

ZONE TT

ZONE UU

ZONE VV

ZONE WW

ZONE XX

ZONE YY

ZONE ZZ

ZONE AAA

ZONE BBB

ZONE CCC

ZONE DDD

ZONE EEE

ZONE FFF

ZONE GGG

ZONE HHH

ZONE III

ZONE JJJ

ZONE KKK

ZONE LLL

ZONE MMM

ZONE NNN

ZONE OOO

ZONE PPP

ZONE QQQ

ZONE RRR

ZONE SSS

ZONE TTT

ZONE UUU

ZONE VVV

ZONE WWW

ZONE XXX

ZONE YYY

ZONE ZZZ

ZONE AAAA

ZONE BBBB

ZONE CCCC

ZONE DDDD

ZONE EEEE

ZONE FFFF

ZONE GGGG

ZONE HHHH

ZONE IIII

ZONE JJJJ

ZONE KKKK

ZONE LLLL

ZONE MMMM

ZONE NNNN

ZONE OOOO

ZONE PPPP

ZONE QQQQ

ZONE RRRR

ZONE SSSS

ZONE TTTT

ZONE UUUU

ZONE VVVV

ZONE WWWW

ZONE XXXX

ZONE YYYY

ZONE ZZZZ

ZONE AAAA

ZONE BBBB

ZONE CCCC

ZONE DDDD

ZONE EEEE

ZONE FFFF

ZONE GGGG

ZONE HHHH

ZONE IIII

ZONE JJJJ

ZONE KKKK

ZONE LLLL

ZONE MMMM

ZONE NNNN

ZONE OOOO

ZONE PPPP

ZONE QQQQ

ZONE RRRR

ZONE SSSS

ZONE TTTT

ZONE UUUU

ZONE VVVV

ZONE WWWW

ZONE XXXX

ZONE YYYY

ZONE ZZZZ

PANEL 007F

FIRM FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE

AND UNDEVELOPED AREAS

JANUARY 1987

MAP NUMBER 650007F

EFFECTIVE DATE

FEDERAL EMERGENCY MANAGEMENT AGENCY

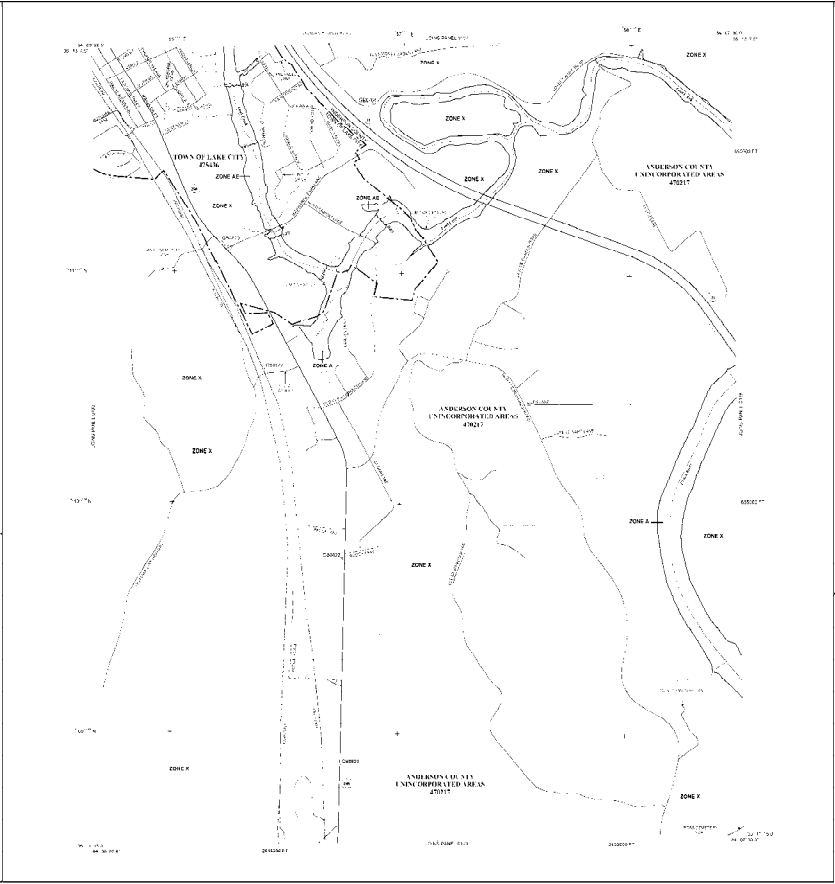
NOTES TO USERS

This Flood Insurance Rate Map (FIRM) is a product of the National Flood Insurance Program (NFIP) and is intended to provide information on the flood hazard areas in Anderson County, Tennessee. The FIRM is based on the best available data and is subject to change as more information becomes available.

The FIRM is divided into several zones, each with its own set of flood insurance rates. The zones are defined as follows:

- Zone A:** Special Flood Hazard Area (SFHA) - Areas with a 1% annual chance flood.
- Zone B:** SFHA - Areas with a 1% annual chance flood.
- Zone C:** SFHA - Areas with a 1% annual chance flood.
- Zone D:** SFHA - Areas with a 1% annual chance flood.
- Zone E:** SFHA - Areas with a 1% annual chance flood.
- Zone F:** SFHA - Areas with a 1% annual chance flood.
- Zone G:** SFHA - Areas with a 1% annual chance flood.
- Zone H:** SFHA - Areas with a 1% annual chance flood.
- Zone I:** SFHA - Areas with a 1% annual chance flood.
- Zone J:** SFHA - Areas with a 1% annual chance flood.
- Zone K:** SFHA - Areas with a 1% annual chance flood.
- Zone L:** SFHA - Areas with a 1% annual chance flood.
- Zone M:** SFHA - Areas with a 1% annual chance flood.
- Zone N:** SFHA - Areas with a 1% annual chance flood.
- Zone O:** SFHA - Areas with a 1% annual chance flood.
- Zone P:** SFHA - Areas with a 1% annual chance flood.
- Zone Q:** SFHA - Areas with a 1% annual chance flood.
- Zone R:** SFHA - Areas with a 1% annual chance flood.
- Zone S:** SFHA - Areas with a 1% annual chance flood.
- Zone T:** SFHA - Areas with a 1% annual chance flood.
- Zone U:** SFHA - Areas with a 1% annual chance flood.
- Zone V:** SFHA - Areas with a 1% annual chance flood.
- Zone W:** SFHA - Areas with a 1% annual chance flood.
- Zone X:** SFHA - Areas with a 1% annual chance flood.
- Zone Y:** SFHA - Areas with a 1% annual chance flood.
- Zone Z:** SFHA - Areas with a 1% annual chance flood.

The FIRM is subject to change as more information becomes available. The FIRM is intended to provide information on the flood hazard areas in Anderson County, Tennessee. The FIRM is based on the best available data and is subject to change as more information becomes available.



LEGEND

Zone A: Special Flood Hazard Area (SFHA) - Areas with a 1% annual chance flood.

Zone B: SFHA - Areas with a 1% annual chance flood.

Zone C: SFHA - Areas with a 1% annual chance flood.

Zone D: SFHA - Areas with a 1% annual chance flood.

Zone E: SFHA - Areas with a 1% annual chance flood.

Zone F: SFHA - Areas with a 1% annual chance flood.

Zone G: SFHA - Areas with a 1% annual chance flood.

Zone H: SFHA - Areas with a 1% annual chance flood.

Zone I: SFHA - Areas with a 1% annual chance flood.

Zone J: SFHA - Areas with a 1% annual chance flood.

Zone K: SFHA - Areas with a 1% annual chance flood.

Zone L: SFHA - Areas with a 1% annual chance flood.

Zone M: SFHA - Areas with a 1% annual chance flood.

Zone N: SFHA - Areas with a 1% annual chance flood.

Zone O: SFHA - Areas with a 1% annual chance flood.

Zone P: SFHA - Areas with a 1% annual chance flood.

Zone Q: SFHA - Areas with a 1% annual chance flood.

Zone R: SFHA - Areas with a 1% annual chance flood.

Zone S: SFHA - Areas with a 1% annual chance flood.

Zone T: SFHA - Areas with a 1% annual chance flood.

Zone U: SFHA - Areas with a 1% annual chance flood.

Zone V: SFHA - Areas with a 1% annual chance flood.

Zone W: SFHA - Areas with a 1% annual chance flood.

Zone X: SFHA - Areas with a 1% annual chance flood.

Zone Y: SFHA - Areas with a 1% annual chance flood.

Zone Z: SFHA - Areas with a 1% annual chance flood.

Other Features:

- Water
- Highway
- Railroad
- County Line
- City Line
- Unincorporated Area
- Other

Scale: 1" = 1/4" (Graphic Scale)

North Arrow: (Graphic North Arrow)

Panel 48855

FIRM

FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE UNINCORPORATED AREAS

Panel 488 of 500

Scale: 1" = 1/4"

Map Number: 4880840C

Map Revised: May 2, 2015

National Flood Insurance Program

Federal Emergency Management Agency

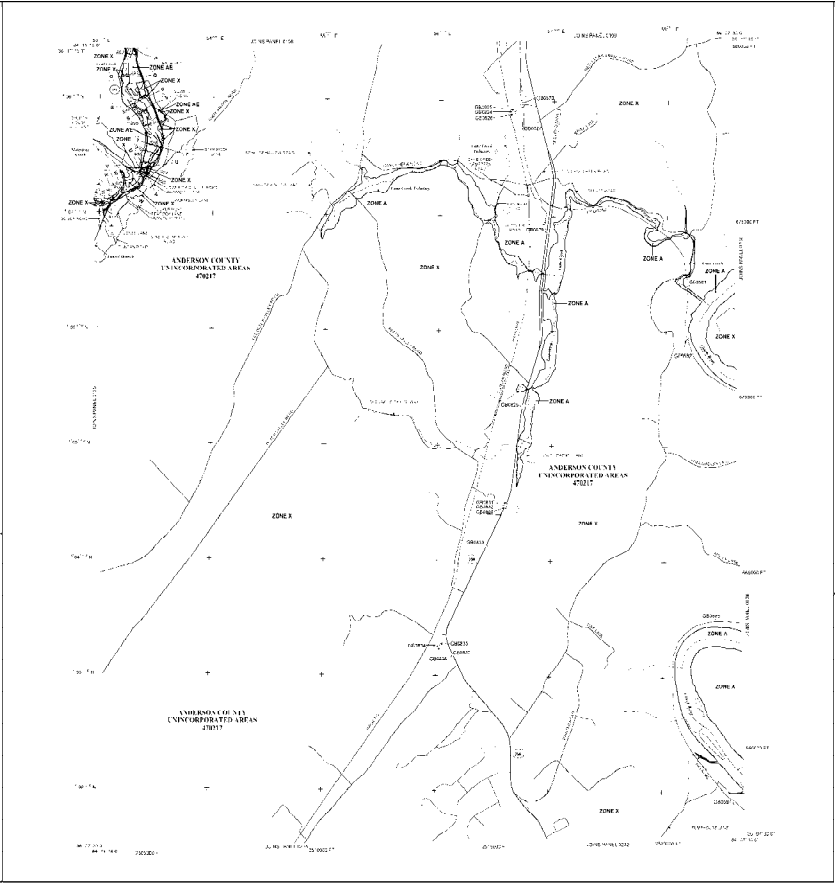
NOTES TO USERS

This map was prepared for the purpose of showing the flood insurance rate zones for the Anderson County, Tennessee, unincorporated areas. The map is based on the Flood Insurance Rate Study (FIRS) data for the year 2003. The map is not intended to be used for any other purpose.

The map shows the flood insurance rate zones for the Anderson County, Tennessee, unincorporated areas. The zones are based on the Flood Insurance Rate Study (FIRS) data for the year 2003. The zones are shown on the map as follows:

- Zone X: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone AE: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood, with Average Depth of 1 to 3 Feet
- Zone A: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone V: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood, with Average Depth of 1 to 3 Feet
- Zone D: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood, with Average Depth of 1 to 3 Feet
- Zone B: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone C: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone E: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone F: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone G: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
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- Zone M: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone N: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone O: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone P: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Q: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone R: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone S: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone T: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone U: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone V: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone W: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone X: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Y: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Z: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

The map is based on the Flood Insurance Rate Study (FIRS) data for the year 2003. The map is not intended to be used for any other purpose.



LEGEND

ZONE X Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE AE Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood, with Average Depth of 1 to 3 Feet

ZONE A Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE V Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood, with Average Depth of 1 to 3 Feet

ZONE D Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood, with Average Depth of 1 to 3 Feet

ZONE B Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE C Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE E Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE F Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE G Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE H Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE I Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE J Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE K Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE L Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE M Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE N Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE O Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE P Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE Q Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE R Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE S Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE T Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE U Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE V Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE W Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE X Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE Y Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

ZONE Z Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Other Features:

- Water
- Highway
- Road
- County Line
- City Line
- Waterway
- Stream
- Canal
- Ditch
- Drainage Canal
- Other

Scale: 1" = 100'

Panel #1000

FIRM
FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE UNINCORPORATED AREAS

PANEL #10 OF 300
ANDERSON COUNTY, TENNESSEE UNINCORPORATED AREAS

MAP NUMBER: 4808/0300
MAP REVISED: MAY 4, 2003

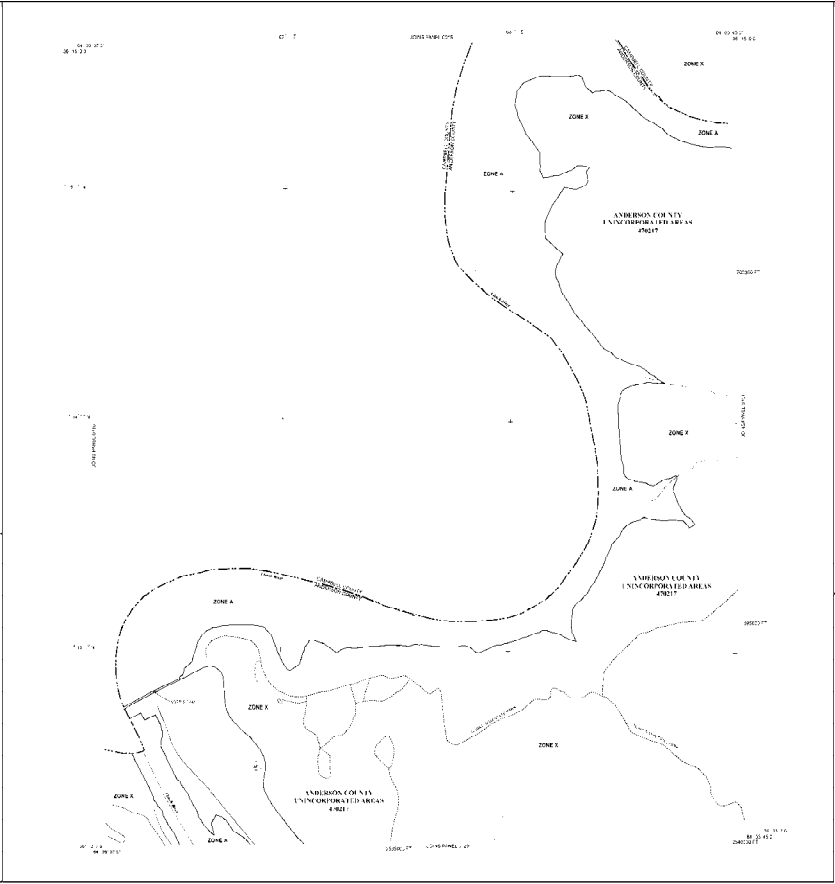
NATIONAL FLOOD INSURANCE PROGRAM

Federal Emergency Management Agency

NOTES TO USERS

This map was prepared by the Anderson County Flood Control District (ACFD) in accordance with the provisions of the Flood Control Act of 1954, as amended, and the Flood Control Administration Act of 1958, as amended. The ACFD is a political subdivision of Anderson County, Tennessee, and is authorized to prepare and issue flood insurance rate maps for the purpose of insuring against flood damage.

The map shows the flood insurance rate zones for the Anderson County Unincorporated Areas. The zones are based on the Flood Insurance Rate Manual (FIRM) published by the Federal Emergency Management Agency (FEMA). The zones are: Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z, Zone AA, Zone AB, Zone AC, Zone AD, Zone AE, Zone AF, Zone AG, Zone AH, Zone AI, Zone AJ, Zone AK, Zone AL, Zone AM, Zone AN, Zone AO, Zone AP, Zone AQ, Zone AR, Zone AS, Zone AT, Zone AU, Zone AV, Zone AW, Zone AX, Zone AY, Zone AZ, Zone BA, Zone BB, Zone BC, Zone BD, Zone BE, Zone BF, Zone BG, Zone BH, Zone BI, Zone BJ, Zone BK, Zone BL, Zone BM, Zone BN, Zone BO, Zone BP, Zone BQ, Zone BR, Zone BS, Zone BT, Zone BU, Zone BV, Zone BW, Zone BX, Zone BY, Zone BZ, Zone CA, Zone CB, Zone CC, Zone CD, Zone CE, Zone CF, Zone CG, Zone CH, Zone CI, Zone CJ, Zone CK, Zone CL, Zone CM, Zone CN, Zone CO, Zone CP, Zone CQ, Zone CR, Zone CS, Zone CT, Zone CU, Zone CV, Zone CW, Zone CX, Zone CY, Zone CZ, Zone DA, Zone DB, Zone DC, Zone DD, Zone DE, Zone DF, Zone DG, Zone DH, 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Zone LW, Zone LX, Zone LY, Zone LZ, Zone MA, Zone MB, Zone MC, Zone MD, Zone ME, Zone MF, Zone MG, Zone MH, Zone MI, Zone MJ, Zone MK, Zone ML, Zone MM, Zone MN, Zone MO, Zone MP, Zone MQ, Zone MR, Zone MS, Zone MT, Zone MU, Zone MV, Zone MW, Zone MX, Zone MY, Zone MZ, Zone NA, Zone NB, Zone NC, Zone ND, Zone NE, Zone NF, Zone NG, Zone NH, Zone NI, Zone NJ, Zone NK, Zone NL, Zone NM, Zone NN, Zone NO, Zone NP, Zone NQ, Zone NR, Zone NS, Zone NT, Zone NU, Zone NV, Zone NW, Zone NX, Zone NY, Zone NZ, Zone OA, Zone OB, Zone OC, Zone OD, Zone OE, Zone OF, Zone OG, Zone OH, Zone OI, Zone OJ, Zone OK, Zone OL, Zone OM, Zone ON, Zone OO, Zone OP, Zone OQ, Zone OR, Zone OS, Zone OT, Zone OU, Zone OV, Zone OW, Zone OX, Zone OY, Zone OZ, Zone PA, Zone PB, Zone PC, Zone PD, Zone PE, Zone PF, Zone PG, Zone PH, Zone PI, Zone PJ, Zone PK, Zone PL, Zone PM, Zone PN, Zone PO, Zone PP, Zone PQ, Zone PR, Zone PS, Zone PT, Zone PU, Zone PV, Zone PW, Zone PX, Zone PY, Zone PZ, Zone QA, Zone QB, Zone QC, Zone QD, Zone QE, Zone QF, Zone QG, Zone QH, Zone QI, Zone QJ, Zone QK, Zone QL, Zone QM, Zone QN, Zone QO, Zone QP, Zone QQ, Zone QR, Zone QS, Zone QT, Zone QU, Zone QV, Zone QW, Zone QX, Zone QY, Zone QZ, Zone RA, Zone RB, Zone RC, Zone RD, Zone RE, Zone RF, Zone RG, Zone RH, Zone RI, Zone RJ, Zone RK, Zone RL, Zone RM, Zone RN, Zone RO, Zone RP, Zone RQ, Zone RR, Zone RS, Zone RT, Zone RU, Zone RV, Zone RW, Zone RX, Zone RY, Zone RZ, Zone SA, Zone SB, Zone SC, Zone SD, Zone SE, Zone SF, Zone SG, Zone SH, Zone SI, Zone SJ, Zone SK, Zone SL, Zone SM, Zone SN, Zone SO, Zone SP, Zone SQ, Zone SR, Zone SS, Zone ST, Zone SU, Zone SV, Zone SW, Zone SX, Zone SY, Zone SZ, Zone TA, Zone TB, Zone TC, Zone TD, Zone TE, Zone TF, Zone TG, Zone TH, Zone TI, Zone TJ, Zone TK, Zone TL, Zone TM, Zone TN, Zone TO, Zone TP, Zone TQ, Zone TR, Zone TS, Zone TT, Zone TU, Zone TV, Zone TW, Zone TX, Zone TY, Zone TZ, Zone UA, Zone UB, Zone UC, Zone UD, Zone UE, Zone UF, Zone UG, Zone UH, Zone UI, Zone UJ, Zone UK, Zone UL, Zone UM, Zone UN, Zone UO, Zone UP, Zone UQ, Zone UR, Zone US, Zone UT, Zone UY, Zone UZ, Zone VA, Zone VB, Zone VC, Zone VD, Zone VE, Zone VF, Zone VG, Zone VH, Zone VI, Zone VJ, Zone VK, Zone VL, Zone VM, Zone VN, Zone VO, Zone VP, Zone VQ, Zone VR, Zone VS, Zone VT, Zone VY, Zone VZ, Zone WA, Zone WB, Zone WC, Zone WD, Zone WE, Zone WF, Zone WG, Zone WH, Zone WI, Zone WJ, Zone WK, Zone WL, Zone WM, Zone WN, Zone WO, Zone WP, Zone WQ, Zone WR, Zone WS, Zone WT, Zone WY, Zone WZ, Zone XA, Zone XB, Zone XC, Zone XD, Zone XE, Zone XF, Zone XG, Zone XH, Zone XI, Zone XJ, Zone XK, Zone XL, Zone XM, Zone XN, Zone XO, Zone XP, Zone XQ, Zone XR, Zone XS, Zone XT, Zone XY, Zone XZ, Zone YA, Zone YB, Zone YC, Zone YD, Zone YE, Zone YF, Zone YG, Zone YH, Zone YI, Zone YJ, Zone YK, Zone YL, Zone YM, Zone YN, Zone YO, Zone YP, Zone YQ, Zone YR, Zone YS, Zone YT, Zone YZ, Zone ZA, Zone ZB, Zone ZC, Zone ZD, Zone ZE, Zone ZF, Zone ZG, Zone ZH, Zone ZI, Zone ZJ, Zone ZK, Zone ZL, Zone ZM, Zone ZN, Zone ZO, Zone ZP, Zone ZQ, Zone ZR, Zone ZS, Zone ZT, Zone ZY, Zone ZZ.



LEGEND

Zone A (Solid line): Special Flood Hazard Area (SFHA) - Zone A (1% Annual Chance Flood)

Zone B (Dashed line): SFHA - Zone B (1% Annual Chance Flood)

Zone C (Dotted line): SFHA - Zone C (1% Annual Chance Flood)

Zone D (Horizontal dashed line): SFHA - Zone D (1% Annual Chance Flood)

Zone E (Vertical dashed line): SFHA - Zone E (1% Annual Chance Flood)

Zone F (Diagonal dashed line): SFHA - Zone F (1% Annual Chance Flood)

Zone G (Diagonal dotted line): SFHA - Zone G (1% Annual Chance Flood)

Zone H (Diagonal solid line): SFHA - Zone H (1% Annual Chance Flood)

Zone I (Diagonal solid line): SFHA - Zone I (1% Annual Chance Flood)

Zone J (Diagonal solid line): SFHA - Zone J (1% Annual Chance Flood)

Zone K (Diagonal solid line): SFHA - Zone K (1% Annual Chance Flood)

Zone L (Diagonal solid line): SFHA - Zone L (1% Annual Chance Flood)

Zone M (Diagonal solid line): SFHA - Zone M (1% Annual Chance Flood)

Zone N (Diagonal solid line): SFHA - Zone N (1% Annual Chance Flood)

Zone O (Diagonal solid line): SFHA - Zone O (1% Annual Chance Flood)

Zone P (Diagonal solid line): SFHA - Zone P (1% Annual Chance Flood)

Zone Q (Diagonal solid line): SFHA - Zone Q (1% Annual Chance Flood)

Zone R (Diagonal solid line): SFHA - Zone R (1% Annual Chance Flood)

Zone S (Diagonal solid line): SFHA - Zone S (1% Annual Chance Flood)

Zone T (Diagonal solid line): SFHA - Zone T (1% Annual Chance Flood)

Zone U (Diagonal solid line): SFHA - Zone U (1% Annual Chance Flood)

Zone V (Diagonal solid line): SFHA - Zone V (1% Annual Chance Flood)

Zone W (Diagonal solid line): SFHA - Zone W (1% Annual Chance Flood)

Zone X (Diagonal solid line): SFHA - Zone X (1% Annual Chance Flood)

Zone Y (Diagonal solid line): SFHA - Zone Y (1% Annual Chance Flood)

Zone Z (Diagonal solid line): SFHA - Zone Z (1% Annual Chance Flood)

Other symbols: Major Road, Minor Road, Waterway, Elevation Contour, etc.

Scale: 1" = 100'

Panel 41275

FIRM
FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE UNINCORPORATED AREAS

Panel 41275 of 300
2015 Edition of the Flood Insurance Rate Manual (FIRM) published by the Federal Emergency Management Agency (FEMA)

MAP NUMBER: 40808-02C
MAP REVISED: MAY 4, 2015

Edward R. Johnson Management Agency

NOTES TO USERS

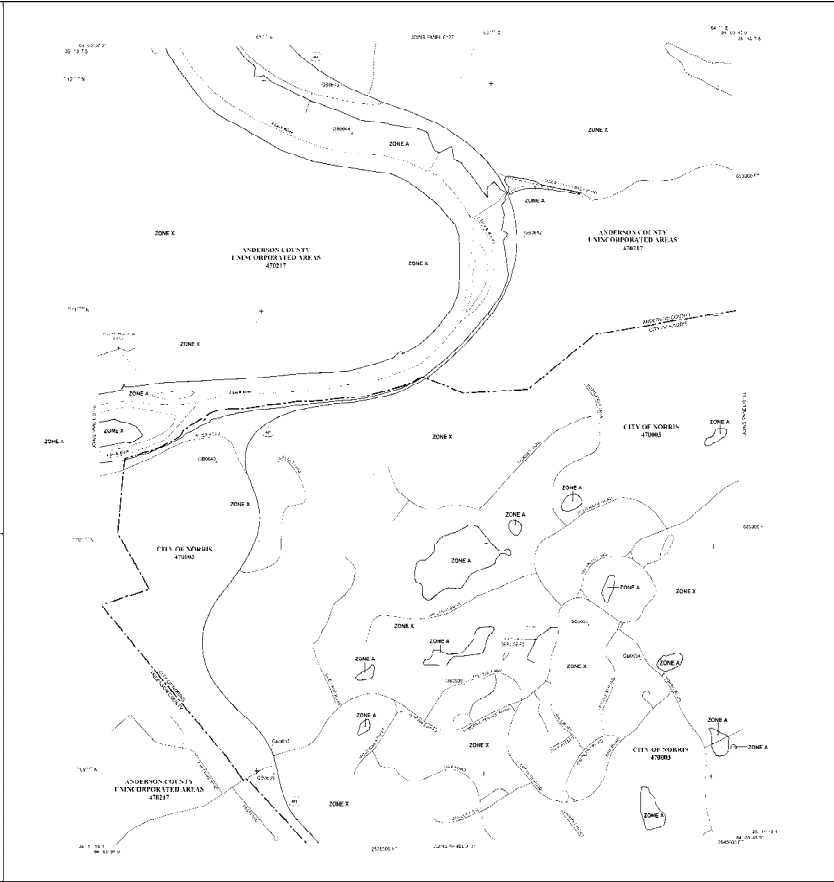
This map was prepared by the Anderson County Flood Control District (ACFC) for the purpose of determining flood hazard areas for the Anderson County Flood Control District. The map was prepared using the best available data and is intended to provide a general indication of flood hazard areas. It is not intended to be used as a basis for engineering or other professional services. The user is advised to consult the ACFC for more information.

General Flood Hazard Information:

The map shows flood hazard areas for the Anderson County Flood Control District. The areas are divided into zones based on the type of flood hazard. The zones are defined as follows:

- Zone A:** Areas of moderate flood hazard.
- Zone B:** Areas of minor flood hazard.
- Zone C:** Areas of very minor flood hazard.
- Zone D:** Areas of no flood hazard.

The map also shows the locations of the cities of Morris, Newell, and Surrency. The map was prepared by the Anderson County Flood Control District and is intended to provide a general indication of flood hazard areas. It is not intended to be used as a basis for engineering or other professional services. The user is advised to consult the ACFC for more information.



LEGEND

Zone A: Areas of moderate flood hazard.

Zone B: Areas of minor flood hazard.

Zone C: Areas of very minor flood hazard.

Zone D: Areas of no flood hazard.

City of Morris: City boundary.

City of Newell: City boundary.

City of Surrency: City boundary.

Anderson County Flood Control District: District boundary.

Scale: 1 inch = 1 mile.

North Arrow: Indicated by a star symbol.

Map Number: 48808-FDC

Map Revised: May 2, 2015

Anderson County Flood Control District

Anderson County, Tennessee

FIRM FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE UNINCORPORATED AREAS

PANEL 828 OF 300

DATE OF STUDY: 2015

DATE OF MAP: 2015

DATE OF REVISION: 2015

MAP NUMBER: 48808-FDC

MAP REVISED: MAY 2, 2015

Anderson County Flood Control District

Anderson County, Tennessee

NOTES TO USERS

1. This map is based on the most current information available to the Federal Emergency Management Agency (FEMA) as of the date of the map. It is not intended to be used for any purpose other than flood insurance rating.

2. The map shows the general location of the flood hazard areas. It does not show the exact location of the flood hazard areas. The flood hazard areas are shown in general terms only.

3. The map is based on the most current information available to FEMA as of the date of the map. It is not intended to be used for any purpose other than flood insurance rating.

4. The map shows the general location of the flood hazard areas. It does not show the exact location of the flood hazard areas. The flood hazard areas are shown in general terms only.

5. The map is based on the most current information available to FEMA as of the date of the map. It is not intended to be used for any purpose other than flood insurance rating.

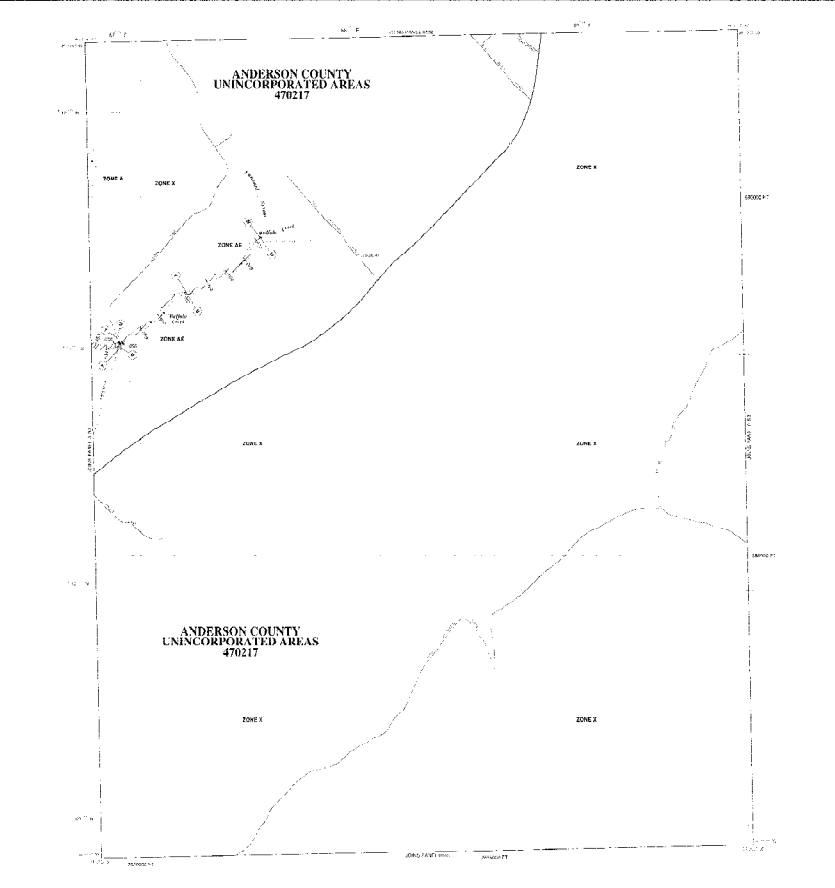
6. The map shows the general location of the flood hazard areas. It does not show the exact location of the flood hazard areas. The flood hazard areas are shown in general terms only.

7. The map is based on the most current information available to FEMA as of the date of the map. It is not intended to be used for any purpose other than flood insurance rating.

8. The map shows the general location of the flood hazard areas. It does not show the exact location of the flood hazard areas. The flood hazard areas are shown in general terms only.

9. The map is based on the most current information available to FEMA as of the date of the map. It is not intended to be used for any purpose other than flood insurance rating.

10. The map shows the general location of the flood hazard areas. It does not show the exact location of the flood hazard areas. The flood hazard areas are shown in general terms only.



Legend

1. Special Flood Hazard Areas (SFHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

2. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

3. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

4. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

5. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

6. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

7. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

8. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

9. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

10. Flood Hazard Areas (FHA) - Zone A, Zone B, Zone C, Zone D, Zone E, Zone F, Zone G, Zone H, Zone I, Zone J, Zone K, Zone L, Zone M, Zone N, Zone O, Zone P, Zone Q, Zone R, Zone S, Zone T, Zone U, Zone V, Zone W, Zone X, Zone Y, Zone Z

FIRM FLOOD INSURANCE RATE MAP
ANDERSON COUNTY, TENNESSEE
UNINCORPORATED AREAS

PANEL 0134F

FEDERAL EMERGENCY MANAGEMENT AGENCY

MAP NUMBER: 17091C0134F
 EFFECTIVE DATE: JANUARY 17, 2017

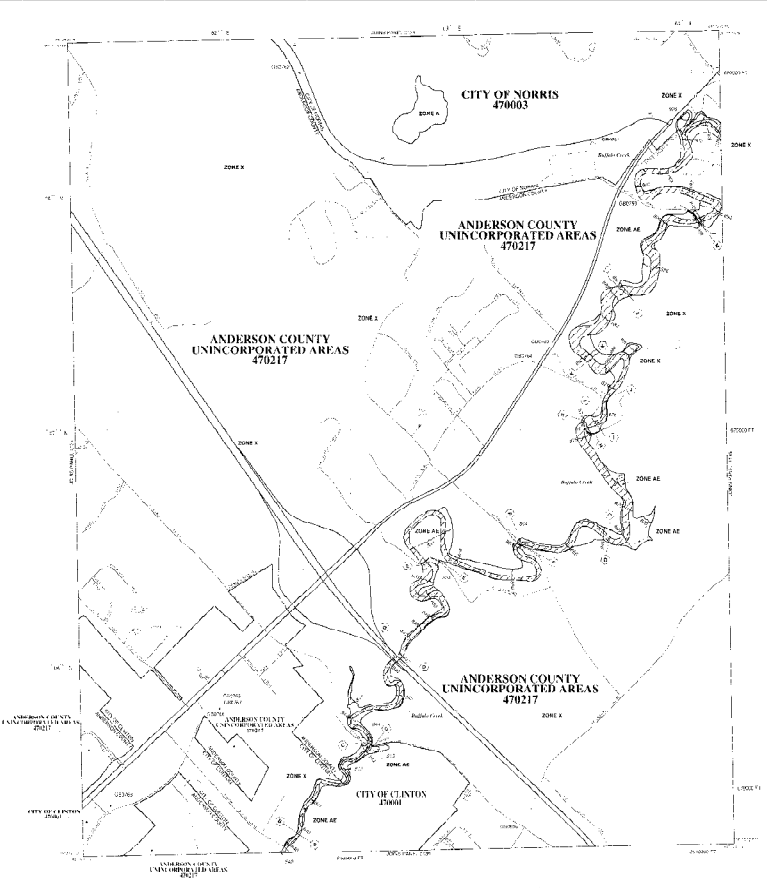
NOTES TO USERS

This map is an update to the Flood Insurance Rate Map (FIRM) for Anderson County, Tennessee, showing the extent of Special Flood Hazard Areas (SFHAs) as of January 17, 2007. The map is based on the Flood Insurance Study (FIS) for Anderson County, Tennessee, dated July 2006.

The FIRM is a technical drawing that shows the extent of Special Flood Hazard Areas (SFHAs) and the Flood Insurance Rate (FIR) for each area. The FIRM is a technical drawing that shows the extent of Special Flood Hazard Areas (SFHAs) and the Flood Insurance Rate (FIR) for each area. The FIRM is a technical drawing that shows the extent of Special Flood Hazard Areas (SFHAs) and the Flood Insurance Rate (FIR) for each area.

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LEGEND

[Symbol]	Special Flood Hazard Area
[Symbol]	Zone A
[Symbol]	Zone AE
[Symbol]	Zone X
[Symbol]	Zone XE
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area

OTHER FEATURES

[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area
[Symbol]	Other Flood Hazard Area

PANEL 0137

FIRM FLOOD INSURANCE RATE MAP
ANDERSON COUNTY, TENNESSEE
UNINCORPORATED AREAS

DATE OF STUDY
 JULY 2006

DATE OF MAP
 JANUARY 17, 2007

MAP NUMBER
 AT001019

OFFICIAL DATE
 JANUARY 17, 2007

U.S. DEPARTMENT OF COMMERCE
 FEDERAL EMERGENCY MANAGEMENT AGENCY

NOTES TO USERS

The map is a preliminary map. It is not intended to be used as a legal document. It is subject to change without notice. The map is not a warranty of any kind. It is provided for informational purposes only. The map is not a guarantee of any kind. It is provided for informational purposes only.

Zone I: Zone I is the area of the map that is designated as Zone I. It is the area of the map that is designated as Zone I.

Zone II: Zone II is the area of the map that is designated as Zone II. It is the area of the map that is designated as Zone II.

Zone III: Zone III is the area of the map that is designated as Zone III. It is the area of the map that is designated as Zone III.

Zone IV: Zone IV is the area of the map that is designated as Zone IV. It is the area of the map that is designated as Zone IV.

Zone V: Zone V is the area of the map that is designated as Zone V. It is the area of the map that is designated as Zone V.

Zone VI: Zone VI is the area of the map that is designated as Zone VI. It is the area of the map that is designated as Zone VI.

Zone VII: Zone VII is the area of the map that is designated as Zone VII. It is the area of the map that is designated as Zone VII.

Zone VIII: Zone VIII is the area of the map that is designated as Zone VIII. It is the area of the map that is designated as Zone VIII.

Zone IX: Zone IX is the area of the map that is designated as Zone IX. It is the area of the map that is designated as Zone IX.

Zone X: Zone X is the area of the map that is designated as Zone X. It is the area of the map that is designated as Zone X.

Zone XI: Zone XI is the area of the map that is designated as Zone XI. It is the area of the map that is designated as Zone XI.

Zone XII: Zone XII is the area of the map that is designated as Zone XII. It is the area of the map that is designated as Zone XII.

Zone XIII: Zone XIII is the area of the map that is designated as Zone XIII. It is the area of the map that is designated as Zone XIII.

Zone XIV: Zone XIV is the area of the map that is designated as Zone XIV. It is the area of the map that is designated as Zone XIV.

Zone XV: Zone XV is the area of the map that is designated as Zone XV. It is the area of the map that is designated as Zone XV.

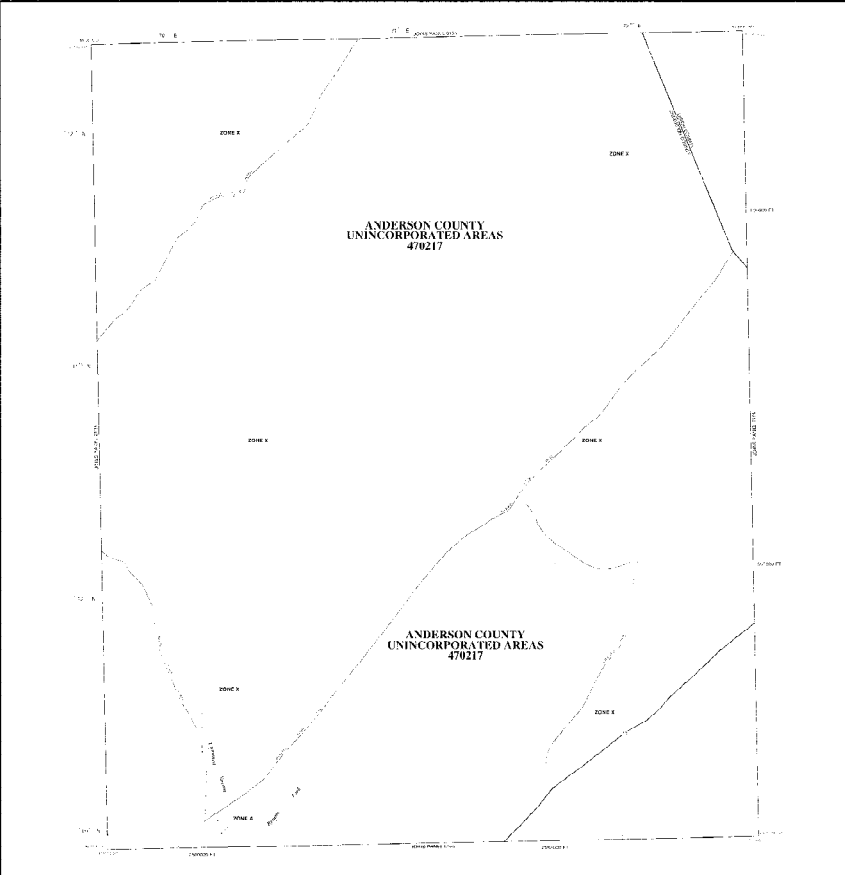
Zone XVI: Zone XVI is the area of the map that is designated as Zone XVI. It is the area of the map that is designated as Zone XVI.

Zone XVII: Zone XVII is the area of the map that is designated as Zone XVII. It is the area of the map that is designated as Zone XVII.

Zone XVIII: Zone XVIII is the area of the map that is designated as Zone XVIII. It is the area of the map that is designated as Zone XVIII.

Zone XIX: Zone XIX is the area of the map that is designated as Zone XIX. It is the area of the map that is designated as Zone XIX.

Zone XX: Zone XX is the area of the map that is designated as Zone XX. It is the area of the map that is designated as Zone XX.



LEGEND

[Symbol]	Zone I
[Symbol]	Zone II
[Symbol]	Zone III
[Symbol]	Zone IV
[Symbol]	Zone V
[Symbol]	Zone VI
[Symbol]	Zone VII
[Symbol]	Zone VIII
[Symbol]	Zone IX
[Symbol]	Zone X
[Symbol]	Zone XI
[Symbol]	Zone XII
[Symbol]	Zone XIII
[Symbol]	Zone XIV
[Symbol]	Zone XV
[Symbol]	Zone XVI
[Symbol]	Zone XVII
[Symbol]	Zone XVIII
[Symbol]	Zone XIX
[Symbol]	Zone XX

Map Scale 1" = 100'

PANEL 015P

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
UNINCORPORATED AREAS

PANEL 015 OF 100

MAP NUMBER 470217015P

EFFECTIVE DATE

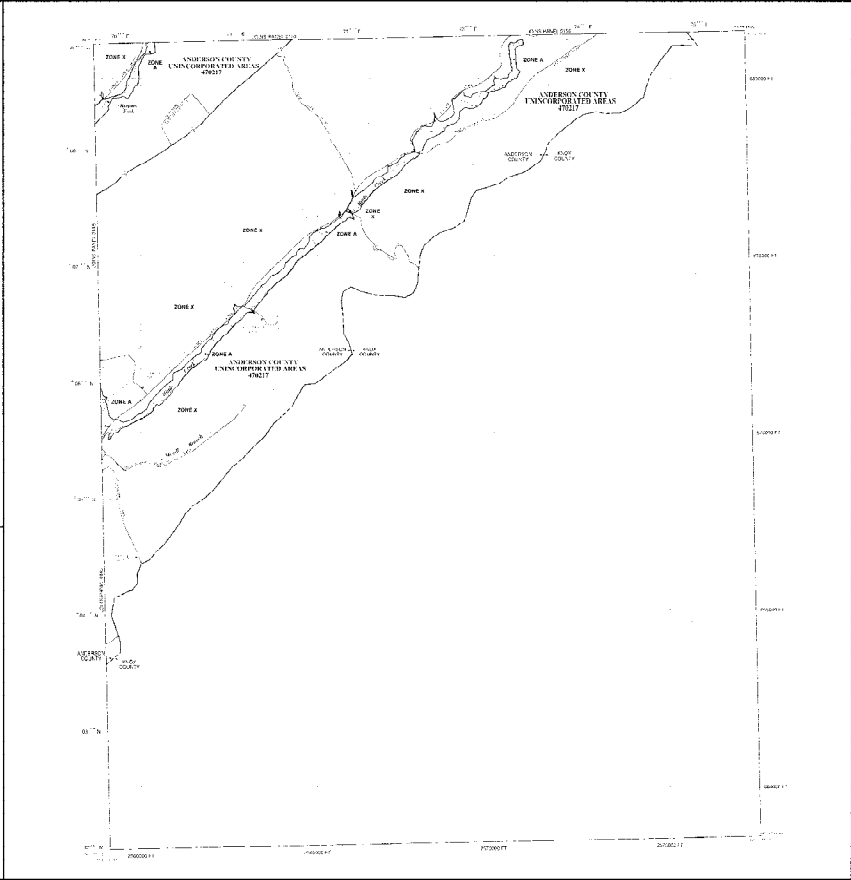
Federal Emergency Management Agency

NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) for Anderson County, Tennessee, and is part of the National Flood Insurance Program (NFIP). It is based on the Flood Insurance Study (FIS) for Anderson County, Tennessee, which was completed in 1987. The FIS was conducted by the Federal Emergency Management Agency (FEMA) and the Tennessee Department of Transportation (Tennessee DOT). The FIS was based on a study of the flood hazards in Anderson County, Tennessee, and was used to determine the flood insurance rates for the county. The FIS was also used to determine the flood insurance zones for the county. The FIS was based on a study of the flood hazards in Anderson County, Tennessee, and was used to determine the flood insurance rates for the county. The FIS was also used to determine the flood insurance zones for the county.

Legend:

- Zone A:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone B:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone C:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone D:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone E:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone F:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone G:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone H:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone I:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone J:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone K:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone L:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone M:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone N:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone O:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone P:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Q:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone R:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone S:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone T:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone U:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone V:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone W:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone X:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Y:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone Z:** Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood



LEGEND

Zone A: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone B: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone C: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone D: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone E: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone F: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone G: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone H: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone I: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone J: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone K: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone L: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone M: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone N: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone O: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone P: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone Q: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone R: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone S: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone T: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone U: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone V: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone W: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone X: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone Y: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone Z: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

PANEL D1607

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
AND INCORPORATED AREAS

DATE: 1987

MAP NUMBER: 15000

EFFECTIVE DATE: 1987

Federal Emergency Management Agency

NOTES TO USERS

This map is a preliminary map showing the results of a study of the flood hazard areas of Anderson County, Tennessee. It is intended for general information only and is not intended to be used for any other purpose. The map is based on the best available information at the time of its preparation and is subject to change without notice.

The map shows the flood hazard areas of Anderson County, Tennessee, as determined by the Federal Emergency Management Agency (FEMA) in 2007. The map is based on the best available information at the time of its preparation and is subject to change without notice.

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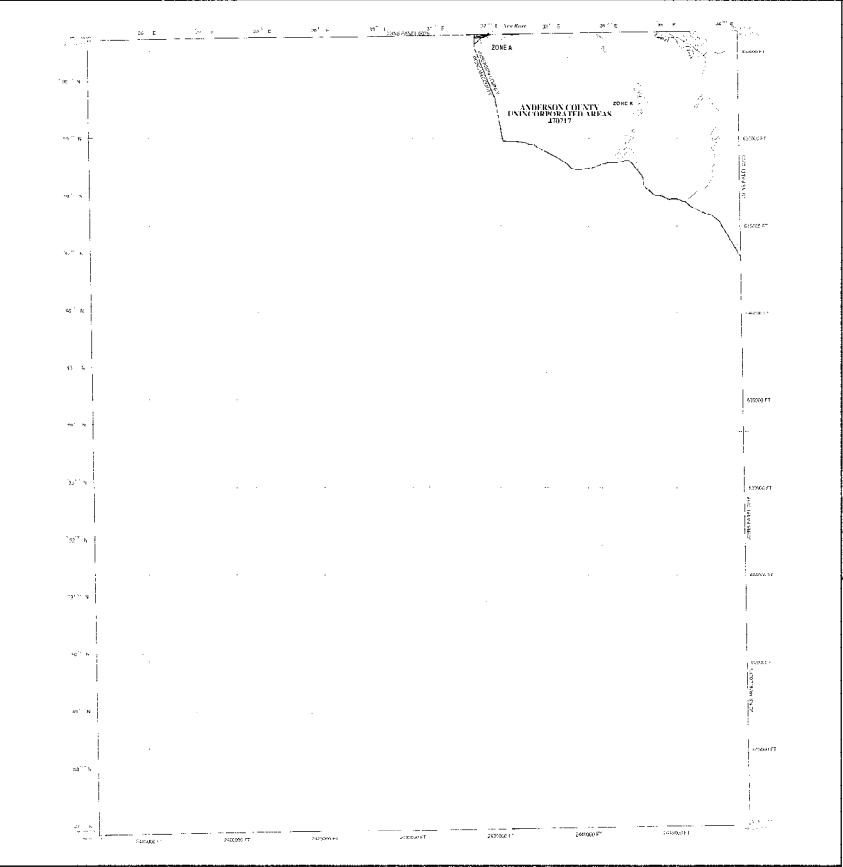
The map shows the flood hazard areas of Anderson County, Tennessee, as determined by the Federal Emergency Management Agency (FEMA) in 2007. The map is based on the best available information at the time of its preparation and is subject to change without notice.

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LEGEND

[Symbol]	ZONE A
[Symbol]	ZONE B
[Symbol]	ZONE C
[Symbol]	ZONE D
[Symbol]	ZONE E
[Symbol]	ZONE F
[Symbol]	ZONE G
[Symbol]	ZONE H
[Symbol]	ZONE I
[Symbol]	ZONE J
[Symbol]	ZONE K
[Symbol]	ZONE L
[Symbol]	ZONE M
[Symbol]	ZONE N
[Symbol]	ZONE O
[Symbol]	ZONE P
[Symbol]	ZONE Q
[Symbol]	ZONE R
[Symbol]	ZONE S
[Symbol]	ZONE T
[Symbol]	ZONE U
[Symbol]	ZONE V
[Symbol]	ZONE W
[Symbol]	ZONE X
[Symbol]	ZONE Y
[Symbol]	ZONE Z

MAP SCALE 1" = 1000'

PANEL 0200P

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
UNINCORPORATED AREAS

PANEL 0200P 002
FIRM NUMBER
EFFECTIVE DATE
JANUARY 11, 2007

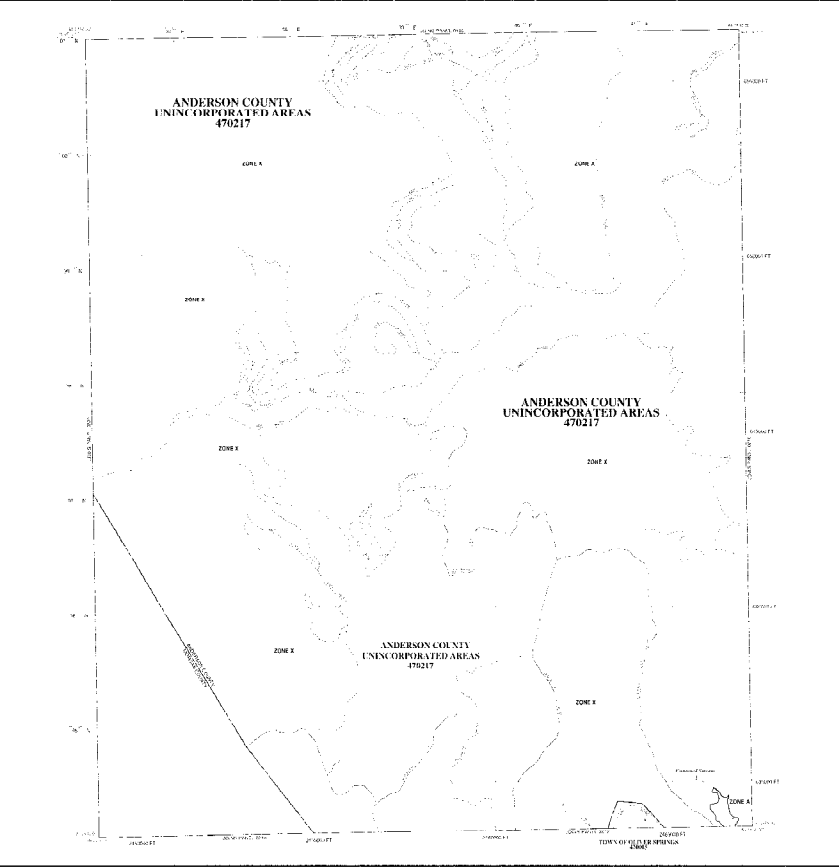
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

NOTES TO USERS

This map is a representation of the information available to the State of Tennessee at the time of the last update. It is not intended to be a warranty of accuracy or a guarantee of performance. The State of Tennessee is not responsible for any errors or omissions on this map. The user assumes all liability for any use of this map.

Legend: This map uses the following symbols and colors to represent different features:

- Zone A: Represented by a light blue color.
- Zone B: Represented by a light green color.
- Zone C: Represented by a light orange color.
- Zone D: Represented by a light purple color.
- Zone E: Represented by a light pink color.
- Zone F: Represented by a light brown color.
- Zone G: Represented by a light grey color.
- Zone H: Represented by a light yellow color.
- Zone I: Represented by a light cyan color.
- Zone J: Represented by a light magenta color.
- Zone K: Represented by a light olive green color.
- Zone L: Represented by a light coral color.
- Zone M: Represented by a light lavender color.
- Zone N: Represented by a light peach color.
- Zone O: Represented by a light mint green color.
- Zone P: Represented by a light salmon color.
- Zone Q: Represented by a light tan color.
- Zone R: Represented by a light blue-grey color.
- Zone S: Represented by a light pinkish-grey color.
- Zone T: Represented by a light yellowish-grey color.
- Zone U: Represented by a light cyan-grey color.
- Zone V: Represented by a light magenta-grey color.
- Zone W: Represented by a light olive-green-grey color.
- Zone X: Represented by a light coral-grey color.
- Zone Y: Represented by a light lavender-grey color.
- Zone Z: Represented by a light peach-grey color.



LEGEND

UNINCORPORATED AREAS

- Zone A
- Zone B
- Zone C
- Zone D
- Zone E
- Zone F
- Zone G
- Zone H
- Zone I
- Zone J
- Zone K
- Zone L
- Zone M
- Zone N
- Zone O
- Zone P
- Zone Q
- Zone R
- Zone S
- Zone T
- Zone U
- Zone V
- Zone W
- Zone X
- Zone Y
- Zone Z

OTHER FEATURES

- ROAD 4000
- ROAD 4100
- ROAD 4200
- ROAD 4300
- ROAD 4400
- ROAD 4500
- ROAD 4600
- ROAD 4700
- ROAD 4800
- ROAD 4900
- ROAD 5000
- ROAD 5100
- ROAD 5200
- ROAD 5300
- ROAD 5400
- ROAD 5500
- ROAD 5600
- ROAD 5700
- ROAD 5800
- ROAD 5900
- ROAD 6000
- ROAD 6100
- ROAD 6200
- ROAD 6300
- ROAD 6400
- ROAD 6500
- ROAD 6600
- ROAD 6700
- ROAD 6800
- ROAD 6900
- ROAD 7000
- ROAD 7100
- ROAD 7200
- ROAD 7300
- ROAD 7400
- ROAD 7500
- ROAD 7600
- ROAD 7700
- ROAD 7800
- ROAD 7900
- ROAD 8000
- ROAD 8100
- ROAD 8200
- ROAD 8300
- ROAD 8400
- ROAD 8500
- ROAD 8600
- ROAD 8700
- ROAD 8800
- ROAD 8900
- ROAD 9000
- ROAD 9100
- ROAD 9200
- ROAD 9300
- ROAD 9400
- ROAD 9500
- ROAD 9600
- ROAD 9700
- ROAD 9800
- ROAD 9900
- ROAD 10000

PANEL 0205P

FIRM FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE

UNINCORPORATED AREAS

PANEL 0205 OF 200

DATE FOR RISK ANALYSIS: 10/10/2017

DATE OF REVISION: 10/10/2017

DATE OF EFFECTIVE DATE: 10/10/2017

MAP NUMBER: 0205P

EFFECTIVE DATE: 10/10/2017

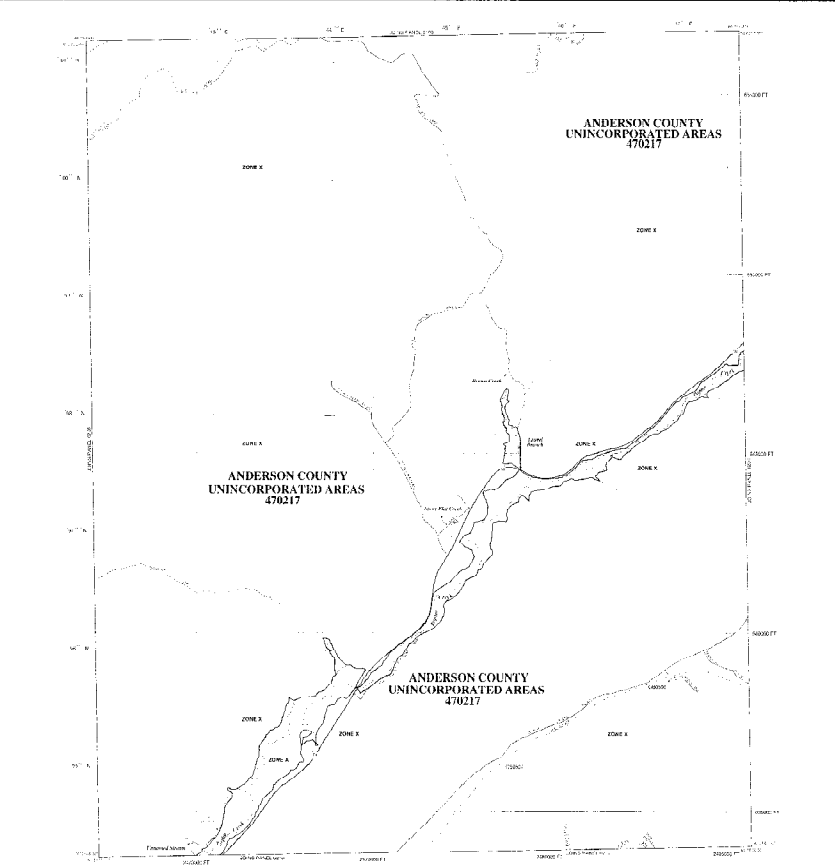
FIRM: Federal Emergency Management Agency

NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) in accordance with the National Flood Insurance Act of 1968, as amended. It is intended to provide information on the flood hazard areas and the flood insurance rates for the area shown. This map is not intended to be used as a basis for engineering, construction, or other professional services. It is intended to be used as a basis for flood insurance coverage only. This map is not intended to be used as a basis for engineering, construction, or other professional services. It is intended to be used as a basis for flood insurance coverage only.

GENERAL NOTES:

1. This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) in accordance with the National Flood Insurance Act of 1968, as amended. It is intended to provide information on the flood hazard areas and the flood insurance rates for the area shown. This map is not intended to be used as a basis for engineering, construction, or other professional services. It is intended to be used as a basis for flood insurance coverage only.
2. This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) in accordance with the National Flood Insurance Act of 1968, as amended. It is intended to provide information on the flood hazard areas and the flood insurance rates for the area shown. This map is not intended to be used as a basis for engineering, construction, or other professional services. It is intended to be used as a basis for flood insurance coverage only.
3. This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) in accordance with the National Flood Insurance Act of 1968, as amended. It is intended to provide information on the flood hazard areas and the flood insurance rates for the area shown. This map is not intended to be used as a basis for engineering, construction, or other professional services. It is intended to be used as a basis for flood insurance coverage only.
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LEGEND

UNINCORPORATED AREAS

ZONE X

ZONE A

WATER

ROADS

BOUNDARIES

UNINCORPORATED AREAS

ZONE X

ZONE A

WATER

ROADS

BOUNDARIES

FIRM

FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE

UNINCORPORATED AREAS

PANEL 0210P

FEDERAL EMERGENCY MANAGEMENT AGENCY

MAP NUMBER AND EFFECTIVE DATE

NOTES TO USERS

1. This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) for the purpose of determining flood insurance rates. It is not intended to be used for any other purpose.

2. The FIRM is based on the best available data at the time of its preparation. It is not a guarantee of accuracy and is not intended to be used for any other purpose.

3. The FIRM is subject to change without notice. It is the user's responsibility to obtain the most current version of the FIRM.

4. The FIRM is not a substitute for a professional engineering or architectural opinion. It is the user's responsibility to consult with a professional engineer or architect before using the FIRM for any other purpose.

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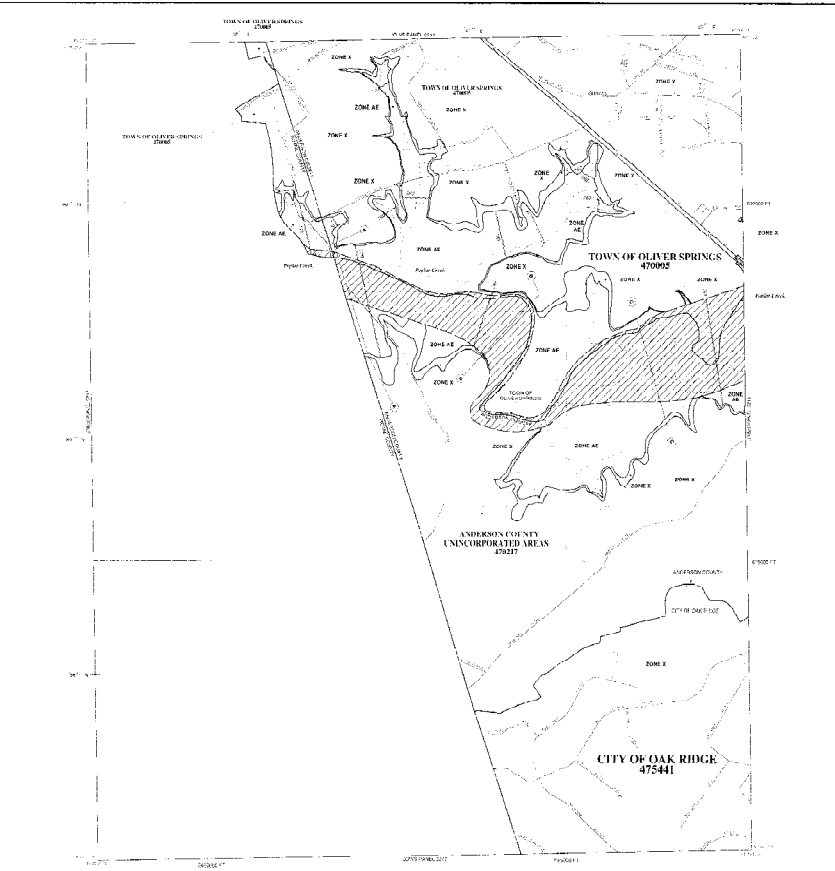
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10. The FIRM is not a substitute for a professional engineering or architectural opinion. It is the user's responsibility to consult with a professional engineer or architect before using the FIRM for any other purpose.



LEGEND

- Zone X: Special Flood Hazard Area subject to flooding by 1% annual chance flood.
- Zone AE: Special Flood Hazard Area subject to flooding by 1% annual chance flood, with average depth of flooding greater than 1 foot.
- Zone A: Special Flood Hazard Area subject to flooding by 1% annual chance flood, with average depth of flooding less than 1 foot.
- Zone V: Special Flood Hazard Area subject to flooding by 1% annual chance flood, with average depth of flooding less than 1 foot, and with a velocity of flood flow greater than 1 foot per second.
- Zone AH: Special Flood Hazard Area subject to flooding by 1% annual chance flood, with average depth of flooding less than 1 foot, and with a velocity of flood flow greater than 1 foot per second, and with a velocity of flood flow greater than 1 foot per second.
- Zone AO: Special Flood Hazard Area subject to flooding by 1% annual chance flood, with average depth of flooding less than 1 foot, and with a velocity of flood flow greater than 1 foot per second, and with a velocity of flood flow greater than 1 foot per second.
- Zone AO1-50: Special Flood Hazard Area subject to flooding by 1% annual chance flood, with average depth of flooding less than 1 foot, and with a velocity of flood flow greater than 1 foot per second, and with a velocity of flood flow greater than 1 foot per second.
- Unincorporated Areas: Areas not within the jurisdiction of any local government.
- Other Features: Features not shown on the FIRM, such as roads, railroads, and utilities.

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
UNINCORPORATED AREAS

PANEL 0215F

PANEL 0215 OF 200
OFF TOP RIGHT CORNER PANEL 0215A

MAP NUMBER
475441
EFFECTIVE DATE
JANUARY 11, 2007

Flood Insurance Institute of America
Federal Emergency Management Agency

NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) for Anderson County, Tennessee. It is based on the Flood Insurance Study (FIS) for Anderson County, Tennessee, which was completed in 1987. The FIS was prepared by the Federal Emergency Management Agency (FEMA) and the Tennessee Department of Transportation (TDOT).

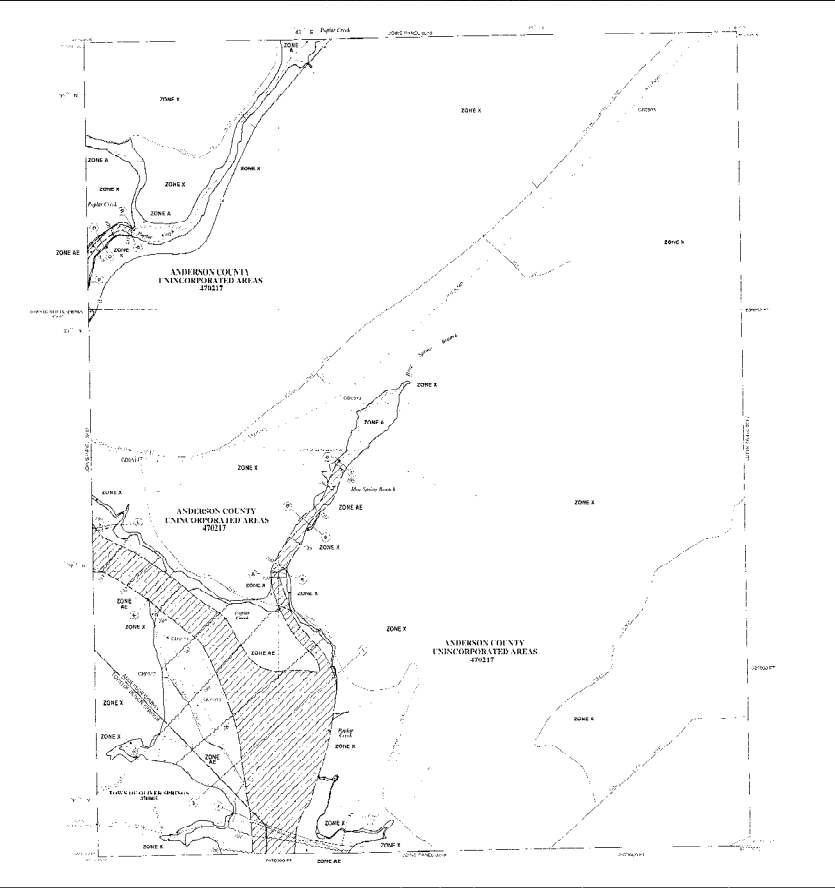
The FIRM shows the Special Flood Hazard Areas (SFHAs) for Anderson County, Tennessee. The SFHAs are divided into three zones: Zone A, Zone X, and Zone AE. Zone A is the area of shallow flooding, Zone X is the area of moderate flooding, and Zone AE is the area of high water table flooding.

The FIRM also shows the unincorporated areas of Anderson County, Tennessee. The unincorporated areas are shown as areas that are not within the boundaries of any city or town in Anderson County, Tennessee.

The FIRM is based on the FIS, which was prepared by FEMA and TDOT. The FIS was prepared using data from the National Flood Insurance Program (NFIP) and other sources. The FIS was prepared in accordance with the National Flood Insurance Act of 1968.

The FIRM is a public document and is available for use by anyone. It is not to be used for any purpose other than to determine the flood insurance rate for a property. It is not to be used for any other purpose, such as for zoning or other regulatory purposes.

The FIRM is subject to change. FEMA reserves the right to update the FIRM at any time. The FIRM is not to be used for any purpose other than to determine the flood insurance rate for a property.



LEGEND

[Symbol]	Zone A
[Symbol]	Zone X
[Symbol]	Zone AE
[Symbol]	Unincorporated Areas
[Symbol]	City/Town
[Symbol]	Water
[Symbol]	Highway
[Symbol]	Railroad
[Symbol]	Power Line
[Symbol]	Telephone Line
[Symbol]	Gas Line
[Symbol]	Water Main
[Symbol]	Sanitary Sewer
[Symbol]	Storm Sewer
[Symbol]	Other

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
AND UNINCORPORATED AREAS

PANEL 0216P

DATE OF ISSUE: 1987
DATE OF REVISION: 1987
DATE OF NEXT REVISION: 1987

MAP NUMBER: 15000
EFFECTIVE DATE: JANUARY 17, 1987

Federal Emergency Management Agency

NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) showing Special Flood Hazard Areas (SFHAs) for the City of Oak Ridge, Tennessee. It is based on the Flood Insurance Study (FIS) for the City of Oak Ridge, Tennessee, which was completed in 1997. The FIS was conducted by the Federal Emergency Management Agency (FEMA) in cooperation with the Tennessee Department of Transportation (Tennessee Turnpike Authority) and the Anderson County Flood Control and Drainage District.

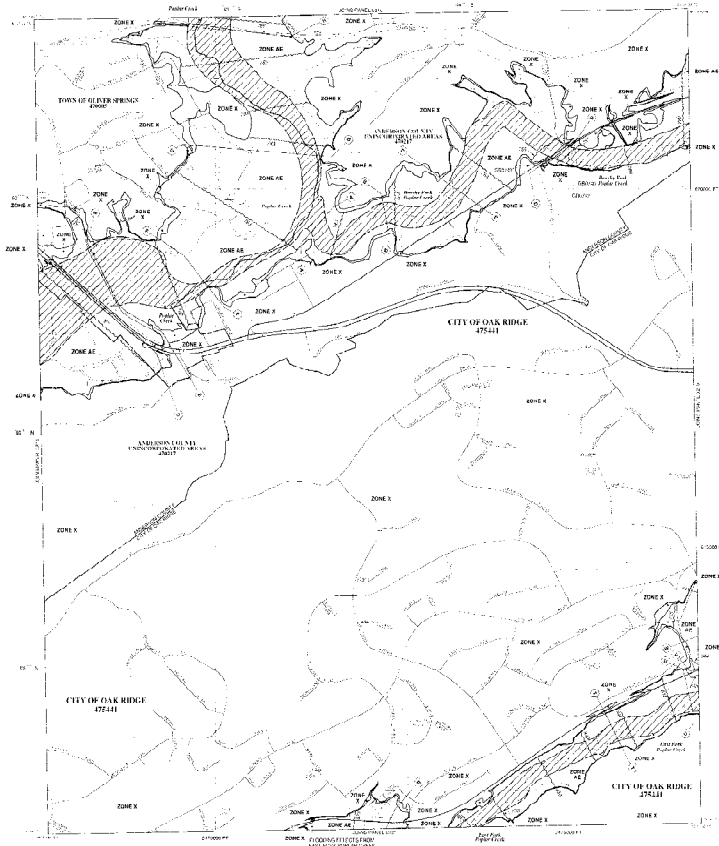
The map shows the following Special Flood Hazard Areas (SFHAs):

- Zone X (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone XE (1% Annual Chance Flood with Extra Hazard)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded and containing extra hazards such as structures, highways, or other man-made features that may increase the potential for property damage.
- Zone AE (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone VE (1% Annual Chance Flood with Extra Hazard)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded and containing extra hazards such as structures, highways, or other man-made features that may increase the potential for property damage.
- Zone V (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V1 (1% Annual Chance Flood with Extra Hazard)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded and containing extra hazards such as structures, highways, or other man-made features that may increase the potential for property damage.
- Zone V2 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V3 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V4 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V5 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V6 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V7 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V8 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V9 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V10 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V11 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V12 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V13 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V14 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V15 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V16 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V17 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V18 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V19 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.
- Zone V20 (1% Annual Chance Flood)**: Areas subject to flooding with a 1% annual chance of being equaled or exceeded.

The map also shows the following features:

- Water Bodies**: Anderson Lake, Anderson Reservoir, and other water bodies.
- Highways**: Major roads and highways.
- Other Features**: Buildings, structures, and other man-made features.

The map is intended for use by property owners, insurers, and other interested parties to determine the flood risk for their property. It is not intended to be used for other purposes.



LEGEND

Zone X (1% Annual Chance Flood)

Zone XE (1% Annual Chance Flood with Extra Hazard)

Zone AE (1% Annual Chance Flood)

Zone VE (1% Annual Chance Flood with Extra Hazard)

Zone V (1% Annual Chance Flood)

Zone V1 (1% Annual Chance Flood with Extra Hazard)

Zone V2 (1% Annual Chance Flood)

Zone V3 (1% Annual Chance Flood)

Zone V4 (1% Annual Chance Flood)

Zone V5 (1% Annual Chance Flood)

Zone V6 (1% Annual Chance Flood)

Zone V7 (1% Annual Chance Flood)

Zone V8 (1% Annual Chance Flood)

Zone V9 (1% Annual Chance Flood)

Zone V10 (1% Annual Chance Flood)

Zone V11 (1% Annual Chance Flood)

Zone V12 (1% Annual Chance Flood)

Zone V13 (1% Annual Chance Flood)

Zone V14 (1% Annual Chance Flood)

Zone V15 (1% Annual Chance Flood)

Zone V16 (1% Annual Chance Flood)

Zone V17 (1% Annual Chance Flood)

Zone V18 (1% Annual Chance Flood)

Zone V19 (1% Annual Chance Flood)

Zone V20 (1% Annual Chance Flood)

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
AND UNINCORPORATED AREAS

MAP NUMBER
1700000
OFFICIAL DATE
JANUARY 17, 1997

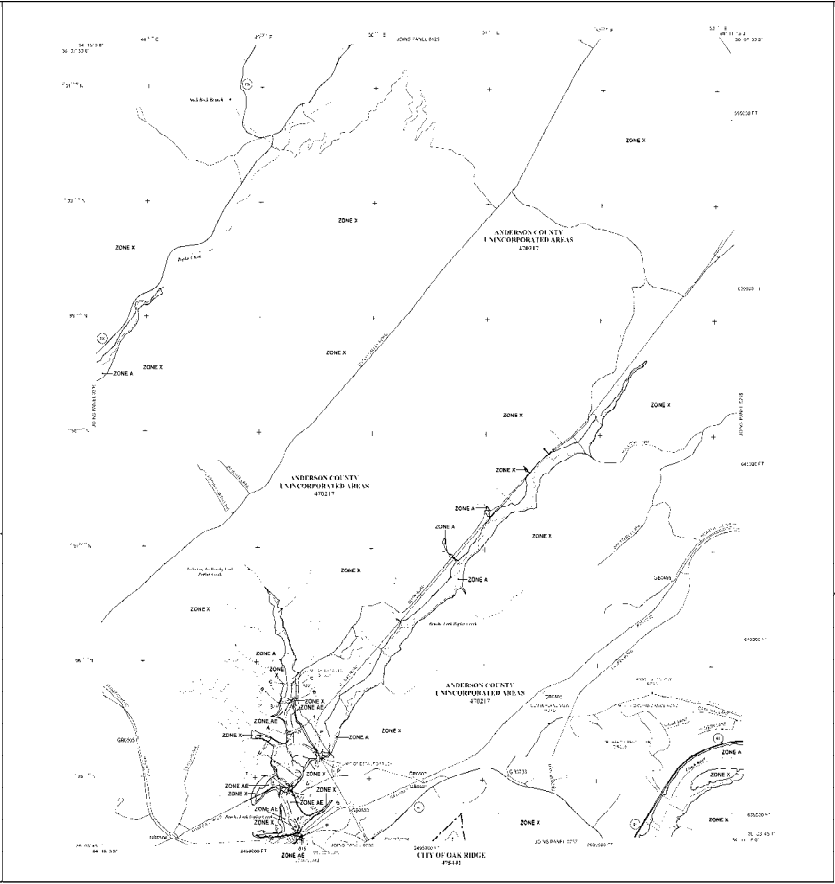
NOTES TO USERS

This map was prepared by the Tennessee Department of Transportation (TxDOT) and the Tennessee Department of Environment and Conservation (TDEC) for the purpose of determining flood insurance rates for Anderson County, Tennessee. The map was prepared using the National Flood Insurance Program (NFIP) data and the Flood Insurance Rate Study (FIRMS) data.

The map shows the flood insurance zones for Anderson County, Tennessee, as of the date of the flood insurance rate study. The zones are defined by the NFIP data and the FIRMS data. The zones are color-coded and labeled as follows:

- Zone A: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone B: SFHA - 1% Annual Chance Flood
- Zone C: SFHA - 1% Annual Chance Flood
- Zone D: SFHA - 1% Annual Chance Flood
- Zone E: SFHA - 1% Annual Chance Flood
- Zone F: SFHA - 1% Annual Chance Flood
- Zone G: SFHA - 1% Annual Chance Flood
- Zone H: SFHA - 1% Annual Chance Flood
- Zone I: SFHA - 1% Annual Chance Flood
- Zone J: SFHA - 1% Annual Chance Flood
- Zone K: SFHA - 1% Annual Chance Flood
- Zone L: SFHA - 1% Annual Chance Flood
- Zone M: SFHA - 1% Annual Chance Flood
- Zone N: SFHA - 1% Annual Chance Flood
- Zone O: SFHA - 1% Annual Chance Flood
- Zone P: SFHA - 1% Annual Chance Flood
- Zone Q: SFHA - 1% Annual Chance Flood
- Zone R: SFHA - 1% Annual Chance Flood
- Zone S: SFHA - 1% Annual Chance Flood
- Zone T: SFHA - 1% Annual Chance Flood
- Zone U: SFHA - 1% Annual Chance Flood
- Zone V: SFHA - 1% Annual Chance Flood
- Zone W: SFHA - 1% Annual Chance Flood
- Zone X: SFHA - 1% Annual Chance Flood
- Zone Y: SFHA - 1% Annual Chance Flood
- Zone Z: SFHA - 1% Annual Chance Flood

The map also shows the boundaries of Anderson County, Tennessee, and the City of Oak Ridge, Tennessee. The map was prepared by TxDOT and TDEC in cooperation with the NFIP and the FIRMS.



LEGEND

Zone A Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone B SFHA - 1% Annual Chance Flood

Zone C SFHA - 1% Annual Chance Flood

Zone D SFHA - 1% Annual Chance Flood

Zone E SFHA - 1% Annual Chance Flood

Zone F SFHA - 1% Annual Chance Flood

Zone G SFHA - 1% Annual Chance Flood

Zone H SFHA - 1% Annual Chance Flood

Zone I SFHA - 1% Annual Chance Flood

Zone J SFHA - 1% Annual Chance Flood

Zone K SFHA - 1% Annual Chance Flood

Zone L SFHA - 1% Annual Chance Flood

Zone M SFHA - 1% Annual Chance Flood

Zone N SFHA - 1% Annual Chance Flood

Zone O SFHA - 1% Annual Chance Flood

Zone P SFHA - 1% Annual Chance Flood

Zone Q SFHA - 1% Annual Chance Flood

Zone R SFHA - 1% Annual Chance Flood

Zone S SFHA - 1% Annual Chance Flood

Zone T SFHA - 1% Annual Chance Flood

Zone U SFHA - 1% Annual Chance Flood

Zone V SFHA - 1% Annual Chance Flood

Zone W SFHA - 1% Annual Chance Flood

Zone X SFHA - 1% Annual Chance Flood

Zone Y SFHA - 1% Annual Chance Flood

Zone Z SFHA - 1% Annual Chance Flood

Other Features:

- Anderson County Boundary
- City of Oak Ridge Boundary
- Roads
- Rivers
- Streams
- Canals
- Ditches
- Power Lines
- Telegraph Lines
- Telephone Lines
- Gas Lines
- Water Lines
- Sanitary Sewer Lines
- Storm Sewer Lines
- Drainage Canals
- Levees
- Dams
- Reservoirs
- Lakes
- Ponds
- Swamps
- Marshes
- Woods
- Fields
- Buildings
- Structures
- Other

Scale: 1 inch = 1 mile

Panel 4385

FIRM
FLOOD INSURANCE RATE MAP

**ANDERSON COUNTY,
TENNESSEE
UNINCORPORATED AREAS**

Panel 4385 of 300

DATE OF STUDY: 2005

DATE OF REVISION: 2005

MAP NUMBER: 4385-02000

MAP REVISION: MAY 4, 2005

Legend:

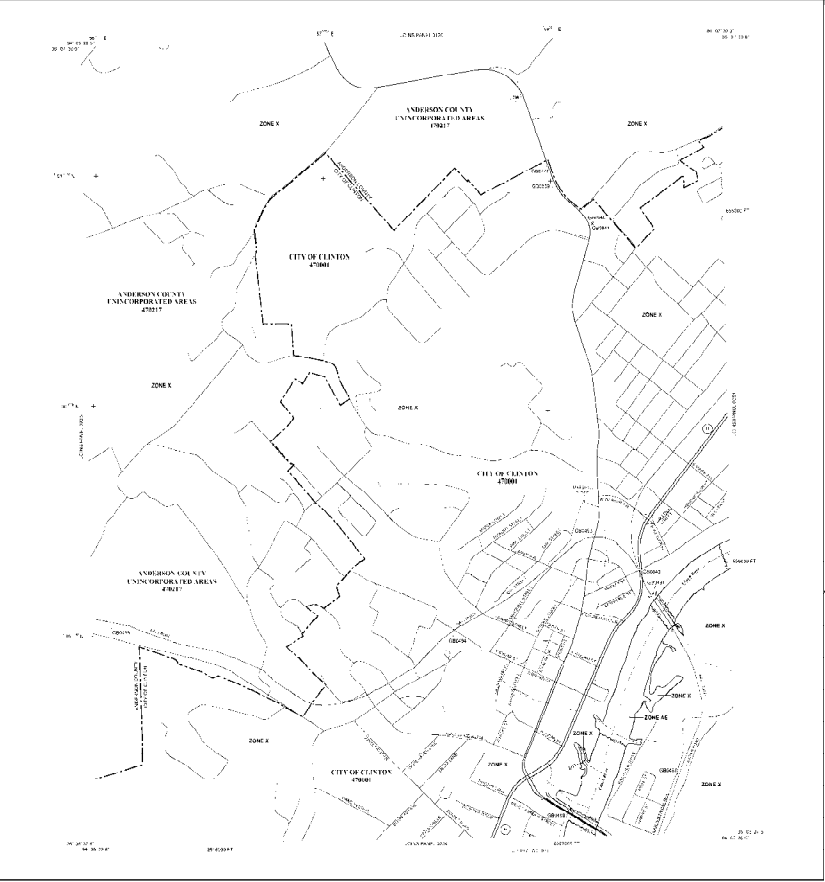
- Anderson County Boundary
- City of Oak Ridge Boundary
- Roads
- Rivers
- Streams
- Canals
- Ditches
- Power Lines
- Telegraph Lines
- Telephone Lines
- Gas Lines
- Water Lines
- Sanitary Sewer Lines
- Storm Sewer Lines
- Drainage Canals
- Levees
- Dams
- Reservoirs
- Lakes
- Ponds
- Swamps
- Marshes
- Woods
- Fields
- Buildings
- Structures
- Other

NOTES TO USERS

This map was prepared by the Anderson County Flood Control District for the purpose of showing the flood hazard areas for the Anderson County Flood Control District. The map is based on the Flood Insurance Rate Map (FIRM) for Anderson County, Tennessee, prepared by the Federal Emergency Management Agency (FEMA) in 1991. The map is intended for informational purposes only and should not be used for any other purpose. The map is not a guarantee of accuracy and should not be used for any purpose other than informational.

The map shows the flood hazard areas for the Anderson County Flood Control District. The map is based on the Flood Insurance Rate Map (FIRM) for Anderson County, Tennessee, prepared by the Federal Emergency Management Agency (FEMA) in 1991. The map is intended for informational purposes only and should not be used for any other purpose. The map is not a guarantee of accuracy and should not be used for any purpose other than informational.

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LEGEND

Zone A Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone B Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone C Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone D Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone E Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone F Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone G Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone H Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone I Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

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Zone V Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone W Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone X Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone Y Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Zone Z Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood

Other Symbols:

- City of Anderson
- City of Clinton
- City of Crawley
- Water Body
- Highway
- Railroad
- Power Line
- Telephone Line
- Gas Line
- Water Main
- Sanitary Sewer
- Storm Sewer
- Drainage Canal
- Levee
- Dike
- Barrier
- Other Structure

Scale: 1" = 100'

North Arrow: [Symbol]

Map Date: 1991

FIRM

FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE

UNINCORPORATED AREAS

PANEL 030

DATE: 1991

SCALE: 1" = 100'

MAP NUMBER: 400-030-030

MAP REVISED: MAY 1, 2005

NATIONAL FLOOD INSURANCE PROGRAM

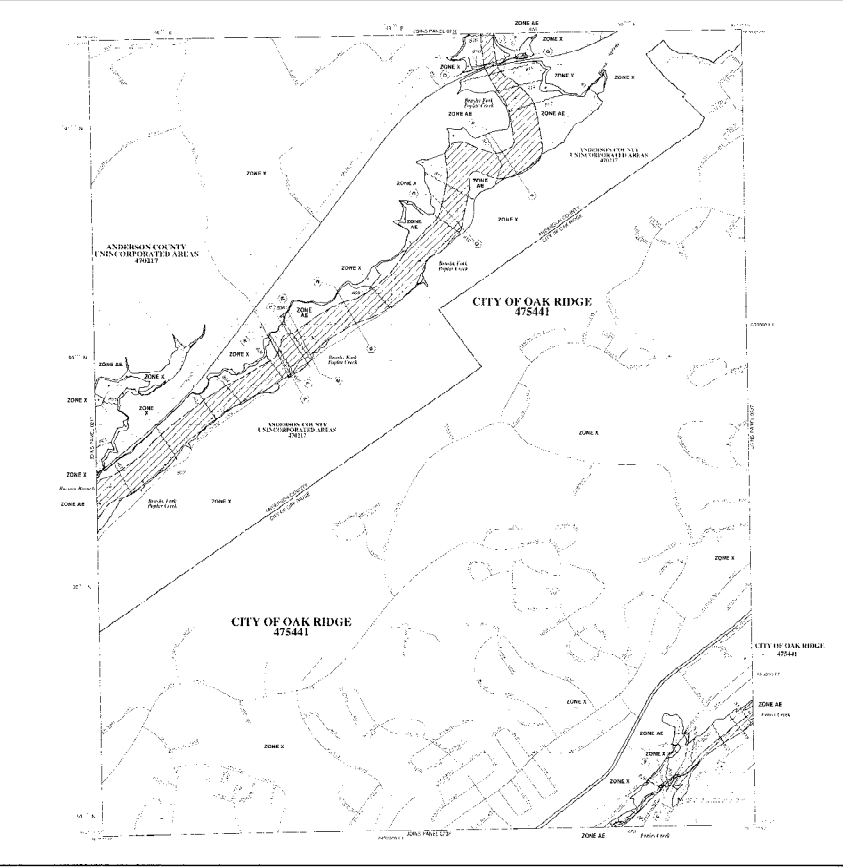
Federal Emergency Management Agency

NOTES TO USERS

This map was prepared for the City of Oak Ridge, Tennessee, by the Federal Emergency Management Agency (FEMA) as part of the National Flood Insurance Program (NFIP). The map is based on the best available data and is not intended to be used for any purpose other than flood insurance rating.

Legend:

- Zone AE:** Areas of High Flood Hazard (100-year flood)
- Zone X:** Areas of Moderate Flood Hazard (500-year flood)
- Zone AH:** Areas of Minimal Flood Hazard (500-year flood)
- Zone A:** Areas of Flood Hazard (500-year flood)
- Zone B:** Areas of Flood Hazard (500-year flood)
- Zone C:** Areas of Flood Hazard (500-year flood)
- Zone D:** Areas of Flood Hazard (500-year flood)
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- Zone X:** Areas of Flood Hazard (500-year flood)
- Zone Y:** Areas of Flood Hazard (500-year flood)
- Zone Z:** Areas of Flood Hazard (500-year flood)



LEGEND

Zone AE: Areas of High Flood Hazard (100-year flood)

Zone X: Areas of Moderate Flood Hazard (500-year flood)

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Zone U: Areas of Flood Hazard (500-year flood)

Zone V: Areas of Flood Hazard (500-year flood)

Zone W: Areas of Flood Hazard (500-year flood)

Zone X: Areas of Flood Hazard (500-year flood)

Zone Y: Areas of Flood Hazard (500-year flood)

Zone Z: Areas of Flood Hazard (500-year flood)

PANEL 0238F

FIRM
FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
UNINCORPORATED AREAS

PANEL 216 OF 222
DATE OF THIS MAP: 10/15/2008
EFFECTIVE DATE: JANUARY 31, 2009

MAP NUMBER: 15000-01-0000
EFFECTIVE DATE: JANUARY 31, 2009

NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) prepared for the City of Oak Ridge, Tennessee, under the authority of the National Flood Insurance Act of 1968. The map is intended to provide information on the flood insurance risk of the community and is not intended to be used as a basis for any other purpose. The map is based on the best available information and is subject to change without notice.

General Note: Flood Insurance Rates are determined by the Federal Emergency Management Agency (FEMA) and are based on the flood risk of the community. The map is intended to provide information on the flood insurance risk of the community and is not intended to be used as a basis for any other purpose. The map is based on the best available information and is subject to change without notice.

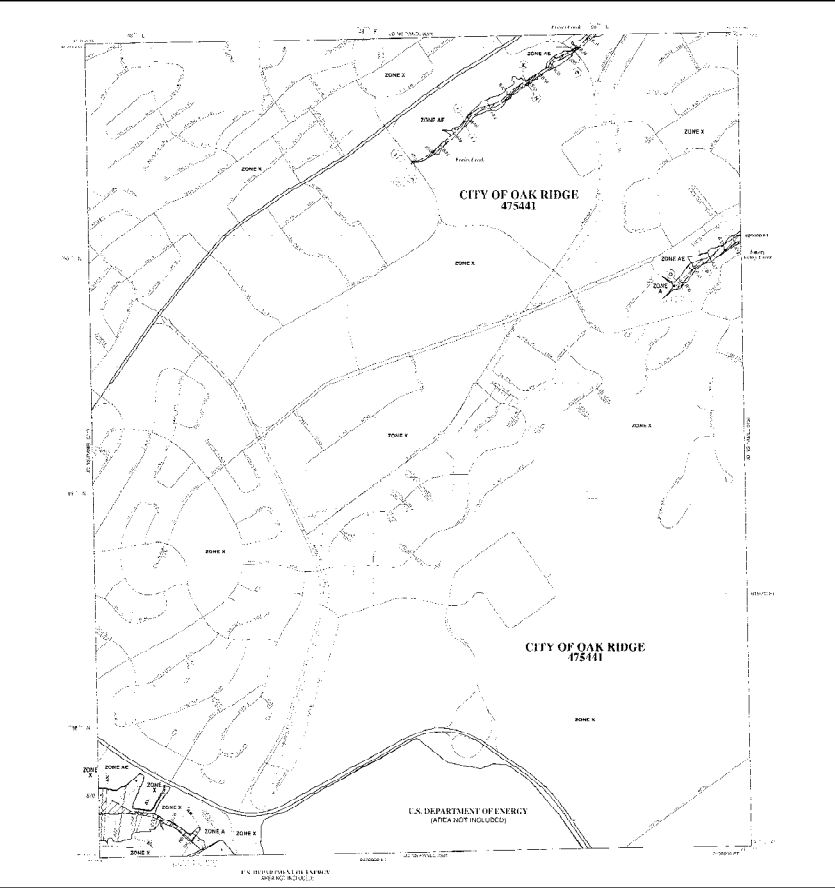
Legend: The legend on the right side of the map provides a key to the symbols and colors used on the map. It includes symbols for Flood Hazard Areas, Flood Insurance Rates, and other features. The legend is organized into sections: Flood Hazard Areas, Flood Insurance Rates, and Other Features.

Scale: The scale of the map is 1 inch = 1 mile. The map is oriented with North at the top.

Projection: The map is projected using the North American Datum of 1983 (NAD 83).

Source: The map is based on the best available information, including aerial photography, ground surveys, and other data.

Disclaimer: The map is provided as a service to the community and is not intended to be used as a basis for any other purpose. The map is based on the best available information and is subject to change without notice.



LEGEND

FLOOD HAZARD AREAS

Zone A Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone B Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone C Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

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Zone Y Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone Z Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

FLOOD INSURANCE RATES

Zone A Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone B Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone C Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

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Zone Y Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone Z Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

OTHER FEATURES

Zone A Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone B Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

Zone C Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

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Zone Z Special Flood Hazard Area subject to inundation by the 1% annual chance flood.

PANEL 0200P

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
AND INCORPORATED AREAS

FIRM NUMBER
475410200P
EFFECTIVE DATE
JANUARY 17, 2007

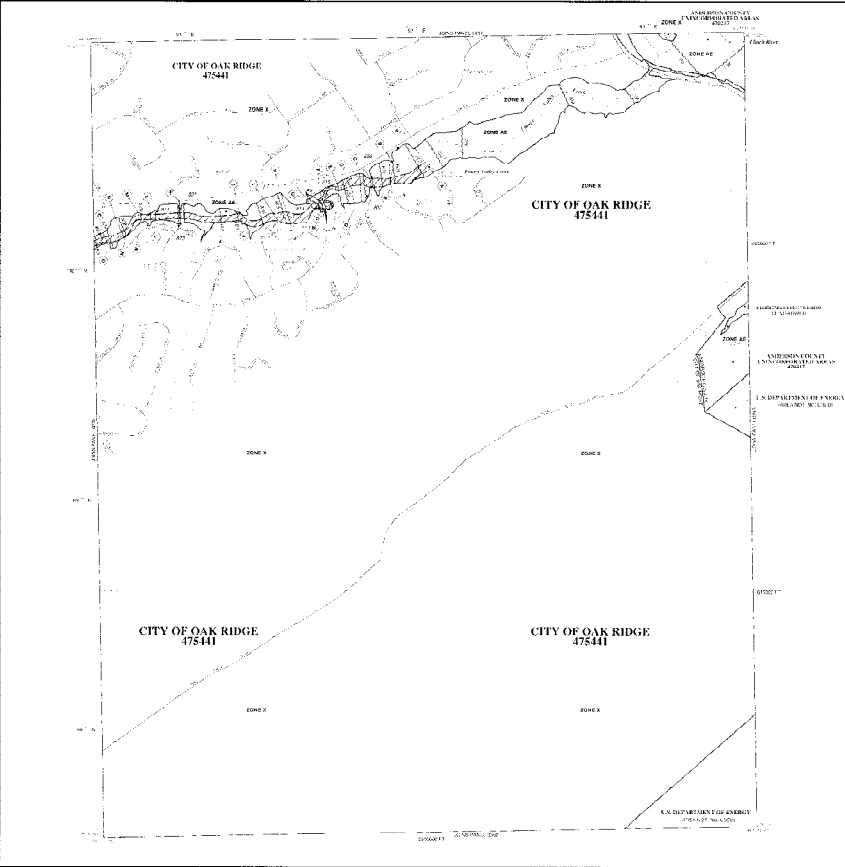
U.S. DEPARTMENT OF ENERGY
FEDERAL EMERGENCY MANAGEMENT AGENCY

NOTES TO USERS

This map is a representation of the information provided to the City of Oak Ridge by the Tennessee Department of Transportation (Tennessee DOT) and the Tennessee Department of Energy (Tennessee DE) for the purpose of determining flood insurance rates. The information was provided to the City of Oak Ridge by the Tennessee DOT and the Tennessee DE on or about 1/15/2007. The City of Oak Ridge is responsible for the accuracy of the information provided to the Tennessee DOT and the Tennessee DE. The City of Oak Ridge is not responsible for the accuracy of the information provided to the Tennessee DOT and the Tennessee DE by any other source.

Legend:

- Zone A: Flood Insurance Rate Zone A
- Zone B: Flood Insurance Rate Zone B
- Zone C: Flood Insurance Rate Zone C
- Zone D: Flood Insurance Rate Zone D
- Zone E: Flood Insurance Rate Zone E
- Zone F: Flood Insurance Rate Zone F
- Zone G: Flood Insurance Rate Zone G
- Zone H: Flood Insurance Rate Zone H
- Zone I: Flood Insurance Rate Zone I
- Zone J: Flood Insurance Rate Zone J
- Zone K: Flood Insurance Rate Zone K
- Zone L: Flood Insurance Rate Zone L
- Zone M: Flood Insurance Rate Zone M
- Zone N: Flood Insurance Rate Zone N
- Zone O: Flood Insurance Rate Zone O
- Zone P: Flood Insurance Rate Zone P
- Zone Q: Flood Insurance Rate Zone Q
- Zone R: Flood Insurance Rate Zone R
- Zone S: Flood Insurance Rate Zone S
- Zone T: Flood Insurance Rate Zone T
- Zone U: Flood Insurance Rate Zone U
- Zone V: Flood Insurance Rate Zone V
- Zone W: Flood Insurance Rate Zone W
- Zone X: Flood Insurance Rate Zone X
- Zone Y: Flood Insurance Rate Zone Y
- Zone Z: Flood Insurance Rate Zone Z



LEGEND

UNDEVELOPED AREAS (FLOOD INSURANCE RATE ZONE A)

RESIDENTIAL (FLOOD INSURANCE RATE ZONE B)

COMMERCIAL (FLOOD INSURANCE RATE ZONE C)

INDUSTRIAL (FLOOD INSURANCE RATE ZONE D)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE E)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE F)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE G)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE H)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE I)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE J)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE K)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE L)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE M)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE N)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE O)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE P)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE Q)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE R)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE S)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE T)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE U)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE V)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE W)

HEAVY COMMERCIAL (FLOOD INSURANCE RATE ZONE X)

HEAVY RESIDENTIAL (FLOOD INSURANCE RATE ZONE Y)

HEAVY INDUSTRIAL (FLOOD INSURANCE RATE ZONE Z)

MAP SCALE: 1" = 100'

PANEL 0239F

FIRM FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE, UNINCORPORATED AREAS

PANEL 0239F OF 200

DATE: 01/15/2007

MAP NUMBER: 02030239F

EFFECTIVE DATE: JANUARY 15, 2007

Prepared by: Tennessee Department of Energy

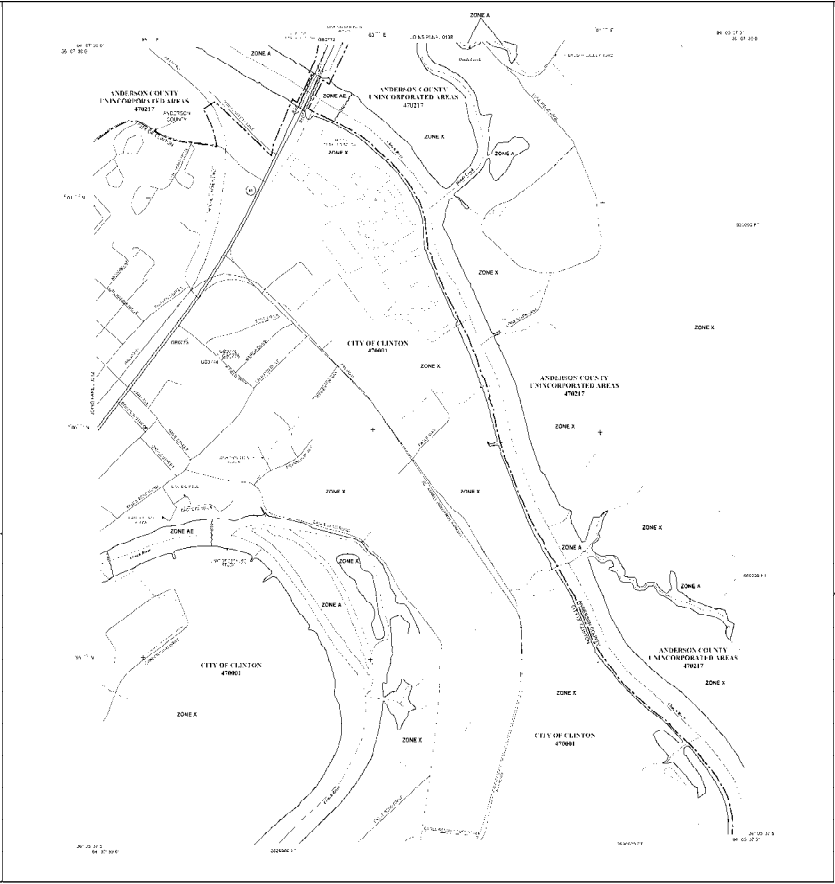
NOTES TO USERS

This map is a representation of the information available to the State of Tennessee at the time of publication. It is not intended to be used as a legal document. The State of Tennessee is not responsible for any errors or omissions in this map. The State of Tennessee is not responsible for any damages, including consequential damages, arising from the use of this map. The State of Tennessee is not responsible for any claims, including consequential claims, arising from the use of this map. The State of Tennessee is not responsible for any claims, including consequential claims, arising from the use of this map.

General Flood Hazard Information: This map shows the general flood hazard areas for Anderson County, Tennessee. The flood hazard areas are shown in various colors and patterns, indicating the level of flood hazard. The flood hazard areas are shown in various colors and patterns, indicating the level of flood hazard. The flood hazard areas are shown in various colors and patterns, indicating the level of flood hazard.

Map Symbols: The map uses various symbols to indicate different features. The symbols include:

- Zone A: Flood Hazard Area
- Zone B: Flood Hazard Area
- Zone C: Flood Hazard Area
- Zone D: Flood Hazard Area
- Zone E: Flood Hazard Area
- Zone F: Flood Hazard Area
- Zone G: Flood Hazard Area
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- Zone X: Flood Hazard Area
- Zone Y: Flood Hazard Area
- Zone Z: Flood Hazard Area



LEGEND

Zone A: Flood Hazard Area

Zone B: Flood Hazard Area

Zone C: Flood Hazard Area

Zone D: Flood Hazard Area

Zone E: Flood Hazard Area

Zone F: Flood Hazard Area

Zone G: Flood Hazard Area

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Zone I: Flood Hazard Area

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Zone M: Flood Hazard Area

Zone N: Flood Hazard Area

Zone O: Flood Hazard Area

Zone P: Flood Hazard Area

Zone Q: Flood Hazard Area

Zone R: Flood Hazard Area

Zone S: Flood Hazard Area

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Zone U: Flood Hazard Area

Zone V: Flood Hazard Area

Zone W: Flood Hazard Area

Zone X: Flood Hazard Area

Zone Y: Flood Hazard Area

Zone Z: Flood Hazard Area

Other Symbols:

- City of Clinton
- City of Dover
- Anderson County
- Major Road
- Minor Road
- Waterway
- Unimproved Area
- Proposed Area
- Other

Scale: 1" = 1 Mile

North Arrow: [Symbol]

Panel 0515

FIRM FLOOD INSURANCE RATE MAP

ANDERSON COUNTY, TENNESSEE UNINCORPORATED AREAS

Panel 0515 of 300

Scale: 1" = 1 Mile

Map Revised: May 2, 2015

Map Number: 40000000

Map Date: May 2, 2015

Map Author: [Name]

Map Reviewer: [Name]

Map Date: May 2, 2015

NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) for Anderson County, Tennessee, showing Special Flood Hazard Areas (SFHAs) and Flood Zones. It is based on the Flood Insurance Study (FIS) for Anderson County, Tennessee, dated 1985, and the Flood Insurance Study (FIS) for Anderson County, Tennessee, dated 1985, and the Flood Insurance Study (FIS) for Anderson County, Tennessee, dated 1985.

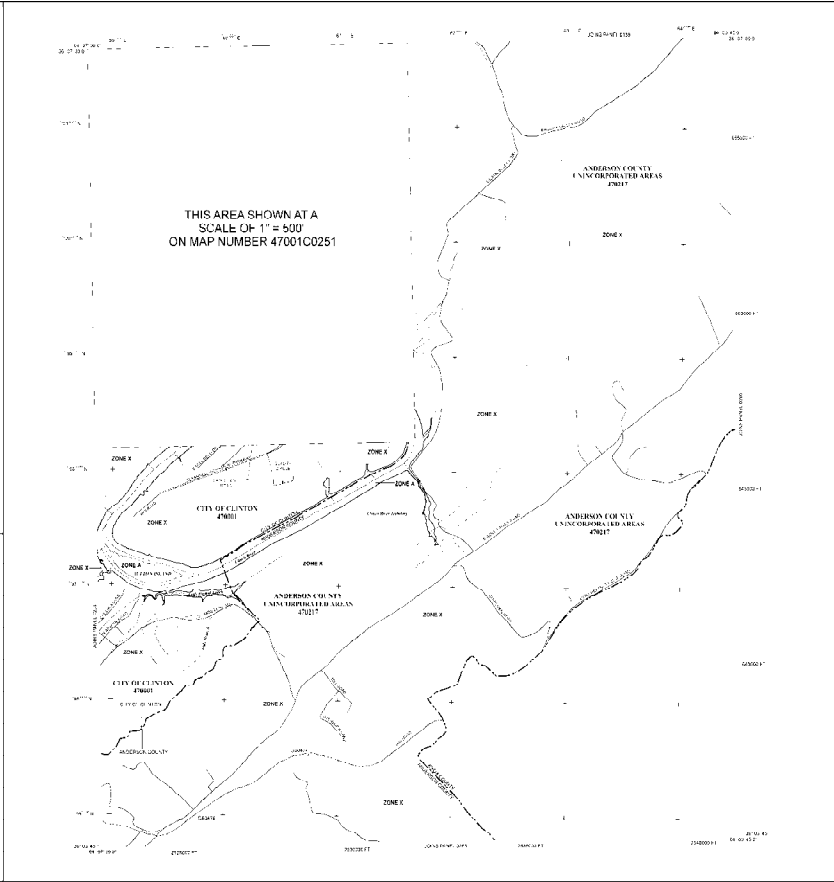
The map shows the following Flood Zones:

- Zone A:** Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.
- Zone B:** Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.
- Zone C:** Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.
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- Zone X:** Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.
- Zone Y:** Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.
- Zone Z:** Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

The map also shows the following features:

- Water Bodies:** Rivers, streams, and lakes.
- Transportation:** Highways, roads, and bridges.
- Boundaries:** City limits, county lines, and state boundaries.
- Topography:** Contour lines and spot elevations.

This map is a reproduction of the original map and is not to be used for any purpose other than that for which it was originally intended. It is the property of the Federal Emergency Management Agency (FEMA) and is loaned to the user. It is to be returned to FEMA upon completion of the user's project.



LEGEND

Zone A Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

Zone B Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

Zone C Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

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Zone X Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

Zone Y Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

Zone Z Special Flood Hazard Area (SFHA) subject to a 1% annual chance flood.

Water Bodies Rivers, streams, and lakes.

Transportation Highways, roads, and bridges.

Boundaries City limits, county lines, and state boundaries.

Topography Contour lines and spot elevations.

Map Scale: 1" = 500'

Panel 45255

FIRM
FLOOD INSURANCE RATE MAP

**ANDERSON COUNTY,
TENNESSEE**
UNINCORPORATED AREAS

Panel 45255 of 300
Date of Issue: 08/01/85
Revision: 08/01/85
Scale: 1" = 500'

NATIONAL FLOOD INSURANCE PROGRAM

**MAP NUMBER
4500255C
MAP REVISED
NOV. 4, 2005**

Federal Emergency Management Agency

NOTES TO USERS

1. This map was prepared by the Federal Emergency Management Agency (FEMA) in cooperation with the State of Tennessee. The map is based on the best available data and is not a warranty, representation, or guarantee of accuracy. FEMA is not responsible for errors or for any consequences arising from the use of the information. This map is intended for informational purposes only and should not be used as a basis for any legal or financial decisions.

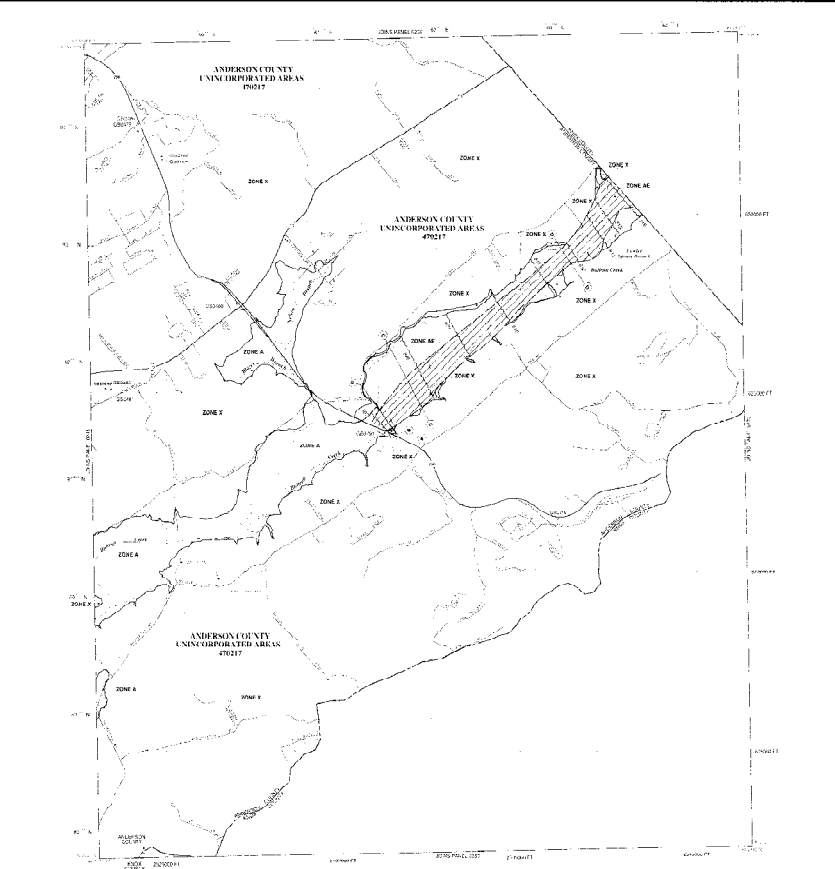
2. The map shows the flood insurance rate zones for Anderson County, Tennessee. The zones are based on the Flood Insurance Rate Study (FIRS) conducted by FEMA. The zones are shown on the map as follows:

- Zone A: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone B: SFHA - 1% Annual Chance Flood
- Zone C: SFHA - 1% Annual Chance Flood
- Zone D: SFHA - 1% Annual Chance Flood
- Zone E: SFHA - 1% Annual Chance Flood
- Zone F: SFHA - 1% Annual Chance Flood
- Zone G: SFHA - 1% Annual Chance Flood
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- Zone Q: SFHA - 1% Annual Chance Flood
- Zone R: SFHA - 1% Annual Chance Flood
- Zone S: SFHA - 1% Annual Chance Flood
- Zone T: SFHA - 1% Annual Chance Flood
- Zone U: SFHA - 1% Annual Chance Flood
- Zone V: SFHA - 1% Annual Chance Flood
- Zone W: SFHA - 1% Annual Chance Flood
- Zone X: SFHA - 1% Annual Chance Flood
- Zone Y: SFHA - 1% Annual Chance Flood
- Zone Z: SFHA - 1% Annual Chance Flood

3. The map also shows the unincorporated areas of Anderson County, Tennessee. The unincorporated areas are shown on the map as follows:

- Anderson County Unincorporated Areas 470217

4. The map is based on the best available data and is not a warranty, representation, or guarantee of accuracy. FEMA is not responsible for errors or for any consequences arising from the use of the information. This map is intended for informational purposes only and should not be used as a basis for any legal or financial decisions.



LEGEND

FLOOD INSURANCE RATE ZONES

- Zone A: Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
- Zone B: SFHA - 1% Annual Chance Flood
- Zone C: SFHA - 1% Annual Chance Flood
- Zone D: SFHA - 1% Annual Chance Flood
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- Zone V: SFHA - 1% Annual Chance Flood
- Zone W: SFHA - 1% Annual Chance Flood
- Zone X: SFHA - 1% Annual Chance Flood
- Zone Y: SFHA - 1% Annual Chance Flood
- Zone Z: SFHA - 1% Annual Chance Flood

UNINCORPORATED AREAS

- Anderson County Unincorporated Areas 470217

OTHER FEATURES

- Water
- Roads
- Buildings
- Topography

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
UNINCORPORATED AREAS

PANEL 0006F

PANEL 00 OF 00
 (SEE MAP SHEET FOR PANEL NUMBER)
 COUNTY: ANDERSON
 AUGUST 2004
 1:50,000

MAP NUMBER
 4702170006F
EFFECTIVE DATE
 JANUARY 11, 2007

Federal Emergency Management Agency

NOTES TO USERS

1. This map was prepared by the Tennessee Department of Transportation (TDOT) in cooperation with the Tennessee Department of Environment and Conservation (TDEC) and the Tennessee Department of Revenues (TDOR). The map is intended for informational purposes only and does not constitute a warranty or representation of any kind. The user assumes all responsibility for the use of the information provided on this map.

2. The map is based on the most current data available at the time of printing. It is possible that some information may have changed since the map was prepared. The user should verify the accuracy of the information before using it for any purpose.

3. The map is not intended to be used for navigation or other purposes that require precise location information. It is intended for general informational purposes only.

4. The map is not intended to be used for legal or other purposes that require precise location information. It is intended for general informational purposes only.

5. The map is not intended to be used for legal or other purposes that require precise location information. It is intended for general informational purposes only.

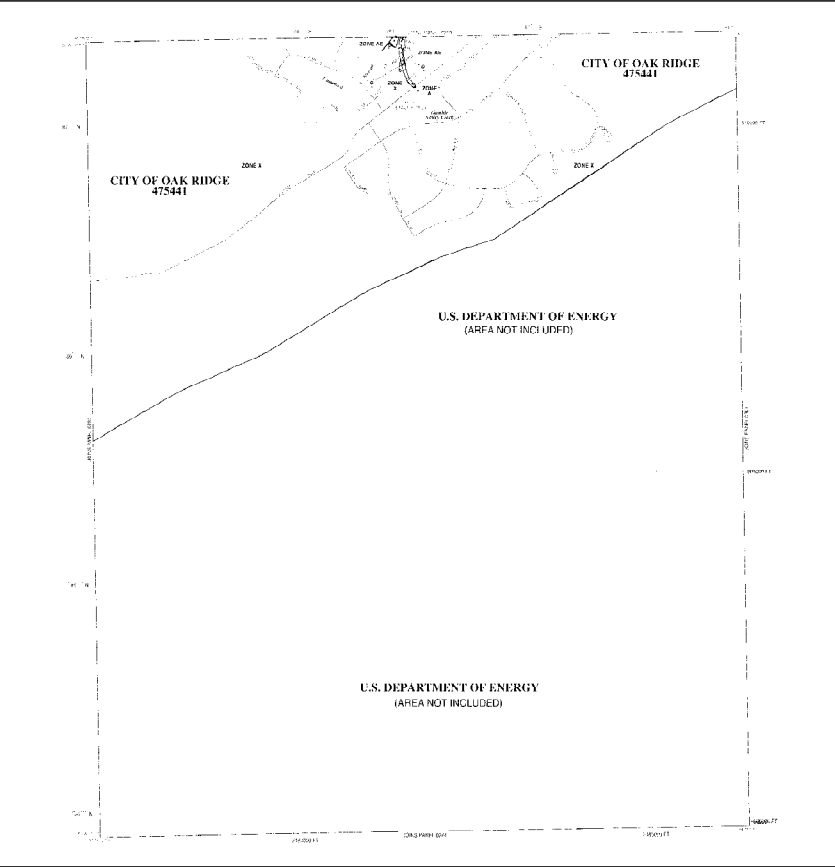
6. The map is not intended to be used for legal or other purposes that require precise location information. It is intended for general informational purposes only.

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10. The map is not intended to be used for legal or other purposes that require precise location information. It is intended for general informational purposes only.



LEGEND

Zone A	Zone B	Zone C	Zone D	Zone E	Zone F
City of Oak Ridge 47541	U.S. Department of Energy (Area Not Included)	U.S. Department of Energy (Area Not Included)	U.S. Department of Energy (Area Not Included)	U.S. Department of Energy (Area Not Included)	U.S. Department of Energy (Area Not Included)
Major Road	Minor Road	Water	Topography	Boundary	Other

MAP SCALE 1" = 1/2 MI

PANEL 0282F

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
AND ADJACENT AREAS

PANEL 0282F OF 30
EFFECTIVE DATE
JANUARY 07, 2007

MAP NUMBER
475410282F

Effective Date: January 07, 2007

NOTES TO USERS

1. This map is a Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) for the purpose of determining flood insurance rates. It is not intended to be used for any other purpose.

2. The FIRM is based on the best available data at the time of its preparation. It is not a guarantee of accuracy and is not intended to be used as a basis for any other action.

3. The FIRM is subject to change without notice. It is recommended that users check for updates to the FIRM on a regular basis.

4. The FIRM is not a substitute for a professional engineering or architectural opinion. It is recommended that users consult with a professional engineer or architect before using the FIRM for any other purpose.

5. The FIRM is not a substitute for a professional engineering or architectural opinion. It is recommended that users consult with a professional engineer or architect before using the FIRM for any other purpose.

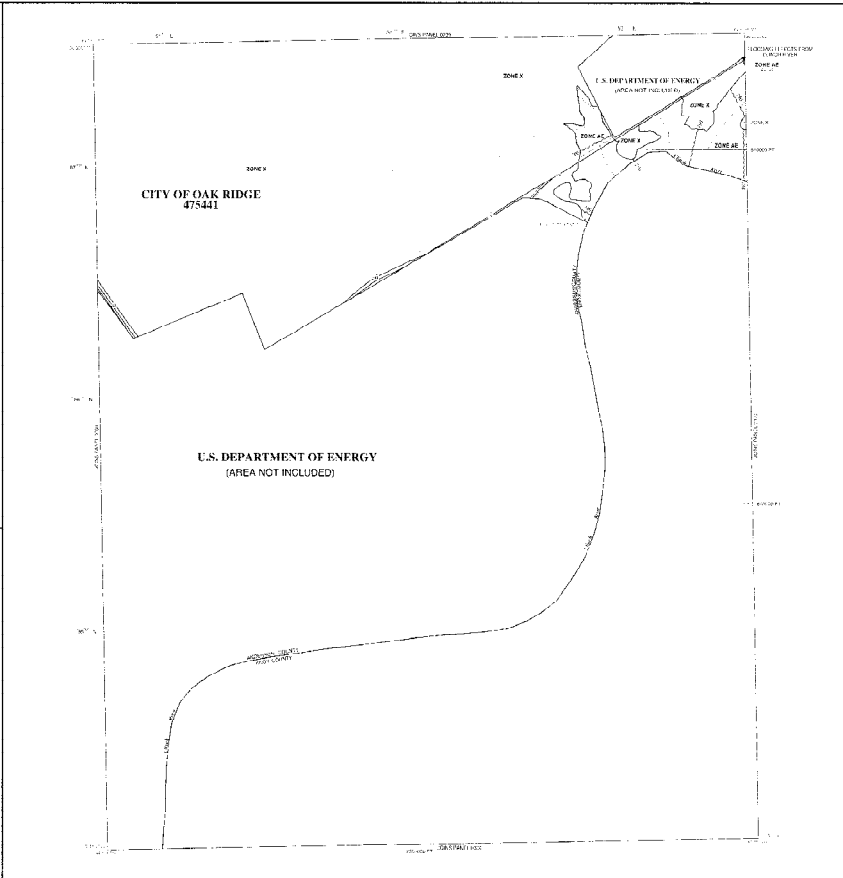
6. The FIRM is not a substitute for a professional engineering or architectural opinion. It is recommended that users consult with a professional engineer or architect before using the FIRM for any other purpose.

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LEGEND

[Symbol]	Zone A - Special Flood Hazard Area (SFHA) - 1% Annual Chance Flood
[Symbol]	Zone B - SFHA - 1% Annual Chance Flood
[Symbol]	Zone C - SFHA - 1% Annual Chance Flood
[Symbol]	Zone D - SFHA - 1% Annual Chance Flood
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[Symbol]	Zone X - SFHA - 1% Annual Chance Flood
[Symbol]	Zone Y - SFHA - 1% Annual Chance Flood
[Symbol]	Zone Z - SFHA - 1% Annual Chance Flood

PANEL 0007P

FIRM
FLOOD INSURANCE RATE MAP
ANDERSON COUNTY,
TENNESSEE
UNDIGITIZED MAP

FIRM NO. 22000
EFFECTIVE DATE
AUGUST 1, 2007

U.S. DEPARTMENT OF COMMERCE
FEDERAL EMERGENCY MANAGEMENT AGENCY

NOTES TO USERS

1. This map is based on the 2002 Flood Insurance Rate Map (FIRM) for the City of Oak Ridge, Tennessee. It is intended for use as a reference only and does not constitute a contract. The actual flood hazard zone for any particular property should be determined by consulting the official FIRM for that property.

2. The City of Oak Ridge is located in Anderson County, Tennessee. The map shows the city limits and the surrounding flood hazard zones. The City of Oak Ridge is bounded by the following coordinates: 36° 00' 00" N, 83° 45' 00" W, 36° 05' 00" N, and 83° 40' 00" W.

3. The map shows the following flood hazard zones: Zone AE (Special Flood Hazard Area), Zone X (Moderate Flood Hazard Area), Zone V (Very High Flood Hazard Area), Zone A (Accumulated Flood Hazard Area), Zone D (Dry Flood Hazard Area), Zone O (Other Flood Hazard Area), Zone P (Potential Flood Hazard Area), Zone U (Uninsurable Flood Hazard Area), Zone I (Intermediate Flood Hazard Area), Zone M (Minimum Flood Hazard Area), Zone H (High Flood Hazard Area), Zone L (Low Flood Hazard Area), Zone S (Severe Flood Hazard Area), Zone T (Tropical Storm Flood Hazard Area), Zone W (Watershed Flood Hazard Area), Zone Y (Yield Flood Hazard Area), Zone Z (Zone Flood Hazard Area).

4. The map is based on the following data sources: USGS Flood Insurance Rate Map (FIRM) for the City of Oak Ridge, Tennessee; USGS Flood Insurance Rate Map (FIRM) for the Anderson County, Tennessee; USGS Flood Insurance Rate Map (FIRM) for the State of Tennessee; USGS Flood Insurance Rate Map (FIRM) for the United States of America.

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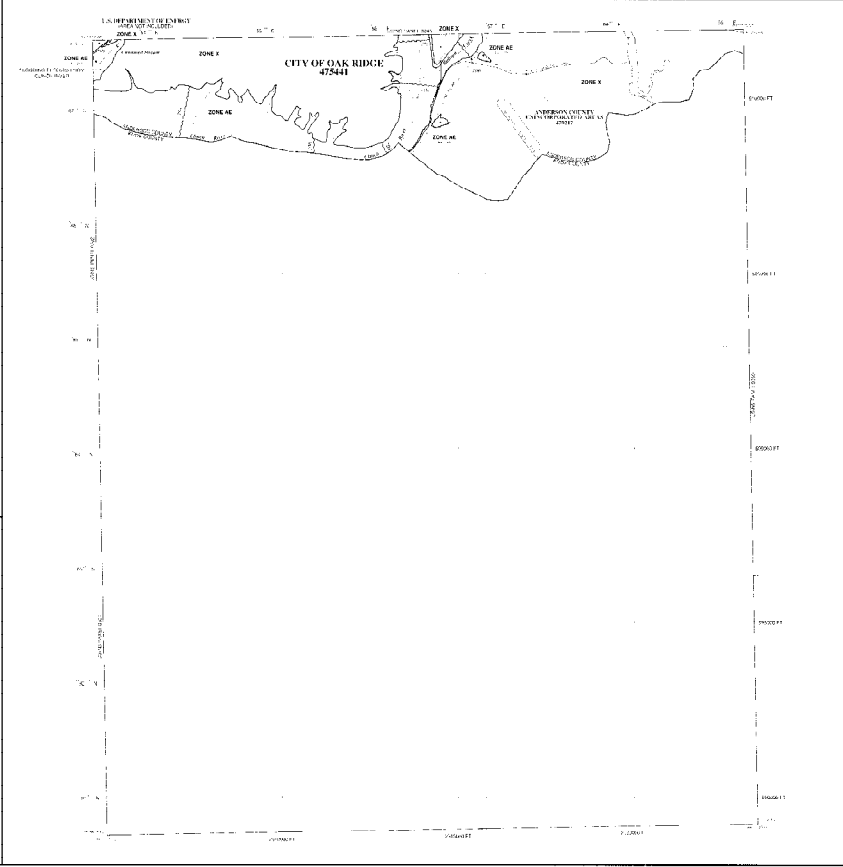
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LEGEND

Zone AE (Special Flood Hazard Area)

Zone X (Moderate Flood Hazard Area)

Zone V (Very High Flood Hazard Area)

Zone A (Accumulated Flood Hazard Area)

Zone D (Dry Flood Hazard Area)

Zone O (Other Flood Hazard Area)

Zone P (Potential Flood Hazard Area)

Zone U (Uninsurable Flood Hazard Area)

Zone I (Intermediate Flood Hazard Area)

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Zone Z (Zone Flood Hazard Area)

Other Flood Hazard Area

Potential Flood Hazard Area

Uninsurable Flood Hazard Area

Intermediate Flood Hazard Area

Minimum Flood Hazard Area

High Flood Hazard Area

Low Flood Hazard Area

Severe Flood Hazard Area

Tropical Storm Flood Hazard Area

Watershed Flood Hazard Area

Yield Flood Hazard Area

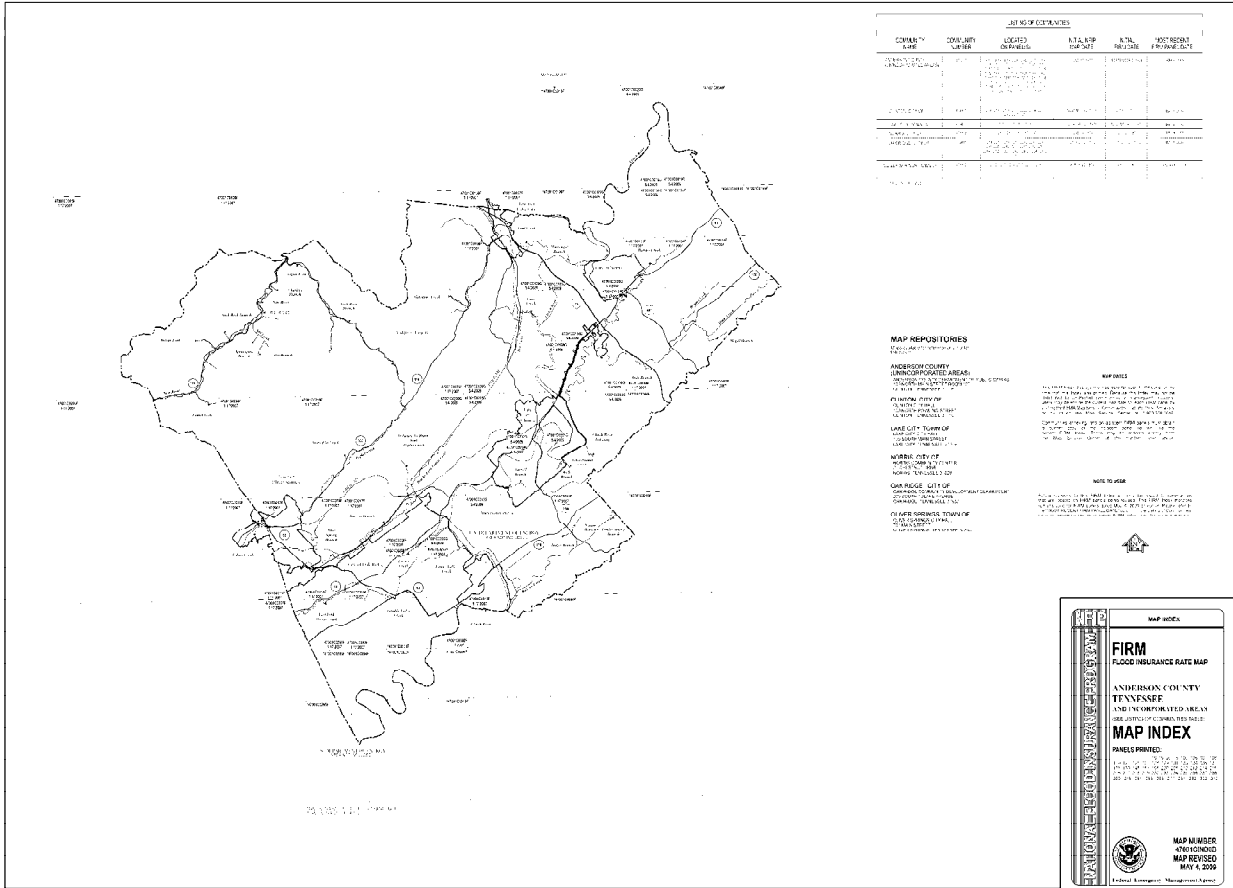
Zone Flood Hazard Area

PANEL C310P

FIRM
FLOOD INSURANCE RATE MAP
ANDINAE FLOOD HAZARD ZONES
ANDINAE FLOOD HAZARD ZONES

FIRM NUMBER
400100100E
EFFECTIVE DATE
NOVEMBER 13, 2002

Federal Emergency Management Agency



APPENDIX 4: HAZUS
Flood Insurance Rate Maps for Anderson County

Hazus: Flood Global Risk Report

Region Name: Anderson_County

Flood Scenario: Anderson_County_100yr_Flood

Print Date: Monday, August 23, 2021

Disclaimer:

This version of Hazus utilizes 2010 Census Data.

Totals only reflect data for those census tracts/blocks included in the user's study region.

The estimates of social and economic impacts contained in this report were produced using Hazus loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific Flood. These results can be improved by using enhanced inventory data and flood hazard information.



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General Building Stock	4
Essential Facility Inventory	5
Flood Scenario Parameters	6
Building Damage	
General Building Stock	7
Essential Facilities Damage	9
Induced Flood Damage	10
Debris Generation	
Social Impact	10
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Building-Related Losses	
Appendix A: County Listing for the Region	15
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General Description of the Region

Hazus is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of Hazus is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- Tennessee

Note:

Appendix A contains a complete listing of the counties contained in the region .

The geographical size of the region is approximately 345 square miles and contains 3,000 census blocks. The region contains over 31 thousand households and has a total population of 75,129 people (2010 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B .

There are an estimated 32,814 buildings in the region with a total building replacement value (excluding contents) of 8,227 million dollars. Approximately 92.22% of the buildings (and 70.91% of the building value) are associated with residential housing.



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Building Inventory

General Building Stock

Hazus estimates that there are 32,814 buildings in the region which have an aggregate total replacement value of 8,227 million dollars. Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

Table 1
Building Exposure by Occupancy Type for the Study Region

Occupancy	Exposure (\$1000)	Percent of Total
Residential	5,833,995	70.9%
Commercial	1,504,816	18.3%
Industrial	493,053	6.0%
Agricultural	17,580	0.2%
Religion	213,457	2.6%
Government	48,684	0.6%
Education	115,492	1.4%
Total	8,227,077	100%

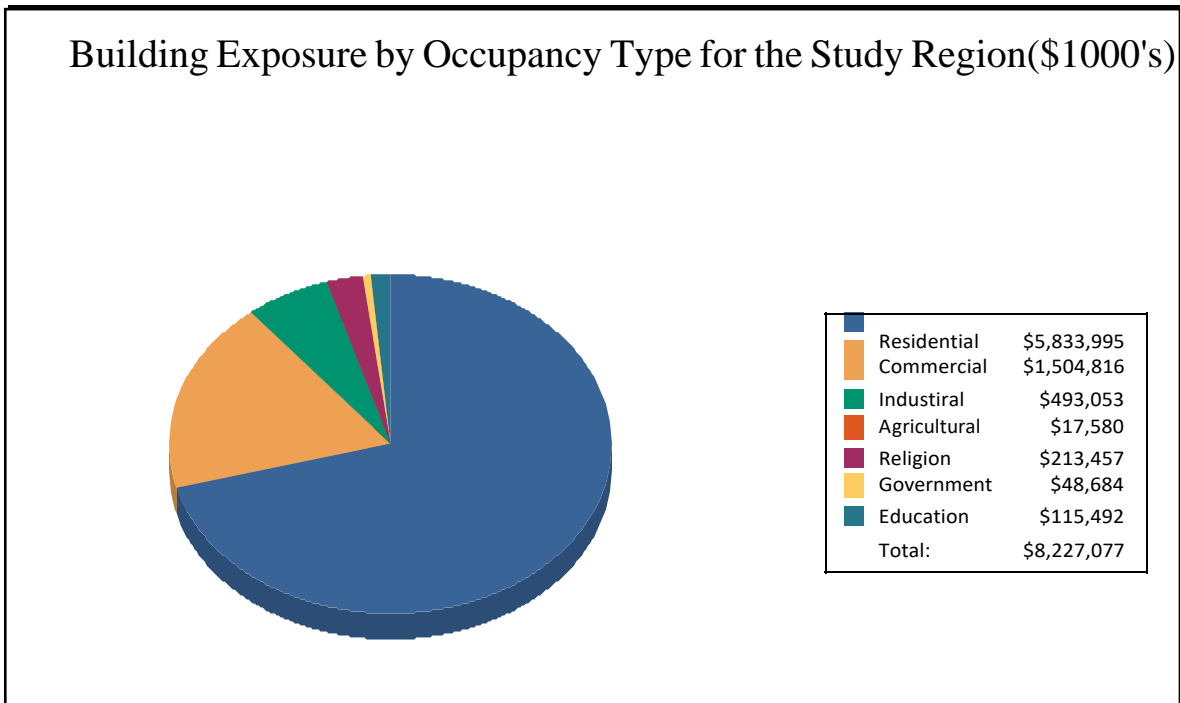
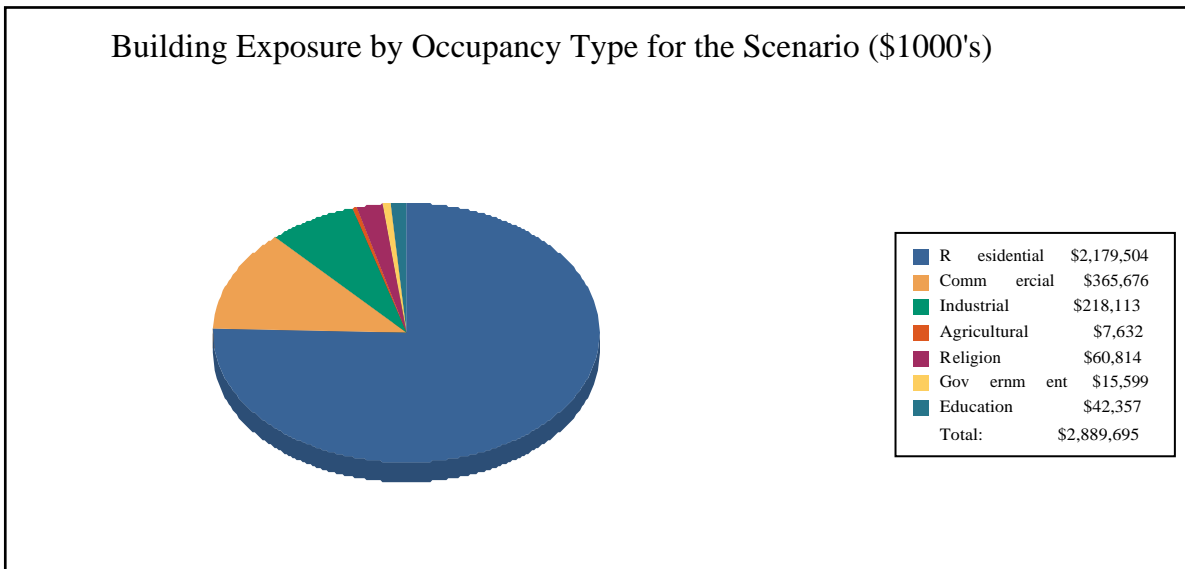




Table 2
Building Exposure by Occupancy Type for the Scenario

Occupancy	Exposure (\$1000)	Percent of Total
Residential	2,179,504	75.4%
Commercial	365,676	12.7%
Industrial	218,113	7.5%
Agricultural	7,632	0.3%
Religion	60,814	2.1%
Government	15,599	0.5%
Education	42,357	1.5%
Total	2,889,695	100%



Essential Facility Inventory

For essential facilities, there are 2 hospitals in the region with a total bed capacity of 241 beds. There are 32 schools, 9 fire stations, 5 police stations and 1 emergency operation center.



Building Damage

General Building Stock Damage

Hazus estimates that about 649 buildings will be at least moderately damaged. This is over 12% of the total number of buildings in the scenario. There are an estimated 481 buildings that will be completely destroyed. The definition of the 'damage states' is provided in the Hazus Flood Technical Manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

Total Economic Loss (1 dot = \$300K) Overview Map

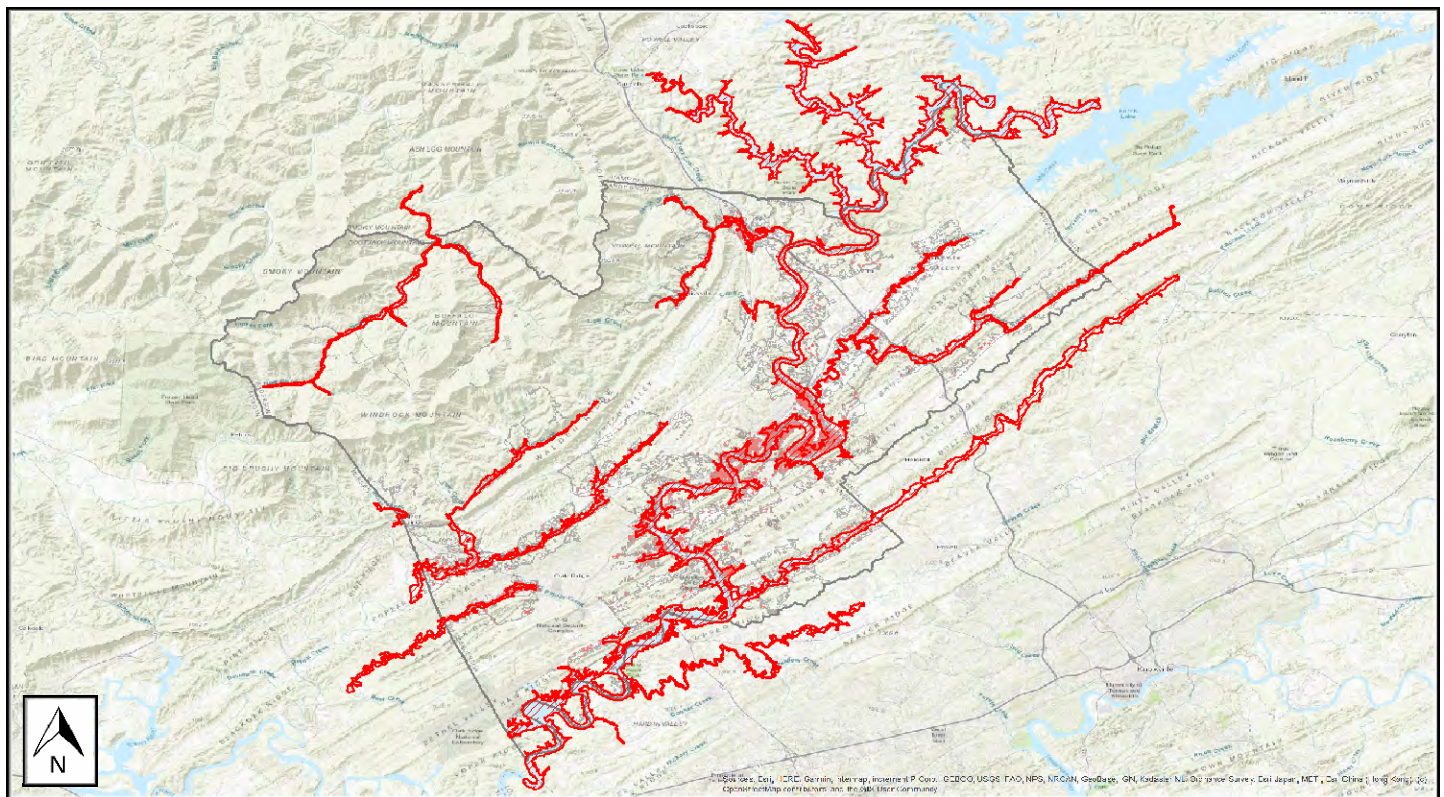
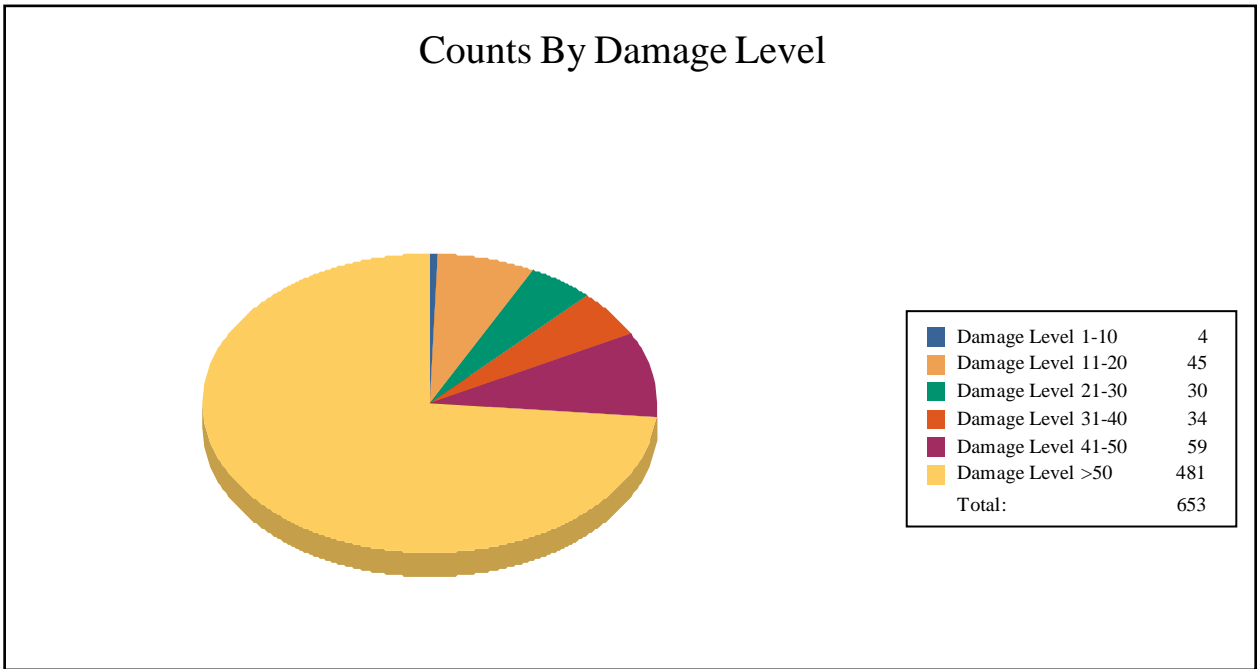




Table 3: Expected Building Damage by Occupancy

Occupancy	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	2	25	0	0	0	0	1	13	5	63
Education	0	0	0	0	0	0	0	0	0	0	0	0
Government	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	1	20	0	0	0	0	1	20	3	60
Religion	0	0	0	0	0	0	0	0	0	0	0	0
Residential	4	1	42	7	30	5	34	5	57	9	473	74
Total	4		45		30		34		59		481	



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Table 4: Expected Building Damage by Building Type

Building Type	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0	0	0	0	0	0	0	0	0	1	100
ManufHousing	0	0	0	0	0	0	0	0	0	0	27	100
Masonry	0	0	1	3	1	3	0	0	3	8	32	86
Steel	0	0	1	25	0	0	0	0	0	0	3	75
Wood	4	1	41	7	29	5	34	6	55	9	426	72



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Essential Facility Damage

Before the flood analyzed in this scenario, the region had 241 hospital beds available for use. On the day of the scenario flood event, the model estimates that 241 hospital beds are available in the region.

Table 5: Expected Damage to Essential Facilities

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Emergency Operation Centers	1	0	0	0
Fire Stations	9	1	1	1
Hospitals	2	0	0	0
Police Stations	5	2	0	1
Schools	32	0	1	1

If this report displays all zeros or is blank, two possibilities can explain this.

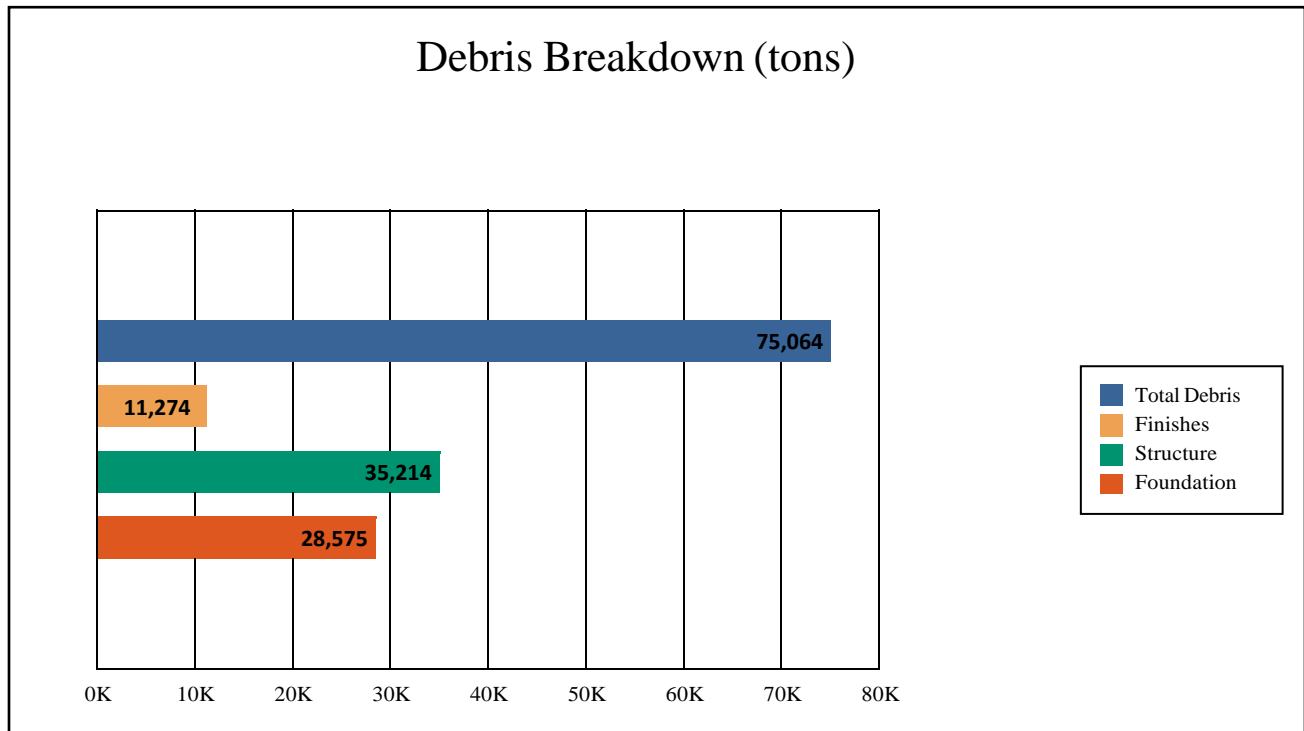
- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



Induced Flood Damage

Debris Generation

Hazus estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.



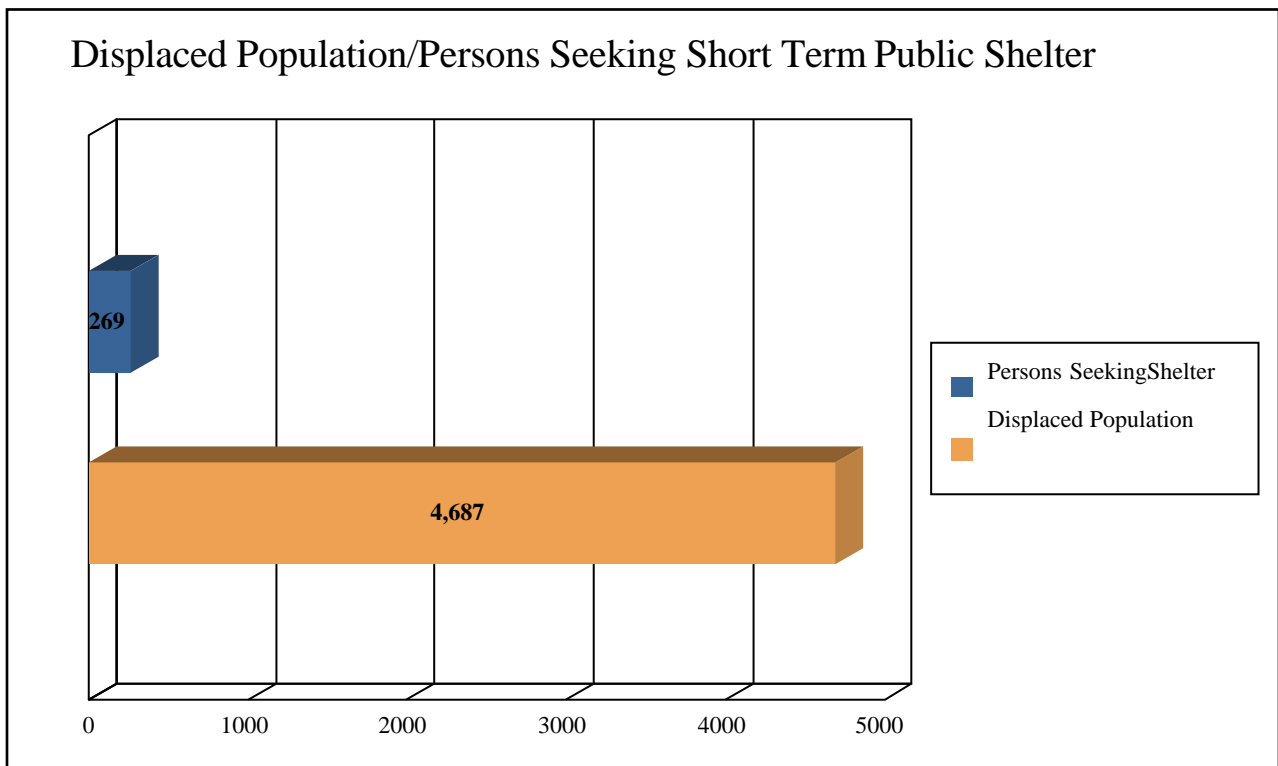
The model estimates that a total of 75,064 tons of debris will be generated. Of the total amount, Finishes comprises 15% of the total, Structure comprises 47% of the total, and Foundation comprises 38%. If the debris tonnage is converted into an estimated number of truckloads, it will require 3003 truckloads (@25 tons/truck) to remove the debris generated by the flood.



Social Impact

Shelter Requirements

Hazus estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. Hazus also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 1,562 households (or 4,687 of people) will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 269 people (out of a total population of 75,129) will seek temporary shelter in public shelters.



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Economic Loss

The total economic loss estimated for the flood is 976.73 million dollars, which represents 33.80 % of the total replacement value of the scenario buildings.

Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 630.26 million dollars. 35% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 33.30% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.



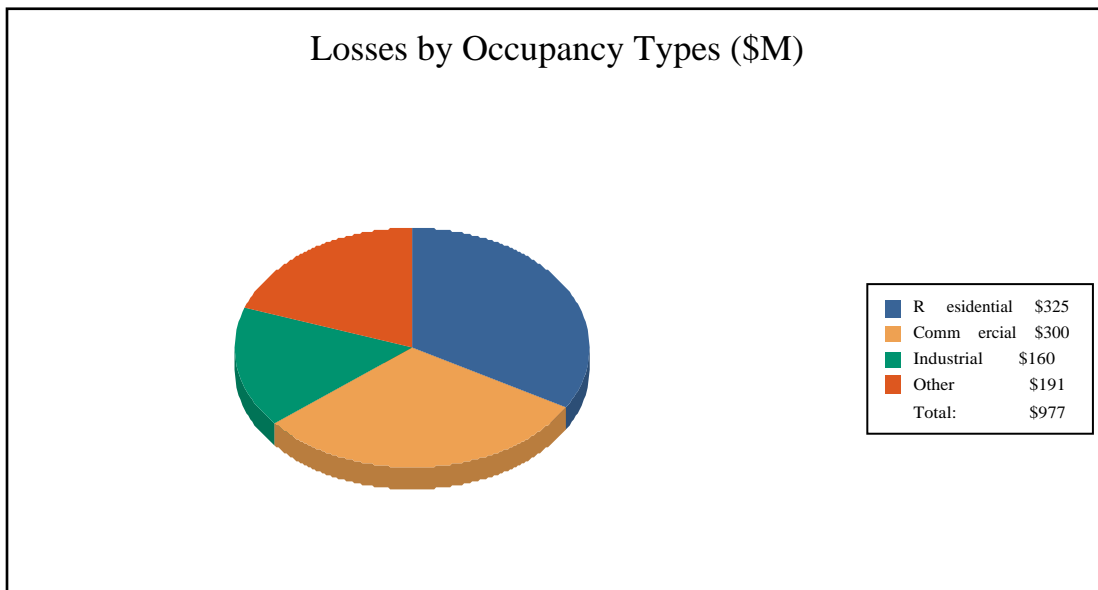
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Table 6: Building-Related Economic Loss Estimates
(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
Building Loss						
	Building	183.92	54.57	38.99	12.16	289.64
	Content	91.10	98.13	93.22	37.51	319.96
	Inventory	0.00	3.12	17.41	0.14	20.66
	Subtotal	275.02	155.81	149.62	49.81	630.26
Business Interruption						
	Income	0.86	55.66	2.87	12.44	71.83
	Relocation	34.35	18.14	2.65	6.85	62.00
	Rental Income	12.95	12.50	0.74	0.72	26.90
	Wage	2.04	58.28	3.81	121.62	185.74
	Subtotal	50.20	144.57	10.07	141.62	346.47
ALL	Total	325.22	300.39	159.68	191.43	976.73



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Appendix A: County Listing for the Region

Tennessee

- Anderson



FEMA

RiskMAP
Increasing Resilience Together

Appendix B: Regional Population and Building Value Data

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
Tennessee				
Anderson	75,129	5,833,995	2,393,082	8,227,077
Total	75,129	5,833,995	2,393,082	8,227,077
Total Study Region	75,129	5,833,995	2,393,082	8,227,077



**Oak Ridge City Schools
Resolution to Adopt the Finalized Anderson County Hazard Mitigation Plan**

WHEREAS, The participating jurisdictions of Oak Ridge City Schools have worked together to develop a strategy known as the Anderson County Hazard Mitigation Plan to improve disaster resistance in the planning area; AND

WHEREAS, the Federal Disaster Mitigation Act of 2000 (DMA2000) pursuant 44 CFR Part 201 and the Federal Emergency Management Agency (FEMA) require communities to adopt an approved hazard mitigation plan in order to be eligible to receive pre-disaster and post disaster federal funding for mitigation purposes; AND

WHEREAS, the participating jurisdiction has participated in the hazard mitigation plan by the formation of a Mitigation Planning Committee (MPC); AND

WHEREAS, the MPC recommends the formal adoption of the Anderson County Hazard Mitigation Plan by the passing of this resolution.

NOW THEREFORE BE IT RESOLVED BY THE OAK RIDGE CITY SCHOOL BOARD OF EDUCATION ON THE TWENTY-SEVENTH DAY OF JANUARY, 2025 AS FOLLOWS:

Section 1: The participating stakeholder hereby approves and adopts the hazard mitigation plan in its entirety with projects as adopted by the MPC; AND agree to be governed by the Hazard Mitigation Plan attached hereto and incorporated.

Section 2: The participating stakeholder authorizes the appropriate participating officials to pursue funding opportunities for implementation of proposals designated therein; AND will upon receipt of such funding or other necessary resources, seek to implement the actions contained in the hazard mitigation plan.

Section 3: The participating jurisdiction will continue to cooperate and participate in the hazard mitigation planning process, holding regular meetings, including reporting of progress as required by FEMA, the Tennessee Emergency Management Agency (TEMA) and the MPC.

Dr. Bruce Borchers, Superintendent

Laura McLean, BOE Chair

Oak Ridge Board of Education

Monitoring: Review: Annually, in September	Descriptor Term: Background Investigations	Descriptor Code: 5.118	Issued Date: <u>01/27/25</u> <u>08/27/18</u> <u>08/27/18</u>
		Rescinds: 5.118	Issued: <u>08/27/18</u> 08/24/15

1 *General*

2 Background checks shall be required for applicants, employees, contract workers, and volunteers.¹

3 The Superintendent/designee shall develop any necessary corresponding procedures.

4 **APPLICANTS AND EMPLOYEES**

5 To ensure the safety and welfare of students and staff, the district shall require criminal history
6 background checks and fingerprinting of applicants for teaching positions and any other positions that
7 require proximity to children. Further, applicants who (1) have been identified by the Department of
8 Children's Services as perpetrators of child abuse, severe child abuse, child sexual abuse, or child
9 neglect, or who pose an immediate threat to the health, safety, or welfare of children; or (2) who are
10 listed on the state's abuse of vulnerable persons registry maintained by the Department of Health shall
11 not be employed.² Any costs incurred to perform these background checks and fingerprinting shall be
12 paid by the District.³

13 Applicants and current employees shall be entered into the federal RAP back program. Notice of the
14 following shall be provided:

15 1. Fingerprints will be retained by the Tennessee Bureau of Investigation and the Federal
16 Bureau of Investigation for all purposes and uses authorized for fingerprint submission.

17 ~~Background checks shall be required of these employees at least once every five (5) years after the date~~
18 ~~of hire.⁴~~

19 **USE AND DISSEMINATION**

20 Fingerprints or other approved forms of positive identification shall be submitted with all requests for
21 criminal history record checks for non-criminal justice purposes.⁴ The Superintendent/designee shall
22 ensure the Originating Agency Identifier number is on file at all times.

23 Tennessee and FBI Criminal History Record Information (CHRI) obtained by the district shall be
24 solely used to verify criminal violation(s) and shall not be disseminated. Results shall be considered
25 confidential and only accessible to district personnel identified by the Superintendent. CHRI shall only
26 be accessed by authorized personnel in the performance of their duties and shall never be released to
27 the public.

1 All persons directly associated with the accessing, maintaining, processing, dissemination or
2 destruction of CHRI must sign an awareness statement and shall indicate that they have been specially
3 trained on the subject. The training shall provide those with access to criminal history record
4 information with a working knowledge of federal and state regulations and laws governing the security
5 and processing of criminal history information. The Superintendent/designee is responsible for
6 ensuring that authorized personnel receive such training within 60 days of employment or job
7 assignment and every three years.

8 **RETENTION AND SECURITY**

9 The Superintendent/designee shall develop procedures to ensure CHRI is stored in a secure location.
10 Areas in which CHRI is processed and handled shall be restricted to authorized personnel identified by
11 the Superintendent. The area shall be out of the view of the public and unauthorized personnel. The
12 Superintendent/designee shall maintain a list of all employees who have access to, can process,
13 disseminate, and/or destroy CHRI.

14 **DISPOSAL OF CHRI**

15 When CHRI is no longer needed, it shall be destroyed by burning, shredding or other method rendering
16 the information unreadable. Record destruction must be conducted under the supervision of the
17 Superintendent/designee.

18 **MISUSE**

19 Employees who misuse CHRI or violate this policy shall be subject to disciplinary action up to and
20 including termination. Any employee with knowledge of misuse shall immediately report a violation to
21 the Superintendent.
22

Legal References

1. Public Acts of 2018, Chapter No. 1006
2. TCA 49-5-406(a)(1); TCA 49-5-403;
TCA 49-5-413(a)(2), (e)
3. TCA 49-5-413(c)
4. 34 USCA § 40316

Cross References

Application and Employment 5.106

Oak Ridge Board of Education

Monitoring: Review: Annually, in January	Descriptor Term: Credit for Prior Service Advanced Preparation	Descriptor Code: 5.1101	Issued Date: 01/26/15
		Rescinds: 5.1101 / IV-27	Issued: 03/29/07

1 PRIOR SERVICE

2 The maximum allowable experience limit is determined annually by the Board as part of budget
3 adoption. Experience earned outside of Oak Ridge Schools must comply with the current guidelines
4 established by the Tennessee State Department of Education (SDE) to be considered acceptable.

5 The Superintendent may award up to a maximum of five years of experience credit in order to employ
6 highly qualified teachers with the occupational license.

7 ADVANCED PREPARATION

8 All personnel designated by the State Department of Education shall possess a state license. A person
9 with a baccalaureate degree will be placed on the salary index approved by the board of education at
10 the baccalaureate level.

11 1. With a transcript for ten (10) semester hours or equivalent quarter hours* above the
12 baccalaureate degree, earned after July 1, 1971, which may be any hours taken, a person will
13 be placed at that level on the salary index approved by the board of education.

14 2. To be placed on the baccalaureate +20 step of the salary index as approved by the board of
15 education, the twenty (20) semester hours or equivalent quarter hours* recognized as
16 intermediate steps must be toward a master's degree and earned after July 1, 1971, and the
17 nature of courses pursued in the graduate program must indicate that public education is the
18 primary aim of the teacher as a career.

19 A teacher shall be placed on the master's degree salary schedule only on the basis of a granted master's
20 degree or license by the college or university attended and the State Department of Education that all
21 requirements for the degree have been met by October 1 of that fiscal year, provided, however, that the
22 degree has been earned in a college or university approved by recognized accrediting agencies for
23 granting graduate degrees, and the nature of courses pursued in the graduate program indicates that
24 public education was the primary aim of the teacher as a career.

25 The ten (10) and twenty (20) semester hours or equivalent quarter hours* above the master's degree
26 must be approved by the school principal and the superintendent or his/her designee prior to taking the
27 courses for placement at either level on the salary index as approved by the board of education. For
28 placement on these levels, the person must also have the experience required by the approved salary
29 index.

30 A teacher shall be placed on the master's degree plus thirty (30) semester hours or equivalent quarter
31 hours* salary schedule only if the requirements of the Tennessee State Department of Education for

1 that salary level and teaching experience as outlined in the teacher salary index approved by the board
2 of education are met. All requirements for the master's degree plus thirty (30) semester hours or
3 equivalent quarter hours rating must be met by October 1 of that fiscal year. Any exception to this
4 policy must be approved by the board of education.

5 A teacher shall be placed on the doctor's degree salary schedule only on the basis of a granted doctor's
6 degree from an accredited university or license by the university and the State Department of
7 Education that all requirements for the degree have been met by October 1 of that fiscal year, and if
8 teaching experience as outlined in the teacher salary index approved by the board of education has
9 been met.

**Note: Three quarter hours are equivalent to two semester hours.*

January 13, 2025

Mr. Matthew Bradburn
Executive Director Human Resources
Oak Ridge Schools
304 New York Avenue
Oak Ridge, TN 37830

Dear Mr. Bradburn,

I'm reaching out to request financial recognition of the academic credits I have earned thus far as I work towards an Education Specialist degree in Library Media from the University of West Alabama. As you will see from the transcript included, I have earned 24 credits and am therefore eligible for the MS+20 salary scale. I hope to have the remaining credits for the degree completed this summer.

Thank you for your time and attention.

Warm regards,

Caramia Milloway
Library Media Specialist, Oak Ridge High School



Oak Ridge

HIGH SCHOOL

Lisa Anne Weathers
112 Underwood Road
Oak Ridge, TN 37830
laweathers@ortn.edu

January 8, 2025

Oak Ridge School Board
304 New York Avenue
Oak Ridge, TN 37830

Subject: Request for Exception to Policy 5.1101 for Salary Adjustment

Dear School Board Members,

I am writing to formally request an exception to School Board Policy 5.1101 regarding salary adjustments based on degree completion. I recently graduated from Arkansas State University with an Educational Specialist degree, completing all required coursework online. My final course, an internship under the mentorship of Stephanie Thompson, involved over 150 service hours and was completed on December 6, 2024.

After discussing the policy with Cathy Dunning in Human Resources and consulting with two colleagues, I understand that coursework must typically be completed prior to October 1 to qualify for a salary adjustment for the current school year. However, due to the structured outline of the program at Arkansas State University, it is not feasible to complete the internship or degree requirements mid-semester.

I respectfully request that the school board approve an exception to Policy 5.1101 to allow me to receive the salary increase for the 2024-2025 school year. Additionally, I kindly ask that this matter be added to the agenda for the January school board meeting.

To support this request, I have included my unofficial transcript and degree progress documentation, both of which confirm the completion of 30 credit hours and all degree requirements. I will submit my official transcript as soon as it becomes available following Arkansas State University's conferral process. Thank you for considering my request. I greatly appreciate your time and understanding. Please let me know if further documentation or information is needed to assist in this matter.

Sincerely,

Lisa Anne Weathers
Special Education Teacher

Oak Ridge High School
1450 Oak Ridge Turnpike | Oak Ridge, TN 37830
(865) 425-9601
www.ortn.edu/highschool



Oak Ridge High School
1450 Oak Ridge Turnpike
Oak Ridge, TN 37830
(865) 425-9601 Fax: (865) 425-9678

January 7, 2025

Matthew Bradburn
Executive Director of Human Resources
Oak Ridge Schools

Dear Matthew,

I am currently working toward my Education Specialist (EdS) degree through Arkansas State University-Jonesboro and in December finished my first semester of coursework consisting of four courses and twelve credit hours.

As such, I would like to formally request an adjustment to both my salary and television stipend (which is based on my salary) to reflect the additional earned credits.

I am on the old salary schedule and currently on Step 14 with my Masters degree. I am requesting an adjustment one column to the right so I would be on Step 14 with my Masters+10.

I have attached an official transcript from Arkansas State reflecting the completed coursework.

I understand that this request will need to be added to the agenda for the January 27, 2025 Board of Education meeting.

Please let me know if there is anything else you need from me.

Sincerely,

Dave Kolodney
Broadcasting Teacher
CCTE Department Chair
Oak Ridge High School

Principal
Drayton Hawkins

Assistant Principals
Beth Estep
David Foust
Jennifer Milligan
Stephanie Thompson
Russ Wise

Athletic Director
Joe B. Gaddis

Dear Members of the Board of Education,

I hope this letter finds you well. I am writing to respectfully request your consideration for an exception to the district's policy regarding the pay increase associated with the completion of a graduate degree. Specifically, I would like to request that my completion of my Master's degree be considered for a pay raise, despite having completed my degree program after the designated October deadline.

According to district policy, educators must complete their degree program by the end of October to be eligible for the corresponding salary increase. I understand the importance of adhering to deadlines, and I have always made every effort to meet expectations and contribute positively to the district. However, my degree was conferred in December, and while this is slightly past the required deadline, I believe that my dedication and commitment to professional growth, along with my role as a valued member of the district, warrant consideration for an exception to this policy.

I would like to emphasize that I completed my coursework and all required elements of my degree program within the designated academic year, and the delay in the official conferral of my degree was a matter of timing related to the graduation schedule rather than a reflection of my commitment or completion of the necessary work.

Given my continued dedication to providing the best possible education to our students and my ongoing professional development through this advanced degree, I respectfully request that the board review my situation and consider granting me the pay raise associated with my Master's degree, effective immediately.

I have attached my transcripts that were sent to HR and TN DOE on December 6, 2024. Thank you for your time and thoughtful consideration of this request. I look forward to your response.

Sincerely,
April Hope Smith
Preschool Teacher
Oak Ridge Schools' Preschool

Western Governors University

4001 S 700 East, #700, Salt Lake City, UT 84107
Academic Transcript

Page: 1

Student Name: April H Smith

Student ID: 012259471

Program: Master of Science, Curriculum and Instruction

Date of Birth: Apr 21

SSN: ***-**-1515

Major: Curriculum and Instruction

Issued for: April H Smith

Course Level: Graduate

301 Briarcliff Ave Apt L2
Oak Ridge, TN 37930

Date Issued: Dec 06, 2024

Achievements Awarded:

Degree Awarded Master of Science

Major: Curriculum and Instruction

Date Awarded: Dec 06, 2024

COURSE #	COURSE TITLE	CU	GRD
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Term: Jul 2024 - Dec 2024

EWOB ORA1	Orientation	0	Passed
EDUC D180	Educational Research	3	Passed
EDUC D179	Data-Informed Practices	3	Passed
EDUC D186	Learning as a Science	3	Passed
EDUC D184	Standards-Based Assessment	3	Passed
EDUC D187	Differentiated Instruction	3	Passed
EDUC D188	The Collaborative Leader	3	Passed
EDUC D181	MSCIN Capstone	5	Passed
EDUC D629	The Reflective Practitioner	3	Passed
EDUC D631	Designing Curriculum and Instruction II	3	Passed
EDUC D630	Designing Curriculum and Instruction I	3	Passed

Term: Attempted: 32 Completed: 32

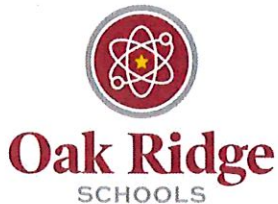
***** TRANSCRIPT TOTALS *****

	Attempted	Earned
Total Institution:	32	32
Total Transfer/Satisfied:		0
Overall:	32	32

***** END OF TRANSCRIPT *****


 Gabrielle Martinez, MS
 Registrar

The Family Educational Rights and Privacy Act of 1974 (as amended) prohibits the release of this information without the student's written consent. An official transcript must include the signature of the registrar and the seal of the college or university. This document reports academic information only.



OAK RIDGE SCHOOLS

Technology Department

Telephone: (865) 425-9015 | Fax: (865) 425-9062



MEMORANDUM

Date: January 22, 2025

To: Kelly Williams

From: Doug Cofer 

Subject: New Position – Software Developer

I recommend the approval of the IT Software Developer position. This position will replace Tier 2 position. The position is needed to continue working on integration of different databases and departmental applications, such as Power Bi pages, Laptop collection/rollout, High School sports ticketing systems and many more. The salary will be from the attrition of a Tier 2 position and reduction of overtime funds.

Oak Ridge School District

Software Developer (387)

JOB POSTING

Job Details

Posting ID

387

Title

Software Developer

Description

The Oak Ridge Schools Technology Department is seeking a skilled and detail-oriented full stack developer to join our team. The ideal candidate will be responsible for designing, developing, and maintaining front and back-end applications, including database connections, ensuring their optimal performance, security, and integrity. The Software Developer will collaborate closely with other IT professionals to create and optimize complex solutions that support various applications and business processes.

Key Responsibilities

- Design, develop, and maintain applications, ensuring high performance, scalability, and security.
- Write optimized SQL queries, stored procedures, triggers, and functions to manipulate and retrieve data.
- Work closely with Application Engineer and Administrator to integrate databases into applications and optimize queries.
- Perform database tuning and performance optimization to ensure efficient data retrieval and storage.
- Ensure the accuracy, integrity, and security/resiliency of all data within the database systems.
- Work closely with Microsoft Systems Engineer to develop and maintain database backups, recovery plans, and disaster recovery procedures.
- Ability to mine data from existing software packages via ODBC, JDBC, CSV, API, etc.
- Collaborate with the Applications Team to define database structure, data types, and relationships for new or existing systems.
- Troubleshoot and resolve database-related issues, performance bottlenecks, and data inconsistencies.
- Implement and maintain database security measures, ensuring compliance with industry standards and regulations.
- Write and maintain documentation related to database systems, configurations, and procedures.
- Work with Microsoft Systems Team on regular database audits and compliance checks.
- Stay up-to-date with emerging database technologies, trends, and best practices.
- Maintain comprehensive data dictionaries, documentation, and source control for all software solutions.
- Work closely with the Applications Team to develop and document data warehouse collections and datasets needed for BI solutions.
- Analyze and troubleshoot application errors, implementing robust solutions.
- Maintain, enhance, and upgrade existing applications to align with current standards.
- Write, optimize, and maintain clean, reusable, and efficient code.
- Collaborate with functional teams and end-users to gather detailed requirements and provide progress updates, fostering an iterative development approach.
- Stay informed about changes to Oak Ridge Schools policies and state/federal regulations, ensuring compliance within software systems.
- Research emerging technologies and lead initiatives to integrate innovative solutions.
- Other duties as assigned.

Required Qualifications

- Associate's degree in Computer Science, Information Systems, or a related field, or equivalent experience.
- Proven experience as a Programmer or Software Developer.
- Frontend Development:

- Strong proficiency in SQL, including advanced query writing and optimization techniques.
 - Strong proficiency in JavaScript/TypeScript
 - Expertise in React.js with hooks and context management
 - Experience with modern CSS frameworks (Tailwind CSS, Bootstrap)
 - HTML5 and CSS3 expertise, including responsive design
 - Knowledge of frontend build tools (Webpack, Vite)
- Backend Development:
 - Python development expertise
 - Experience with web frameworks (Django, FastAPI, etc.)
 - RESTful API design and implementation
 - Database design and management (SQL)
 - Experience with ORM frameworks (SQLAlchemy, Django ORM)
 - Understanding of server architecture and deployment
 - Familiarity with database management systems (DBMS) such as MySQL and SQL
 - Experience with data modeling, database design, and implementation.
 - Knowledge of database normalization, indexing, and transaction management.
 - Strong troubleshooting and debugging skills in database environments.
 - Ability to work effectively in a team environment and collaborate across different departments.
 - Excellent problem-solving skills and attention to detail.
 - Strong communication skills, both verbal and written.

Preferred Qualifications

- Knowledge of programming languages such as Python, API, HTML5, Javascript, or Power Shell for integrating with database applications.
- Build, refine, and optimize datasets in Power BI, incorporating complex DAX calculations and KPIs.
- Familiarity with Power Apps and Power Automate
- Familiarity with writing DAX expressions
- GraphQL implementation experience
- WebSocket development
- Message queue systems (RabbitMQ, Kafka)
- Experience with real-time data processing

Salary and start date to be determined based upon board approval.

<i>Shift Type</i>	Full-Time	<i>Salary Range</i>	
<i>Salary Code</i>	Per Year	<i>Job Category</i>	Classified
<i>External Job Application</i>	Support Staff	<i>Internal Job Application</i>	Support Staff
<i>Location</i>	IT-TECHNOLOGY	<i>Posting Status</i>	Active
<i>Minimum Qualifications Screening</i>	Years of Experience or Degree		

Job Application Timeframes

<i>Internal Start Date</i>	01/14/2025	<i>General Start Date</i>	01/14/2025
<i>Internal End Date</i>		<i>General End Date</i>	

Job Pools

<i>Pool Name</i>	<i>Quantity</i>	<i>Requisition ID</i>	<i>Requisition Title</i>
Default	1		

Alternate Job Contact

Name
Location
Email

Title
Phone

References

Automatically Send Reference Check **Yes**

Reference Check Form

Classified Survey



FY24-25 Tenure Eligible

Tabatha Gard – Oak Ridge Preschool

Erin Pearson – Oak Ridge Preschool

Kelly Tate – Oak Ridge Preschool

Dr. Ginny Boles – Glenwood Elementary

Andrea Mitchell – Glenwood Elementary

Hannah Hill – Linden

Maryevelyn Drexler – Linden

Benjamin Brewer – Jefferson

Christopher Cantrell – Jefferson

Ashley Bennewitz – Oak Ridge High School

David Foust – Oak Ridge High School

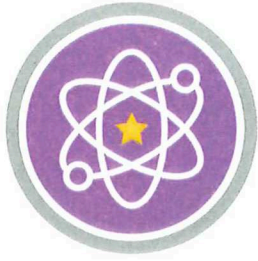
Sheila Morton – Oak Ridge High School

Richard Shaffer – Oak Ridge High School

John Tilson – Oak Ridge High School

Lisa Anne Weathers – Oak Ridge High School

Linda Tutko – Secret City Academy



Oak Ridge Schools

PRESCHOOL

Rationale for Board of Ed approval of VPK Grant Proposal:

I respectfully request Board of Education approval of the proposal for the State's Voluntary Pre-K grant for 2025-2026. This grant has traditionally provided funding for 5 pre-k classrooms to provide services to 100 4-year old students. The attached documents are the responses to the grant questions that have been entered into e-plan.

Once the grant is approved, the budgetary amounts will be entered into e-plan.

Respectfully,

Mrs. Lisa M Downard

Principal

157 Carver Ave | Oak Ridge, TN 37830

lmdownard@ortn.edu | (865) 425-9101

www.ortn.edu

Every student prepared for college, career, and life success



Oak Ridge Schools

PRESCHOOL

1.

Oak Ridge Schools Preschool implements the Creative Curriculum alongside the TN Foundational Skills Curriculum Supplement, offering comprehensive support to our teachers and teaching assistants. The Creative Curriculum provides essential guidance by incorporating everyday items for hands-on investigations relevant to children's lives. Each study lasts about four weeks, with curriculum guides suggesting material rotations in Interest Areas to align with the current study.

During 60 minutes of free-choice time, our educators actively engage with children, fostering learning through high-quality instructional materials that encourage open-ended play. The curriculum includes brief transition activities, known as Mighty Minutes, which consist of songs, chants, rhymes, and games designed to maximize learning opportunities throughout the day. These activities align with objectives in Mathematics, Social/Emotional Development, Physical Education, Cognition, Language, and Literacy. The literacy-focused Mighty Minutes complement the TN Foundational Skills Curriculum Supplement, while Book Discussion Cards promote interactive repeated reading, enhancing listening skills, comprehension, and critical thinking.

Last year, our program allocated funds to acquire high-quality classroom materials that enhance students' play experiences. Resources included STEM materials such as coding robots, puzzles, coding games, process art materials, and books aligned with specific studies. Additionally, we pursued outside grants to purchase materials for a school/community garden. Our focus also includes acquiring items that support specific curriculum studies, including block play materials related to simple machines and dramatic play items representing diverse cultures through food and clothing.

To support curriculum implementation, we offer monthly professional development sessions for all classroom staff covering various topics related to curriculum and standards. For the 2024-2025 school year, we continued this support with a lesson planning review, emphasizing documentation for large group, small group, and interest area planning, as well as incorporating the Sounds First curriculum. Each month, we explore topics related to curriculum implementation, developmentally appropriate practices, data-driven instruction, and the TNELDS.

Teachers participate in weekly Professional Learning Communities (PLCs) focusing on the curriculum's learning objectives and foundational skills supplement. These meetings facilitate the identification and analysis of priority standards, development of SMART goals, and sharing of student data related to specific standards or Intentional Teaching Cards. Collaboration among teachers enables sharing strategies for all aspects of the day. We've also added a monthly PLC group for teaching assistants' professional development. With the addition of four new teaching staff, we established a bi-weekly teacher support group to assist these new teachers in curriculum implementation.

Support is further provided through a Curriculum Coach, who collaborates with new teachers and identified staff members to enhance curriculum implementation. A "teaching practices needs assessment" establishes individual goals, monitored and adjusted throughout the school year.

Each teacher completes a self-assessment fidelity checklist, and the administrative team oversees fidelity checks for the entire staff.

Our Local Education Agency (LEA) has initiated a districtwide program called "Portrait of a Graduate," aimed at ensuring every student receives a high-quality education, preparing them for success in college, career, and life. This initiative creates vertical alignment from PreK through graduation. Our program collaborated with the LEA's Kindergarten teams to develop priority objectives for a successful Kindergarten experience. In September 2024, the district's Literacy Coordinator joined the weekly PLC to ensure vertical alignment with literacy instruction. Each VPK teacher completes a transition sheet detailing students' strengths and areas for improvement, along with the student's spring data for Kindergarten teachers' reference.

Our program maintains a robust instructional schedule of 5.5 hours. Upon arrival, students sign in, practice writing their names, answer a question of the day, review the daily schedule and job chart, and engage in limited choice time. Mealtimes—breakfast, lunch, and snack—are learning experiences where teachers facilitate rich conversations. During large group sessions, children practice communication skills, share their work, discuss topics of interest, and solve group challenges. Small group learning introduces new concepts and materials, teaches specific learning objectives, and encourages collaborative activities.

Library and Creative Movement sessions are integral to our schedule, engaging students in read-alouds, STEM materials, and physical learning objectives. Daily Interest Areas/Choice Time allows students to choose their work area, partners, and materials. We utilize the Creative Curriculum's Interest Area Guide to create learning-promoting environments. Teachers intentionally guide students during this time to foster learning and social skills. To enhance outdoor experiences, we have added new materials to our playground, including adaptive swings, a community garden area, and a sensory wall.

This comprehensive approach ensures that the Oak Ridge Schools Preschool Program provides a nurturing and engaging environment that supports the diverse learning needs of all our students.

2.

Our program prioritizes building strong relationships with families, assigning each family a dedicated Family Services Advocate. At the start of the year, advocates utilize the "Family Information Survey" to gather essential information, allowing us to tailor meaningful program activities and connect families with community resources. This survey not only helps assess family needs but also enables advocates to collaborate with community partners to address those needs effectively. The Family Services staff supports parents throughout the referral process, ensuring they can access the necessary community agencies.

We begin the school year with an orientation that all families attend, setting the stage for open communication and involvement. Community Parent Advisory Committee (CPAC) meetings occur at least twice a year, comprising family members and community partners to foster collaboration. This school year, our program has hosted or plans to host various events, including an Open House, Fall Festival, Grandparents Day, Community Resource Fair, STEM Night, Love

and Logic Family Training, budgeting and nutrition classes, Father Engagement Night, and ESL classes for families.

Notably, our Community Resource Fair saw a large turnout, allowing families to engage with community resources during school drop-off. We maintain communication with families through a weekly school-wide newsletter and a classroom newsletter via ParentSquare. These newsletters provide insights into weekly activities, curriculum, upcoming events, and community resources. Additionally, we include “Curriculum at Home” extensions, which are activities families can do with their children to prepare for kindergarten.

Before the school year begins, teachers conduct home visits in July to familiarize themselves with families and students. During these visits, teachers share information about the preschool program and address any questions families may have regarding their child's participation. They also encourage family involvement in the school community and their child's education.

Subsequent family conferences are held in February and May, along with home visits in November. During these meetings, teachers review the curriculum and assessment data with families. Utilizing the Family Conference form provided in Teaching Strategies Gold (TSG), teachers highlight each child's individual strengths and create a plan for ongoing development and learning at home. These home visits and parent conferences are mandatory, and our data reflects 100% participation in these crucial interactions.

To further support at-home learning, families are encouraged to join the Marco Polo app, an engaging and interactive platform that allows teachers to share information and activities aligned with the current classroom study and STEM materials. Our program has also partnered with Friends of Literacy, providing enrichment bags to encourage continued learning during school breaks.

At the administrative level, we send out the VPK satisfaction survey to families via ParentSquare. Classroom teachers also encourage families to complete the survey, ensuring the program benefits from their feedback. This year's results indicate that the strategy of having a device available during the spring family conference and encouraging families to complete the survey immediately after the meeting is working, resulting in a 15% increase in completed surveys. We will continue to use this strategy, and to better engage our Spanish-speaking families, we plan to utilize interpreters to assist them in accessing and completing the surveys.

The administration reviews survey results each summer as programming is planned for the upcoming year. Teachers receive feedback on how families rated their children's skills throughout the school year, aiding discussions on academic progress during home visits and family conferences. One significant finding from the 2022-2023 survey indicated that families felt their children needed more support in developing math and reading skills. In response, the program is focused on educating families about developmentally appropriate math and reading skills for 4-year-olds. Our weekly newsletters now feature a section dedicated to these practices, along with at-home activities that reinforce the skills being taught in the classroom.

The 2023-2024 survey results showed positive trends: 91% of families felt the program helped their child develop communication skills, up from 80%. Additionally, 73% indicated improvement in math skills (up from 65%), and 79% felt their child developed reading skills (an

increase from 50%). Furthermore, 100% of families reported feeling better prepared to support their child in kindergarten, compared to 85% the previous year. These outcomes reflect our commitment to enhancing our program and supporting families in their children's educational journeys.

3.

Our preschool program employs both the CLASS Observation Tool and the CLASS Environmental Tool to ensure high standards of education. To prepare all staff, including teachers and teaching assistants, for the upcoming CLASS evaluations, the Education Coordinator and Curriculum Coach conducted comprehensive training on the CLASS Observation Tool. This training took place in the Fall of 2024, coinciding with the start of the school year, and was designed to establish a clear trajectory for delivering high-quality instruction and creating supportive learning environments.

The Fall CLASS and CLASS Environment observations were carried out in October and November of 2024. The program achieved average scores of 6.33 in the CLASS Emotional Support domain, 6.30 in the Classroom Organization domain, and 3.94 in the Instructional Support domain. For the CLASS Environment, the scores were 2.81 in the Emotional Support domain, 2.86 in Classroom Organization, and 2.66 in Instructional Support. Analyzing this data, we identified one dimension from each domain that requires targeted improvement. In the Emotional Support domain, we focused on "Regard for Student Perspectives," which had an average score of 5.86. For Classroom Organization, we selected "Productivity," averaging 6.19. In Instructional Support, we identified "Concept Development," which had an average score of 3.71.

From the CLASS Environment data, we pinpointed the three areas needing improvement: "Recycled Materials," "Real-World Multicultural Materials," and "Displays of Children's Writing and Dictation," with average scores of 2.0, 2.0, and 2.43, respectively. Following the evaluations conducted in Fall 2024, we provided immediate feedback to all teachers and teaching assistants. Additionally, we organized professional development (PD) sessions to support staff in these identified areas of need.

In Fall 2024, we developed a reflection form specifically addressing the areas of need highlighted in the CLASS Environment observations. This form allowed teachers and teaching assistants to engage in walking observations in other classrooms, guided by reflective questions. This collaborative approach fostered discussions on how to improve practices within their own classrooms. As a result of these observations, teaching assistants expressed a desire for more professional development related to Process Art and the use of recycled materials.

During a scheduled PD session, staff reviewed and practiced transition activities to enhance the dimension of "Productivity". In another PD, the team collaborated to brainstorm methods for providing and documenting differentiation and scaffolding, directly addressing the "Instructional Learning Formats" and "Regard for Student Perspectives" areas of need. Additionally, we organized a PD focused on Read-Alouds,

emphasizing repeated readings and questioning strategies to support “Concept Development”.

To further address the CLASS Environment needs, we facilitated a PD session that concentrated on the improvement areas identified earlier. The Curriculum Coach also met with a classroom teacher to generate ideas for incorporating Real-World Multicultural Materials. Acting on the coach's suggestion, the teacher reached out to parents for culturally relevant materials to share in the classroom. This initiative proved successful, resulting in a family contributing toys, fabrics, and costumes reflective of their culture. The teacher plans to share this success during Professional Learning Community (PLC) meetings.

All classrooms will undergo a second round of CLASS observations and CLASS Environmental Tool ratings in the Spring. As part of the district's Continuous Quality Improvement initiative, our program will analyze the data from both Fall and Spring observations to assess growth in the identified areas of need. This continuous evaluation process is crucial for ensuring that we provide an enriching and supportive learning environment for all children in our care.

4.

The program currently boasts a utilization rate of 100%, serving income-eligible four-year-old children in our community. There are currently two income-qualifying four-year-olds and 24 non-income-qualifying four-year-olds on the waitlist, in addition to 33 income-qualifying three-year-olds. Our enrollment manager monitors the waitlist daily and actively collaborates with families to facilitate enrollment. Presently, all VPK children are income-eligible, with 10% of our students holding Individualized Education Plans (IEPs) and two children currently in the referral process.

To enhance our outreach efforts, the program actively seeks opportunities to engage in recruitment events that specifically target at-risk individuals within the community. For instance, staff members participated in the NAACP back-to-school event in Scarborough in August 2024, and Family Services were present at the Oak Ridge Housing Authority's Strong Families Celebration in July 2024, where flyers and applications were distributed. Program flyers are also provided at each of the district's schools, aiding in our connection with local families and raising awareness about VPK. Additionally, informational brochures are placed in community locations such as laundromats, grocery stores, and doctors' offices by Family Advocates and the Enrollment/Recruitment Manager, specifically targeting eligible families.

Our Family Services department collaborates closely with organizations such as YWCA, United Way, ADFAC, TORCH, and the Oak Ridge Housing Authority, from which we receive referrals. These community partners also offer valuable resources to our families. Staff members are actively involved with local agencies, serving on governing boards and fostering strong relationships that facilitate referrals. Our established selection criteria rubric prioritizes four-year-old, income-eligible children, as well as three-year-old income-eligible children, children

with disabilities, and other risk factors. The enrollment manager utilizes this rubric to ensure we serve the most at-risk children.

Utilization trends over the past three years indicate a steady increase in enrollment. The 2022-2023 school year saw enrollment at 93%. Through targeted recruitment efforts, including participation in the housing authority and Scarborough Community events, enrollment rose to 97% in the 2023-2024 school year. Continuing these initiatives has led to a 100% utilization rate for the 2024-2025 school year, resulting in a robust waitlist.

The program utilizes the Child Plus software system, enabling families to apply using a universal application process that electronically collects essential information, including demographics, proof of residency, proof of age, and medical and developmental history.

As the location for the Local Educational Agency's (LEA) special education preschool services, the program effectively serves the prioritized child population outlined in the grant. All preschool children within the district with IEPs are accommodated at this location. District case managers regularly meet with the enrollment manager to share information and applications, encouraging families of children with disabilities to apply. Children with IEPs who do not qualify for VPK may still gain enrollment through Title 1 funds. The district acknowledges the presence of preschoolers with special needs who do not meet VPK income requirements, ensuring their integration into our classrooms.

On-site special education services include Resource/Inclusion, Occupational Therapy, Physical Therapy, and Speech Therapy, delivered through a push-in model whenever possible. These providers work directly with students and classroom staff to create an environment conducive to success. All IEP and parent meetings are conducted on-site, and the program employs five classroom teachers who are dual-certified in both early childhood and special education. We take pride in fully including students with special needs in typical classrooms.

By serving as the LEA's special education preschool program, we are able to provide Child Find Services year-round. Each spring, we host a Pre-K round-up event, collaborating with the LEA's related services department (OT, PT, Speech/Language) to conduct screenings that identify children for evaluation referrals. During this event, the Education Manager and Curriculum Coach administer Brigance Screenings to further identify at-risk children. Additionally, within the first 45 days of school, all children undergo screenings using the Brigance Developmental Screening tool, along with speech/language and vision/hearing screenings.

5.

The program conducted a thorough community assessment through Nolo Consulting Inc., revealing that there are approximately 3,988 children under five years of age in our county. Of these, 1,144 of these children, or 28.6%, are living in poverty. The homeless liaison for Oak Ridge schools reports that 2.7% of students in the district are classified as homeless. Furthermore, TORCH, a local agency dedicated to assisting homeless families in obtaining

housing, has indicated a 92.85% increase in the number of chronically homeless individuals with children in the county as of the end of 2021. The availability of affordable housing is critically limited, with the poverty rate rising from 13.3% to 14.3%. While the unemployment rate has decreased from 4.9% in 2021 to 3.2% in 2022, housing costs have surged, averaging an increase of \$500 per month. Unfortunately, less than 70% of those with housing vouchers have been able to secure housing, compounded by the fact that two large housing agencies are no longer accepting these vouchers within the district. This situation presents a significant barrier impacting enrollment.

Should the need arise, our program is poised to serve all four-year-old children, regardless of income. Currently, we have two additional classrooms available within our facility. The local education agency (LEA) operates four elementary schools that could potentially house satellite classrooms. The community is home to an estimated 320 four-year-olds, of whom we are currently serving 100 under the Voluntary Pre-Kindergarten (VPK) program and an additional 36 under Head Start. This leaves approximately 184 children with unmet needs. While there are nine other child development and childcare centers available in the community, including Head Start, our program could utilize the additional classrooms to accommodate another 36 students on-site. The remaining children would need to be served at their zoned elementary schools.

Our Family Services department collaborates closely with essential community organizations, including the YWCA, United Way, ADFAC, TORCH, Second Harvest Foodbank, Legal Aid, and the Oak Ridge Housing Authority to support children and families in the community.

To monitor student progress and inform instructional practices, we utilize Teaching Strategies GOLD, an assessment tool that accompanies the Creative Curriculum. This portfolio-based assessment enables classroom staff to interact with, observe, and document student growth through various activities, including play, whole group instruction, and small group instruction. Teachers collect student work, photographs, and videos to effectively track each child's progress. Analyzing the Spring 2023-2024 data has been instrumental in shaping our current educational strategies. The end-of-year data indicated that over 62% of English language learners struggled with "notices and discriminates rhyme" and "identifies letter-sound correspondence." In response, we are collaborating with the district ELL coordinator and the district literacy coordinator to provide targeted support and resources for classroom staff. Additionally, the end-of-year data revealed that 89.6% of four-year-olds not on Individualized Education Plans (IEPs) achieved at or above widely held expectations, compared to only 49.3% of those on IEPs. Our program is actively working with the special education department to address this achievement gap through scheduled staff-wide training.

The district is also tracking longitudinal data using a data dashboard. This tool allows us to evaluate children's outcomes after they leave our PreK program, enabling us to make informed adjustments to identify priority standards. There are plans to enhance this dashboard to track these children through their graduation.

The program's evaluation of the 2023-2024 school year data from the CLASS Environment and the curriculum fidelity checklist highlighted a need for additional resources and instructional support materials. Based on these findings, we are focusing on acquiring resources that enhance diversity and showcase student writing.

During the 2023-2024 school year, all VPK classroom teachers completed and submitted portfolios, with all classrooms achieving a perfect score of 5. These scores reflect our commitment to ensuring that children are prepared to excel in kindergarten, with portfolios demonstrating alignment with Tennessee standards in math and literacy and showcasing significant growth throughout the year.

To further support our families, we provide afternoon bus transportation for all enrolled children, which greatly benefits the families we serve. Additionally, we collaborate with three local childcare programs to assist working families in enrolling their children in extended care programs. Our bus service ensures that children are dropped off at these facilities, providing essential extended care for those in need. Furthermore, we have established an early morning drop-off program for specific VPK families who express a need for early care, allowing for a 30-minute early drop-off to accommodate parents' employment or educational commitments.

6.

The program currently employs nine teaching assistants assigned to our Voluntary Pre-Kindergarten (VPK) classrooms. Each assistant brings unique qualifications and experiences that positively impact the learning environment for our children. Notably, one of our teaching assistants is pursuing her bachelor's degree in education after receiving her associate's degree in early childhood. Three of our teaching assistants possess associate degrees in early childhood education, while another assistant has earned an early childhood credential and is actively working towards her associate degree. Additionally, two assistants hold their Child Development Associate (CDA) credentials, and another assistant is currently enrolled in the CDA program. This diversity in qualifications reflects our commitment to ongoing professional development and excellence in early childhood education.

To further support our teaching assistants in their professional journey, we have partnered with the Tennessee Early Childhood Training Alliance (TECTA). This collaboration aids new hires in obtaining their CDA through scholarships, making it more accessible for them to enhance their skills. This credential is a requirement for any new hire and must be completed within two years of their start date with our program. Upon earning their CDA, teaching assistants experience a salary increase by moving to a different "lane" on the salary schedule. This financial recognition underscores the value we place on their dedication to professional growth and the enhanced competencies they bring to the classroom.

Our program actively supports teaching assistants and other staff as they enroll in and attend courses to further their education. We understand the importance of providing flexible opportunities for professional development, so staff members are permitted to remain on-site after school hours to collaborate on coursework and utilize the school's Wi-Fi. Additionally, with appropriate documentation, staff can use school-issued devices to complete their coursework, making it easier for them to balance their educational pursuits with their professional responsibilities and family commitments.

All VPK teaching assistants are required to attend staff meetings and participate in training related to classroom instruction. We have included teaching assistants in various professional development opportunities, such as training in Conscious Discipline, specific curriculum support training, and developmentally appropriate practices. Furthermore, all staff members receive training related to the Classroom Assessment Scoring System (CLASS) and participate in follow-up sessions aimed at enhancing their effectiveness in the classroom. The curriculum coach meets with teaching assistants to provide supplemental training on phonological awareness and strategies for supporting this crucial aspect of early literacy development. Recently, we've added a monthly Professional Learning Community (PLC) group specifically for teaching assistants' professional development. This meeting serves as a platform to discuss challenges, share innovative ideas, and foster a sense of community among the staff.

The role of the curriculum coach supports the growth of our teaching assistants and teachers alike. By offering ongoing coaching and support, we create an environment conducive to professional development and job satisfaction. This approach is particularly important for retaining teaching assistants who may feel uncertain or dissatisfied in their positions. Coaching not only enhances their skills but also instills a sense of belonging and support, demonstrating that the program is genuinely invested in their success.

In addition to professional development opportunities, our program includes one teaching assistant on the Leadership Team. This inclusion ensures that the voices of teaching assistants are heard in program decisions and that their needs are adequately addressed. By engaging teaching assistants in leadership roles, we cultivate a culture of collaboration and respect, which ultimately benefits the entire program and enhances the overall quality of our educational environment.

We recognize the importance of community involvement in our program, which is why we have actively recruited parents to apply for available teaching assistant positions. The Family Services team works closely with families to set goals for the year, many of which revolve around employment opportunities. This approach not only strengthens the connection between families and the program but also creates pathways for parents to become more engaged in their children's education, fostering a supportive network that benefits everyone.

To further support our staff members who have children attending the program, we make accommodations that allow them to attend training without the added concern of arranging childcare for their preschool-aged children. By offering flexible training options and support, we demonstrate our commitment to the well-being of our staff and their families. This approach to professional development, community involvement, and employee support ensures that our teaching assistants are equipped to provide the highest quality of education and care to the children in our program, benefiting the entire community.

BOARD AGENDA SUBMISSION FORM FY25

Parent Item Selection a heading: CONSENT/ACTION/INFORMATION/DISCUSSION	Action
Title of Agenda Item	Approval of New High School Courses
Rationale for Consent and Action items only. Rationale should begin with "I recommend the approval of...." and be limited to one or two sentences . Any further description should be included in the PDF backup documentation.	I recommend approval of the creation of new high school courses.
Is this a Financial related Item? <u>__Yes__</u> If so, has it been reviewed by the Finance Director? <u>_Yes_</u>	

INSTRUCTIONS:

Board Agenda Submission Form (Word doc): Submit this form electronically as a **Word doc**.

Backup (PDF):

- The supporting backup documentation is to be submitted as **one PDF file**.
- Included in the backup should be a Memorandum to the supervising Executive Director summarizing the backup documentation.
- Important: If the item is Financial related, the item must first be reviewed by the Finance Director.

Submission: Submit both the completed Form (Word doc) and Backup (PDF) to the **supervising Executive Director** by the due date listed. The Executive Director will review and submit the finalized item to the Superintendent.

BOARD OF EDUCATION MEETINGS	AGENDA ITEMS DUE TO EXECUTIVE DIRECTOR	AGENDA ITEMS DUE TO SUPERINTENDENT
August 5 (in lieu of July)	July 22	July 29
August 26	August 12	August 19
September 23	September 9	September 16
October 28	October 14	October 21
November 25	November 11	November 18
January 13 (in lieu of Dec)	December 20 (prior to WB)	January 6
January 27	January 13	January 21
February 24	February 10	February 18
March 24	March 7 (prior to SB)	March 17
April 28	April 14	April 21
May 19	May 5	May 12
June 16	June 2	June 9

Pathway Descriptions

Electrical Careers Interim Credentials

The electrical training alliance developed the Interim Credentials course to extend their electrical knowledge and resources to high schools and community colleges to provide more career pathways that lead to the electrical industry. Interim Credentials is a cutting-edge curriculum that has taken the courses in their first year inside apprenticeship program and redeveloped them in a new, trailblazing way that is delivered completely online and more easily consumed and understood by younger students. Not all electrical courses and their curricula are developed using teaching methodologies and activities that target this group. In fact, many don't. Why should high school students be using an electrical curriculum designed for adult learners? Now they don't have to! Interim Credentials was first implemented in 2018 with a soft launch using a small set of seven schools for beta testing. Since then, it has grown by leaps and bounds. With over 20 states and nearly 80 schools have adopted the curriculum, and the number keeps growing daily. The curriculum works for any school size. No electrical instructor, no lab – no problem! Interim Credentials coursework has been developed so that it contains *everything* your students need to learn the content successfully, including two free online textbooks. Even hands-on activities are simulated online for your students to understand how the lessons apply to real-world applications in the workplace. All they need to access it is an up-to-date laptop and internet access.

Clean & Nuclear Energy Innovations

East Tennessee's legacy of nuclear innovation, rooted in its pivotal role during the Manhattan Project, positions Oak Ridge as a leader in advancing nuclear technology today. Building on this historical foundation, a new high school program of study in clean and nuclear energy has been designed to prepare students for careers in this rapidly growing field. The program aims to provide students with the knowledge and skills necessary to align with the region's industrial priorities and meet the demands of emerging energy sectors.

The program introduces two innovative courses in the Clean/Nuclear Energy pathway:

1. **Fundamentals of Clean Energy**

This course explores renewable energy technologies, including wind, solar, biomass, and hydropower. Students will gain insights into how these technologies function, their advantages, and their significance in the global energy landscape.

2. **Fundamentals of Nuclear Energy**

This course delves into nuclear energy as a sustainable power source. Students will study the principles of nuclear physics, reactor technology, safety protocols, waste management strategies, and the environmental impact of nuclear power.

Enhanced Learning Opportunities

To further enrich the Clean/Nuclear Energy pathway, students can complement their studies with additional courses and programs, including:

- **Cross-cutting High School Courses:** Business, information technology, and marketing pathways offer classes that support interdisciplinary learning.
- **Dual Credit and Dual Enrollment at Oak Ridge High School:** Advanced courses in Computer Applications, STEM disciplines such as Machine Tool Technology and Mechatronics, as well as Welding, provide hands-on experience and college-level instruction.

Middle College and Early College Options

Students also have the opportunity to enroll in dual enrollment programs at Roane State Community College, specializing in Nuclear Technologies and/or Project Management. These programs allow for:

- Early College participation, which includes select dual enrollment courses on the RSCC campus.
- Middle College programs, offering a full schedule of dual enrollment courses tailored to students seeking a deeper immersion in their chosen field.

By integrating specialized courses and advanced academic opportunities, this program empowers students to become key contributors to the clean and nuclear energy industries, ensuring that East Tennessee continues its leadership in energy innovation.



Course Requests

Requests for new pathways are due by December 1 of the school year preceding implementation.

Date: 11/14/2024

Name of Proposed Course: Electrical Career Interim Credentials

Course Description: The electrical training alliance developed the Interim Credentials course to extend their electrical knowledge and resources to high schools and community colleges to provide more career pathways that lead to the electrical industry. Interim Credentials is a cutting-edge curriculum that has taken the courses in their first year inside apprenticeship program and redeveloped them in a new, trailblazing way that is delivered completely online and more easily consumed and understood by younger students. Not all electrical courses and their curricula are developed using teaching methodologies and activities that target this group. In fact, many don't. Why should high school students be using an electrical curriculum designed for adult learners? Now they don't have to! Interim Credentials was first implemented in 2018 with a soft launch using a small set of seven schools for beta testing. Since then, it has grown by leaps and bounds. With over 20 states and nearly 80 schools have adopted the curriculum, and the number keeps growing daily. The curriculum works for any school size. No electrical instructor, no lab – no problem! Interim Credentials coursework has been developed so that it contains *everything* your students need to learn the content successfully, including two free online textbooks. Even hands-on activities are simulated online for your students to understand how the lessons apply to real-world applications in the workplace. All they need to access it is an up-to-date laptop and internet access.

Course 1: Constructing Your Future

Course 2: Electrical Job Information 1

Course 3: Applied Codeology – Navigating the 2020 NEC

Course 4: Electrical Theory 1 – Direct Current

Course 5: Construction Drawings

1. Do the courses in this pathway have special designations (e.g. honors, dual enrollment, industry certification, Advanced Placement)? There is a certificate awarded for completion of this course. IBEW is working with Pellissippi State Community College for approval of this content for dual enrollment credit. When approved, we will offer the DE option for our students.
2. How will students use this pathway as an elective focus? Students who participate in this course in combination with business, IT, marketing, or STEM/advanced manufacturing will be able to use these courses as their elective focus.
3. Are the courses within this pathway semester or year-long courses? Semester-long.
4. How many credits would a student receive within each course in this pathway? 1 high school credit upon completion of the coursework.
5. What are the benefits of adding this pathway? Students who are interested in the electrical and construction trades no longer need to wait until graduation to be able to begin pursuing these careers.



6. What are the disadvantages and/or challenges of adding this pathway? We will need a teacher of record to oversee the lab for this course. The teacher is not required to know the content, as it is fully delivered online.
7. Do we already have Oak Ridge Staff who are certified to teach the courses in this pathway? Yes
8. If we already have Oak Ridge Staff who are certified to teach the courses in this pathway, what responsibilities do they currently have that they would no longer be able to fulfill if they teach these courses? We need a teacher of record who is certified in any subject area who can oversee students and help them troubleshoot. That is the only requirement.
9. If we already have Oak Ridge staff who are certified to teach the courses in this pathway, are they interested in teaching the courses? Why or why not? We have a staff member who is interested in overseeing this content if his class sizes allow.
10. If we do not already have Oak Ridge staff who are certified to teach the courses in this pathway, what are the plans to fill this FTE? We need a teacher of record who is certified in any subject area to oversee students and help them troubleshoot. That is the only requirement.
11. Does this pathway require any partnerships with colleges, universities, or other organizations? If so, have they been contacted? Please elaborate. We are in an ongoing conversation with staff at IBEW and Tennessee Department of Education in an effort to gain dual enrollment credit for this course with Pellissippi State Community College.
12. Does this pathway require any special equipment and/or changes to the physical space? No. This course is fully contained in an LMS with virtual learning options.

Holly Cross

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Name and signature of person
requesting course or pathway

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Name and signature of school principal



Pathway Requests

Requests for new pathways are due by December 1 of the school year preceding implementation.

Date: 11/14/2024

Name of Proposed Pathway: Clean & Nuclear Energy Innovations

Pathway Description: East Tennessee's historical legacy of nuclear innovation, dating back to the Manhattan Project, positions Oak Ridge uniquely to lead in advances in nuclear technology today. This high school program of studies in clean and nuclear energy aims to prepare students to participate in this rapidly growing field by equipping them with foundational knowledge and skills that align with the region's priorities and industry needs.

Level 1 or 2: Fundamentals of Clean Energy

Level 1 or 2: Fundamentals of Nuclear Energy

DE Level: Nuclear Technology AAS with Roane State Community College

DE Level: Project Management Emphasis with Certification

1. Do the courses in this pathway have special designations (e.g. honors, dual enrollment, industry certification, Advanced Placement)? Yes, this coursework includes project-based, work-based, and dual enrollment components that elevate the learning to the honors and DE status.
2. How will students use this pathway as an elective focus? Students who participate in 2 or more courses in this pathway in combination with business, IT, marketing, or DE with TCAT and/or RSCC will be able to use these courses as their elective focus.
3. Are the courses within this pathway semester or year-long courses? Semester-long.
4. How many credits would a student receive within each course in this pathway? 1 high school credit hour per term, DE equivalents for the RSCC coursework.
5. What are the benefits of adding this pathway? Students have opportunities to pursue multiple careers in nuclear technologies.
6. What are the disadvantages and/or challenges of adding this pathway? Challenges include staffing the position with a qualified instructor and finding high-quality project-based and work-based learning opportunities for students that make intentional ties to our nuclear workforce.
7. Do we already have Oak Ridge Staff who are certified to teach the courses in this pathway? Yes
8. If we already have Oak Ridge Staff who are certified to teach the courses in this pathway, what responsibilities do they currently have that they would no longer be able to fulfill if they teach these courses? We need a teacher to teach two full sections to create a quality pathway for this course, and all staff are currently at capacity for sectional space.
9. If we already have Oak Ridge staff who are certified to teach the courses in this pathway, are they interested in teaching the courses? Why or why not? We have potentially interested staff, but our staff are teaching at full capacity.
10. If we do not already have Oak Ridge staff who are certified to teach the courses in this pathway, what are the plans to fill this FTE? We will need to hire a full-time FTE who is certified in science to fill this and other identified staffing needs at ORHS.



11. Does this pathway require any partnerships with colleges, universities, or other organizations? If so, have they been contacted? Please elaborate. We are partnering with Roane State Community College to allow our students to participate in early college or middle college in their Nuclear Technologies AAS program and/or to receive Project Management Certification. Additionally, we are partnering with TCAT Knoxville for related DE in Business, Machine Tool Technology, and Welding.
12. Does this pathway require any special equipment and/or changes to the physical space? We will need to invest in supplies and equipment, but we do not have current physical structural changes needed to begin this coursework. A GIVE grant through TCAT Knoxville will provide new equipment for our DE Welding and Machine Tool Technology spaces.

Holly Cross

A handwritten signature in cursive script, appearing to read "Holly Cross", written over a horizontal line.

Name and signature of person
requesting course or pathway

A handwritten signature in cursive script, appearing to read "Dray H R", written over a horizontal line.

Name and signature of school principal



New Course Request

2025-2026

Date: 12/4/2024

Name of Proposed Course: International Film Studies

Course Description: The International Film Studies course offers high school students a unique opportunity to engage with film, culture, and history from around the world. This course is designed to promote critical thinking, cultural awareness, and appreciation of world languages by analyzing films as cultural artifacts that reflect the complexities of identity, society, and history. This well-rounded curriculum will combine film analysis, historical context, cultural studies, and artistic appreciation.

Course Objectives:

Students will:

1. Explore the historical, social, and cultural contexts of films from a diverse range of countries.
2. Develop critical media literacy skills by analyzing visual storytelling, narrative structures, and cinematic techniques.
3. Understand the basic elements of film (cinematography, mise-en-scène, editing, sound, etc.) and learn how these elements contribute to storytelling.
4. Examine how films address universal themes such as love, conflict, social justice, migration, and identity.
5. Gain an understanding of linguistic and cultural diversity.
6. Create connections between films and their own cultural perspectives, fostering global citizenship.

Explain how this course relates to the Oak Ridge Schools Portrait of a Graduate.

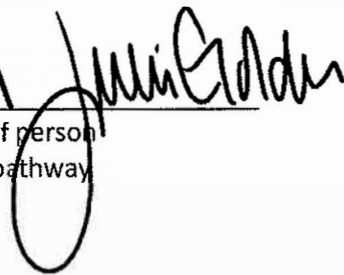
The International Film Studies course bridges the gap between academic skills and real-world applications, preparing students to thrive in college and careers. It cultivates critical thinking, global awareness, communication, and creativity—skills that are essential for navigating an interconnected, multicultural world.

Does this course have any special designation (e.g. honors, dual enrollment, industry certification, Advanced Placement)? n/a

1. **Would this course count toward an area of focus? Please explain. Could it be counted as an enhancer to an area of focus? Please explain.** Yes, this course could count toward a Humanities area of focus.
2. **Is this a year-long or semester course?** semester. If you chose *Other*, please explain. Click or tap here to enter text.
3. **How many credits would a student receive for passing this course?** 1
4. **What are the benefits of adding this course?** By discussing and writing about films, students strengthen their ability to express ideas clearly and persuasively. This prepares them for the rigorous communication demands of college and career as it builds media competence and promotes global citizenship in our diverse community. Additionally, this course will provide an additional elective option for students seeking to fulfill a humanities area of focus.



5. **What are the disadvantages and/or challenges of adding this course? Please specify if any courses will have to be cut if this course is introduced.** Obtaining access to streaming services or hard copies of materials.
6. **Do we already have Oak Ridge Staff who are certified to teach this course?** Yes
7. **If we already have Oak Ridge Staff who are certified to teach this course, what responsibilities do they currently have that they would no longer be able to fulfill if they teach this course?** There will be no impact to the current world language course offerings at this time. This is subject to change based on world language enrollment.
8. **If we already have Oak Ridge staff who are certified to teach this course, are they interested in teaching this course? Why or why not?** Yes. As World Language teachers, we want to develop cultural awareness and understanding of diverse viewpoints.
9. **If we do not already have Oak Ridge staff who are certified to teach this course, what are the plans to fill this FTE?** n/a
10. **Does this course require any partnerships with colleges, universities, or other organizations? If so, have they been contacted? Please elaborate.** No
11. **Does this course require any special equipment and/or changes to the physical space?** 1) Access to film streaming services; 2) Multi-region DVD player

Julie Golden 

Name and signature of person
requesting course or pathway

Mr. Drayton Hawkins



Name and signature of school principal



New Course Request

2025-2026

Date: 12/2/2024

Name of Proposed Course: Advanced Spanish Fiction

Course Description: This immersive, literature-focused course invites advanced Spanish learners to deepen their language skills through an exploration of Young Adult (YA) fiction by Hispanic authors. Conducted entirely in Spanish, the class will emphasize literary analysis, cultural exploration, and critical thinking while engaging with contemporary themes relevant to young readers. Students will study a diverse selection of YA novels, short stories, and poetry, examining the rich linguistic and cultural landscapes of the Hispanic world. This course meets the needs of students seeking advanced practice in Spanish while fostering an appreciation for Hispanic literature. It offers a unique, culturally enriching perspective and encourages the development of global competence and literary appreciation.

Course Objectives:

- **Language Proficiency:** Strengthen advanced reading, writing, listening, and speaking skills in Spanish.
- **Literary Analysis:** Develop critical thinking and analytical skills by exploring themes, characters, and narrative techniques.
- **Cultural Awareness:** Gain insights into Hispanic cultures, traditions, and contemporary issues as reflected in YA literature.
- **Creative Expression:** Apply literary techniques to original writing projects inspired by course readings.
- **Discussion and Debate:** Participate in class discussions and debates on thematic and cultural elements in the texts.

Explain how this course relates to the Oak Ridge Schools Portrait of a Graduate:

- **Advanced Literacy Skills:** By engaging in rigorous literary analysis and critical discussions in Spanish, students develop higher-order thinking skills that are essential for success in college-level coursework.
- **Research and Writing Proficiency:** The course includes research-based projects and analytical essays, which mirror the expectations of college academic assignments.
- **Cultural Competence:** Exposure to diverse perspectives within Hispanic literature helps students cultivate a global awareness, an asset in increasingly multicultural college and workplace settings.
- **Language Proficiency:** Conducting the course entirely in Spanish enhances bilingual communication skills, a valuable asset in a global economy.
- **Collaboration:** Group projects and literary circles foster teamwork and collaborative problem-solving, skills critical for both academic and professional environments.
- **Critical Thinking and Creativity:** Students learn to think critically about complex texts and express their ideas creatively through writing and projects, skills that translate across multiple career fields.



- **Bilingual Advantage:** Proficiency in Spanish positions students for careers in translation, education, international business, healthcare, and diplomacy, among other fields.
- **Cross-Cultural Understanding:** By exploring cultural themes, students build empathy and cultural intelligence, which are increasingly valued in the workplace.

Does this course have any special designation (e.g. honors, dual enrollment, industry certification, Advanced Placement)? Honors

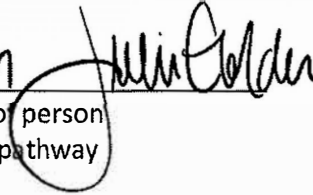
1. **Would this course count toward an area of focus? Please explain. Could it be counted as an enhancer to an area of focus? Please explain.** Yes, given that this course will be conducted entirely in the target language, the course should be considered an academic Spanish course and count toward an area of focus.
2. **Is this a year-long or semester course?** Semester if you chose *Other*, please explain. Click or tap here to enter text.
3. **How many credits would a student receive for passing this course?** 1
4. **What are the benefits of adding this course?** This course will provide students with a foundational scaffolding of literary analysis needed to be successful in the AP Spanish Literature course by allowing for exposure to literary vocabulary in Spanish and key elements of literary analysis. In addition, this course bridges the gap between simpler Spanish IV texts and the more challenging works of the AP curriculum. Another benefit of the course is that it provides students with another opportunity to advance their language proficiency beyond level IV without opting for the AP track.
5. **What are the disadvantages and/or challenges of adding this course? Please specify if any courses will have to be cut if this course is introduced.** Some potential challenges of adding this course are as follows (with possible solutions): 1. The prerequisite of may restrict the pool of eligible students. (Solution: Actively promote the course to Spanish IV students, emphasizing its relevance to college readiness, cultural enrichment, and AP preparation.) 2. Acquiring diverse YA literature by Hispanic authors in Spanish may pose logistical and financial challenges, especially if texts are not widely available. (Solutions: Build partnerships with local libraries, publishers, or community organizations to access books; Consider digital platforms for e-books or online resources to reduce costs; Apply for grants or funding from educational or cultural organizations that support world language programs. 3. Some stakeholders (administrators, parents, or students) may view YA literature as less academically challenging compared to traditional canonical works. (Solutions: Emphasize the course's focus on literary analysis, critical thinking, and cultural exploration, regardless of the genre; Provide examples of the sophisticated themes and complex narrative techniques present in the selected texts.)
6. **Do we already have Oak Ridge Staff who are certified to teach this course?** Yes
7. **If we already have Oak Ridge Staff who are certified to teach this course, what responsibilities do they currently have that they would no longer be able to fulfill if they teach this course?** There will be no impact on other Spanish offerings in the foreseeable future.
8. **If we already have Oak Ridge staff who are certified to teach this course, are they interested in teaching this course? Why or why not?** Yes. Instructors can take pride in knowing they are helping students develop a global perspective and deeper empathy through literature. In addition, developing and teaching a new course adds to the instructor's professional portfolio and opens doors to future opportunities.
9. **If we do not already have Oak Ridge staff who are certified to teach this course, what are the plans to fill this FTE?** N/A

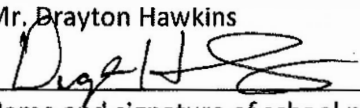


Oak Ridge
SCHOOLS

10. Does this course require any partnerships with colleges, universities, or other organizations? If so, have they been contacted? Please elaborate. No

11. Does this course require any special equipment and/or changes to the physical space? No

Julie Golden 
Name and signature of person
requesting course or pathway

Mr. Brayton Hawkins

Name and signature of school principal



New Course Request

2025-2026

Date: 12/5/2024

Name of Proposed Course: Advanced Theatre Arts

Course Description: The Advanced Theatre course is designed for students who have mastered basic theatre techniques and are ready to delve deeper into the art of performance, production, and the history of theatre. Students will need to audition for this course and will need to have taken Theatre I or have approved theatrical experiences. The course emphasizes the development of advanced acting skills, a deeper understanding of theatre theory, and the practical application of theatrical design. Students will refine their craft through acting exercises, scene work, improvisation, and the exploration of a wide range of theatrical genres. This course will prepare students for more professional and collegiate theatre experiences, equipping them with the knowledge and skills to pursue theatre at a higher level. (See page 4 for an outline.)

1. Explain how this course relates to the Oak Ridge Schools Portrait of a Graduate.

- a. College & Career Ready – Every student academically prepared for success.
 - i. Time Management – Working on a performance helps students build time management as students create sets, props & costumes, learn lines, practice blocking, design lights and sound. They will learn that each of the pieces are essential and must be completed in a timely fashion for the show to be successful.
 - ii. Quick Thinkers – Anything can happen when you are creating items, running sound or lights, or even acting. It is important that students learn to think quickly to make adjustments. Improv will help practice quick thinking and performances will help students learn to adjust on the fly if anything goes awry.
- b. The 4 Cs – Every student a critical thinker, communicator, collaborator, and creative.
 - i. Critical Thinker – A performance is a puzzle that has to come together into a beautiful picture using problem-solving in every step to piece together the technical, creative, and logistical aspects. For acting, you have to understand the reasons why people behave the way they do; for technical theatre, you have to connect the technical elements to the director's vision for the show and ensure the production runs smoothly; for directing, you have to understand the big picture and understand how all of the movement, tech, and relationships work together to tell a story.
 - ii. Communicator – Theatre helps to tell stories. It is all about communicating. In this class students will learn how to use words and bodies to communicate.
 - iii. Collaborator – Theatre in and of itself is collaborative. From a one person show to a hundred person production, it requires collaboration in writing, designing, rehearsing, refining and performing.
 - iv. Creative – Creativity is the heart of theatre. It gives students the opportunity for self-expression through storytelling.
- c. Career Options – Every student explores careers and graduates with career options.
 - i. There are hundreds of jobs in the theatre industry. Providing this class gives students exposure to not only acting, but to jobs behind the scenes in set building, light design, sound design, costume design, stage management, producing and more.



- d. Digital Citizen – Every student uses technology tools effectively and efficiently and exhibits digital citizenship.
 - i. In the theatre industry, there is extensive use of video to demonstrate skill and to gain employment. It will be important for students to learn to create videos of their performances to grow as artists and to promote themselves and share them securely.
- e. Life Ready – Every student exhibits the citizenship traits of self-awareness, self-discipline, and empathy.
 - i. Theatre is an amazing tool to help students discover themselves. As you work on scenes you must have an understanding of who you are and what you bring to a scene. You also have to know what you are good at and how you need to grow in skills and abilities.
 - ii. Theatre creates a great opportunity for self-discipline. When you are working on a performance, everyone has to do their part and show up. Learning lines, finishing a prop, building a set, and designing lights have to be accomplished in a timely manner or the show is negatively impacted. So students learn that their contribution matters.
 - iii. Empathy is embedded in the Theatre. When you take on a character, it is essential that you understand the character. Acting exercises and playing different roles help students understand different perspectives. Also, giving students experience in every area of theatre gives them an appreciation for each of the parts of theatre and a fuller understanding of all that goes into a show.
2. Does this course have any special designation (e.g. honors, dual enrollment, industry certification, Advanced Placement)? No
3. Would this course count toward an area of focus? Please explain. Fine Arts – Theatre is a form of art and could be an option for a Fine Arts credit towards graduation or a career path. Could it be counted as an enhancer to an area of focus? Please explain. I believe that work in theatre enhances ability in almost every area of focus.
4. Is this a year-long or semester course? A semester class, but could be taken multiple semesters. If you chose *Other*, please explain. It could also be a class that happens during 3a or 3b if necessary, but if so, it should be a year long class.
5. How many credits would a student receive for passing this course? 1
6. What are the benefits of adding this course? This course could count as an option for a Fine Arts Credit for graduation, an area of focus or an elective. The advantage to adding this course is that we already have a strong theatre community here at ORHS and many of the surrounding high schools have theatre programs. Not having a full theatre program to offer makes us less appealing to some people moving into the area. Adding this course would help give our theatre-loving students consistent training and would add to our already impressive arts offerings at ORHS. This advanced course will help prepare students who are interested in pursuing theatre as a career by providing skills and guidance needed to audition for the most competitive theatre programs that lead to professional theatrical careers.
7. What are the disadvantages and/or challenges of adding this course? Please specify if any courses will have to be cut if this course is introduced. I don't see any disadvantages to adding this course. Challenges could include the location of where the class would take place and getting starting material for the academics of the course. If I am able to go full-time into teaching Theatre, we would need fill the void for Business courses.
8. Do we already have Oak Ridge Staff who are certified to teach this course? Yes
9. If we already have Oak Ridge Staff who are certified to teach this course, what responsibilities do they currently have that they would no longer be able to fulfill if they teach this course? Terri Lloyd currently teaches 2 sections of Introduction to Business per semester. These courses would need a replacement Business Teacher. There was a strong demand for the Theatre I class, and many of these students would be ready for advanced coursework. Terri would be interested in moving into this area of Focus full-time. If the course was offered during 3a or 3b, then Supervision duties would need to be covered.



10. If we already have Oak Ridge staff who are certified to teach this course, are they interested in teaching this course? Why or why not? Yes, Terri Lloyd has her theatre endorsement and started teaching Theatre I in the 2024-25 academic year.
11. If we do not already have Oak Ridge staff who are certified to teach this course, what are the plans to fill this FTE? NA
12. Does this course require any partnerships with colleges, universities, or other organizations? If so, have they been contacted? Please elaborate. No
13. Does this course require any special equipment and/or changes to the physical space? It would be helpful to have a wall of mirrors. The current Greenroom – PA130 would be a great location for this. But the class would mostly take place on the stage and in the other theatre spaces (Costume Loft, Props Loft, Costume Rooms, Green Room.)

Terri Lloyd
Name and signature of person
requesting course or pathway

Drayton Hawkins
Name and signature of school principal



Advanced Theatre Course Description (Based on Tennessee Theatre Standards)

Course Overview: The Advanced Theatre course is designed for students who have mastered basic theatre techniques and are ready to delve deeper into the art of performance, production, and the history of theatre. The course emphasizes the development of advanced acting skills, a deeper understanding of theatre theory, and the practical application of theatrical design. Students will refine their craft through acting exercises, scene work, improvisation, and the exploration of a wide range of theatrical genres. This course will prepare students for more professional and collegiate theatre experiences, equipping them with the knowledge and skills to pursue theatre at a higher level.

Course Objectives: Upon completion of this course, students will:

- **Master Advanced Acting Techniques:** Build on foundational acting skills with advanced techniques, including method acting, Stanislavski-based approaches, character analysis, and emotional recall.
- **Engage in Performance Practices:** Participate in complex performances, demonstrating an understanding of character development, staging, and performance dynamics.
- **Explore Theatre History and Literature:** Study pivotal works from various historical periods and movements, analyzing plays through critical and theoretical lenses.
- **Understand Theatre Design and Production:** Gain practical knowledge in the areas of set, lighting, costume, and sound design, as well as stage management and technical aspects of theatre production.
- **Refine Collaboration Skills:** Work in an ensemble setting, learning to collaborate with directors, designers, and fellow actors in the creation of a production.
- **Develop Critical Thinking and Analysis:** Critique and analyze performances, exploring the artistic choices of directors, designers, and performers to better understand the creative process.

Tennessee Theatre Standards Alignment: This course adheres to the Tennessee State Standards for Theatre Education, which are divided into four primary areas:

1. **Creating** – Students will demonstrate advanced skills in the creation of original performances, including improvisation, character development, and script analysis.
2. **Performing** – Students will perform both classical and contemporary works, using advanced acting techniques and working as part of a production team.
3. **Responding** – Students will evaluate and respond to theatrical productions, making connections to cultural, historical, and social contexts.
4. **Connecting** – Students will apply theatre knowledge to real-world situations and other academic disciplines, understanding the relevance of theatre in various aspects of life.

Course Topics:

- Advanced Acting Techniques: Method Acting, Stanislavski System, Chekhov Technique, Meisner Technique
- Scene Study: In-depth analysis of scenes from classical and contemporary plays
- Characterization: Techniques for developing multi-dimensional, complex characters
- Theatre History: Study of significant theatrical movements, from Ancient Greece to Modernism and beyond
- Theatre Literature: Reading and interpreting full-length plays by major playwrights
- Directing: Principles of directing a play, focusing on blocking, pacing, and collaboration with actors
- Technical Theatre: Set design, lighting design, sound design, costume design, and stage management
- Theatre Criticism: Writing and presenting thoughtful critiques of performances
- Professional Theatre Practices: Preparation for college auditions, portfolio development, and career opportunities in the theatre

Assessment: Students will be evaluated through:

- In-class performances and presentations
- Scene analysis and critiques
- Group projects and collaborative production work
- Written tests and essays on theatre history, literature, and production
- Participation in class discussions and peer critiques
- Final performance or production project

This course provides a comprehensive, challenging, and engaging environment for students to develop their theatre skills at an advanced level, preparing them for future educational and professional theatre opportunities.

New Course Request

2025-2026

Date: 12/5/2024

Name of Proposed Course: Musical Theatre

Course Description: The Musical Theatre course provides students with a comprehensive introduction to the world of musical theatre, blending elements of acting, vocal performance, and dance within the context of theatre production. Students will explore the history and evolution of musical theatre, focusing on iconic works from different time periods, including both classical and contemporary styles. Through practical performance, students will develop their skills in character analysis, vocal technique, stage presence, and choreography, while also cultivating an understanding of the collaborative nature of theatre productions. Due to the vocal and theatrical requirements of this class, students would need to have taken a semester of choir and a semester of theatre to enroll in this course. (See page 4 for an outline.)

1. Explain how this course relates to the Oak Ridge Schools Portrait of a Graduate.
 - a. College & Career Ready – Every student academically prepared for success.
 - i. Time Management – Working on a performance helps students build time management as students create sets, props & costumes, learn music and vocal parts, practice blocking and choreography. They will learn that each piece is essential and must be completed in a timely fashion for the show to be successful.
 - ii. Quick Thinkers – Anything can happen when you are creating. It is important that students learn to think quickly to make adjustments. Students will learn how to improvise and make adjustments.
 - b. The 4 Cs – Every student a critical thinker, communicator, collaborator, and creative.
 - i. Critical Thinker – A performance is a puzzle that has to come together into a beautiful picture using problem-solving in every step to piece together the technical, creative, and logistical aspects. For musical theatre, you have to understand the story that is happening around the song and learn about the characters who are represented in the performance piece. You have to connect the technical elements to the director's vision for the performance and ensure the production runs smoothly, understanding the big picture and how all of the movement, vocals, tech, and relationships work together to tell a story.
 - ii. Communicator – Theatre & music helps to tell stories. It is all about communicating. In this class students will learn how to use words, music and movement to communicate.
 - iii. Collaborator – Theatre in and of itself is collaborative. From a one person show to a hundred person production, it requires collaboration in writing, designing, rehearsing, refining and performing. For Musical Theatre, students will need to work together vocally and physically.
 - iv. Creative – Creativity is the heart of theatre. It gives students the opportunity for self-expression through storytelling.
 - c. Career Options – Every student explores careers and graduates with career options.
 - i. There are hundreds of jobs in the musical theatre industry. Providing this class gives students exposure to not only the musical aspects of theatre, but to jobs behind the scenes in set building, light design, sound design, costume design, stage management, producing and more.
 - d. Digital Citizen – Every student uses technology tools effectively and efficiently and exhibits digital citizenship.



- i. In the theatre industry, there is extensive use of video to demonstrate skill and to gain employment. It will be important for students to learn to create videos of their performances to grow as artists and to promote themselves and share them securely.
 - e. Life Ready – Every student exhibits the citizenship traits of self-awareness, self-discipline, and empathy.
 - i. Theatre is an amazing tool to help students discover themselves. As you work on musical theatre performance pieces you have to have an understanding of who you are and what you bring to a scene. You also have to know what you are good at and how you need to grow in skills and abilities.
 - ii. Theatre creates a great opportunity for self-discipline. When you are working on a performance, everyone has to do their part and show up. Learning vocal parts and choreography have to be accomplished in a timely manner or the show is negatively impacted. Students learn that their contribution matters.
 - iii. Empathy is embedded in the Theatre. When you take on a character, it is essential that you understand the character. Playing different roles help students understand different perspectives.
 2. Does this course have any special designation (e.g. honors, dual enrollment, industry certification, Advanced Placement)? No
 3. Would this course count toward an area of focus? Please explain. Fine Arts – Musical Theatre is a form of art and could be an option for a Fine Arts credit towards graduation or a career path. Could it be counted as an enhancer to an area of focus? Please explain. I believe that work in theatre enhances ability in almost every area of focus.
 4. Is this a year-long or semester course? A semester class, but could be taken multiple semesters. If you chose *Other*, please explain. It could also be a class that happens during 3a or 3b if necessary, but if so, it should be a year long class.
 5. How many credits would a student receive for passing this course? 1
 6. What are the benefits of adding this course? This course could count as an option for a Fine Arts Credit for graduation, an area of focus or an elective. The advantages to adding this course is that it would add a much needed layer of vocal training to our theatre community here at ORHS. Vocal coaching is extremely expensive and being able to add this type of training in our high school will help improve equity and diversity in the performing arts program. Many of the surrounding high schools have programs that include vocal training. Not having a full musical theatre program to offer makes us less appealing to some people moving into the area. Adding this course would help give our theatre-loving students consistent training and would add to our already impressive arts offerings at ORHS. This Musical Theatre course will help prepare students who are interested in pursuing theatre as a career by providing skills and guidance needed to audition for the most competitive theatre programs that lead to professional theatrical careers.
 7. What are the disadvantages and/or challenges of adding this course? Please specify if any courses will have to be cut if this course is introduced. I don't see any disadvantages to adding this course. Challenges could include getting starting material for the academics of the course.
 8. Do we already have Oak Ridge Staff who are certified to teach this course? Yes
 9. If we already have Oak Ridge Staff who are certified to teach this course, what responsibilities do they currently have that they would no longer be able to fulfill if they teach this course? None
 10. If we already have Oak Ridge staff who are certified to teach this course, are they interested in teaching this course? Why or why not? Yes, Amanda Ragan is excited about expanding course offerings.
 11. If we do not already have Oak Ridge staff who are certified to teach this course, what are the plans to fill this FTE? N/A



12. Does this course require any partnerships with colleges, universities, or other organizations? If so, have they been contacted? Please elaborate. No
13. Does this course require any special equipment and/or changes to the physical space? It would be helpful to have a wall of mirrors. The current Greenroom – PA130 would be a great location for this. But the class would mostly take place on the stage and in other theatre and performing arts spaces as available.

Amanda Ragan
Name and signature of person
requesting course or pathway

Mr. Drayton Hawkins
Name and signature of school principal



Musical Theatre Course Description (Tennessee Theatre and Music Standards)

This course provides students with a comprehensive introduction to the world of musical theatre, blending elements of acting, vocal performance, and dance within the context of theatre production. Students will explore the history and evolution of musical theatre, focusing on iconic works from different time periods, including both classical and contemporary styles. Through practical performance, students will develop their skills in character analysis, vocal technique, stage presence, and choreography, while also cultivating an understanding of the collaborative nature of theatre productions. Due to the vocal and theatrical requirements of this class, students would need to audition for this course and meet basic criteria in order to enroll in this course.

Aligned with Tennessee's Theatre and Music Standards, this course emphasizes the following key areas:

1. **Performance Techniques:** Students will learn the fundamentals of acting and vocal performance, including character development, emotional expression, diction, and projection. Students will perform scenes and songs from popular musicals, applying theatrical techniques to enhance their stage presence.
2. **Music Theory and Voice Development:** In conjunction with vocal training, students will engage in music theory to understand the structural components of musical theatre scores. They will focus on vocal exercises, breath control, pitch accuracy, and harmonization to enhance their musical abilities.
3. **Dance and Choreography:** Students will study the basics of musical theatre choreography, including different dance styles commonly used in performances, such as jazz, tap, and contemporary dance. Emphasis will be placed on rhythm, coordination, and the integration of dance into storytelling.
4. **Theatrical History and Literature:** Students will explore a broad spectrum of musical theatre history, from the origins of operetta to the golden age of Broadway and the modern era of musical theatre. This includes analyzing major works, understanding the impact of different composers and lyricists, and studying the role of musical theatre in American and global culture.
5. **Production and Collaboration:** The course emphasizes teamwork and collaboration, with students participating in the creation of a final musical theatre performance. This will involve script reading, scene rehearsal, costume design, set building, and working with a production team to stage a full performance.
6. **Critical Analysis and Reflection:** Students will develop skills in evaluating musical theatre performances, both live and recorded, using the critical frameworks of performance analysis, technical execution, and artistic interpretation.

Course Objectives:

- To enhance students' skills in acting, singing, and dancing within the framework of musical theatre.
- To introduce students to the history, cultural significance, and structure of musical theatre.
- To encourage creativity and teamwork through participation in a theatrical production.

By the end of the course, students will have developed a well-rounded understanding of musical theatre, preparing them for more advanced study or for participation in school and community theatre productions.



OAK RIDGE SCHOOLS

Technology Department


Telephone: (865) 425-9015 | Fax: (865) 425-9062



MEMORANDUM

Date: January 9, 2025

To: Kelly Williams

From: Doug Cofey 

Subject: Staff Laptop Refresh

I recommend the approval of the purchase of Lenovo laptops in the amount of \$825916.00. The current staff laptops are over 4 years old and are out of warranty. The purchase was approved in the FY25 budget and would come from account 141-72210-790-000-000000-207.

There are 2 different laptops being purchased as some positions require devices with more processing power and RAM.

This purchase is utilizing the NASPO contract, which meets bidding requirements.



Thank you for choosing CDW. We have received your quote.

Hardware Software Services IT Solutions Brands Research Hub

QUOTE CONFIRMATION

SUSAN DUNDORE,

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

Convert Quote to Order

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
PGHP475	1/7/2025	L13 2-IN-1 I5 32GB/ 512GB SSD	0729655	\$725,995.00

IMPORTANT - PLEASE READ

Special Instructions: Lenovo TN Napso Contract

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<u>LVO L13 2IN1 U5-125U W11P MC00036587</u> Mfg. Part#: 21LNS44X00-MC00036587 Contract: Tennessee Lenovo NVP Computer Equipment (81353)	535	8223118	\$1,357.00	\$725,995.00

SUBTOTAL	\$725,995.00
SHIPPING	\$0.00
SALES TAX	\$0.00
GRAND TOTAL	\$725,995.00

PURCHASER BILLING INFO	DELIVER TO
Billing Address: OAK RIDGE SCHOOLS 304 NEW YORK AVE OAK RIDGE, TN 37830-5217 Phone: (865) 425-9004 Payment Terms: NET 30 Days-Govt/Ed	Shipping Address: OAK RIDGE SCHOOLS 127 PROVIDENCE RD SUITE 100 OAK RIDGE, TN 37830 Shipping Method: DROP SHIP-GROUND
	Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515



Thank you for choosing CDW. We have received your quote.

Hardware Software Services IT Solutions Brands Research Hub

QUOTE CONFIRMATION

SUSAN DUNDORE,

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

Convert Quote to Order

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
PGGP557	1/6/2025	X13 2-IN-1 32GB 1TB	0729655	\$99,921.00

IMPORTANT - PLEASE READ

Special Instructions: Lenovo TN Naspo Contract

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<u>LVO X13 2IN1 U7-165U W11P MC00036587</u> Mfg. Part#: 21LXS4K700-MC00036587 Contract: Tennessee Lenovo NVP Computer Equipment (81353)	57	8205378	\$1,753.00	\$99,921.00

SUBTOTAL	\$99,921.00
SHIPPING	\$0.00
SALES TAX	\$0.00
GRAND TOTAL	\$99,921.00

PURCHASER BILLING INFO	DELIVER TO
Billing Address: OAK RIDGE SCHOOLS 304 NEW YORK AVE OAK RIDGE, TN 37830-5217 Phone: (865) 425-9004 Payment Terms: NET 30 Days-Govt/Ed	Shipping Address: OAK RIDGE SCHOOLS 127 PROVIDENCE RD SUITE 100 OAK RIDGE, TN 37830 Shipping Method: DROP SHIP-GROUND
	Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515

Participating Addendum Number 81353
for
NASPO COMPUTER EQUIPMENT, PERIPHERALS & RELATED SERVICES
between
STATE OF TENNESSEE
and
Lenovo (United States) Inc.

This Participating Addendum is entered into by the STATE OF TENNESSEE ("Participating Entity") and the following Contractor (each a "Party" and collectively the "Parties") for the purpose of participating in NASPO ValuePoint Master Agreement Number 23013 executed by Contractor and the State of Minnesota for Computer Equipment, Peripherals & Related Services ("Master Agreement"):

Lenovo (United States) Inc. ("Contractor")
8001 Development Drive
Morrisville, NC 27560

I. PARTICIPATING ADDENDUM CONTACTS.

Contractor's contact for this Participating Addendum is:

Lance Couch
Contract Manager
lcouch@lenovo.com
281-712-2155

Participating Entity's contact for this Participating Addendum is:

Zohreh Hurd
Category Specialist – Technology
Zohreh.hurd@tn.gov
615-741-2026

- II. TERM.** The term, renewal, and extension provisions of this Participating Addendum are set forth in Attachment A, Special Terms and Conditions, Sections 25-27. This Participating Addendum will terminate upon termination of the Master Agreement, as amended, unless the Participating Addendum is terminated sooner in accordance with the terms set forth herein.
- III. PARTICIPATION AND USAGE.** This Participating Addendum may be used by all state agencies, institutions of higher education, cities, counties, districts, and other political subdivisions of the state, and nonprofit organizations within the state if authorized herein and by law. Participating Entity has sole authority to determine which entities are eligible to use this Participating Addendum. If Contractor becomes aware that an entity's use of this Participating Addendum is not authorized, Contractor will notify NASPO ValuePoint to initiate outreach to the appropriate parties.
- IV. GOVERNING LAW.** The construction and effect of this Participating Addendum and any Orders placed hereunder will be governed by, and construed in accordance with, Participating Entity's laws.
- V. SCOPE.** Except as otherwise stated herein, this Participating Addendum incorporates the scope, pricing, terms, and conditions of the Master Agreement and the rights and obligations set forth therein as applied to the Contractor and Participating Entity and Purchasing Entities.
- a. Services.** All services available through the Master Agreement may be offered and sold by Contractor to Purchasing Entities.
 - b. Equipment Leasing.** No leasing is allowed under this Participating Addendum
 - c. Equipment Trade-in Program.** No trade-ins are allowed under this Participating Addendum
 - d. Contractor Partners.** All subcontractors, dealers, distributors, resellers, and other partners identified on Contractor's NASPO ValuePoint webpage as authorized to provide Products and Services to Participating Entity may provide Products and Services to users of this Participating Addendum. Contractor will ensure that the participation of Contractor's subcontractors, dealers, distributors,

**Participating Addendum Number 81353 for
COMPUTER EQUIPMENT, PERIPHERALS & RELATED SERVICES**

Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

resellers, and other partners is in accordance with the terms and conditions set forth in the Master Agreement and in this Participating Addendum.

Any amendment to the Master Agreement shall be deemed incorporated into this Participating Addendum unless the amendment is rejected by the Participating Entity in writing to Contractor within ten (10) calendar days of the amendment's effective date and is documented thereafter via written amendment hereto.

Any conflict between this Participating Addendum and the Master Agreement will be resolved in favor of the Participating Addendum.

- VI. ORDERS.** Purchasing Entities may place orders under this Participating Addendum by referencing the Participating Addendum Number on an Order. Each Order placed under this Participating Addendum is subject to the pricing and terms set forth herein and in the Master Agreement, including applicable discounts, reporting requirements, and payment of administrative fees to NASPO ValuePoint and Participating Entity, if applicable.
- VII. PARTICIPATING ENTITY REPORTING REQUIREMENTS AND ADMINISTRATIVE FEE.** See Special Terms and Conditions Term #22. Statewide Contract Reports and Term #30. Administrative Fees
- VIII. FEDERAL FUNDING REQUIREMENTS.** Orders funded with federal funds may have additional contractual requirements or certifications that must be satisfied at the time the Order is placed or upon delivery. When applicable, a Purchasing Entity will identify in the Order any alternative or additional requirements related to the use of federal funds. By accepting the Order, Contractor agrees to comply with the requirements set forth therein.
- IX. INFORMATION TECHNOLOGY SECURITY STANDARDS.**
- X. ATTACHMENTS.** This Participating Addendum includes the following attachments:
- a. Attachment A: Participating Entity Modifications and Additions to Master Agreement Terms and Conditions
 - b. Attachment B: Diversity Letter
 - c. Attachment C: Attestation
 - d. Attachment D: Statement of Work
 - e. Attachment E: Participating Entity Product and Service Exclusions and Clarifications
 - f. Attachment F: Protection of Federal Tax Information
- XI. NOTICE.** Any notice required herein shall be sent to the following:
- | | |
|-------------------|---|
| For Contractor: | For Participating Entity: |
| Lance Couch | Zohreh Hurd |
| Contract Manager | Category Specialist – Technology |
| lcouch@lenovo.com | <u>Zohreh.hurd@tn.gov</u> |
| 281-712-2155 | 615-741-2026 |
- XII. SUBMISSION OF PARTICIPATING ADDENDUM TO NASPO VALUEPOINT.** Upon execution, Contractor shall email a copy of this Participating Addendum and any amendments hereto to NASPO ValuePoint at pa@naspovaluepoint.org. While Participating Entity will maintain the official record of this Participating Addendum, the Parties agree that this Participating Addendum, as amended, may be published on the NASPO ValuePoint website.

SIGNATURE

The undersigned for each Party represents and warrants that this Participating Addendum is a valid and legal agreement binding on the Party and enforceable in accordance with the Participating Addendum's terms and

**Participating Addendum Number 81353 for
NASPO COMPUTER EQUIPMENT, PERIPHERALS & RELATED SERVICES**

Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

that the undersigned is duly authorized and has legal capacity to execute and deliver this Participating Addendum and bind the Party hereto.

IN WITNESS WHEREOF, the Parties have executed this Participating Addendum.

CONTRACTOR:



Signature

Anthony Pichardo

Printed Name

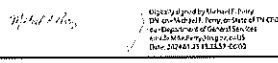
Executive Director

Title

1/25/24

Date

PARTICIPATING ENTITY:



Signature

Michael F. Perry

Printed Name

Chief Procurement Officer

Title

1/25/24

Date

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Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

Attachment A

**State of Tennessee
("State," "Participating Entity," or "Purchasing Entity")**

NASPO ValuePoint COMPUTER EQUIPMENT, PERIPHERALS & RELATED SERVICES 2023-2028

All references to "Contract" hereinbelow shall collectively refer to the "Master Contract",
"Participating Addendum", and "Supplemental Terms and Conditions"

Supplemental Terms and Conditions



Standard Terms and Conditions

1. **Required Approvals.** The State is not bound by this Contract until it is duly approved by the Parties and all appropriate State officials in accordance with applicable Tennessee laws and regulations. Depending upon the specifics of this Contract, this may include approvals by the Commissioner of Finance and Administration, the Commissioner of Human Resources, the Comptroller of the Treasury, and the Chief Procurement Officer. Approvals shall be evidenced by a signature or electronic approval.
2. **Communications and Contacts.** All instructions, notices, consents, demands, or other communications required or contemplated by this Contract shall be in writing and shall be made by certified, first class mail, return receipt requested and postage prepaid, by overnight courier service with an asset tracking system, or by email or facsimile transmission with recipient confirmation. All communications, regardless of method of transmission, shall be addressed to the respective Party at the appropriate mailing address, facsimile number, or email address as stated below or any other address provided in writing by a Party.

The State:

Zohreh S. Hurd, Category Specialist – Technology
Central Procurement Office, Department of General Services (DGS)
312 Rosa L. Parks Ave., Nashville, TN 37243
Tennessee Tower, 3rd Floor
Zohreh.hurd@tn.gov
615-741-2026

The Contractor:

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Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

Lenovo (United States) Inc.
Lance Couch, Contract Manager
8001 Development Drive, Morrisville, NC 27560
lcouch@lenovo.com
281-712-2155
Fax N/A

All instructions, notices, consents, demands, or other communications shall be considered effective upon receipt or recipient confirmation as may be required.

3. Modification and Amendment. This Contract may be modified only by a written amendment signed by all Parties and approved by all applicable State officials.
4. Subject to Funds Availability. The Contract is subject to the appropriation and availability of State or federal funds. In the event that the funds are not appropriated or are otherwise unavailable, the State reserves the right to terminate this Contract upon written notice to the Contractor. The State's exercise of its right to terminate this Contract shall not constitute a breach of Contract by the State. Upon receipt of the written notice, the Contractor shall cease all work associated with the Contract. If the State terminates this Contract due to lack of funds availability, the Contractor shall be entitled to compensation for all conforming goods requested and accepted by the State and for all authorized services completed in accordance with the Contract as of the termination date. Should the State exercise its right to terminate this Contract due to unavailability of funds, the Contractor shall have no right to recover from the State any actual, general, special, incidental, consequential, or any other damages of any description or amount.
5. Termination for Convenience. The State may terminate this Contract for convenience without cause and for any reason. The State shall give the Contractor at least thirty (30) days written notice before the termination date. The Contractor shall be entitled to compensation for all conforming goods delivered and accepted by the State or for authorized services completed in accordance with the Contract as of the termination date. In no event shall the State be liable to the Contractor for compensation for any goods neither requested nor accepted by the State or for any services neither requested by the State nor performed by the Contractor in accordance with this Contract. In no event shall the State's exercise of its right to terminate this Contract for convenience relieve the Contractor of any liability to the State for any damages or claims arising under this Contract.
6. Termination for Cause. If the Contractor fails to properly perform its obligations under this Contract in a timely or proper manner, or if the Contractor materially violates any terms of this Contract ("Breach Condition"), the State shall promptly notify Contractor of the alleged breach and Contractor shall have thirty (30) day's to cure the alleged breach. Thereafter, if the alleged breach remains uncured, the State shall have the right to terminate the Contract and withhold payments in excess of compensation for completed services or provided goods. Notwithstanding the above, the Contractor shall not be relieved of liability to the State for damages sustained by virtue of any Breach Condition and the State may seek other remedies allowed at law or in equity for breach of this Contract.
7. Assignment and Subcontracting. The Contractor shall not assign this Contract or enter into a subcontract for any of the goods or services provided under this Contract without the prior written approval of the State. Notwithstanding any use of the approved subcontractors, the Contractor shall be the prime contractor and responsible for compliance with all terms and conditions of this Contract. The State

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Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

reserves the right to reasonably request additional information or reasonably impose additional terms and conditions before approving an assignment of this Contract in whole or in part or the use of subcontractors in fulfilling the Contractor's obligations under this Contract.

8. Conflicts of Interest. The Contractor warrants that no part of the Contractor's compensation shall be paid directly or indirectly to an employee or official of the State of Tennessee as wages, compensation, or gifts in exchange for acting as an officer, agent, employee, subcontractor, or consultant to the Contractor in connection with any work contemplated or performed under this Contract.

The Contractor acknowledges, understands, and agrees that this Contract shall be null and void if the Contractor is, or within the past six (6) months has been, an employee of the State of Tennessee or if the Contractor is an entity in which a controlling interest is held by an individual who is, or within the past six (6) months has been, an employee of the State of Tennessee.

9. Nondiscrimination. The Contractor hereby agrees, warrants, and assures that no person shall be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination in the performance of this Contract or in the employment practices of the Contractor on the grounds of handicap or disability, age, race, creed, color, religion, sex, national origin, or any other classification protected by federal or state law. The Contractor shall, upon request, show proof of nondiscrimination and shall post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.

10. Prohibition of Illegal Immigrants. The requirements of Tenn. Code Ann. § 12-3-309 addressing the use of illegal immigrants in the performance of any contract to supply goods or services to the state of Tennessee, shall be a material provision of this Contract, a breach of which shall be grounds for monetary and other penalties, up to and including termination of this Contract.

- a. The Contractor agrees that the Contractor shall not knowingly utilize the services of an illegal immigrant in the performance of this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant in the performance of this Contract. The Contractor shall reaffirm this attestation, in writing, by submitting to the State a completed and signed copy of the document at Attachment C: Attestation, semi-annually during the Term. If the Contractor is a party to more than one contract with the State, the Contractor may submit one attestation that applies to all contracts with the State. All Contractor attestations shall be maintained by the Contractor and made available to State officials upon request.
- b. Prior to the use of any subcontractor in the performance of this Contract, and semi-annually thereafter, during the Term, the Contractor shall obtain and retain a current, written attestation that the subcontractor shall not knowingly utilize the services of an illegal immigrant to perform work under this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant to perform work under this Contract. Attestations obtained from subcontractors shall be maintained by the Contractor and made available to State officials upon request.
- c. The Contractor shall maintain records for all personnel used in the performance of this Contract to the extent required by applicable law. Contractor's records shall be subject to review and random inspection at any reasonable time, with minimal business disruption, upon reasonable notice by the State.
- d. The Contractor understands and agrees that failure to comply with this section will be subject to the sanctions of Tenn. Code Ann. § 12-3-309 for acts or omissions occurring after its effective date.

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- e. For purposes of this Contract, "illegal immigrant" shall be defined as any person who is not: (i) a United States citizen; (ii) a Lawful Permanent Resident; (iii) a person whose physical presence in the United States is authorized; (iv) allowed by the federal Department of Homeland Security and who, under federal immigration laws or regulations, is authorized to be employed in the U.S.; or (v) is otherwise authorized to provide services under the Contract.
11. Records. The Contractor shall maintain documentation for all charges under this Contract. The books, records, and documents of the Contractor, for work performed or money received under this Contract, shall be maintained for a period of five (5) full years from the date of the final payment and shall be subject to audit at any reasonable time, with reasonable frequency and upon reasonable notice by the State, the Comptroller of the Treasury, or their duly appointed representatives. The financial statements shall be prepared in accordance with generally accepted accounting principles.
12. Monitoring. The Contractor's activities conducted and records maintained pursuant to this Contract shall be subject to reasonable monitoring and reasonable evaluation by the State, the Comptroller of the Treasury, or their duly appointed representatives.
13. Progress Reports. The Contractor shall submit brief, periodic, progress reports to the State as requested.
14. Strict Performance. Failure by any Party to this Contract to require, in any one or more cases, the strict performance of any of the terms, covenants, conditions, or provisions of this Contract shall not be construed as a waiver or relinquishment of any term, covenant, condition, or provision. No term or condition of this Contract shall be held to be waived, modified, or deleted except by a written amendment signed by the Parties.
15. Independent Contractor. The Parties shall not act as employees, partners, joint venturers, or associates of one another. The Parties are independent contracting entities. Nothing in this Contract shall be construed to create an employer/employee relationship or to allow either Party to exercise control or direction over the manner or method by which the other transacts its business affairs or provides its usual services. The employees or agents of one Party are not employees or agents of the other Party.
16. Patient Protection and Affordable Care Act. The Contractor agrees that it will be responsible for compliance with the Patient Protection and Affordable Care Act ("PPACA") with respect to itself and its employees, including any obligation to report health insurance coverage, provide health insurance coverage, or pay any financial assessment, tax, or penalty for not providing health insurance. The Contractor shall indemnify the State and hold it harmless from any costs to the State arising from Contractor's failure to fulfill its PPACA responsibilities for itself or its employees.
17. Limitation of State's Liability. The State shall have no liability except as specifically provided in this Contract. In no event will the State be liable to the Contractor or any other party for any lost revenues, lost profits, loss of business, decrease in the value of any securities or cash position, time, goodwill, or any indirect, special, incidental, punitive, exemplary or consequential damages of any nature, whether based on warranty, contract, statute, regulation, tort (including but not limited to negligence), or any other legal theory that may arise under this Contract or otherwise. Notwithstanding anything else herein, the State's total liability under this Contract (including without limitation any exhibits, schedules, amendments or other attachments to the Contract) or otherwise shall under no circumstances exceed the Estimated Liability. This limitation of liability is cumulative and not per incident.

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18. Limitation of Contractor's Liability. In accordance with Tenn. Code Ann. § 12-3-701, the Contractor's liability for all claims arising under this Contract shall be limited to an amount equal to two (2) times the Estimated Liability amount detailed in Special Terms and Conditions #2. and as may be amended, PROVIDED THAT in no event shall this Section limit the liability of the Contractor for: (i) intellectual property or any Contractor Indemnity obligations for infringement for third-party intellectual property rights; (ii) any claims covered by any specific provision in the Contract providing for liquidated damages; or (iii) any claims for intentional torts, criminal acts, fraudulent conduct, or acts or omissions that result in personal injuries or death.
19. Hold Harmless. Contractor shall indemnify, defend (to the extent permitted by law and the Indemnified Party's legal counsel), and hold harmless an Indemnified Party from any third party claims or causes of action, including attorney's fees, from the performance of the Master Agreement by the Contractor or its agents, employees, or subcontractors resulting in bodily injury (including death) or damage to real or tangible personal property.

The indemnification obligations of this section do not apply in the event the claim or cause of action is the result of the Indemnified Party's sole negligence. This clause will not be construed to bar any legal remedies the Contractor may have for the Indemnified Party's failure to fulfill its obligation under this Contract.

In the event of any suit or claim, the Parties shall give each other prompt notice and provide all necessary assistance to respond. The failure of the State to give notice shall only relieve the Contractor of its obligations under this Section to the extent that the Contractor can demonstrate actual prejudice arising from the failure to give notice. This Section shall not grant the Contractor, through its attorneys, the right to represent the State in any legal matter, as the right to represent the State is governed by Tenn. Code Ann. § 8-6-106.

20. [Reserved]
21. Tennessee Consolidated Retirement System. Subject to statutory exceptions contained in Tenn. Code Ann. §§ 8-36-801, *et seq.*, the law governing the Tennessee Consolidated Retirement System ("TCRS"), provides that if a retired member of TCRS, or of any superseded system administered by TCRS, or of any local retirement fund established under Tenn. Code Ann. §§ 8-35-101, *et seq.*, accepts State employment, the member's retirement allowance is suspended during the period of the employment. Accordingly and notwithstanding any provision of this Contract to the contrary, the Contractor agrees that if it is later determined that the true nature of the working relationship between the Contractor and the State under this Contract is that of "employee/employer" and not that of an independent contractor, the Contractor, if a retired member of TCRS, may be required to repay to TCRS the amount of retirement benefits the Contractor received from TCRS during the Term.
22. Tennessee Department of Revenue Registration. The Contractor shall comply with all applicable registration requirements contained in Tenn. Code Ann. §§ 67-6-601 – 608. Compliance with applicable registration requirements is a material requirement of this Contract.
23. Debarment and Suspension. The Contractor certifies, to the best of its knowledge and belief, that it, its current and future principals, its current and future subcontractors and their principals:

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- a. are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department or agency;
- b. have not within a three (3) year period preceding this Contract been convicted of, or had a civil judgment rendered against them from commission of fraud, or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or grant under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;
- c. are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses detailed in section b. of this certification; and
- d. have not within a three (3) year period preceding this Contract had one or more public transactions (federal, state, or local) terminated for cause or default.

The Contractor shall provide prompt written notice to the State if at any time it learns that there was an earlier failure to disclose information or that due to changed circumstances, its principals or the principals of its subcontractors are excluded, disqualified, or presently fall under any of the prohibitions of sections a-d.

24. Force Majeure. "Force Majeure Event" means fire, flood, earthquake, elements of nature or acts of God, wars, riots, civil disorders, rebellions or revolutions, acts of terrorism or any other similar cause beyond the reasonable control of the Party except to the extent that the non-performing Party is at fault in failing to prevent or causing the default or delay, and provided that the default or delay cannot reasonably be circumvented by the non-performing Party through the use of alternate sources, workaround plans or other means. A strike, lockout or labor dispute shall not excuse either Party from its obligations under this Contract. Except as set forth in this Section, any failure or delay by a Party in the performance of its obligations under this Contract arising from a Force Majeure Event is not a default under this Contract or grounds for termination. The non-performing Party will be excused from performing those obligations directly affected by the Force Majeure Event, and only for as long as the Force Majeure Event continues, provided that the Party continues to use diligent, good faith efforts to resume performance without delay. The occurrence of a Force Majeure Event affecting Contractor's representatives, suppliers, subcontractors, customers or business apart from this Contract is not a Force Majeure Event under this Contract. Contractor will promptly notify the State of any delay caused by a Force Majeure Event (to be confirmed in a written notice to the State within two (2) days of the inception of the delay) that a Force Majeure Event has occurred, and will describe in reasonable detail the nature of the Force Majeure Event. If any Force Majeure Event results in a delay in Contractor's performance longer than five (5) days, the State may, upon notice to Contractor: (a) cease payment of the fees for the affected obligations until Contractor resumes performance of the affected obligations; or (b) immediately terminate this Contract or any purchase order, in whole or in part, without further payment except for fees then due and payable. Contractor will not increase its charges under this Contract or charge the State any fees other than those provided for in this Contract as the result of a Force Majeure Event.
25. State and Federal Compliance. The Contractor shall comply with all State and federal laws and regulations applicable to Contractor in the Contractor's performance of this Contract.
26. Governing Law. This Contract shall be governed by and construed in accordance with the laws of the State of Tennessee, without regard to its conflict or choice of law rules. The Tennessee Claims

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Commission or the state or federal courts in Tennessee shall be the venue for all claims, disputes, or disagreements arising under this Contract. The Contractor acknowledges and agrees that any rights, claims, or remedies against the State of Tennessee or its employees arising under this Contract shall be subject to and limited to those rights and remedies available under Tenn. Code Ann. §§ 9-8-101 - 408.

27. Entire Agreement. This Contract, including any incorporated agreements, is complete and contains the entire understanding between the Parties relating to its subject matter, including all the terms and conditions of the Parties' agreement. This Contract supersedes any and all prior understandings, representations, negotiations, and agreements between the Parties, whether written or oral.
28. Severability. If any terms and conditions of this Contract are held to be invalid or unenforceable as a matter of law, the other terms and conditions of this Contract shall not be affected and shall remain in full force and effect. The terms and conditions of this Contract are severable.
29. Headings. Section headings of this Contract are for reference purposes only and shall not be construed as part of this Contract.
30. Incorporation of Additional Documents. Each of the following documents is included as a part of this Contract by reference. In the event of a discrepancy or ambiguity regarding the Contractor's duties, responsibilities, and performance under this Contract, these items shall govern in order of precedence below:
 - a. any amendment to this Contract, with the latter in time controlling over any earlier amendments;
 - b. this Contract with any attachments or exhibits (excluding the items listed at subsections c. through f., below), which includes Attachments A-F;
 - c. any clarifications of or addenda to the Contractor's proposal seeking this Contract;
31. Iran Divestment Act. The requirements of Tenn. Code Ann. § 12-12-101, *et seq.*, addressing contracting with persons as defined at Tenn. Code Ann. §12-12-103(5) that engage in investment activities in Iran, shall be a material provision of this Contract. The Contractor certifies, under penalty of perjury, that to the best of its knowledge and belief that it is not on the list created pursuant to Tenn. Code Ann. § 12-12-106.
32. Insurance. Contractor shall maintain insurance coverage as specified in this Section. The State reserves the right to amend or require additional insurance coverage, coverage amounts, and endorsements required under this Contract. Contractor's failure to maintain or submit evidence of insurance coverage, as required, is a material breach of this Contract. If Contractor loses insurance coverage, fails to renew coverage, or for any reason becomes uninsured during the Term, Contractor shall immediately notify the State. All insurance companies providing coverage must be: (a) acceptable to the State; (b) authorized by the Tennessee Department of Commerce and Insurance ("TDCI"); and (c) rated A- / VII or better by A.M. Best. All coverage must be on a primary basis and noncontributory with any other insurance or self-insurance carried by the State. Contractor agrees to name the State as an additional insured on any insurance policy with the exception of workers' compensation (employer liability) and professional liability (errors and omissions) insurance. All policies must contain an endorsement for a waiver of subrogation in favor of the State. Any deductible or self insured retention ("SIR") over fifty thousand dollars (\$50,000) must be approved by the State. The deductible or SIR and any premiums are the Contractor's sole responsibility. The Contractor agrees that the insurance requirements specified in this Section do not reduce any liability the Contractor has assumed under this Contract including any indemnification or hold harmless requirements.

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To achieve the required coverage amounts, a combination of an otherwise deficient specific policy and an umbrella policy with an aggregate meeting or exceeding the required coverage amounts is acceptable. For example: If the required policy limit under this Contract is for two million dollars (\$2,000,000) in coverage, acceptable coverage would include a specific policy covering one million dollars (\$1,000,000) combined with an umbrella policy for an additional one million dollars (\$1,000,000). If the deficient underlying policy is for a coverage area without aggregate limits (generally Automobile Liability and Employers' Liability Accident). In the event that an umbrella policy is being provided to achieve any required coverage amounts, the umbrella policy shall be accompanied by an endorsement at least as broad as the Insurance Services Office, Inc. (also known as "ISO") "Noncontributory—Other Insurance Condition" endorsement or shall be written on a policy form that addresses both the primary and noncontributory basis of the umbrella policy if the State is otherwise named as an additional insured.

Contractor shall provide the State a certificate of insurance ("COI") evidencing the coverages and amounts specified in this Section. The COI must be on a form approved by the TDCI (standard ACORD form preferred). The COI must list each insurer's National Association of Insurance Commissioners (NAIC) number and be signed by an authorized representative of the insurer. The COI must list the State of Tennessee – CPO Risk Manager, 312 Rosa L. Parks Ave., 3rd floor Central Procurement Office, Nashville, TN 37243 as the certificate holder. Contractor shall provide the COI ten (10) business days prior to the Effective Date and again thirty (30) calendar days before renewal or replacement of coverage. Contractor shall provide the State evidence that all subcontractors maintain the required insurance or that subcontractors are included under the Contractor's policy. At any time, the State may require Contractor to provide a valid COI. The Parties agree that failure to provide evidence of insurance coverage as required is a material breach of this Contract. If Contractor self-insures, then a COI will not be required to prove coverage. Instead Contractor shall provide a certificate of self-insurance or a letter, on Contractor's letterhead, detailing its coverage, policy amounts, and proof of funds to reasonably cover such expenses. The State reserves the right to require complete copies of all required insurance policies, including endorsements required by these specifications, at any time.

The State agrees that it shall give written notice to the Contractor as soon as practicable after the State becomes aware of any claim asserted or made against the State, but in no event later than thirty (30) calendar days after the State becomes aware of such claim. The failure of the State to give notice shall only relieve the Contractor of its obligations under this Section to the extent that the Contractor can demonstrate actual prejudice arising from the failure to give notice. This Section shall not grant the Contractor or its insurer, through its attorneys, the right to represent the State in any legal matter, as the right to represent the State is governed by Tenn. Code Ann. § 8-6-106.

The insurance obligations under this Contract shall be: (1)—all the insurance coverage and policy limits carried by the Contractor; or (2)—the minimum insurance coverage requirements and policy limits shown in this Contract; whichever is greater. Any insurance proceeds in excess of or broader than the minimum required coverage and minimum required policy limits, which are applicable to a given loss, shall be available to the State. No representation is made that the minimum insurance requirements of the Contract are sufficient to cover the obligations of the Contractor arising under this Contract. The Contractor shall obtain and maintain, at a minimum, the following insurance coverages and policy limits.

- a. Commercial General Liability ("CGL") Insurance
 - 1) The Contractor shall maintain CGL, which shall be written on an ISO Form CG 00 01 occurrence form (or a substitute form providing equivalent coverage) and shall cover liability arising from property damage, premises and operations products and completed

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operations, bodily injury, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).

The Contractor shall maintain single limits not less than one million dollars (\$1,000,000) per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this policy or location of occurrence or the general aggregate limit shall be twice the required occurrence limit.

b. Workers' Compensation and Employer Liability Insurance

- 1) For Contractors statutorily required to carry workers' compensation and employer liability insurance, the Contractor shall maintain:
 - i. Workers' compensation in an amount not less than one million dollars (\$1,000,000) including employer liability of one million dollars (\$1,000,000) per accident for bodily injury by accident, one million dollars (\$1,000,000) policy limit by disease, and one million dollars (\$1,000,000) per employee for bodily injury by disease.
- 2) If the Contractor certifies that it is exempt from the requirements of Tenn. Code Ann. §§ 50-6-101 – 103, then the Contractor shall furnish written proof of such exemption for one or more of the following reasons:
 - i. The Contractor employs fewer than five (5) employees;
 - ii. The Contractor is a sole proprietor;
 - iii. The Contractor is in the construction business or trades with no employees;
 - iv. The Contractor is in the coal mining industry with no employees;
 - v. The Contractor is a state or local government; or
 - vi. The Contractor self-insures its workers' compensation and is in compliance with the TDCI rules and Tenn. Code Ann. § 50-6-405.

c. Automobile Liability Insurance

- 1) The Contractor shall maintain automobile liability insurance which shall cover liability arising out of any automobile (including owned, leased, hired, and non-owned automobiles).
- 2) The Contractor shall maintain bodily injury/property damage with a limit not less than one million dollars (\$1,000,000) per occurrence or combined single limit.

d. Crime Insurance

- 1) The Contractor shall maintain crime insurance, which shall be written on a "loss sustained form" or "loss discovered form" providing coverage for third party fidelity, The policy must allow for reporting of circumstances or incidents that may give rise to future claims, include an extended reporting period of no less than ninety (90) days with respect to events which occurred but were not reported during the term of the policy, and not contain a condition requiring an arrest or conviction, but the discovery period terminates upon the inception of replacement crime insurance

Any crime insurance policy shall have a limit not less than one million dollars (\$1,000,000) per claim and one million dollars (\$1,000,000) in the aggregate. Any crime insurance policy shall contain a Social Engineering Fraud Endorsement with a limit of not less than two hundred and fifty thousand dollars (\$250,000). This insurance may be written on a claims-made basis, but in the event that coverage is cancelled or non-renewed.

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33. Major Procurement Contract Sales and Use Tax. Pursuant to Tenn. Code Ann. § 4-39-102 and to the extent applicable, the Contractor and the Contractor's subcontractors shall remit sales and use taxes on the sales of goods or services that are made by the Contractor or the Contractor's subcontractors and that are subject to tax.
34. Confidentiality of Records. Strict standards of confidentiality of records and information shall be maintained in accordance with applicable state and federal law. All material and information, regardless of form, medium or method of communication, provided to the Contractor by the State or acquired by the Contractor on behalf of the State that is regarded as confidential under state or federal law shall be regarded as "Confidential Information." Nothing in this Section shall permit Contractor to disclose any Confidential Information. Confidential Information shall not be disclosed except as required or permitted under state or federal law. Contractor shall take all necessary steps to safeguard the confidentiality of such material or information in conformance with applicable state and federal law. The obligations set forth in this Section shall survive the termination of this Contract for so long as confidential information is retained.
35. Boycott of Israel. The Contractor certifies that it is not currently engaged in, and covenants that it will not, for the duration of the Contract, engage in a Boycott of Israel, as that term is defined in Tenn. Code Ann. § 12-4-119.
36. Prohibited Contract Terms. The prohibited contract terms and conditions enumerated in Pub. Ch. 113, § 5, shall be a material provision of this Contract. The Contractor acknowledges, understands, and agrees that the inclusion of a term or condition prohibited by Pub. Ch. 113, § 5, shall be null and void and the Contract shall be enforceable as if the Contract did not contain such term or condition.

Special Terms and Conditions

1. Conflicting Terms and Conditions. Should any of these special terms and conditions conflict with any other terms and conditions of this Contract, the special terms and conditions shall be subordinate to the Contract's other terms and conditions.
2. Estimated Liability. The total purchases of any goods or services under the Contract are not known. The State estimates the purchases during the Term shall be seventeen million (\$17,000,000.00) ("Estimated Liability"). This Contract does not grant the Contractor any exclusive rights. The State does not guarantee that it will buy any minimum quantity of goods or services under this Contract. Subject to the terms and conditions of this Contract, the Contractor will only be paid for goods or services provided under this Contract after a purchase order is issued to Contractor by the State or as otherwise specified by this Contract.
3. Payment Methodology. The Contractor shall be compensated based on the payment methodology for goods or services authorized by the State in a total amount as set forth in Special Terms and Conditions #2 above and which is based on the NASPO Valuepoint reseller catalog found at:

<https://www.naspo.valuepoint.org/portfolio/computer-equipment-peripherals-related-services-2023-2028/lenovo-united-states-inc/>

<https://techtoday.lenovo.com/us/en/naspo>

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4. Travel Compensation. The Contractor shall not be compensated or reimbursed for travel time, travel expenses, meals, or lodging.
5. Statement of Work. Professional Services shall be secured through a Statement of Work (SOW) (See Attachment D) executed between the Contractor and the State Agency or Purchasing Entity. This SOW constitutes an Order under this Participating Addendum NASPO COMPUTER EQUIPMENT, PERIPHERALS & RELATED SERVICES SWC3014, (the "Contract") and incorporates by reference the terms and conditions, specifications, and other incorporated contract documents of the Contract. In case of any conflict between the SOW and the Contract, the Contract shall prevail.
6. Invoice Requirements. The Contractor shall invoice the State only after completion of all work, described in this Contract, and present invoices no more often than monthly, with all necessary supporting documentation, to:

State Agency Billing Address

- a. Each invoice, on Contractor's letterhead, shall clearly and accurately detail all of the following information (calculations must be extended and totaled correctly):
 - (1) Invoice number (assigned by the Contractor);
 - (2) Invoice date;
 - (3) Contract number (assigned by the State);
 - (4) Customer account name: State Agency & Division Name;
 - (5) Customer account number (assigned by the Contractor to the above-referenced Customer);
 - (6) Contractor name;
 - (7) Contractor Tennessee Edison registration ID number;
 - (8) Contractor contact for invoice questions (name, phone, or email);
 - (9) Contractor remittance address;
 - (10) Description of delivered goods or services provided and invoiced, including identifying information as applicable; and
 - (11) Total amount due for delivered goods or services provided (as stipulated in Special Terms and Conditions #2 above).
- b. The Contractor understands and agrees that an invoice under this Contract shall:
 - (1) only include charges for goods delivered or services provided as described in this Contract and in accordance with payment terms and conditions set forth in Special Terms and Conditions #3;
 - (2) only be submitted for goods delivered or services completed and shall not include any charge for future goods to be delivered or services to be performed;
 - (3) not include Contractor's taxes which includes without limitation Contractor's sales and use tax, excise taxes, franchise taxes, real or personal property taxes, or income taxes; and
 - (4) begin the timeframe for payment (and any discounts) only when the State is in receipt of the invoice, and the invoice meets the minimum requirements of this Special Terms and Conditions #6.

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7. Deductions. The State reserves the right to deduct from amounts, which are or shall become due and payable to the Contractor under this or any contract between the Contractor and the State of Tennessee, any amounts that are or shall become due and payable to the State of Tennessee by the Contractor.
8. Prerequisite Documentation. The Contractor shall not invoice the State under this Contract until the State has received the following, properly completed documentation.
 - a. The Contractor shall complete, sign, and present to the State the "Authorization Agreement for Automatic Deposit Form" provided by the State. By doing so, the Contractor acknowledges and agrees that, once this form is received by the State, payments to the Contractor, under this or any other contract the Contractor has with the State of Tennessee, may be made by ACH; and
 - b. The Contractor shall complete, sign, and return to the State the State-provided W-9 form. The taxpayer identification number on the W-9 form must be the same as the Contractor's Federal Employer Identification Number or Social Security Number referenced in the Contractor's Edison registration information.
9. Reserved
10. Intellectual Property Indemnity. The Contractor agrees to indemnify and hold harmless the State of Tennessee as well as its officers, agents, and employees from and against any and all third party claims or suits which may be brought against the State concerning or arising out of any claim of an alleged patent, copyright, trade secret or other intellectual property infringement in accordance with Section 34(b) (Intellectual Property Indemnification) of the Master Agreement.
11. Additional lines, items, or options. At its sole discretion, the State may make written requests to the Contractor to add lines, items, or options that are needed and within the Scope but were not included in the original Contract. Such lines, items, or options will be added to the Contract through a Memorandum of Understanding ("MOU"), not an amendment.
 - a. After the Contractor receives a written request to add lines, items, or options, the Contractor shall have ten (10) business days to respond with a written proposal. The Contractor's written proposal shall include:
 - 1) The effect, if any, of adding the lines, items, or options on the other goods or services required under the Contract;
 - 2) Any pricing related to the new lines, items, or options;
 - 3) The expected effective date for the availability of the new lines, items, or options; and
 - 4) Any additional information requested by the State.
 - b. The State may negotiate the terms of the Contractor's proposal by requesting revisions to the proposal.
 - c. To indicate acceptance of a proposal, the State will sign it. The signed proposal shall constitute a MOU between the Parties, and the lines, items, or options shall be incorporated into the Contract as if set forth verbatim.
 - d. Only after a MOU has been executed by the State and Contractor shall the Contractor perform or deliver the new lines, items, or options.
12. [Reserved]
13. [Reserved]

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14. Extraneous Terms and Conditions. Contractor shall fill all orders submitted by the State under this Contract. Except as allowed by the Master Agreement or this Contract, no purchase order, invoice, or other documents associated with any sales, orders, or supply of any good or service under this Contract shall contain any terms or conditions other than as set forth in the Contract. Any such extraneous terms and conditions shall be void, invalid and unenforceable against the State except as allowed by the Master Agreement or this Contract and agreed to in writing signed by the parties.
15. Other Requirements.
- a. Minimum Requirements
- (1) The Contractor and all data centers used by the Contractor to host State data, including those of all Subcontractors, must comply with the State's Enterprise Information Security Policies as amended periodically. The State's Enterprise Information Security Policies document is found at the following URL:
<https://www.tn.gov/finance/strategic-technology-solutions/strategic-technology-solutions/sts-security-policies.html>.
- (2) The Contractor agrees to maintain the Application so that it will run on a current, manufacturer-supported Operating System. "Operating System" shall mean the software that supports a computer's basic functions, such as scheduling tasks, executing applications, and controlling peripherals.
- (3) If the Application requires middleware or database software, Contractor shall maintain middleware and database software versions that are at all times fully compatible with current versions of the Operating System and Application to ensure that security vulnerabilities are not introduced.
16. Prohibited Advertising or Marketing. The Contractor shall not suggest or imply in advertising or marketing materials that Contractor's goods or services are endorsed by the State. The restrictions on Contractor advertising or marketing materials under this Section shall survive the termination of this Contract.
17. Public Accountability. If the Contractor is subject to Tenn. Code Ann. §§ 8-4-401, *et seq.*, or if this Contract involves the provision of services to citizens by the Contractor on behalf of the State, the Contractor agrees to establish a system through which recipients of services may present grievances about Contractor's operation of the service program. The Contractor shall also display in a prominent place, located near the passageway through which the public enters in order to receive contract-supported services, a sign at least eleven inches (11") in height and seventeen inches (17") in width stating the following:

NOTICE: THIS AGENCY IS A RECIPIENT OF TAXPAYER FUNDING. IF YOU OBSERVE AN AGENCY DIRECTOR OR EMPLOYEE ENGAGING IN ANY ACTIVITY THAT YOU CONSIDER TO BE ILLEGAL, IMPROPER, OR WASTEFUL, PLEASE CALL THE STATE COMPTROLLER'S TOLL-FREE HOTLINE: 1-800-232-5454

The sign shall be of the form prescribed by the Comptroller of the Treasury. The contracting state agency shall request copies of the sign from the Comptroller of the Treasury and provide signs to contractors.

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18. Contractor Commitment to Diversity. The Contractor shall comply with and make reasonable business efforts to exceed the commitment to diversity represented by the Contractor's Response to Attachment B: Diversity Letter and resulting in this Contract.

The Contractor shall assist the State in monitoring the Contractor's performance of this commitment by providing, as requested, a monthly report of participation in the performance of this Contract by small business enterprises and businesses owned by minorities, women, service-disabled veterans, and persons with disabilities. Such reports shall be provided to the State of Tennessee Governor's Office of Diversity Business Enterprise in the TN Diversity Software available online at:
<https://tn.diversitysoftware.com/FrontEnd/StartCertification.asp?TN=tn&XID=9810>

19. Unencumbered Personnel. The Contractor shall not restrict its employees, agents, subcontractors or principals who perform services for the State under this Contract from performing the same or similar services for the State after the termination of this Contract, either as a State employee, an independent contractor, or an employee, agent, subcontractor or principal of another contractor with the State.
20. Personally Identifiable Information. While performing its obligations under this Contract, Contractor may have access to Personally Identifiable Information held by the State ("PII"). For the purposes of this Contract, "PII" includes "Nonpublic Personal Information" as that term is defined in Title V of the Gramm-Leach-Bliley Act of 1999 or any successor federal statute, and the rules and regulations thereunder, all as may be amended or supplemented from time to time ("GLBA") and personally identifiable information and other data protected under any other applicable laws, rule or regulation of any jurisdiction relating to disclosure or use of personal information ("Privacy Laws"). Contractor agrees it shall not do or omit to do anything which would cause the State to be in breach of any Privacy Laws. Contractor shall, and shall cause its employees, agents and representatives to: (i) keep PII confidential and may use and disclose PII only as necessary to carry out those specific aspects of the purpose for which the PII was disclosed to Contractor and in accordance with this Contract, GLBA and Privacy Laws; and (ii) implement and maintain appropriate technical and organizational measures regarding information security to: (A) ensure the security and confidentiality of PII; (B) protect against any threats or hazards to the security or integrity of PII; and (C) prevent unauthorized access to or use of PII. Contractor shall without undue delay notify State: (1) of any disclosure or use of any PII by Contractor or any of its employees, agents and representatives in breach of this Contract; and (2) of any disclosure of any PII to Contractor or its employees, agents and representatives where the purpose of such disclosure is not known to Contractor or its employees, agents and representatives. The State reserves the reasonable right to review Contractor's applicable policies and procedures used to maintain the security and confidentiality of PII and Contractor shall, and cause its employees, agents and representatives to, comply with all reasonable requests or directions from the State to enable the State to verify or ensure that Contractor is in full compliance with its obligations under this Contract in relation to PII. Upon termination or expiration of the Contract or at the State's direction at any time in its sole discretion, whichever is earlier, Contractor shall without undue delay return to the State any and all PII which it has received under this Contract and, unless otherwise required by applicable law, shall destroy all records of such PII.

The Contractor shall report to the State any instances of unauthorized access to or potential disclosure of PII in the custody or control of Contractor ("Unauthorized Disclosure") that come to the Contractor's attention. Any such report shall be made by the Contractor within forty-eight (48) hours after the Unauthorized Disclosure has come to the attention of the Contractor. Contractor shall take all necessary measures to halt any further Unauthorized Disclosures. The Contractor, at the sole discretion of the State, shall provide no cost credit monitoring services for individuals whose PII was affected by an

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Unauthorized Disclosure found to have been due to an act or omission of the Contractor. The Contractor shall bear the cost of notification to all individuals affected by an Unauthorized Disclosure found to have been due to an act or omission of the Contractor, including individual letters and public notice. The remedies set forth in this Section are not exclusive and are in addition to any claims or remedies available to this State under this Contract or otherwise available at law. The obligations set forth in this Section shall survive the termination of this Contract.

21. Statewide Contract. This Contract establishes a source or sources of supply for all Tennessee State Agencies. "Tennessee State Agency" refers to the various departments, institutions, boards, commissions, and agencies of the executive branch of government of the State of Tennessee with exceptions as addressed in Tenn. Comp. R. & Regs. 0690-03-01-.01. The Contractor shall provide all goods or services and deliverables as required by this Contract to all Tennessee State Agencies. The Contractor shall make this Contract available to the following entities, who are authorized to and who may purchase off of this Statewide Contract ("Authorized Users"):
- a. all Tennessee State governmental entities (this includes the legislative branch; judicial branch; and, commissions and boards of the State outside of the executive branch of government);
 - b. Tennessee local governmental agencies;
 - c. members of the University of Tennessee or Tennessee Board of Regents systems;
 - d. any private nonprofit institution of higher education chartered in Tennessee; and,
 - e. any corporation which is exempted from taxation under 26 U.S.C. Section 501(c) (3), as amended, and which contracts with the Department of Mental Health and Substance Abuse to provide services to the public (Tenn. Code Ann. § 33-2-1001).

These Authorized Users may utilize this Contract by purchasing directly from the Contractor according to their own procurement policies and procedures. The State is not responsible or liable for the transactions between the Contractor and Authorized Users.

22. Statewide Contract Reports. All reports shall be submitted electronically in Microsoft Excel format. Reports shall include the ability to sort or summarize data in accordance with the Contract Administrator's specifications. All reports shall be provided at no additional cost to the State.

Quarterly Reports: Contractor(s) will submit quarterly reports to the Contract Administrator no later than ten (10) days after the end of the State's quarter (e.g. a fiscal year quarter 2 report for October - December is due no later than January 10th). At the Contract Administrator's sole discretion, the State may extend the time allowed to complete quarterly reports. Quarterly reports shall provide statistical data on all purchases under this Contract by Tennessee State Agencies and Authorized Users. At minimum, the quarterly report's statistical data shall be detailed and broken down by line item to include:

1. Edison contract number
2. Contract line item number
3. Invoice date
4. Invoice number
5. Supplier part number
6. Item or bundle description
7. Quantity purchased
8. Unit of measure
9. Unit of measure description
10. Name of State Agency or Authorized User
11. Identity of purchaser: State entity or non-State entity
12. State Agency location
13. Unit/Contract price per line item

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14. List price as listed in supplier's catalog if catalog item
15. Subtotals for each category above
16. Grand totals for each category above

Custom Reports: When requested by the State, the Contractor shall submit custom reports to the Contract Administrator within thirty (30) days of the request.

23. Survival. The terms, provisions, representations, and warranties contained in this Contract which by their sense and context are intended to survive the performance and termination of this Contract, shall so survive the completion of performance and termination of this Contract.
24. Inspection and Acceptance. The State shall have the right to inspect all goods or services provided by Contractor under this Contract. If, upon inspection, the State determines that the goods or services are Defective, the State shall notify Contractor, and Contractor shall re-deliver the goods or provide the services at no additional cost to the State. If after a period of thirty (30) days following delivery of goods or performance of services the State does not provide a notice of any Defects, the goods or services shall be deemed to have been accepted by the State.
25. Term of Contract. This Contract shall be effective for the period beginning on February 1, 2024 ("Effective Date") and ending on June 30, 2025. The State shall have no obligation for goods or services provided by the Contractor prior to the Effective Date.
26. Renewal Options. This Contract may be renewed upon satisfactory completion of the Term. The State reserves the right to execute up to two (2) renewal options under the same terms and conditions for a period not to exceed twelve (12) months each by the State, at the State's sole option. In no event, however, shall the maximum Term, including all renewals or extensions, exceed a total of sixty (60) months.
27. Term Extension. The State may extend the Term an additional period of time, not to exceed one hundred-eighty (180) days beyond the expiration date of this Contract, under the same terms and conditions, at the State's sole option. In no event, however, shall the maximum Term, including all renewals or extensions, exceed a total of sixty (60) months.
28. [Reserved] Warranty. See section 21 of the Master Agreement. The applicable warranty period shall be specified on the applicable quote or order.
29. State and Federal Compliance. The Contractor shall comply with all State and federal laws and regulations applicable to Contractor in the Contractor's performance of this Contract.
30. Administrative Fees. The Contractor shall pay the State an Administrative Fee of one (1) percent (1.0% or 0.01) in accordance with the Terms and Conditions of the Master Agreement no later than 60 days following the end of each calendar quarter. The State's Administrative Fee shall be submitted quarterly and is based on sales of products and services (less any charges for taxes or shipping).

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Period End	Admin Fee Due
March 31	May 31
June 30	August 31
September 30	November 30
December 31	February 28

The administrative fee shall be submitted to the following address:

Michael Winston, Director of Financial Management
Department of General Services
W.R. Snodgrass TN. Tower 22 Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

LETTER OF DIVERSITY COMMITMENT

Lenovo (United States) Inc.
8001 Development Drive, Morrisville, NC 27560
1/25/2024

State of Tennessee,

Lenovo (United States) Inc. is committed to achieving or surpassing a goal of 0% percent spend with certified diversity business enterprise firms on State of Tennessee contract # (Edison document #). Diversity businesses are defined as those that are owned by minority, women, service-disabled veterans, businesses owned by persons with disabilities, and small businesses which are certified by the Governor's Office of Diversity Business Enterprise (Go-DBE).

We confirm our commitment of (percentage) participation on the (Contract) by using the following Diversity businesses:

- (i) Name and ownership characteristics (i.e., ethnicity, gender, service-disabled veteran, or disability) of anticipated diversity subcontractors and suppliers:

N/A

- (ii) Participation estimates (expressed as a percent of the total contract value to be dedicated to diversity subcontractors and suppliers):

0 %.

- (iii) Description of anticipated services to be performed by diversity subcontractors and suppliers:

N/A

We accept that our commitment to diversity advances the State's efforts to expand opportunity of diversity businesses to do business with the State as contractors and sub-contractors.

Further, we commit to:

1. Using applicable reporting tools that allow the State to track and report purchases from businesses owned by minority, women, service-disabled veterans, businesses owned by persons with disabilities, and small businesses.
2. Reporting monthly to the Go-DBE office the dollars spent with certified diversity businesses owned by minority, women, service-disabled veterans, businesses owned by persons with disabilities, and small business accomplished under contract # (Edison number).

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Lenovo (United States) Inc. is committed to working with the Go-DBE office to accomplish this goal.

Regards,



Anthony Pichardo
Executive Director

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Between STATE OF TENNESSEE and Lenovo (United States) Inc.

ATTACHMENT C

ATTESTATION RE PERSONNEL USED IN CONTRACT PERFORMANCE

SUBJECT CONTRACT NUMBER:	81353
CONTRACTOR LEGAL ENTITY NAME:	Lenovo (United States) Inc.
EDISON VENDOR IDENTIFICATION NUMBER:	152364

The Contractor, identified above, does hereby attest, certify, warrant, and assure that the Contractor shall not knowingly utilize the services of an illegal immigrant in the performance of this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant in the performance of this Contract.



CONTRACTOR SIGNATURE

NOTICE: This attestation MUST be signed by an individual empowered to contractually bind the Contractor. Attach evidence documenting the individual's authority to contractually bind the Contractor, unless the signatory is the Contractor's chief executive or president.

Anthony Pichardo, Executive Director

PRINTED NAME AND TITLE OF SIGNATORY

1/25/24

DATE OF ATTESTATION

***NASPO COMPUTER EQUIPMENT, PERIPHERALS
& RELATED SERVICES SWC3014***
[Insert Requesting State Agency name]
Statement of Work



For

[Insert Project Title]

[Insert Planview Work ID - Sequential #]

[Date]

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1.0 Statement of Work

1.1 Project Title

This Statement of Work (SOW) is being executed between *[insert Contractor name]* ("Contractor") and *[insert Agency]* ("Agency" or "Purchasing Entity") for *[insert a brief description of the project]*, effective as of *[insert Effective Date]* (the "SOW Effective Date").

This Statement of Work (SOW) constitutes an Order under that certain *[Contract or Participating Addendum]* between *[contractor name]* and the State of Tennessee, *[contract name and number]*, (the "Contract") and incorporates by reference the terms and conditions, specifications, and other incorporated contract documents of the Contract. In case of any conflict between this SOW and the Contract, the Contract shall prevail.

1.2 Background

- *Describe the history of your project and the prior events that brought you to this SOW*

1.3 Reference to other applicable documents

The following documents are hereby incorporated by reference into this SOW:

- *List any pertinent documents or supporting materials pertaining to the SOW, if any, otherwise write "None".*

2.0 Agency Staffing and Roles

2.1 Staffing

Project Manager – Agency

The Agency's Project Manager is:

Name:

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Address:

City:

State & Zip

Phone:

Cell:

Fax:

Email:

Insert contact information for any additional relevant staff.

2.2 Agency Staff and Roles

- *Who within the agency will have decision-making authority, including approval of changes, report, documentation and deliverables?*
- *State agency staff (if any) to assist with the project effort*
- *Individuals key to the project and detail their roles and responsibilities*

3.0 Project Requirements and Deliverables

3.1 Requirements

Describe:

- *Tasks to be performed and any additional Contractor qualifications for specialized projects*
- *Any known non-standard work schedule tasks*
- *Location(s) where project work is required to be performed or may be performed, including the use of onsite, offsite, and offshore resources at the procuring State agency's discretion*
- *Include tasks that do not result in specific deliverables (i.e. project management)*
- *Include any security requirements from Special Terms and Conditions, Section 13 of the Contract that are applicable to this SOW.*

3.2 Agency Tasks and Responsibilities

- *Include tasks to be performed by the agency*
- *Precise definition of all hardware, software, data services, and facilities the agency will provide*

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3.3 Deliverables

Describe the Deliverables to be provided under this SOW, including the estimated delivery dates. If no Deliverables, state "none."

3.4 Exclusions

Describe:

- *Tasks which are not part of the scope of this project*

4.0 Cost Criteria

4.1 Payment Methodology

Describe the payment methodology and the associated charges applicable to this SOW. Pricing must reflect the original terms of the State contract.

4.2 SOW Monetary Cap

Check one of the following to apply to this SOW:

- This SOW is a fixed fee SOW. The total charges under this SOW are [_____] dollars (\$____) [*specify SOW monetary cap*] for the performance of the work as set forth in this SOW.
- This SOW is a time and materials SOW. The total charges under this SOW are [_____] dollars (\$____) [*specify SOW monetary cap*] for the performance of the work as set forth in this SOW (the "SOW NTE Amount"). The Agency shall compensate the Contractor for actual work performed, in an amount not to exceed the SOW NTE Amount. The Agency shall not be obligated to pay for, and the Contractor shall not be obligated to perform, work under this SOW in excess of the SOW NTE Amount unless and until the parties execute a written amendment to this SOW to increase such SOW NTE Amount.

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- This SOW is a consumption-based SOW. The estimated charges under this SOW are [_____] dollars (\$____) [specify SOW estimated budget]. For clarity, the terms of this SOW and the Contract will continue to apply to any Cloud Services provided in excess of the specified estimated charges.

4.3 State Agency Billing Address

Insert the applicable State Agency billing address.

5.0 Deliverable Acceptance

Define the process for submitting, approving and rejecting deliverables (including testing dates and scenarios)

6.0 Estimated Timeline and Period of Performance

Project must begin no later than [Month, Year] and be completed by [Month, Year].

7.0 Project Management (if applicable)

Describe what will be required as far as project management, which reports will be required, how often these reports will be required, and what must be submitted to the State procuring agency.

8.0 Additional State Policies and Standards

Specifically reference any additional state policies and standards that would apply, to the extent applicable to Contractor in its performance of the work under the Order. If none, write "none".

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- *Insert any other relevant links to the latest versions of the policies, standards and environment*

9.0 Key Assumptions

Identify any additional agency or contractor assumptions

If additional sections are required for your specific project, please leave the above section numbering as it is and add your new sections here as 10.0, 11.0 etc.

This SOW will not be effective, and Contractor shall not commence services hereunder, until it is approved and signed by Contractor and the Participating Entity.

In witness whereof, the parties have executed this SOW as of the last date of execution of the signatories below.

<i>[Insert State Purchasing Agency]</i>	<i>[Contractor Name]</i>
Signature:	Signature:
Name:	Name:
Title:	Title:
Date:	Date:

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Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

ATTACHMENT E

Participating Entity Product and Service Exclusions and Clarifications

- 1) Software that can be purchased from another statewide contract should not be purchased on this contract.
- 2) Contractors may offer limited professional services related ONLY to the equipment and configuration of the equipment purchased through the resulting contracts.
- 3) In the event replacement Hardware is needed due to defects in material and/or workmanship, the Contractor shall either replace the non-functional Hardware with new Hardware or refurbished/reconditioned/remanufactured Hardware at the discretion of the State. If the State elects to receive refurbished/reconditioned/remanufactured Hardware, then the Contractor shall credit the invoice for the applicable Order in an amount equal to the difference in cost between the new Hardware and the refurbished/reconditioned/remanufactured Hardware.

**Participating Addendum Number 81353 for
NASPO COMPUTER EQUIPMENT, PERIPHERALS & RELATED SERVICES**
Between **STATE OF TENNESSEE** and **Lenovo (United States) Inc.**

[Reserved]

ATTACHMENT F

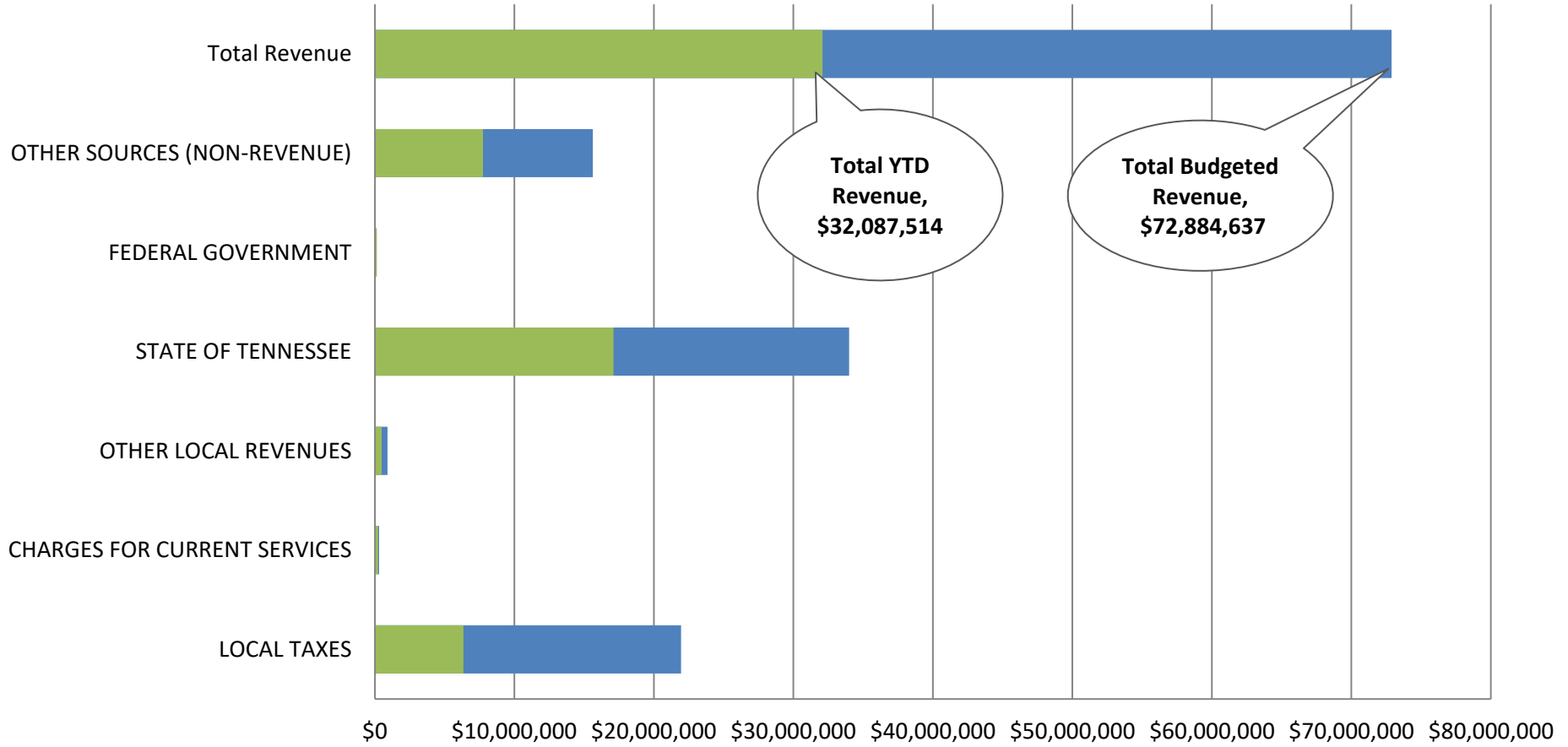
Acct	Acct	2024-25 FYTD Budget	December 2024-25 Monthly Activity	2024-25 Year-To-Date	2024-25 Percent of Budget	2024-25 Variance from Bud	Encumbered Amount	Unencumbered Budget Remaining
40110	Current Property Tax	13,189,000.00	842,864.12	2,337,293.72	17.72%	10,851,706.28		10,851,706.28
40210	Local Option Sales Tax	8,765,000.00	679,948.04	4,010,155.15	45.75%	4,754,844.85		4,754,844.85
40275	Mixed Drink Tax	350.00	48.83	377.26	107.79%	-27.26		-27.26
43511	Tuition - Regular Day Students	300,000.00	16,566.96	239,779.91	79.93%	60,220.09		60,220.09
43533	Transportation Fees	3,000.00	345.00	1,765.99	58.87%	1,234.01		1,234.01
44110	Interest Earned	600,000.00	72,537.56	437,128.85	72.85%	162,871.15		162,871.15
44120	Lease/Rentals	12,000.00	12,750.00	14,760.75	123.01%	-2,760.75		-2,760.75
44170	Miscellaneous Refunds	5,500.00	5,850.10	7,027.10	127.77%	-1,527.10		-1,527.10
44530	Sale of Equipment	25,000.00	1,249.99	6,983.18	27.93%	18,016.82		18,016.82
44570	Contributions & Gifts	223,992.94		9,049.94	4.04%	214,943.00		214,943.00
44990	Other Local Revenues	40,000.00		14,810.99	37.03%	25,189.01		25,189.01
46510	TN Investment in Student Achv	32,700,000.00	3,704,364.17	16,747,410.67	51.22%	15,952,589.33		15,952,589.33
46515	Early Childhood Education	644,980.71	42,700.16	166,368.82	25.79%	478,611.89		478,611.89
46596	Paid Parental Leave	100,000.00				100,000.00		100,000.00
46610	Career Ladder Program	76,000.00		42,144.68	55.45%	33,855.32		33,855.32
46790	Other Vocational	225,622.41	6,915.40	47,356.31	20.99%	178,266.10		178,266.10
46980	Other State Grants	248,476.94		91,026.30	36.63%	157,450.64		157,450.64
46990	Other State Revenues		12,607.94	12,607.94		-12,607.94		-12,607.94
47590	Other Federal Through State			91,316.97		-91,316.97		-91,316.97
47630	Public Law 874 - Maint/Operat.	20,000.00	33,388.00	33,388.00	166.94%	-13,388.00		-13,388.00
47640	ROTC Reimbursement	78,310.00		19,577.56	25.00%	58,732.44		58,732.44
49700	Insurance Recovery	8,441.00		5,941.00	70.38%	2,500.00		2,500.00
49800	Transfers In	125,000.00	4,261.53	4,261.53	3.41%	120,738.47		120,738.47
49810	City General Fund Transfer	15,493,963.00	1,291,163.58	7,746,981.48	50.00%	7,746,981.52		7,746,981.52
-----	Revenue	72,884,637.00	6,727,561.38	32,087,514.10	44.03%	40,797,122.90		40,797,122.90
		=====	=====	=====	=====	=====		=====
71100	Regular Instruction Prgm	32,103,376.00	2,604,252.38	13,494,455.38	42.03%	18,608,920.62	16,826,068.28	1,782,852.34
71150	Alternative Instruction Prgm	937,527.00	80,042.11	392,040.03	41.82%	545,486.97	517,671.84	27,815.13
71200	Special Education Prgm	5,970,581.00	484,404.53	2,407,509.75	40.32%	3,563,071.25	3,151,700.61	411,370.64
71300	Career/Technical Education Prg	2,406,352.41	197,338.00	989,658.01	41.13%	1,416,694.40	1,145,956.31	270,738.09
71900	Contingency	751,115.97				751,115.97		751,115.97
72120	Health Services	832,180.00	71,368.86	384,224.26	46.17%	447,955.74	391,406.24	56,549.50
72130	Other Student Support	2,066,981.00	156,387.32	913,112.32	44.18%	1,153,868.68	954,678.85	199,189.83
72210	Regular Inst. Support	5,151,689.00	320,014.01	1,823,559.36	35.40%	3,328,129.64	1,566,758.78	1,761,370.86
72220	Special Education Support	976,906.00	67,231.80	365,669.81	37.43%	611,236.19	460,307.29	150,928.90
72230	Career & Technical Prg Support	280,705.77	18,513.05	113,282.77	40.36%	167,423.00	109,837.01	57,585.99
72250	Technology Services	3,004,493.90	217,202.77	1,568,179.13	52.19%	1,436,314.77	1,061,058.64	375,256.13
72260	Adult Programs	30,221.00	3,668.14	17,602.33	58.25%	12,618.67	23,536.73	-10,918.06

Acct	Acct	2024-25 FYTD Budget	December 2024-25 Monthly Activity	2024-25 Year-To-Date	2024-25 Percent of Budget	2024-25 Variance from Bud	2024-25 Encumbered Amount	Unencumbered Budget Remaining
72290	Communications	232,729.75	35,151.04	128,779.71	55.33%	103,950.04	110,966.97	-7,016.93
72310	Board of Education	1,308,649.00	91,087.28	671,838.52	51.34%	636,810.48	5,183.40	631,627.08
72320	Director of Schools	409,022.00	32,893.12	204,481.34	49.99%	204,540.66	195,496.49	9,044.17
72410	Office of the Principal	4,506,336.50	392,604.26	2,275,029.70	50.49%	2,231,306.80	2,249,582.56	-18,275.76
72510	Fiscal Services	1,078,828.00	85,986.94	507,708.68	47.06%	571,119.32	489,645.91	81,473.41
72520	Human Resources/ Personnel	511,168.00	39,023.12	266,480.40	52.13%	244,687.60	207,658.24	37,029.36
72610	Operation of Plant	5,263,655.28	340,870.13	2,357,232.89	44.78%	2,906,422.39	1,293,016.90	1,613,405.49
72620	Maintenance of Plant	2,270,830.66	178,593.87	1,124,463.35	49.52%	1,146,367.31	779,490.09	366,877.22
72710	Transportation	2,042,805.00	131,381.93	720,329.94	35.26%	1,322,475.06		1,322,475.06
73400	Early Childhood Education	453,803.12	35,567.54	175,256.48	38.62%	278,546.64	240,381.63	38,165.01
73401	Pre-K General Fund	921,939.00	83,732.36	408,474.91	44.31%	513,464.09	390,099.54	123,364.55
76100	Regular Capital Outlay	2,064,049.47	35,605.97	630,116.49	30.53%	1,433,932.98	2,138,851.57	-704,918.59
82130	Education Principal on Debt	6,877.00	6,877.00	6,877.00	100.00%			
82230	Education Interest on Debt	123.00	123.00	123.00	100.00%			
99100	Transfers Out	126,015.17				126,015.17		126,015.17
-----	Expense	75,708,960.00	5,709,920.53	31,946,485.56	42.20%	43,762,474.44	34,309,353.88	9,453,120.56
-----	General Purpose School Fund	-2,824,323.00	1,017,640.85	141,028.54	43.09%	-2,965,351.54	-34,309,353.88	31,344,002.34
	Grand Revenue Totals	72,884,637.00	6,727,561.38	32,087,514.10	44.03%	40,797,122.90		40,797,122.90
	Grand Expense Totals	75,708,960.00	5,709,920.53	31,946,485.56	42.20%	43,762,474.44	34,309,353.88	9,453,120.56
	Grand Totals	2,824,323.00	1,017,640.85	141,028.54	-4.99%	2,965,351.54	34,309,353.88	31,344,002.34
		Loss	Profit	Profit		Loss	Loss	Profit

Number of Accounts: 1334

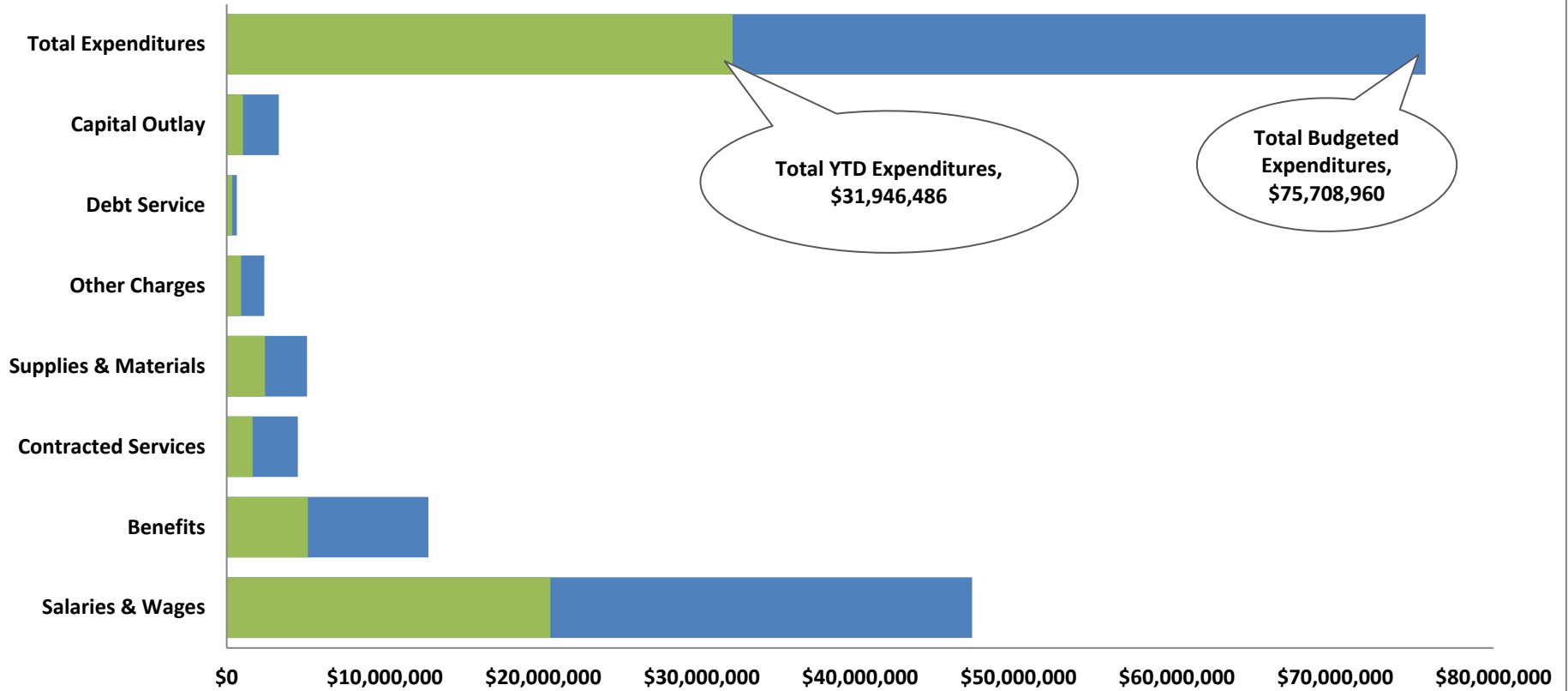
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General Fund Revenue Budget to Actual Summary - December, 2024



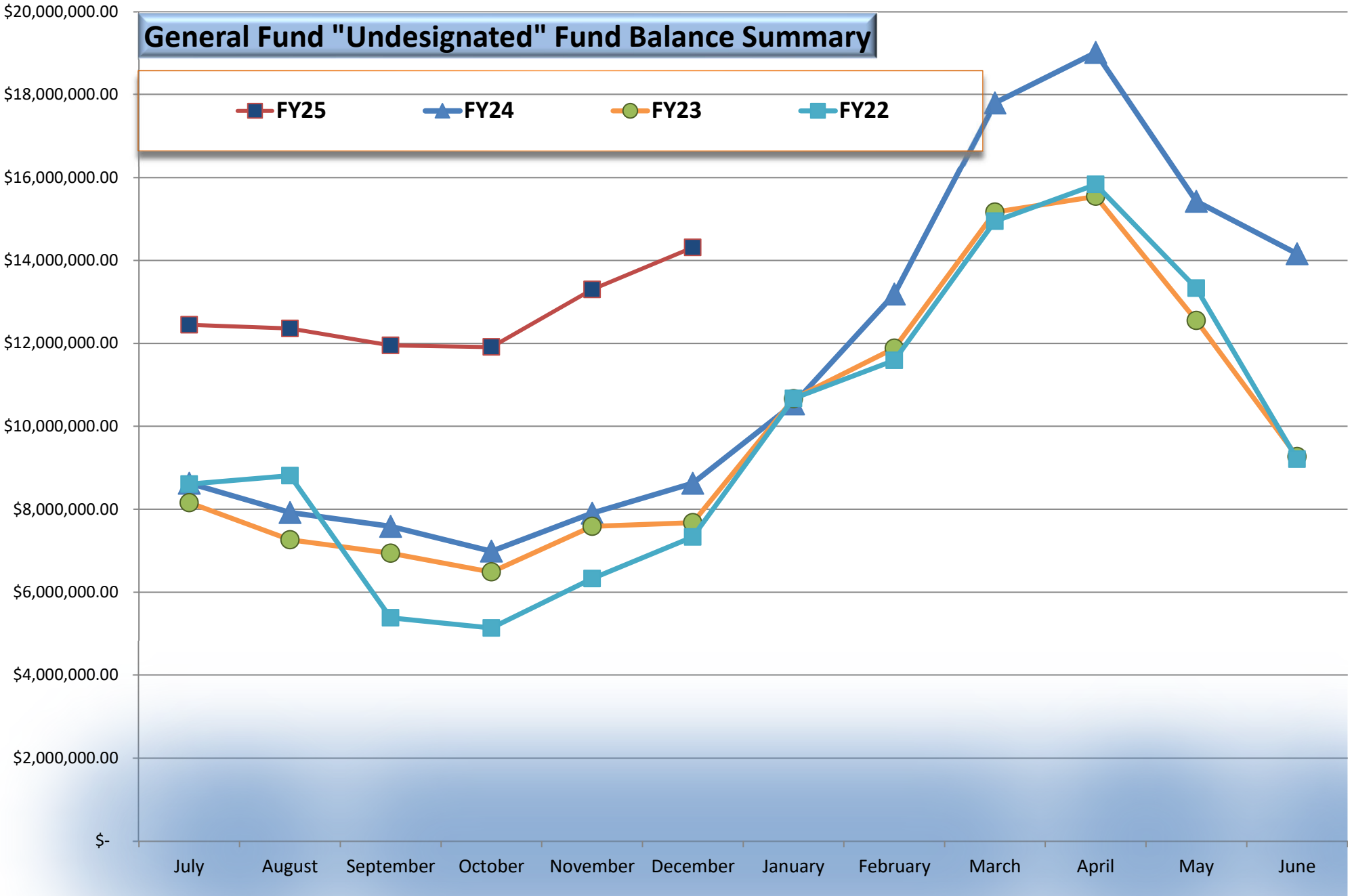
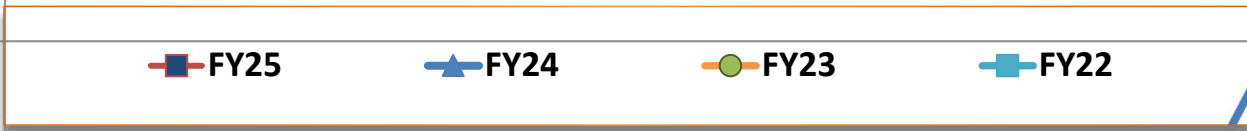
	LOCAL TAXES	CHARGES FOR CURRENT SERVICES	OTHER LOCAL REVENUES	STATE OF TENNESSEE	FEDERAL GOVERNMENT	OTHER SOURCES (NON-REVENUE)	Total Revenue
■ Percent of Budget	28.91%	79.72%	54.03%	50.32%	146.76%	49.64%	44.03%
■ Year-To-Date	6,347,826.13	241,545.90	489,760.81	17,106,914.72	144,282.53	7,757,184.01	\$32,087,514
■ FYTD Budget	21,954,350.00	303,000.00	906,492.94	33,995,080.06	98,310.00	15,627,404.00	\$72,884,637

General Fund Expenditure Budget to Actual Summary by Object December, 2024



	Salaries & Wages	Benefits	Contracted Services	Supplies & Materials	Other Charges	Debt Service	Capital Outlay	Total Expenditures
FYTD %	43.42%	40.29%	36.42%	47.83%	38.63%	55.42%	31.27%	42.20%
FYTD Activity	20,441,292.06	5,131,185.48	1,639,765.46	2,426,190.28	918,667.22	357,000.00	1,032,385.06	\$31,946,486
FYTD Revised Bdgt	47,073,564.08	12,736,942.04	4,502,113.31	5,077,692.08	2,378,298.96	644,205.00	3,296,144.53	\$75,708,960

General Fund "Undesignated" Fund Balance Summary



Acct	Acct	2024-25 FYTD Budget	December 2024-25 Monthly Activity	2024-25 Year-To-Date	2024-25 Percent of Budget	2024-25 Variance from Bud	Encumbered Amount	Unencumbered Balance Remaining
142	School Federal Projects							
R	Revenue							
47131	Vocational Program Improvement	132,897.49	9,903.62	92,804.58	69.83%	40,092.91		40,092.91
47141	Title I	938,811.79	72,812.17	299,740.48	31.93%	639,071.31		639,071.31
47143	Special Education Grants	1,449,817.71	102,069.05	405,748.64	27.99%	1,044,069.07		1,044,069.07
47145	Special Ed Pre-School Grants	63,013.67	2,614.86	9,151.16	14.52%	53,862.51		53,862.51
47146	English Lang Acq Grants	39,882.34	3,982.66	18,126.59	45.45%	21,755.75		21,755.75
47147	Title IV Part B, 21st Century	118,750.00	12,509.09	31,865.20	26.83%	86,884.80		86,884.80
47189	Title II	278,908.65	12,471.72	59,773.69	21.43%	219,134.96		219,134.96
47307	COVID-19 Grant B	3,250.00				3,250.00		3,250.00
47309	COVID-19 Grant D	87,800.00	18,294.46	18,294.46	20.84%	69,505.54		69,505.54
47401	ESSER 3.0	168,353.98	40,522.51	168,353.98	100.00%			
47404	ARP Homeless Grant	36,243.11		5,559.50	15.34%	30,683.61		30,683.61
47590	Other Federal Through State	449,271.26	27,363.85	74,113.62	16.50%	375,157.64		375,157.64
47990	Other Direct Fedral Revenue	1,050,440.00	29,031.90	311,754.25	29.68%	738,685.75		738,685.75
-----	Revenue	4,817,440.00	331,575.89	1,495,286.15	31.04%	3,322,153.85		3,322,153.85
E	Expense							
71100	Regular Instruction Prgm	736,231.42	65,929.09	331,363.29	45.01%	404,868.13	372,336.19	32,531.94
71200	Special Education Prgm	1,135,098.85	83,964.31	392,242.36	34.56%	742,856.49	569,687.28	173,169.21
71300	Career/Technical Education Prg	107,263.00	4,750.32	90,029.42	83.93%	17,233.58	13,183.58	4,050.00
71900	Contingency	104,635.87				104,635.87		104,635.87
72120	Health Services	16,497.11	2,625.46	4,360.74	26.43%	12,136.37		12,136.37
72130	Other Student Support	317,005.44	31,310.93	192,390.91	60.69%	124,614.53	94,692.61	29,921.92
72210	Regular Inst. Support	659,135.12	32,138.64	235,511.88	35.73%	423,623.24	155,926.03	267,697.21
72220	Special Education Support	368,994.08	30,418.14	165,914.22	44.96%	203,079.86	181,716.12	21,363.74
72230	Career & Technical Prg Support	2,500.00	330.21	930.23	37.21%	1,569.77		1,569.77
72250	Technology Services	27,139.99	8,474.15	24,472.04	90.17%	2,667.95		2,667.95
72710	Transportation	11,466.00	875.06	3,953.60	34.48%	7,512.40	520.00	6,992.40
73100	Food Service	2,000.00				2,000.00	2,000.00	
73300	Community Services	1,162,125.00	111,282.34	538,491.27	46.34%	623,633.73	516,577.64	107,056.09
99100	Transfers Out	167,348.12	4,261.53	4,261.53	2.55%	163,086.59		163,086.59
-----	Expense	4,817,440.00	376,360.18	1,983,921.49	41.18%	2,833,518.51	1,906,639.45	926,879.06

Acct	Acct	2024-25 FYTD Budget	December 2024-25 Monthly Activity	2024-25 Year-To-Date	2024-25 Percent of Budget	2024-25 Variance from Bud	Encumbered Amount	Unencumbered Balance Remaining
145	Other Education Funds							
R	Revenue							
44990	Other Local Revenues	35,000.00	5,843.60	20,418.60	58.34%	14,581.40		14,581.40
49800	Transfers In	124,434.00				124,434.00		124,434.00
-----	Revenue	159,434.00	5,843.60	20,418.60	12.81%	139,015.40		139,015.40
E	Expense							
73300	Community Services	159,434.00	12,159.35	72,967.98	45.77%	86,466.02	2,500.00	83,966.02
-----	Expense	159,434.00	12,159.35	72,967.98	45.77%	86,466.02	2,500.00	83,966.02
-----	Other Education Funds		-6,315.75	-52,549.38	29.29%	52,549.38	-2,500.00	55,049.38
=====								
146	Extended School Program							
R	Revenue							
43581	Community Services Fees Child	497,695.00	39,449.00	273,023.85	54.86%	224,671.15		224,671.15
-----	Revenue	497,695.00	39,449.00	273,023.85	54.86%	224,671.15		224,671.15
E	Expense							
73300	Community Services	495,592.00	37,319.56	216,947.68	43.78%	278,644.32	168,461.47	110,182.85
99100	Transfers Out	10,000.00				10,000.00		10,000.00
-----	Expense	505,592.00	37,319.56	216,947.68	42.91%	288,644.32	168,461.47	120,182.85
-----	Extended School Program	-7,897.00	2,129.44	56,076.17	48.84%	-63,973.17	-168,461.47	104,488.30
=====								

<u>Acct</u>	<u>Acct</u>	<u>2024-25</u>	<u>December 2024-25</u>	<u>2024-25</u>	<u>2024-25</u>	<u>2024-25</u>	<u>Encumbered</u>	<u>Unencumbered</u>
		<u>FYTD Budget</u>	<u>Monthly Activity</u>	<u>Year-To-Date</u>	<u>Percent of Budget</u>	<u>Variance from Bud</u>	<u>Amount</u>	<u>Balance Remaining</u>
	Grand Revenue Totals	8,018,841.00	615,133.94	2,910,477.79	36.30%	5,108,363.21		5,108,363.21
	Grand Expense Totals	8,808,756.45	676,264.92	3,431,171.62	38.95%	5,377,584.83	2,157,195.45	3,220,389.38
	Grand Totals	789,915.45	61,130.98	520,693.83	65.92%	269,221.62	2,157,195.45	1,887,973.83
		Loss	Loss	Loss		Loss	Loss	Profit

Number of Accounts: 396

***** End of report *****

Combined Fund Balance and YTD Operating Statement Summary

December, 2024

Description	General Fund 141	Federal Fund 142	Food Service Fund 143	Special Fund 145	ECC Fund 146
Beginning Fund Balance July 1, 2024	20,036,067.15	0.00	1,695,609.24	27,731.99	323,595.26
Plus YTD Revenue per books 12/31/24	32,087,514.10	1,495,286.15	1,121,749.19	20,418.60	273,023.85
Less YTD Expenditures per books 12/31/24	(31,946,485.56)	(1,983,921.49)	(1,157,334.47)	(72,967.98)	(216,947.68)
Revenues Over (Under) Expenditures as of 12/31/24	141,028.54	(488,635.34)	(35,585.28)	(52,549.38)	56,076.17
Ending Fund Balance per books as of 12/31/24	20,177,095.69	(488,635.34)	1,660,023.96	(24,817.39)	379,671.43

Fund Balance Restricted/Committed/Assigned Status

Encumbrances and Deferred Revenue	\$ -		\$ 49,682.06		
Inventory					
Restricted for Career Ladder Program	277.57				
Restricted for Operation of Non-Instructional Services (CCI)	16,200.00		860,341.90		379,671.43
Committed for Other Purposes (Vehicles- ERR Fund)	0.00				
Committed for Other Purposes (Device Replacement)	3,000,000.00				
Assigned for Instruction- Coordinated School Health	3,035.59				
Assigned for other local grants					
Assigned for Instruction - Education Foundation Grant	10,629.84				
Assigned for Instruction (APSI-ORHS)	7,207.22				
Assigned for Support Services FRC Local Funds (56)				-24,817.39	
Nonspendable-Prepaid Expenditures					
Assigned to Balance FY25 Budget	2,824,323.00	0.00	750,000.00		
Unassigned Fund Balance 12/31/24	\$ 14,315,422.47	-488,635.34	0.00	0.00	
Total Fund Balance 12/31/24	\$ 20,177,095.69	\$ (488,635.34)	\$ 1,660,023.96	(\$24,817.39)	\$ 379,671.43