

# The Town of Blair

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## Community Wildfire Protection Plan

AN ACTION PLAN FOR WILDFIRE MITIGATION

DATE: June 2011

Prepared by: Mark Gardner  
Organization: South Western Oklahoma Development Authority (SWODA)  
Contact Information:  
Address P.O. Box 569  
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FAX 580/562-4880



The following report is a cooperative effort between various entities. The representatives listed below comprise the core decision-making team responsible for this report and mutually agree on the plan's contents.

**Community Representative(s):**

Name Blake Roberts, Mayor  
 Address P.O. Box 458, Blair, Ok 73536-0458  
 Phone Number 580/563-2406  
 Other Contact Information [townofblair@lvcisp.com](mailto:townofblair@lvcisp.com)

Name Karri Orick  
 Address PO Box 458, Blair, OK 73536-0458  
 Phone Number 580/563-2406  
 Other Contact Information [townofblair@lvcisp.com](mailto:townofblair@lvcisp.com)

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone Number \_\_\_\_\_  
 Other Contact Information \_\_\_\_\_

**Local Fire Department Representative(s):**

Name Dennis Davis, Fire Chief  
 Address P.O. Box 458, Blair, Ok 73526  
 Phone Number 580/563-2406  
 Other Contact Information [blair814@sbcglobal.net](mailto:blair814@sbcglobal.net)

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone Number \_\_\_\_\_  
 Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone Number \_\_\_\_\_  
 Other Contact Information \_\_\_\_\_

**Local Oklahoma Division of Forestry Representative(s):**

Name Tom Murray, Area Forester  
 Address Box 569, Burns Flat, Ok 73624  
 Phone Number 580/562-4882  
 Other Contact Information 580/331-7319

Name Brian Hall, Staff Forester  
 Address ODAFF, 2800 N. Lincoln Blvd., Oklahoma City, Ok 73105  
 Phone Number 405-521-3264  
 Other Contact Information [Brian.hall@oda.state.ok.us](mailto:Brian.hall@oda.state.ok.us)

The following federal and other interested parties were consulted and involved in the preparation of this report.

Name	Organization
Dennis Davis	Blair Fire Department
Karri Orick	Town of Blair
Susan Armstrong	Town of Blair
Albert Tyner	Blair Fire Department
Mable Logsdon	Peoples State Bank
Tom Murray	OK Forestry Service

# **PLAN CONTENTS**

1. Community Background and Existing Situation
2. Community Base Map and Other Visuals
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## 1) COMMUNITY BACKGROUND AND EXISTING SITUATION

### Community Description:

County: Jackson Latitude/Longitude: 34°46'45"N 99°20'0"W  
 Frontage Road: State Highway 283 Nearest Intersection: Sate Highway 283 & 19  
 Nearest Fire Department (name/location): Blair Fire Department  
 Interface Areas: NE and S part of the City. Year Established: 1901  
 Map #: See page 21, map 2 – interface area.

### Community Size:

Number of Lots: 1167 Number of Structures: 435 - Homes  
 Estimated Acres: 20 Development Status: Residential

### Community Infrastructure:

Home Owners Association/Organization:  Yes  No *If yes, attach a copy of ordinances.*

### Contacts:

Name Dennis Davis, Fire Chief  
 Address P.O. Box 458, Blair, Ok 73526-0458  
 Phone Number 580/563-2406  
 Other Contact Information [blair814@sbcglobal.net](mailto:blair814@sbcglobal.net)

Name Mark Gardner  
 Address P.O. Box 569, Burns Flat, Ok 73624  
 Phone Number 580-562-4882  
 Other Contact Information [markgardner@swoda.org](mailto:markgardner@swoda.org)

### Resident Population: 818 – 2010 Census

Full Time  
 Part-Time:  100-75%  75-50%  50-25%  less than 25%

### Wildfire Hazard Rating: (check one)

Low  Moderate  High  Extreme

Date Evaluated: June 2011 *Attach Community Assessment Form.*

### Community Assessment Highlights (roads, water sources, primary fuel types, utilities and topography)

Located ten miles north of Altus at the intersection of U.S. Highway 283 and State Highways 6 and 19, Blair is situated in northern Jackson County, which was originally part of Old Greer County. This region is known for its rich irrigated cotton land and its early history steeped in stories about the Great Western Trail. In 1876 veteran cowboy Lewis Warren Neatherlin reported about life on the trail and the lush valley near present day Blair.

The town was established August 26, 1901, and the name was changed to Blair. For John A. Blair, an official of the Kansas City, Mexico and Orient Railway, which built a rail line through Blair around 1907? Damaging tornados struck Blair in 1912, 1928, and 1949. The 1928 storm destroyed the school and left hundreds homeless. The town recovered and built a new school with a safe underground shelter. By 1930 Blair had three cotton gins, a grain elevator, and a hotel.

Blair and Altus community leaders worked together to acquire federal funding for an irrigation project which resulted in the Lugert-Altus Irrigation District completed in 1947-48. Cotton, the primary crop, accounts for the area's agricultural prosperity.

### Current Condition

The chances of Blair surviving from a large wildland fire within the city limits are very good. After an assessment of the city as a whole the overall Wildfire Hazard Rating is **89.5** which is a low risk rating. The chance of a majority of homes surviving a wildfire is very **Good**. Contributing factors for the condition of the city includes the fuel reduction work currently being done by the Public Works department and of the residents. Continuing with these projects will ensure the continued success of a **Low Risk** community. Although the City has a low risk of wildfires entering the City limits, some areas of improvements were found. These areas are identified under the High Hazards listed later in the plan.

### Ingress / Egress

*Access:* Primary access to the Town of Blair is by way of US HWY 283 from the North and South which connects to HWY 6 on the North side of town and HWY 19 leading to the East. These three HWY's would be the main ways of access. All three are major highways of hard surface type and are of adequate width for all types of apparatus accessing town as well as residents leaving.

Signage provides good guidance into the Town of Blair from each direction. The entries are well marked and provide all-weather roadways sufficient to handle emergency vehicle access into all areas of Town. Major intersections and secondary roads are marked with post type signs.

*Subdivision Access:* Because of the small size of town, it was divided into two subdivisions. East and West divisions with HWY 283 being the dividing landmark.

### *Emergency Evacuation:*

With the simplicity of the City's streets and layout, evacuation should pose no problems for the residents in case of emergency evacuations. All streets are of hard surface type and of significant width for any type fire apparatus to approach as residents are leaving.

### *Street Signs:*

All major intersections are clearly marked with high visibility post type signs. As well most homes and businesses are clearly marked with building numbers.

### Public Fire Protection

*Blair Volunteer Fire Department:* Supplies its services with a force of 16-volunteer firefighters. Equipment used to provide fire protection consist of 2 – Pumper Trucks, 4 – Brush Trucks, 1 – Well equipped Rescue Truck and 1 – Tanker Truck. The department takes the treat of wildland fires very seriously and has procedures in place for quick response to all wildland fires with in their service area.

### Water Supply

The City receives its water from the City's Municipal Water Authority. This consists of (1) 300,000 gallon standpipe storage tank connecting to a distribution system throughout the city. Fire hydrants are located appropriately throughout the city and should supply enough water for any type of fire suppression activities. The City's water is supplied by water wells and has an emergency connection to the City of Altus if more water is needed.

### Fuel Load

Fuel loads are consistent with the surrounding area, consisting of fine grasses and Johnson grass mix to a mixture consisting mostly of hardwood trees with Cedar trees mixed in. The area the surrounds the City consist mostly of cotton fields, which provides the City with manmade fire breaks in most directions. The area to the NE side of town is considered a seasonal fire hazard dependant on what crops are planted. These areas consist mostly of wheat fields and would be considered a fire threat as the field ripens and during combining of the fields up to the time they have been cultivated.

### Utilities

The City receives its electricity from Public Service Company of Oklahoma by means of overhead power lines. Gas service is supplied by Center Point Energy by means of an underground piping system.

Defensible Space

Homes within Blair, range in construction from the early 1900's to present. Many of the homes are of highly flammable siding, while the remaining is of brick veneer. There are several trailer houses and other homes with elevated open decks. Homes have good separation and should not pose a great concern as exposure risk. As with many Towns in the area trees have been allowed to grow close to homes with overhanging branches. Pruning of the overhanging branches would be of great benefit to the residents as well as trimming all limbs that are within 6-feet of the ground. Another concern noticed was many vacant and dilapidated properties. These properties not only pose a fire risk, but a health risk as well.

High Hazard Areas

Area 1 – Wheat field on NE part of City. This is a seasonal hazard dependant on what crops are planted.

Area 2 – Area around old Gin and Elevator. Area has tall grass and weeds.

Area 3 – Area at times has tall grass. Located S of Main St and W of Willis St

Area 4 – This area has tall grass and tree limbs that need to be trimmed. Located S of 5<sup>th</sup> St between Hughes and Coffee St's.

Area 5 – This area has tall grass and old auto salvage yard. Located N of E1550 Rd from HWY 283 to Taylor St.

Area 6 – Railroad right of way. This area is not mowed regularly and has tall grass.

**Community Wildfire History: (include surrounding areas)**

Relative Frequency: 25 fires annually.

Common Causes: Carelessness, escaping controlled fires, equipment, electrical lines.

Areas of Future Concern: The area outside of City limits, where more homes are in a wildland interface area and the continuing drought conditions.

Additional Comments:

**2) COMMUNITY BASE MAP AND OTHER VISUALS**

*See page 20, map #1 base map.*

**3) OBJECTIVES / GOALS**

Edit as needed to match community needs.

**Objectives:**

The objectives of this plan/report are to set clear priorities for the implementation of wildfire mitigation in the identified community. This includes prioritized recommendations for the community as a whole and also for individual homeowners where appropriate.

**Goals:**

The goals are fuel reduction and structure ignitability reduction that will protect this community and its essential infrastructure. It also includes a wildfire pre-suppression plan.

**4) PRIORTIZED MITIGATION RECOMMENDATIONS**

The following recommendations were developed by the Community Firewise Working Group or Fire Council as a result of the community wildfire risk assessment and follow-up meetings with local, state, federal and community stakeholders. A priority order was determined based on which mitigation projects would best reduce the hazard of wildfire in the assessment area.

**Proposed Community Hazard Reduction Priorities:**

List area and treatment recommended.

1. Cut and mow vegetation in shared community spaces.
2. Continue with Community Clean-up Day.
3. Remove dilapidated structures and clean properties throughout community.
4. Continue with free tree limb chipping to residents.

**Proposed Structural Ignitability Reduction Priorities:**

Actions to be taken by homeowners.

1. Remove excessive tree growth around homes.
2. Enclose open elevated decks with ¼" hail screening.
3. Remove excessive vegetation and leaves from around base of homes.
4. Remove all firewood to an area at least 30' from homes.
5. Trim tree limbs that overhang roof lines.

**Proposed Education and Outreach Priorities:**

Activities planned and implemented by community, local fire department and Department of Forestry  
Examples: 1) Distribute Informational packets. 2) Create a neighborhood newsletter.

1. Begin holding annual Firewise Day in conjunction with Blue Grass Festival each year.
2. Mail Firewise information along with water bills.
3. Include Firewise information during School visits.
4. Make Firewise information available at City Hall through-out the year.

**5) ACTION PLAN****Funding Needs:**

Outline each project (list highest priority projects first) including estimated cost and potential funding sources.

1. Firewise Day, No cost hold in conjunction with other events. Material available from OK Forestry Service.
2. Mailing of Firewise materials. Cost estimate \$210.00 per mailing. Mitigation grant and City Funds.
3. Firewise information during school visits. No cost, materials available from OK Forestry Service.
4. Mowing shared spaces and pruning tree limbs. May need to purchase equipment. Fund with grants and City.
5. Chipper machine repairs. Undetermined cost. Fund repairs or replacement with grants and city funds.

**Timetables:**

For each project (list highest priority projects first), provide an estimated duration, start date and targeted completion date.

1. Mowing shared to begin in spring and continue through growing season.
2. Dilapidated properties would be an ongoing project. 1 week for each.
3. Pruning tree limbs as needed throughout year.
4. Provide chipper services as needed for residents.
5. Community clean-up. Spring of each year.

**Assessment:**

Describe the strategy used to assess the plans progress and effectiveness.

1. Residents participating in mowing of shared community spaces.
2. Amount of refuge generated during spring clean up.
3. Amount of tree limbs gathered during pruning activities.
4. Number of dilapidated structures removed.
5. Amount of Firewise materials distributed each year.

**6) WILDFIRE PRE-SUPPRESSION PLAN****A. Wildfire Protection Responsibility**

Structural Protection: Blair Fire Department

Wildland Protection: Blair Fire Department

**B. Incident Command Post Location**

Incident specific

**C. Incident Staging Area Location**

Incident specific

**D. Medical Unit Staging Area Location**

Incident specific

**E. Alarm Response****First Alarm**

Fire Department/Rescue Squad	Travel Distance	Response Time
Blair Fire Department	Local	10 - minutes

**Second Alarm (report to designated staging area)**

Fire Department/Rescue Squad	Travel Distance	Response Time
Altus Fire & Rescue	10 - miles	15 - minutes
Friendship FD	18 - miles	20 - minutes
Warren FD	7 - miles	15 - minutes

**F. Air Support****Fixed Wing**

Aircraft	Contact Number	Dispatching Guidelines
OK Dept. of Emergency Management	(405) 206-0872	Availability Dependent

**Helicopter**

Aircraft	Contact Number	Dispatching Guidelines
OK Dept. of Emergency Management	(405) 206-0872	Availability Dependent

**G. Water Availability (must be accessible to fire engines)**

Location: Fire Hydrants located throughout town. Description: Standard type fire hydrants.

**H. Communications (Attach Communications Plan if available)**

Name	Phone Number	Radio Frequencies
Dispatch/Fire Departments		
Central Dispatch	911	
Local Department of Forestry Office		
Tom Murray	(580) 331-7319	
Other		

**I. Evacuation (Attach Evacuation Plan)****J. Resource List**

Name	Contact Information	Payment Information
Support Agencies		
Jackson Co. Commissioners	(580) 482-4420	Free
Jackson Co. Emergency Management	(580) 482-0229	Free
Jackson Co. Sheriff	(580) 482-0408	Free
Oklahoma Highway Patrol	(580) 477-2764	Free
Tractor Operators		
Jackson Co. Commissioners	(580) 482-4420	Free
Crews		
BIA	(405) 247-1654	Free
Utilities		
PSO – Electric	888-216-3523	Free
Center Point Energy – Gas	866-275-5265	Free
Fuel		
Blair Superette	(580) 563-9291	Cash / Credit Card
All American	(580) 563-9224	Cash / Credit Card
Food and Supplies		
Blair Superette	(580) 563-9291	Cash / Credit Card
All American	(580) 563-9224	Cash / Credit Card
Blair Tire & Feed	(580) 563-2692	Cash / Credit Card
Lodging		
None local (Altus)		

**7) ADDITIONAL COMMENTS**

As the drought conditions continue the chances of large wildland fires continue to rise.

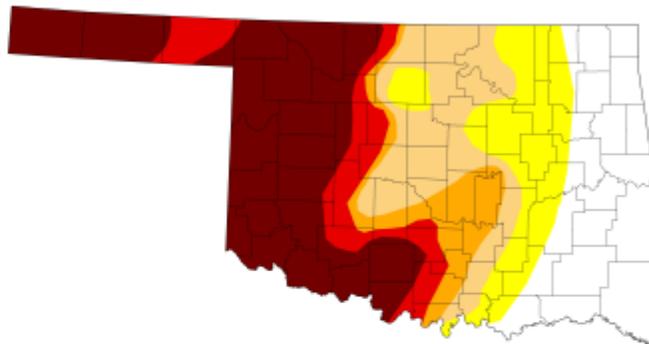
# U.S. Drought Monitor

## Oklahoma

**June 21, 2011**  
Valid 7 a.m. EST

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	22.11	77.89	63.43	48.14	41.22	32.55
Last Week (06/14/2011 map)	22.11	77.89	57.87	41.76	33.53	10.32
3 Months Ago (03/22/2011 map)	4.38	95.62	83.58	54.46	8.78	0.00
Start of Calendar Year (12/28/2010 map)	13.82	86.18	47.90	1.50	0.00	0.00
Start of Water Year (09/28/2010 map)	66.28	33.72	4.21	0.00	0.00	0.00
One Year Ago (06/15/2010 map)	86.37	13.63	3.16	0.00	0.00	0.00



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

<http://drought.unl.edu/dm>



**Released Thursday, June 23, 2011**  
**Brian Fuchs, National Drought Mitigation Center**

**8) ATTACHMENTS (List here in order of attachment)**

- Community Wildfire Risk and Hazard Assessment
- Base Map
- Interface Areas
- Road Widths
- Ingress / Egress
- Hazard Areas
- Fire Hydrants

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

Forestry Office: Burns Flat

Community: Blair County: Jackson

Latitude: 34°46'45"N Longitude: 99°22'0"W

Fire Department: Blair – West of HWY 283

Date: \_\_\_\_\_

Acres: 20 Lots: 1167 Homes: 435 Future Homes: < 2 per/year

**CALCULATING THE WILDFIRE HAZARD RATING**

<b>SUBDIVISION DESIGN HAZARD RATING</b>	<b>+ SITE HAZARD RATING</b>	<b>+ BUILDING CONSTRUCTION HAZARD RATING</b>	<b>+ ADDITIONAL FACTOR HAZARD RATING</b>	<b>= OVERALL WILDFIRE HAZARD RATING</b>
9	35	20	28	92

<b>SUBDIVISION DESIGN RATING</b>	<b>Rating</b>	
<b>ACCESS</b>		
Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	
>20 ft and <24 ft	2	2
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	
> 300 ft with turnaround	2	2
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	
Highly flammable vegetation along road	5	5
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		9

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>SITE HAZARD RATING: (Within 30 feet of structure based on a majority of the properties in the community)</b>	<b>Rating</b>	
<b>DRIVEWAY CHARACTERISTICS</b>		
Less than 150 feet long	0	0
More than 150 ft with minimum 45 foot outside radius turnaround	3	
More than 150 ft with inadequate turnaround	5	
Average driveway width more than 12 ft	0	
Average driveway width less than 12 ft	5	5
No obstructing overhead branches below 15 ft	0	0
Obstructing overhead branches below 15 ft	5	
No bridges or bridges with no weight or width restrictions	0	0
Bridges restricting emergency vehicle access	5	
Slopes level or less than 10 %	0	0
Slopes over 10%	5	
No gate/non-locking gate	0	0
Locked gate	5	
Address clearly visible from road	0	0
Address not visible from road	5	
<b>DOMINANT TREES (within 100 ft of homes)</b>		
Deciduous	1	
Mixed	5	5
Evergreen	10	
<b>LADDER FUELS</b>		
Evergreen branches close to ground	5	5
Evergreen branches pruned up at least 6 ft	0	
<b>VEGETATION (predominant type throughout community)</b>		
Light (e.g. grasses and forbs) NFDRS Fuel Models A, C, L, N, S and T	5	
Medium (e.g. light brush and small trees) NFDRS Fuel Models D, E, F, H, P, Q and U	10	10
Heavy (e.g. dense brush, timber and hardwoods) NFDRS Fuel Models B, G and O	20	
Slash (e.g. timber harvesting residue) NFDRS Fuel Models J, K and L	25	
<b>SLOPE OF PROPERTY</b>		
Flat (0-5%)	0	0
Moderate (6-20%)	2	
Steep (over 20%)	4	
<b>DEFENSIBLE SPACE</b>		
No trees, shrubs or tall grass within 30 ft	0	
Well spaced trees and shrubs within 30 ft	10	10
Touching crowns or tall grass within 30 ft	20	
No unthinned or unmanaged timber within 100 ft	0	
Unthinned or unmanaged timber within 100ft	5	
<b>TOTAL SITE HAZARD RATING</b>		<b>35</b>

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>BUILDING CONSTRUCTION HAZARD RATING</b>	<b>Rating</b>	
<b>ROOFING MATERIALS</b>		
Greater than 75% of homes have metal, tile or Class A shingles	0	10
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
<b>SIDING / SOFFETS</b>		
Greater than 75% of homes have fire resistant siding and soffets	0	10
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
<b>UNDERSKIRTING</b>		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	0
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
<b>TOTAL BUILDING CONSTRUCTION HAZARD RATING</b>		20
<b>ADDITIONAL HAZARD FACTORS</b>		
<b>FIRE CONTROL WATER SUPPLY</b>		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
Pressurized hydrants with < 500 gpm or spaced > 1,000 ft apart	2	
Dry hydrant(s) available year round within the community	2	
Other accessible sources within community	5	
Water sources located within 4 road miles of community	7	
No water sources within 4 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	3
One underground, one above ground	3	
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	10
Large natural landscape adjoins one side of the community	5	
Large natural landscape adjoins two sides of the community	10	
Large natural landscape adjoins three sides of the community	15	
Community is completely surrounded by natural landscape	20	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	5
10 to 50% of lots have not been developed	3	
51 to 75% of lots have not been developed	5	
Greater than 75% of lots have not been developed	10	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	10
Medium (Class Value 3 - 5)	10	
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		28

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

Forestry Office: Burns Flat  
 Community: Blair – East of HWY 283 County: Jackson  
 Latitude: 34°46'45"N Longitude: 99°22'0"W  
 Fire Department: Blair  
 Date: \_\_\_\_\_  
 Acres: 20 Lots: 1167 Homes: 435 Future Homes: < 2 per/year

**CALCULATING THE WILDFIRE HAZARD RATING**

<b>SUBDIVISION DESIGN HAZARD RATING</b>	<b>+ SITE HAZARD RATING</b>	<b>+ BUILDING CONSTRUCTION HAZARD RATING</b>	<b>+ ADDITIONAL FACTOR HAZARD RATING</b>	<b>= OVERALL WILDFIRE HAZARD RATING</b>
9	35	15	28	87

Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	
>20 ft and <24 ft	2	2
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	
> 300 ft with turnaround	2	2
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	
Highly flammable vegetation along road	5	5
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		9

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>SITE HAZARD RATING: (Within 30 feet of structure based on a majority of the properties in the community)</b>	<b>Rating</b>	
<b>DRIVEWAY CHARACTERISTICS</b>		
Less than 150 feet long	0	0
More than 150 ft with minimum 45 foot outside radius turnaround	3	
More than 150 ft with inadequate turnaround	5	
Average driveway width more than 12 ft	0	
Average driveway width less than 12 ft	5	5
No obstructing overhead branches below 15 ft	0	0
Obstructing overhead branches below 15 ft	5	
No bridges or bridges with no weight or width restrictions	0	0
Bridges restricting emergency vehicle access	5	
Slopes level or less than 10 %	0	0
Slopes over 10%	5	
No gate/non-locking gate	0	
Locked gate	5	
Address clearly visible from road	0	0
Address not visible from road	5	
<b>DOMINANT TREES (within 100 ft of homes)</b>		
Deciduous	1	
Mixed	5	5
Evergreen	10	
<b>LADDER FUELS</b>		
Evergreen branches close to ground	5	5
Evergreen branches pruned up at least 6 ft	0	
<b>VEGETATION (predominant type throughout community)</b>		
Light (e.g. grasses and forbs) NFDRS Fuel Models A, C, L, N, S and T	5	
Medium (e.g. light brush and small trees) NFDRS Fuel Models D, E, F, H, P, Q and U	10	10
Heavy (e.g. dense brush, timber and hardwoods) NFDRS Fuel Models B, G and O	20	
Slash (e.g. timber harvesting residue) NFDRS Fuel Models J, K and L	25	
<b>SLOPE OF PROPERTY</b>		
Flat (0-5%)	0	0
Moderate (6-20%)	2	
Steep (over 20%)	4	
<b>DEFENSIBLE SPACE</b>		
No trees, shrubs or tall grass within 30 ft	0	
Well spaced trees and shrubs within 30 ft	10	10
Touching crowns or tall grass within 30 ft	20	
No unthinned or unmanaged timber within 100 ft	0	
Unthinned or unmanaged timber within 100ft	5	
<b>TOTAL SITE HAZARD RATING</b>		<b>35</b>

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>BUILDING CONSTRUCTION HAZARD RATING</b>	<b>Rating</b>	
<b>ROOFING MATERIALS</b>		
Greater than 75% of homes have metal, tile or Class A shingles	0	10
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
<b>SIDING / SOFFETS</b>		
Greater than 75% of homes have fire resistant siding and soffets	0	5
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
<b>UNDERSKIRTING</b>		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	0
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
<b>TOTAL BUILDING CONSTRUCTION HAZARD RATING</b>		15
<b>ADDITIONAL HAZARD FACTORS</b>		
<b>FIRE CONTROL WATER SUPPLY</b>		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
Pressurized hydrants with < 500 gpm or spaced > 1,000 ft apart	2	
Dry hydrant(s) available year round within the community	2	
Other accessible sources within community	5	
Water sources located within 4 road miles of community	7	
No water sources within 4 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	3
One underground, one above ground	3	
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	10
Large natural landscape adjoins one side of the community	5	
Large natural landscape adjoins two sides of the community	10	
Large natural landscape adjoins three sides of the community	15	
Community is completely surrounded by natural landscape	20	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	5
10 to 50% of lots have not been developed	3	
51 to 75% of lots have not been developed	5	
Greater than 75% of lots have not been developed	10	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	10
Medium (Class Value 3 - 5)	10	
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		28

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

**What does the Wildfire Hazard Rating mean?**

Using the Wildfire Hazard Assessment, the highest possible rating is 247 points. Communities can be divided into the following four risk categories:

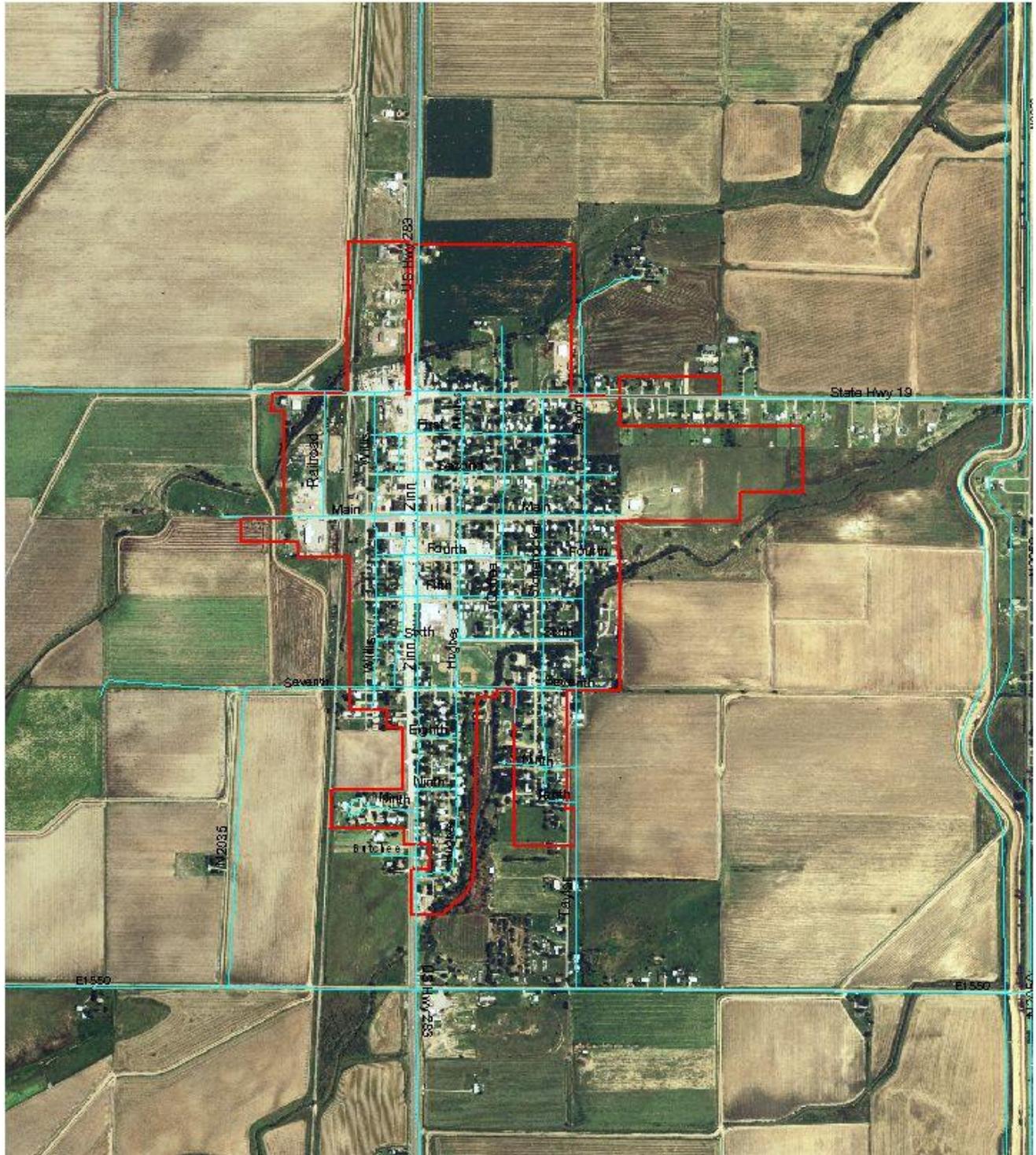
- Low Risk:**                   **Total Wildfire Hazard Rating is 0 – 90 points**  
The chances of a majority of homes in the community surviving a wildfire are **GOOD**.  
  
Little is needed to improve the community. Keep up the good work.
- Moderate Risk:**           **Total Wildfire Hazard Rating is 91 – 155 points**  
The chances of a majority of homes in the community surviving a wildfire are **FAIR**.  
  
Some minor improvements will make the community more fire resistant. Check the areas on the form in which you scored poorly.
- High Risk:**                   **Total Wildfire Hazard Rating is Over 155 points**  
The chances of a majority of homes in the community surviving a wildfire are **NOT GOOD**. Some improvements in structure and site are necessary.
- Extreme Risk:**           **Total Wildfire Hazard Rating is Over 170 points**  
The community **MAY NOT SURVIVE** if a wildfire passes through the area. Take a serious look at your community and make improvements. If you don't, you may be facing disaster. You will find that even small changes could make the difference.

**HAZARD** is defined as the potential fire behavior based on physical fuel characteristics.

**Risk** is defined as the probability of fire occurrence determined by the number, presence and activity of potential ignition sources.

This form may be used to evaluate your community to determine the level of wildfire risk. It covers roughly one-half of the hazards normally taken into account in calculating fire risk, but does provide an approximate indication of true risk. For more information on your home's fire risk, or for more complete evaluation of your property, contact your local Oklahoma Department of Agriculture, Food and Forestry, Forestry Services office.

# Base Map

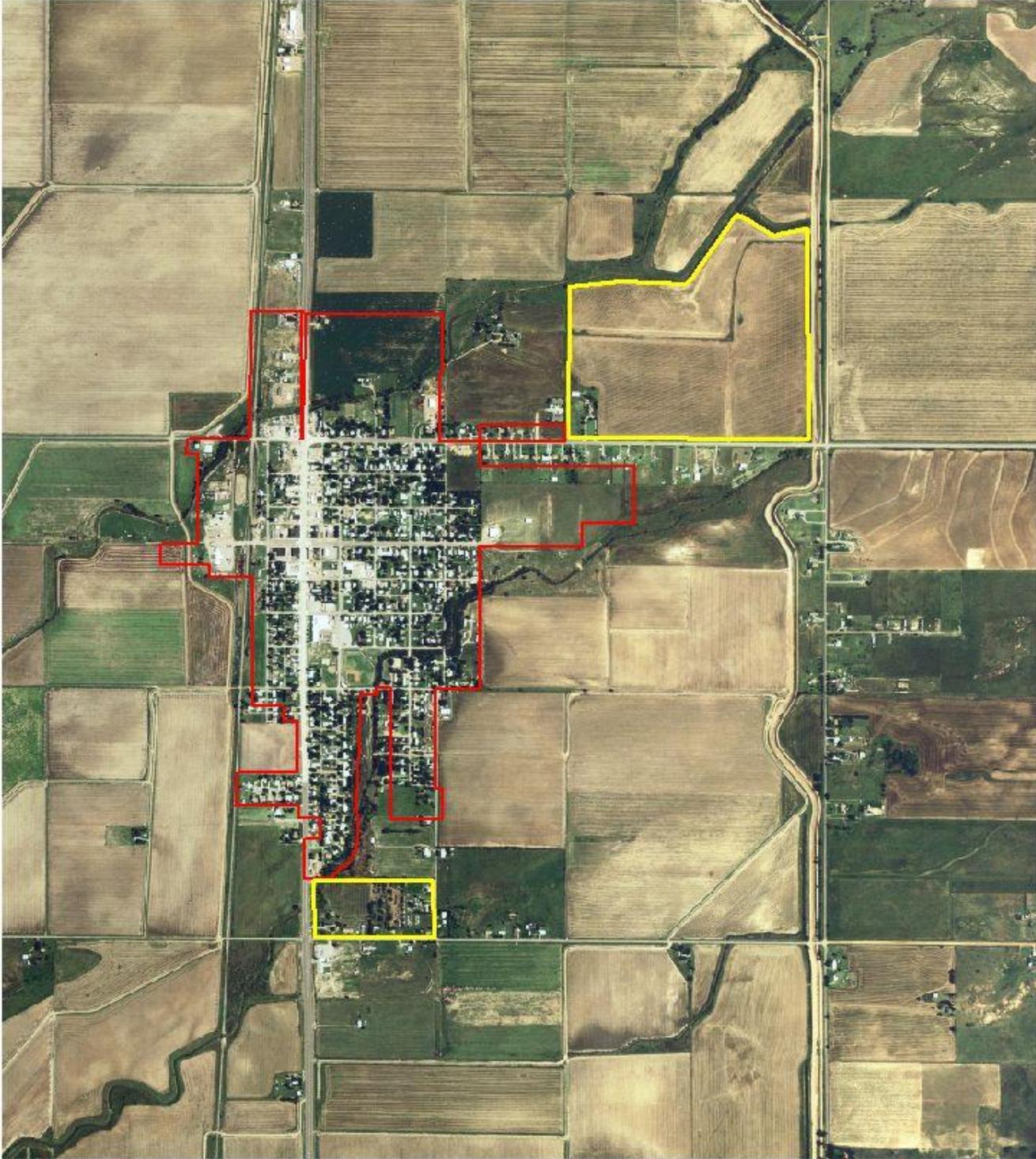


Legend

-  City Limit Strip
-  Roads Strip

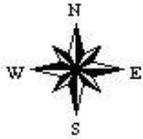


# Interface Area

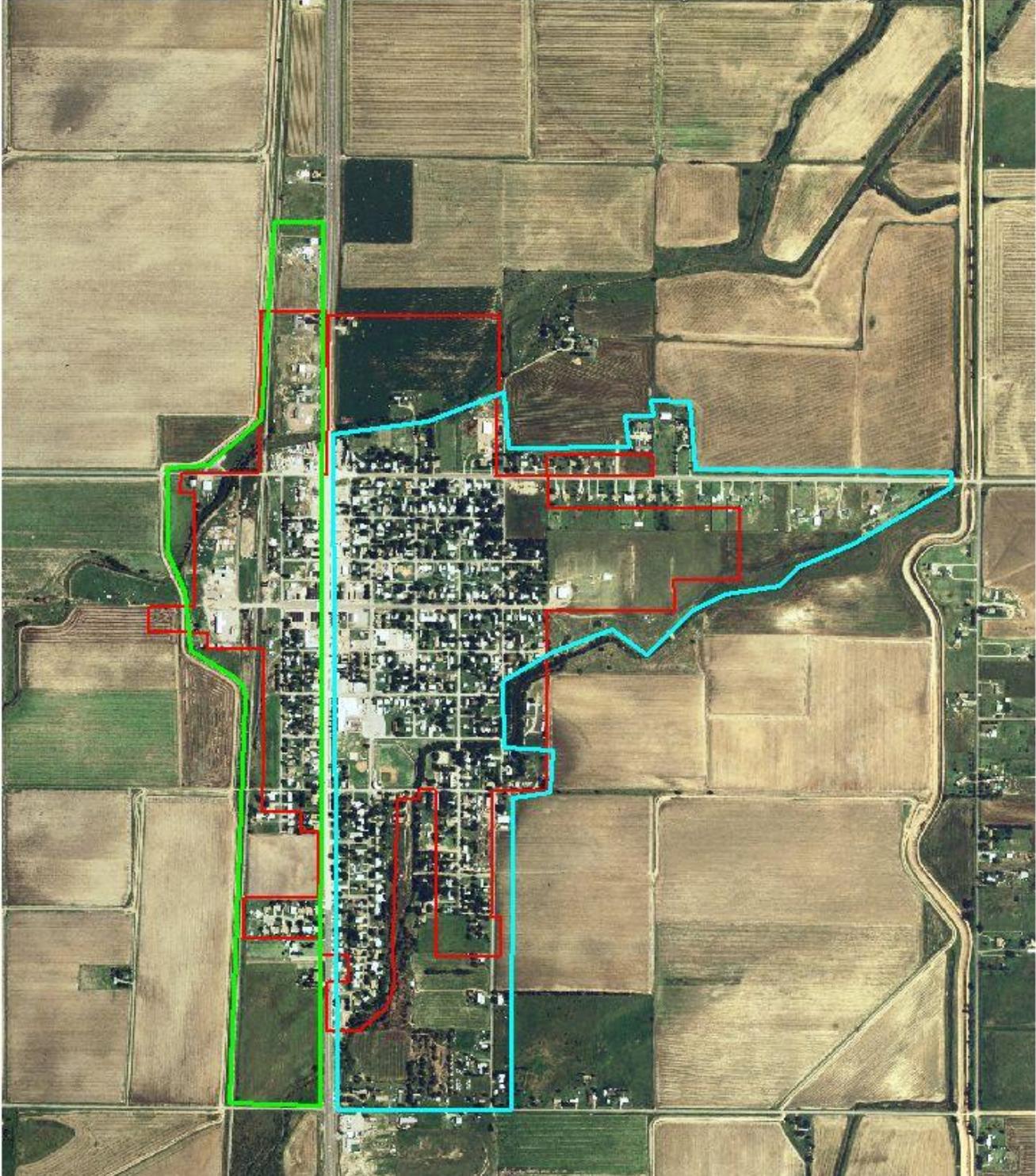


**Legend**

-  Interface Area
-  City Limits

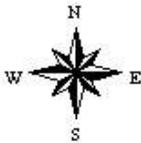


# Assessments



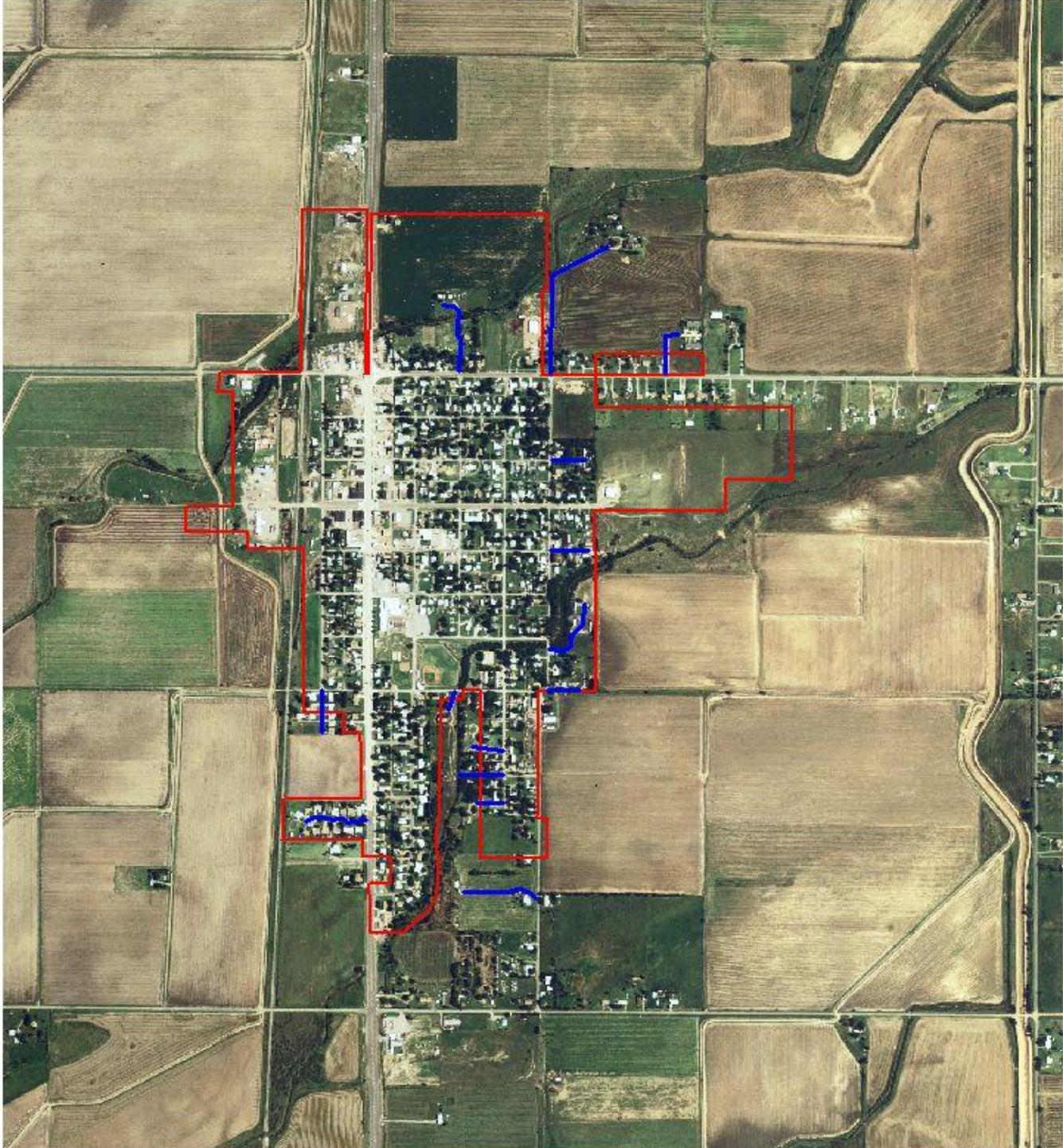
**Legend**

-  East Assessment
-  West Assessment
-  City Limits



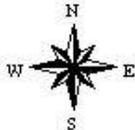


# Ingress / Egress

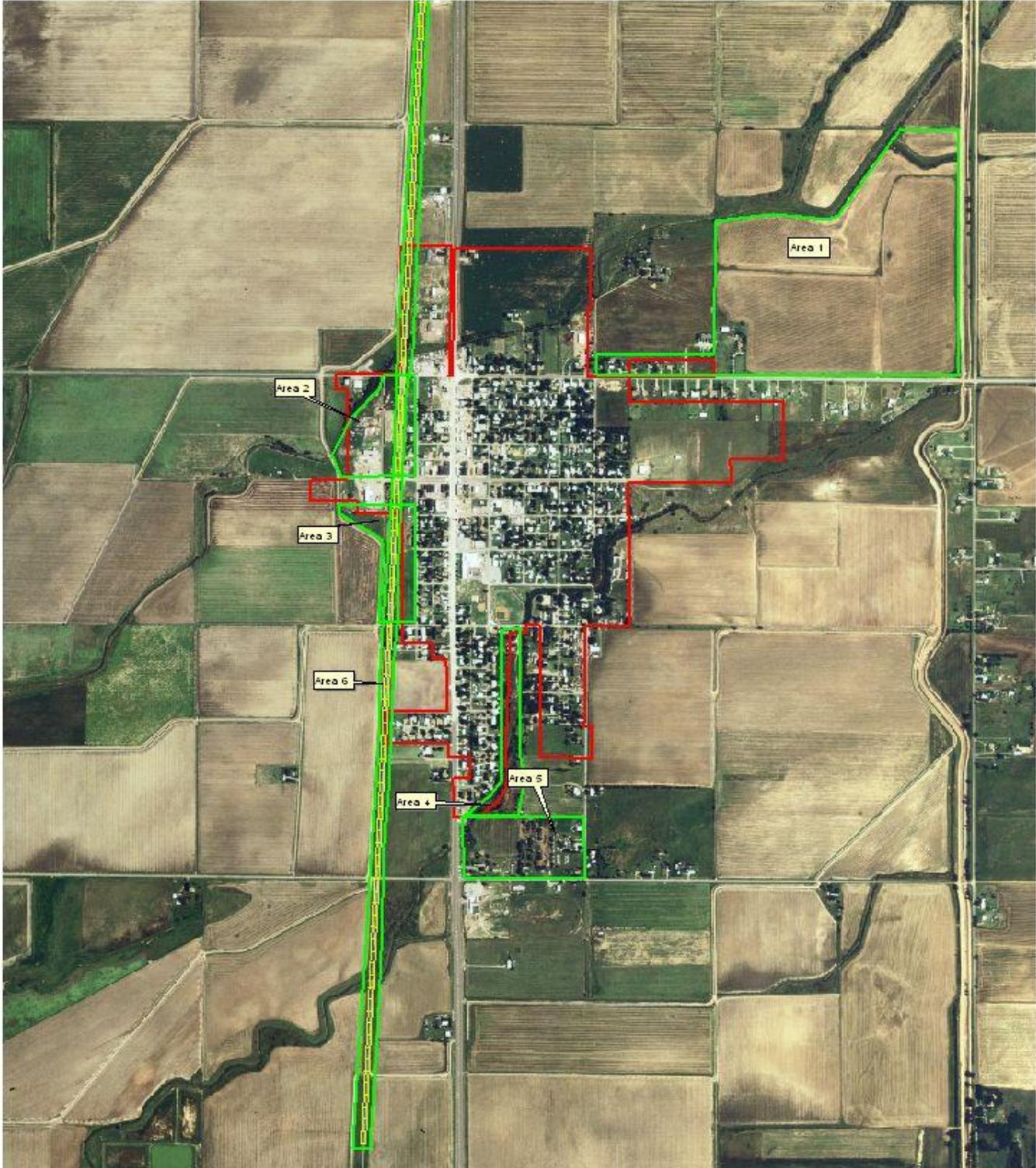


Legend

- One Way Exits
- City Limits

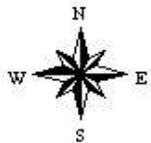


# Hazard Areas

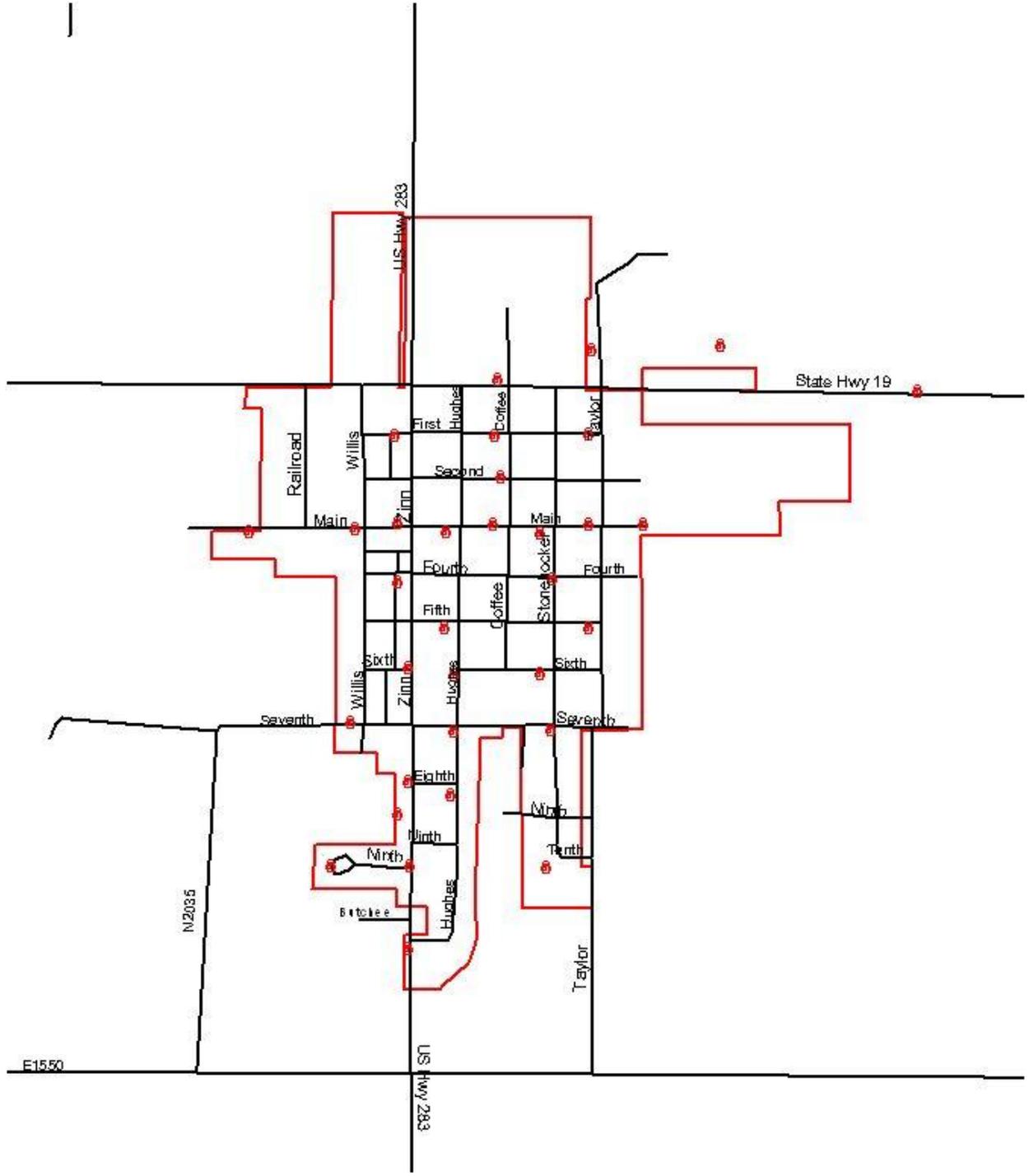


Legend

-  Hazards
-  One Way Exits



# Fire Hydrants



**Legend**

- Fire Hydrants
- Roads
- City Limits

