Appendix 1

Wildfire Risk Assessment Portal - Community Assessor Tool

Because wildfire risk varies within the project area, planning team members assessed communities individually using the Community Assessor Tool (CAT) provided by the Northeast Midwest Wildfire Risk website. This tool includes a desktop and mobile version that allows users to manually create a shapefile for each community and then assess each community in the tool by following a series of multiple-choice questions. Assessment questions are related to community infrastructure and landscape and individual structures within the community. Responses are then compiled by the software into risk ratings and a final score, the software also provides a list of suggested mitigation strategies communities can use to reduce risk at a local level. This appendix contains the full assessment reports for each community in Williamson County.

Communities were assessed by the following team members:

- Williamson County Fire Protection District: Eric Miller, Austin Kern, Shane Duty,
 Wyatt Eddy
- Lake Egypt Fire Protection District: Brady Crane
- Crab Orchard National Wildlife Refuge: David Jones

Assumptions of the software

- Assumes secondary roads end with dead ends, no option for connected side roads
- Assumes communities are homeowners' associations; very few of these exist in southern Illinois
- Assumes homes have attic soffits
- Assumes home are raised with or without underskirting, no option for slab/basement/crawlspace homes
- Assumes communities only have residential buildings, does not account for commercial buildings or other structures

While this tool is not perfect, it provides a good baseline of risk, and the suggested mitigation strategies can be useful for decision makers and property owners.

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

113 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 46' 21" Longitude -88° 45' 49"

Dwelling Units 25

Size 466.57 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-27-2025







Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Roac	l Wid	dth		
		Road width is > 24 feet		
	\rightarrow	Road width is > 20 feet and < 24 feet		
		Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
		Consider providing pull-offs every 100 yards		
Roac	l Acc	essibility		
	→	Surfaced road		
	•			
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





Secon	dar	y Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
-	>	Dead end road >200 feet long
F	Rec	ommended Mitigation Strategies
[Ensure emergency responders are aware of dead-end roads
[If dead-end roads are narrow, restrict access during an emergency
Street	Sig	gns
-	>	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
F	Rec	ommended Mitigation Strategies
I		Keep street signs visible and clear of vegetation and fine fuels
Drivev	vay	vs
_	→	Average driveway allows access to homes
		Average driveway restricts access to homes
F	Rec	ommended Mitigation Strategies
I		Maintain driveway access and clearance
Water	Su	pply
		Has pressurized hydrants
-	→	Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
F	Rec	ommended Mitigation Strategies
I		Clearly mark and regularly test dry hydrants

□ Keep dry hydrants clear of obstructions and vegetation

Marion, Williamson County, Illinois



Hazardous Features		
→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
Rec	ommended Mitigation Strategies	
	N/A	
Local Response Resources		
\rightarrow	5 miles or less from fire department	
	More than 5 miles from fire department	
Rec	ommended Mitigation Strategies	
	N/A	
eow	ners Association	
	HOA has organizational structure for sustained fire prevention and mitigation	
\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
Rec	ommended Mitigation Strategies	
	→ Rec I Res → Rec cov	

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predom	Predominant Vegetation				
	Light				
\rightarrow	Medium				
	Heavy				
	Extreme / Slash				
Re	commended Mitigation Strategies				
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation				
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees				
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees				
	Prune trees 6'10 feet from the ground				
Defensil	ple Space				
	> 100 ft. of vegetation treatment from structure(s)				
	71 to 100 ft. of vegetation treatment from structure(s)				
	30 to 70 ft. of vegetation treatment from structure(s)				
\rightarrow	< 30 ft. of vegetation treatment from structure(s)				
Re	commended Mitigation Strategies				
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space				
	Mow lawns regularly				
	Water grass, plants, trees and mulch regularly				
	Create a spacing of 30 feet between tree crowns				
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials				
	Remove dead vegetation from under the deck and within 10 feet of the house				
	Consider xeriscaping if you are affected by water restrictions				
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)				
	Create fuel breaks like driveways and gravel walkways				
	Remove smaller conifers that are growing between taller trees				
	Remove heavy accumulations of woody debris				
	Reduce the density of tall trees so canopies do not touch				
tructur	e-to-Structure Ignition				
\rightarrow	No Possible Structure-to-Structure Ignition				
	Possible Structure-to-Structure Ignition				
Re	commended Mitigation Strategies				
	N/A				

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	ommended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Deb	ris or	n Roof			
		No			
	\rightarrow	Yes			
	Rec	ommended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
Vent	ilatio	on and Soffits			
		> 75% of homes have non-combustible ventilation soffits with mesh or screening			
	\rightarrow	50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
Sidin	g				
	\rightarrow	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			

Marion, Williamson County, Illinois



Und	nderskirting			
	> 75% of homes have skirting underneath raised floors/decks			
	\rightarrow	50-74% of homes have skirting underneath		
		< 50% of homes have skirting underneath		
	Rec	commended Mitigation Strategies		
		Remove combustible vegetation and leaf litter		
		Spread gravel or other non-combustible material under the deck		
		Screen in the bottom of the deck with metal 1/8-inch screening		
		Separate wooden fences from the house with a stone or metal barrier		
Woo	den	Attachments		
		> 75% of homes have NO Wooden Attachments		
	\rightarrow	50-74% of homes have NO Wooden Attachments		
		< 50% of homes have NO Wooden Attachments		
	Rec	commended Mitigation Strategies		
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
		Be aware that wooden attachments can act as a fuse to the structure		
Gutt	ers			
	\rightarrow	Noncombustible		
		Combustible with leaf litter present		
	Rec	commended Mitigation Strategies		
		Keep gutters clear of fine fuels and debris		
Build	ding	Setback		
		Not applicable		
		Greater than or equal to 30 feet from slope		
	\rightarrow	Less than 30 feet from slope		
	Rec	commended Mitigation Strategies		

Review suggested defensible space and vegetation management as pertains to building setback





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
→	Underground/clearly marked or Not applicable
-,	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Itilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NITS.
COMMITTEE	NIS -

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

143 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 48' 54" Longitude -89° 7' 23"

Dwelling Units 20

Size 274.31 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-30-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress	ngress and Egress		
-	2 or more roads in and out		
	One road in and out (entrance and exit are the same)		
R	ecommended Mitigation Strategies		
	Keep community ingress/egress open and maintained (cleared of vegetation)		
	Develop community plan for evacuation routes, safe zones, staging areas		
	If community is gated, develop evacuation plan and ensure emergency responder access		
	Ensure residents know their closest exit in case of emergency		
Road V	/idth		
	Road width is > 24 feet		
	Road width is > 20 feet and < 24 feet		
-	Road width is < 20 feet		
R	ecommended Mitigation Strategies		
	Keep shoulders of road clear for emergency vehicle use whenever possible		
	Consider providing pull-offs every 100 yards for emergency vehicle use		
	Coordinate with fire department to ensure they are aware of road width limitations		
	Be aware that road width could limit emergency vehicles to brush trucks only		
Road A	ccessibility		
-	Surfaced road		
	Non-surfaced road, grade less than or equal to 5%		
	Non-surfaced road, grade greater than 5%		
	Non-maintained dirt road		
R	ecommended Mitigation Strategies		
Г	Ensure that road maintenance plan is in place		





Secondary	коаа	rermi	nus	

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

☐ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





Haza	lazardous Features				
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features			
	Rec	commended Mitigation Strategies			
		N/A			
Loca	l Res	sponse Resources			
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department			
	Rec	commended Mitigation Strategies			
		N/A			
Hom	neow	ners Association			
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation			
	Rec	commended Mitigation Strategies			
		Work with community to become more proactive towards protecting your life and property against wildfires			

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

redominant Vegetation			
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Re	commended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation Trim tree capacities regularly to keep their branches a minimum of 10' from structures and other trees.		
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
	Prune trees 6'10 feet from the ground		
	Fruite trees of 10 feet from the ground		
Defensik	ple Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Re	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
tructur	e-to-Structure Ignition		
	No Possible Structure-to-Structure Ignition		
\rightarrow	Possible Structure-to-Structure Ignition		
Rei	commended Mitigation Strategies		
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition		
	risk		
	Consider use of sprinkler systems to keep vegetation moisture levels up		
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible		

□ N/A





Slope	9	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	→	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roofing Materials				
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	commended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board		
Deb	ris or	n Roof		
	→	No Yes		
	Rec	commended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof		
Vent	ilatio	on and Soffits		
	→	> 75% of homes have non-combustible ventilation soffits with mesh or screening 50-74% of homes have non-combustible ventilation soffits with mesh or screening < 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents		
Sidin	g			
	→	> 75% of homes have non-combustible siding 50-74% of homes have non-combustible siding < 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible		

□ N/A





Unders	Jnderskirting		
	> 75% of homes have skirting underneath raised floors/decks		
	50-74% of homes have skirting underneath		
\rightarrow	< 50% of homes have skirting underneath		
Re	ecommended Mitigation Strategies		
	Remove combustible vegetation and leaf litter		
	Spread gravel or other non-combustible material under the deck		
	Screen in the bottom of the deck with metal 1/8-inch screening		
	Separate wooden fences from the house with a stone or metal barrier		
Woode	n Attachments		
	> 75% of homes have NO Wooden Attachments		
	50-74% of homes have NO Wooden Attachments		
\rightarrow	< 50% of homes have NO Wooden Attachments		
Re	ecommended Mitigation Strategies		
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
	Be aware that wooden attachments can act as a fuse to the structure		
Gutters			
\rightarrow	Noncombustible		
	Combustible with leaf litter present		
Re	ecommended Mitigation Strategies		
	Keep gutters clear of fine fuels and debris		
Building	g Setback		
\rightarrow	Not applicable		
	Greater than or equal to 30 feet from slope		
	Less than 30 feet from slope		
Re	ecommended Mitigation Strategies		





Windo	Windows		
		Not known	
		Multi-paned	
-	>	Single-paned	
F	Reco	ommended Mitigation Strategies	
[Install double-paned or tempered-glass windows, if possible	
I		Use metal framing or aluminum coverings for wood or vinyl	
I		Use a fiberglass or metal screen	
[Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread	
Gas Ut	tiliti	ies	
-	>	Underground/clearly marked or Not applicable	
		Above ground/clearly marked with a 30 foot cleared perimeter	
		Underground/not marked	
		Above ground/not marked	
F	Reco	ommended Mitigation Strategies	
I		Keep vegetation pruned to a minimal level near gas utilities	
I		When possible, place propane tanks 20' away from home and structures	
Electri	c U	tilities	
		Underground/clearly marked	
-	>	Overhead with a 20 foot wide maintained right of way	
		Underground/not marked	
		Overhead with right of way not maintained	
F	Reco	ommended Mitigation Strategies	
I		Keep vegetation pruned and mowed around electric cabinets	
I		Place non-flammable mulch (rock, stone) around base of electrical cabinets	
I		Plant less flammable bushes and shrubs around electrical cabinets	
COMN	ΛEΝ	ITS .	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

103 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 49' 11" Longitude -88° 59' 4"

Dwelling Units 30

Size 29.48 acres Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025





Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ngress and Egress			
		2 or more roads in and out		
	\rightarrow	One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies		
Road	d Wid	dth		
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards		
Road	d Acc	essibility		
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





Secondary Road Terminus

→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- □ Maintain unobstructed access into cul-de-sacs
- Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	lazardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Rec	commended Mitigation Strategies	
		N/A	
Loca	l Res	sponse Resources	
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department	
	Rec	commended Mitigation Strategies	
		N/A	
Hom	neow	ners Association	
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	commended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predomi	Predominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Red	commended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
	Prune trees 6'10 feet from the ground		
Defensib	le Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
→	< 30 ft. of vegetation treatment from structure(s)		
	commended Mitigation Strategies		
net			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
Structure	e-to-Structure Ignition		
→	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Rec	commended Mitigation Strategies		
	N/A		

□ N/A





Slope		
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торо	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adjac	enc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Sever	e W	/ind Exposure
	→	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	ommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	→	No
		Yes
	Rec	ommended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Unde	rski	rting
		> 75% of homes have skirting underneath raised floors/decks
	\rightarrow	50-74% of homes have skirting underneath
		< 50% of homes have skirting underneath
	Rec	ommended Mitigation Strategies
		Remove combustible vegetation and leaf litter
		Spread gravel or other non-combustible material under the deck
		Screen in the bottom of the deck with metal 1/8-inch screening
		Separate wooden fences from the house with a stone or metal barrier
Wood	den	Attachments
		> 75% of homes have NO Wooden Attachments
	\rightarrow	50-74% of homes have NO Wooden Attachments
		< 50% of homes have NO Wooden Attachments
	Rec	ommended Mitigation Strategies
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
		Be aware that wooden attachments can act as a fuse to the structure
Gutte	ers	
	→	Noncombustible
		Combustible with leaf litter present
	Rec	ommended Mitigation Strategies
		Keep gutters clear of fine fuels and debris
Build	ing S	Setback
		Not applicable
		Greater than or equal to 30 feet from slope
	\rightarrow	Less than 30 feet from slope
	Doc	anamandad Mitigatian Ctuatorias

Review suggested defensible space and vegetation management as pertains to building setback





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
→	Underground/clearly marked or Not applicable
-,	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Itilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NITS.
COMMITTEE	NIS -

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

139 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Bush Volunteer Fire Department

Community Information

Latitude 37° 50′ 30″ Longitude -89° 8′ 4″ Dwelling Units 120

Size 852.87 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress	ngress and Egress	
-	2 or more roads in and out	
	One road in and out (entrance and exit are the same)	
R	ecommended Mitigation Strategies	
	Keep community ingress/egress open and maintained (cleared of vegetation)	
	Develop community plan for evacuation routes, safe zones, staging areas	
	If community is gated, develop evacuation plan and ensure emergency responder access	
	Ensure residents know their closest exit in case of emergency	
Road V	/idth	
	Road width is > 24 feet	
	Road width is > 20 feet and < 24 feet	
-	Road width is < 20 feet	
R	ecommended Mitigation Strategies	
	Keep shoulders of road clear for emergency vehicle use whenever possible	
	Consider providing pull-offs every 100 yards for emergency vehicle use	
	Coordinate with fire department to ensure they are aware of road width limitations	
	Be aware that road width could limit emergency vehicles to brush trucks only	
Road A	ccessibility	
-	Surfaced road	
	Non-surfaced road, grade less than or equal to 5%	
	Non-surfaced road, grade greater than 5%	
	Non-maintained dirt road	
R	ecommended Mitigation Strategies	
Г	Ensure that road maintenance plan is in place	





Secon	darv	Road	Term	inus
Jecui	ıuaı v	waa	161111	IIII

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

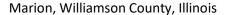
Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





	_			
Ната	rda	uc E	11	Iroc

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- ☐ Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

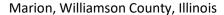
Predom	Predominant Vegetation				
	Light				
\rightarrow	Medium				
	Heavy				
	Extreme / Slash				
Re	commended Mitigation Strategies				
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation Trim tree capacities regularly to keep their branches a minimum of 10' from structures and other trees.				
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees				
	Prune trees 6'10 feet from the ground				
	Fruite trees of 10 feet from the ground				
Defensik	ple Space				
	> 100 ft. of vegetation treatment from structure(s)				
	71 to 100 ft. of vegetation treatment from structure(s)				
	30 to 70 ft. of vegetation treatment from structure(s)				
\rightarrow	< 30 ft. of vegetation treatment from structure(s)				
Re	commended Mitigation Strategies				
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space				
	Mow lawns regularly				
	Water grass, plants, trees and mulch regularly				
	Create a spacing of 30 feet between tree crowns				
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials				
	Remove dead vegetation from under the deck and within 10 feet of the house				
	Consider xeriscaping if you are affected by water restrictions				
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)				
	Create fuel breaks like driveways and gravel walkways				
	Remove smaller conifers that are growing between taller trees				
	Remove heavy accumulations of woody debris				
	Reduce the density of tall trees so canopies do not touch				
tructur	e-to-Structure Ignition				
	No Possible Structure-to-Structure Ignition				
\rightarrow	Possible Structure-to-Structure Ignition				
Rei	commended Mitigation Strategies				
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition				
	risk				
	Consider use of sprinkler systems to keep vegetation moisture levels up				
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible				

□ N/A





Slope	
\rightarrow	Slope 0% - 5%
	Slope 6 % - 10%
	Slope 11% - 30%
	Slope > 30%
Rei	commended Mitigation Strategies
	N/A
Area wit	th History of High Fire Occurrence
→	No recent History of High Fire Occurrence
	Area with History of High Fire Occurrence
Rei	commended Mitigation Strategies
	N/A
Topogra	phical Features
→	No topographical features that adversely affect wildland fire behavior
	Topographical features that adversely affect wildland fire behavior
Re	commended Mitigation Strategies
	N/A
Adjacen	cy to Wildlands
	Not adjacent to wildlands with accumulated fuels and no program for fuel management
\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
Re	commended Mitigation Strategies
	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Severe V	Wind Exposure
→	Not in an area with regular exposure to severe winds
	Regularly exposed to severe winds that adversely affect fire behavior
Re	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	oofing Materials		
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles	
	Rec	commended Mitigation Strategies	
		Use fire-resistant roofing material such as metal, tile or Class A shingles	
		Inspect for and address gaps in roofing that can expose roof decking or supports	
		Place angle flashing over openings between the roof decking and fascia board	
)ebi	is or	n Roof	
	\rightarrow	No	
		Yes	
	Rec	commended Mitigation Strategies	
		Clear branch, leaf-litter and other debris from roof regularly	
		Prune tree limbs away from roof	
/ent	ilatio	on and Soffits	
		> 75% of homes have non-combustible ventilation soffits with mesh or screening	
		50-74% of homes have non-combustible ventilation soffits with mesh or screening	
	\rightarrow	< 50% of homes have non-combustible ventilation soffits with mesh or screening	
	Rec	commended Mitigation Strategies	
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation	
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco	
		Install a 1/8 inch metal screen behind roof vents	
idin	g		
	\rightarrow	> 75% of homes have non-combustible siding	
		50-74% of homes have non-combustible siding	
		< 50% of homes have non-combustible siding	
	Rec	commended Mitigation Strategies	
		Keep landscaping materials and vegetation away from combustible siding	
		Increase defensible space from combustible siding	
		Replace with noncombustible siding when possible	





Und	erski	rting
		> 75% of homes have skirting underneath raised floors/decks
		50-74% of homes have skirting underneath
	\rightarrow	< 50% of homes have skirting underneath
	Rec	commended Mitigation Strategies
		Remove combustible vegetation and leaf litter
		Spread gravel or other non-combustible material under the deck
		Screen in the bottom of the deck with metal 1/8-inch screening
		Separate wooden fences from the house with a stone or metal barrier
Woo	oden	Attachments
		> 75% of homes have NO Wooden Attachments
		50-74% of homes have NO Wooden Attachments
	\rightarrow	< 50% of homes have NO Wooden Attachments
	Rec	commended Mitigation Strategies
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
		Be aware that wooden attachments can act as a fuse to the structure
Gut	ters	
	\rightarrow	Noncombustible
		Combustible with leaf litter present
	Rec	commended Mitigation Strategies
		Keep gutters clear of fine fuels and debris
Buil	ding	Setback
		Not applicable
		Greater than or equal to 30 feet from slope
	\rightarrow	Less than 30 feet from slope
	Rec	commended Mitigation Strategies

□ Review suggested defensible space and vegetation management as pertains to building setback





Windows		
		Not known
		Multi-paned
	\rightarrow	Single-paned
	Rec	ommended Mitigation Strategies
		Install double-paned or tempered-glass windows, if possible
		Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas l	Jtilit	ies
	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	Rec	ommended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Elect	ric U	Itilities
		Underground/clearly marked
	\rightarrow	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
	Rec	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COM	IMEI	NTS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

129 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Cambria Volunteer Fire Department

Community Information

Latitude 37° 47' 8" Longitude -89° 7' 1" Dwelling Units 149

Size 1,790.14 acres

Residential Type Fixed

Assessed By: Kelsey Bowe
Assessment Date: 01-22-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress	ngress and Egress	
-	2 or more roads in and out	
	One road in and out (entrance and exit are the same)	
R	ecommended Mitigation Strategies	
	Keep community ingress/egress open and maintained (cleared of vegetation)	
	Develop community plan for evacuation routes, safe zones, staging areas	
	If community is gated, develop evacuation plan and ensure emergency responder access	
	Ensure residents know their closest exit in case of emergency	
Road V	/idth	
	Road width is > 24 feet	
	Road width is > 20 feet and < 24 feet	
-	Road width is < 20 feet	
R	ecommended Mitigation Strategies	
	Keep shoulders of road clear for emergency vehicle use whenever possible	
	Consider providing pull-offs every 100 yards for emergency vehicle use	
	Coordinate with fire department to ensure they are aware of road width limitations	
	Be aware that road width could limit emergency vehicles to brush trucks only	
Road A	ccessibility	
-	Surfaced road	
	Non-surfaced road, grade less than or equal to 5%	
	Non-surfaced road, grade greater than 5%	
	Non-maintained dirt road	
R	ecommended Mitigation Strategies	
Г	Ensure that road maintenance plan is in place	





Secondary Road Terminus
Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

☐ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- ☐ Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Local	Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

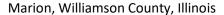
Predon	Predominant Vegetation		
\rightarrow	Light		
	Medium		
	Heavy		
	Extreme / Slash		
R	ecommended Mitigation Strategies		
	Use brick or stone along the edge of an island to slow the flame spread		
Defens	ible Space		
Deletis	•		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
→	< 30 ft. of vegetation treatment from structure(s)		
R	ecommended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	, , , , , , , , , , , , , , , , , , ,		
_	•		
	,		
	· · · · · · · · · · · · · · · · · · ·		
Structu	re-to-Structure Ignition		
	No Possible Structure-to-Structure Ignition		
\rightarrow	Possible Structure-to-Structure Ignition		
Re	ecommended Mitigation Strategies		
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk		
	Consider use of sprinkler systems to keep vegetation moisture levels up		
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible		

□ N/A





Slope	9	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	→	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	oofing Materials		
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles	
	Rec	commended Mitigation Strategies	
		Use fire-resistant roofing material such as metal, tile or Class A shingles	
		Inspect for and address gaps in roofing that can expose roof decking or supports	
		Place angle flashing over openings between the roof decking and fascia board	
)ebi	is or	n Roof	
	\rightarrow	No	
		Yes	
	Rec	commended Mitigation Strategies	
		Clear branch, leaf-litter and other debris from roof regularly	
		Prune tree limbs away from roof	
/ent	ilatio	on and Soffits	
		> 75% of homes have non-combustible ventilation soffits with mesh or screening	
		50-74% of homes have non-combustible ventilation soffits with mesh or screening	
	\rightarrow	< 50% of homes have non-combustible ventilation soffits with mesh or screening	
	Rec	commended Mitigation Strategies	
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation	
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco	
		Install a 1/8 inch metal screen behind roof vents	
idin	g		
	\rightarrow	> 75% of homes have non-combustible siding	
		50-74% of homes have non-combustible siding	
		< 50% of homes have non-combustible siding	
	Rec	commended Mitigation Strategies	
		Keep landscaping materials and vegetation away from combustible siding	
		Increase defensible space from combustible siding	
		Replace with noncombustible siding when possible	





Und	Inderskirting		
		> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
	\rightarrow	< 50% of homes have skirting underneath	
	Rec	commended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	oden	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Rec	commended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutt	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	commended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Buile	ding :	Setback	
		Not applicable	
		Greater than or equal to 30 feet from slope	
	\rightarrow	Less than 30 feet from slope	
	Rec	commended Mitigation Strategies	

□ Review suggested defensible space and vegetation management as pertains to building setback





Windo	ws	
		Not known
		Multi-paned
-	→	Single-paned
F	Reco	ommended Mitigation Strategies
ı		Install double-paned or tempered-glass windows, if possible
ı		Use metal framing or aluminum coverings for wood or vinyl
I		Use a fiberglass or metal screen
I		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	tilit	ies
	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	2	-
r	lecc	ommended Mitigation Strategies
[Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electri	c U	tilities
		Underground/clearly marked
-	→	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
F	Reco	ommended Mitigation Strategies
ı		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
ı		Plant less flammable bushes and shrubs around electrical cabinets
COMI	ΛEΝ	ITS

Colp

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

111 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 48' 18" -89° 5' 0" Longitude **Dwelling Units** 112

Size 375.17 acres **Residential Type** Mobile

Assessed By: **Assessment Date:**













SUPPRESSION ASSESSMENT

Ingres	Ingress and Egress		
	\rightarrow	2 or more roads in and out	
		One road in and out (entrance and exit are the same)	
ı	Reco	ommended Mitigation Strategies	
		Keep community ingress/egress open and maintained (cleared of vegetation)	
		Develop community plan for evacuation routes, safe zones, staging areas	
		If community is gated, develop evacuation plan and ensure emergency responder access	
		Ensure residents know their closest exit in case of emergency	
Road \	Wid	th	
		Road width is > 24 feet	
		Road width is > 20 feet and < 24 feet	
-	→	Road width is < 20 feet	
F	Reco	ommended Mitigation Strategies	
I		Keep shoulders of road clear for emergency vehicle use whenever possible	
I		Consider providing pull-offs every 100 yards for emergency vehicle use	
[Coordinate with fire department to ensure they are aware of road width limitations	
I		Be aware that road width could limit emergency vehicles to brush trucks only	
Road A	Acc	essibility	
-	→	Surfaced road	
		Non-surfaced road, grade less than or equal to 5%	
		Non-surfaced road, grade greater than 5%	
		Non-maintained dirt road	
F	Reco	ommended Mitigation Strategies	
-		Ensure that road maintenance plan is in place	

Colp





5	econd	lary F	Road 1	ermi	inus

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation

Colp



Recommended Mitigation Strategies



Haza	rdou	us Features
	\rightarrow	No notable hazardous features present to hinder fire suppression
		Fire suppression hindered by hazardous features
	Rec	commended Mitigation Strategies
		N/A
Loca	l Res	sponse Resources
	\rightarrow	5 miles or less from fire department
		More than 5 miles from fire department
	Rec	commended Mitigation Strategies
		N/A
Hom	100W	vners Association
	COW	iners Association
		HOA has organizational structure for sustained fire prevention and mitigation
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois

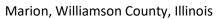


SURROUNDING ENVIRONMENT ASSESSMENT

Predo	Predominant Vegetation			
		Light		
_	>	Medium		
		Heavy		
		Extreme / Slash		
F	Rec	ommended Mitigation Strategies		
Г		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	_	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
[Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
[Prune trees 6'10 feet from the ground		
Defens	sibl	le Space		
		> 100 ft. of vegetation treatment from structure(s)		
		71 to 100 ft. of vegetation treatment from structure(s)		
		30 to 70 ft. of vegetation treatment from structure(s)		
_	-	< 30 ft. of vegetation treatment from structure(s)		
H	rec	ommended Mitigation Strategies		
[Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
[Mow lawns regularly		
	_	Water grass, plants, trees and mulch regularly		
	_	Create a spacing of 30 feet between tree crowns		
	_	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
]]	Remove dead vegetation from under the deck and within 10 feet of the house Consider xeriscaping if you are affected by water restrictions		
	_	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	_	Create fuel breaks like driveways and gravel walkways		
	_	Remove smaller conifers that are growing between taller trees		
		Remove heavy accumulations of woody debris		
[]	Reduce the density of tall trees so canopies do not touch		
Structi	ıre	-to-Structure Ignition		
-	>	No Possible Structure-to-Structure Ignition		
		Possible Structure-to-Structure Ignition		
R	Rec	ommended Mitigation Strategies		
		N/A		

Colp

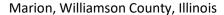
□ N/A





Slope	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Colp





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials			
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	commended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles		
		Inspect for and address gaps in roofing that can expose roof decking or supports		
		Place angle flashing over openings between the roof decking and fascia board		
Deb	ris or	n Roof		
	\rightarrow	No		
		Yes		
	Rec	commended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly		
		Prune tree limbs away from roof		
Vent	ilatio	on and Soffits		
		> 75% of homes have non-combustible ventilation soffits with mesh or screening		
		50-74% of homes have non-combustible ventilation soffits with mesh or screening		
	\rightarrow	< 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
		Install a 1/8 inch metal screen behind roof vents		
Sidin	g			
	\rightarrow	> 75% of homes have non-combustible siding		
		50-74% of homes have non-combustible siding		
		< 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding		
		Increase defensible space from combustible siding		
		Replace with noncombustible siding when possible		

Colp





Under	Underskirting		
		> 75% of homes have skirting underneath raised floors/decks	
	>	50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
ı	Reco	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Wood	en	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	→	< 50% of homes have NO Wooden Attachments	
ı	Reco	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	rs		
	→	Noncombustible	
		Combustible with leaf litter present	
ı	Reco	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Buildi	ng S	Setback Setbac	
	→	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
ı	Reco	ommended Mitigation Strategies	
		N/A	

Colp





Windows		
\rightarrow	Not known	
	Multi-paned	
	Single-paned	
Rec	commended Mitigation Strategies	
	Use metal framing or aluminum coverings for wood or vinyl	
	Use a fiberglass or metal screen	
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread	
Gas Utilit	tios	
\rightarrow	Underground/clearly marked or Not applicable	
	Above ground/clearly marked with a 30 foot cleared perimeter	
	Underground/not marked	
	Above ground/not marked	
Rec	commended Mitigation Strategies	
	Keep vegetation pruned to a minimal level near gas utilities	
	When possible, place propane tanks 20' away from home and structures	
Electric U	Itilities	
\rightarrow	Underground/clearly marked	
	Overhead with a 20 foot wide maintained right of way	
	Underground/not marked	
	Overhead with right of way not maintained	
Rec	commended Mitigation Strategies	
	Keep vegetation pruned and mowed around electric cabinets	
	Place non-flammable mulch (rock, stone) around base of electrical cabinets	
	Plant less flammable bushes and shrubs around electrical cabinets	
COMME	MTS.	
COMMI	N15	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

82 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 49' 24" Longitude -88° 47' 48"

Dwelling Units 35

Size 4,341.54 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-31-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ess a	nd Egress
	\rightarrow	2 or more roads in and out
		One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
Road	d Wic	dth
		Road width is > 24 feet
	\rightarrow	Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	_	
	Rec	rommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
		Consider providing pull-offs every 100 yards
Road	d Acc	essibility
	\rightarrow	Surfaced road
		Non-surfaced road, grade less than or equal to 5%
		Non-surfaced road, grade greater than 5%
		Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place





Seco	ndaı	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles
Stree	et Sig	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wate	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies

Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation



Recommended Mitigation Strategies



Haza	rdou	is Features
	\rightarrow	No notable hazardous features present to hinder fire suppression
		Fire suppression hindered by hazardous features
	Rec	ommended Mitigation Strategies
		N/A
Local	Res	ponse Resources
	\rightarrow	5 miles or less from fire department
		More than 5 miles from fire department
	Rec	ommended Mitigation Strategies
		N/A
Hom	eow	ners Association
		HOA has organizational structure for sustained fire prevention and mitigation
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

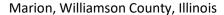
Predon	Predominant Vegetation		
\rightarrow	Light		
	Medium		
	Heavy		
	Extreme / Slash		
R	ecommended Mitigation Strategies		
	Use brick or stone along the edge of an island to slow the flame spread		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
Defensi	ible Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
→	< 30 ft. of vegetation treatment from structure(s)		
Re	ecommended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	, , , , , , , , , , , , , , , , , , ,		
	<u> </u>		
	, , ,		
Structu	re-to-Structure Ignition		
oti uctu			
_	No Possible Structure-to-Structure Ignition Possible Structure-to-Structure Ignition		
→			
Re	ecommended Mitigation Strategies		
	risk		
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible		

□ N/A





Slope					
-	>	Slope 0% - 5%			
		Slope 6 % - 10%			
		Slope 11% - 30%			
		Slope > 30%			
R	Rec	ommended Mitigation Strategies			
Г		N/A			
Area w	vith	History of High Fire Occurrence			
-	>	No recent History of High Fire Occurrence			
		Area with History of High Fire Occurrence			
R	Rec	ommended Mitigation Strategies			
		N/A			
Topog	rap	phical Features			
-	>	No topographical features that adversely affect wildland fire behavior			
		Topographical features that adversely affect wildland fire behavior			
F	Rec	ommended Mitigation Strategies			
Г	_	N/A			
Adjace	enc	y to Wildlands			
		Not adjacent to wildlands with accumulated fuels and no program for fuel management			
-	>	Adjacent to wildlands with accumulated fuels and no program for fuel management			
F	Rec	ommended Mitigation Strategies			
[_	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands			
Severe Wind Exposure					
_	>	Not in an area with regular exposure to severe winds			
		Regularly exposed to severe winds that adversely affect fire behavior			
F	Rec	ommended Mitigation Strategies			





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debi	is or	n Roof
		No
	\rightarrow	Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Undersk	irting
\rightarrow	> 75% of homes have skirting underneath raised floors/decks
	50-74% of homes have skirting underneath
	< 50% of homes have skirting underneath
Re	commended Mitigation Strategies
	Remove combustible vegetation and leaf litter
	Spread gravel or other non-combustible material under the deck
	Screen in the bottom of the deck with metal 1/8-inch screening
	Separate wooden fences from the house with a stone or metal barrier
Wooder	n Attachments
→	> 75% of homes have NO Wooden Attachments
	50-74% of homes have NO Wooden Attachments
	< 50% of homes have NO Wooden Attachments
Re	commended Mitigation Strategies
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially
	during high fire danger periods)
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
	Be aware that wooden attachments can act as a fuse to the structure
Gutters	
\rightarrow	Noncombustible
	Combustible with leaf litter present
Re	commended Mitigation Strategies
	Keep gutters clear of fine fuels and debris
Building	Setback
\rightarrow	Not applicable
	Greater than or equal to 30 feet from slope
	Less than 30 feet from slope
Re	commended Mitigation Strategies
	N/A





Wind	ows				
	→	Not known			
		Multi-paned			
		Single-paned			
	Reco	ommended Mitigation Strategies			
		Use metal framing or aluminum coverings for wood or vinyl			
		Use a fiberglass or metal screen			
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas U	Jtilit [*]	ies			
	→	Underground/clearly marked or Not applicable			
		Above ground/clearly marked with a 30 foot cleared perimeter			
		Underground/not marked			
		Above ground/not marked			
	Reci	ommended Mitigation Strategies			
		Keep vegetation pruned to a minimal level near gas utilities			
		When possible, place propane tanks 20' away from home and structures			
Electr	ic U	tilities			
		Underground/clearly marked			
	\rightarrow	Overhead with a 20 foot wide maintained right of way			
		Underground/not marked			
		Overhead with right of way not maintained			
	Reco	ommended Mitigation Strategies			
		Keep vegetation pruned and mowed around electric cabinets			
		Place non-flammable mulch (rock, stone) around base of electrical cabinets			
		Plant less flammable bushes and shrubs around electrical cabinets			
сомі	COMMENTS				

Crab Orchard

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

98 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 43' 41" Longitude -88° 48' 3"

Dwelling Units 200

Size 407.70 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-27-2025





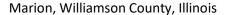


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress				
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
	Rec	commended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Roac	l Wid	dth			
		Road width is > 24 feet			
	\rightarrow	Road width is > 20 feet and < 24 feet			
		Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible			
		Consider providing pull-offs every 100 yards			
Roac	l Acc	essibility			
	→	Surfaced road			
	•				
		Non-surfaced road, grade less than or equal to 5%			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			





Seco	ndar	Road	Term	inus
3660	ııuaı ı	, ivoau	16111	IIIIus

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





Haza	rdou	us Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features		
	Rec	ommended Mitigation Strategies		
		N/A		
Loca	l Res	ponse Resources		
	→	5 miles or less from fire department More than 5 miles from fire department		
	Rec	Recommended Mitigation Strategies		
		N/A		
Hom	eow	ners Association		
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation		
	Rec	commended Mitigation Strategies		

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

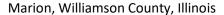
Predom	redominant Vegetation			
	Light			
\rightarrow	Medium			
	Heavy			
	Extreme / Slash			
Re	ecommended Mitigation Strategies			
	Fruite trees of 10 reet from the ground			
Defensi	ible Space			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
\rightarrow				
Re	ecommended Mitigation Strategies			
	-			
	, , , , , , , , , , , , , , , , , , ,			
	0 ,			
Structu	re-to-Structure Ignition			
ili uota.				
	No Possible Structure-to-Structure Ignition			
→	Possible Structure-to-Structure Ignition			
Re	ecommended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition			
	risk			
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible			

□ N/A





Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торо	ograp	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	loofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Debi	is or	n Roof			
		No			
	\rightarrow	Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
/ent	/entilation and Soffits				
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
		50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
idin	g				
	\rightarrow	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Unde	Underskirting			
		> 75% of homes have skirting underneath raised floors/decks		
	\rightarrow	50-74% of homes have skirting underneath		
		< 50% of homes have skirting underneath		
	Rec	ommended Mitigation Strategies		
		Remove combustible vegetation and leaf litter		
		Spread gravel or other non-combustible material under the deck		
		Screen in the bottom of the deck with metal 1/8-inch screening		
		Separate wooden fences from the house with a stone or metal barrier		
Woo	den	Attachments		
		> 75% of homes have NO Wooden Attachments		
	\rightarrow	50-74% of homes have NO Wooden Attachments		
		< 50% of homes have NO Wooden Attachments		
	Rec	ommended Mitigation Strategies		
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
		Be aware that wooden attachments can act as a fuse to the structure		
Gutt	ers			
	\rightarrow	Noncombustible		
		Combustible with leaf litter present		
	Rec	ommended Mitigation Strategies		
		Keep gutters clear of fine fuels and debris		
Build	ling S	Setback		
	→	Not applicable		
		Greater than or equal to 30 feet from slope		
		Less than 30 feet from slope		
	Rec	ommended Mitigation Strategies		
		N/A		





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
→	Underground/clearly marked or Not applicable
-,	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Itilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NITS.
COMMITTEE	NIS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

134 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 44' 57" Longitude -89° 8' 50"

Dwelling Units 50

Size 156.64 acres Residential Type Mobile

Assessed By: Kelsey Bowe
Assessment Date: 01-22-2025







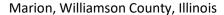


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	Ingress and Egress				
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
	Rec	ommended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Road	Wid	lth			
		Road width is > 24 feet			
		Road width is > 20 feet and < 24 feet			
	\rightarrow	Road width is < 20 feet			
	Reco	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible			
		Consider providing pull-offs every 100 yards for emergency vehicle use			
		Coordinate with fire department to ensure they are aware of road width limitations			
		Be aware that road width could limit emergency vehicles to brush trucks only			
Road	Acc	essibility			
	→	Surfaced road			
		Non-surfaced road, grade less than or equal to 5%			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
	Reco	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			





Secondary Road Terminus
Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- ☐ Keep hydrants clear of obstructions and vegetation

Marion, Williamson County, Illinois



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No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predon	redominant Vegetation				
\rightarrow	→ Light				
	Medium				
	Heavy				
	Extreme / Slash				
R	ecommended Mitigation Strategies				
	Use brick or stone along the edge of an island to slow the flame spread				
Defens	ible Space				
Deletis	•				
	> 100 ft. of vegetation treatment from structure(s)				
	71 to 100 ft. of vegetation treatment from structure(s)				
	30 to 70 ft. of vegetation treatment from structure(s)				
→	< 30 ft. of vegetation treatment from structure(s)				
R	ecommended Mitigation Strategies				
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space				
	Mow lawns regularly				
	Water grass, plants, trees and mulch regularly				
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_	•				
	,				
	· · · · · · · · · · · · · · · · · · ·				
Structu	re-to-Structure Ignition				
	No Possible Structure-to-Structure Ignition				
\rightarrow	Possible Structure-to-Structure Ignition				
Re	ecommended Mitigation Strategies				
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk				
	Consider use of sprinkler systems to keep vegetation moisture levels up				
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible				

□ N/A





Slope	9	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	→	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Deb	ris or	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
Vent	ilatio	on and Soffits
		> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
	\rightarrow	< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	commended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
Sidin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	commended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible

Marion, Williamson County, Illinois



Und	erski	rting
		> 75% of homes have skirting underneath raised floors/decks
		50-74% of homes have skirting underneath
	\rightarrow	< 50% of homes have skirting underneath
	Rec	commended Mitigation Strategies
		Remove combustible vegetation and leaf litter
		Spread gravel or other non-combustible material under the deck
		Screen in the bottom of the deck with metal 1/8-inch screening
		Separate wooden fences from the house with a stone or metal barrier
Woo	den	Attachments
		> 75% of homes have NO Wooden Attachments
		50-74% of homes have NO Wooden Attachments
	\rightarrow	< 50% of homes have NO Wooden Attachments
	Rec	commended Mitigation Strategies
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
		Be aware that wooden attachments can act as a fuse to the structure
Gutt	ers	
	→	Noncombustible
		Combustible with leaf litter present
	Rec	commended Mitigation Strategies
		Keep gutters clear of fine fuels and debris
Build	ding	Setback
		Not applicable
		Greater than or equal to 30 feet from slope
	\rightarrow	Less than 30 feet from slope
	Rec	commended Mitigation Strategies

□ Review suggested defensible space and vegetation management as pertains to building setback





Wind	Windows		
		Not known	
		Multi-paned	
	\rightarrow	Single-paned	
	Rec	ommended Mitigation Strategies	
		Install double-paned or tempered-glass windows, if possible	
		Use metal framing or aluminum coverings for wood or vinyl	
		Use a fiberglass or metal screen	
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread	
Gas l	Jtilit	ies	
	→	Underground/clearly marked or Not applicable	
		Above ground/clearly marked with a 30 foot cleared perimeter	
		Underground/not marked	
		Above ground/not marked	
	Rec	ommended Mitigation Strategies	
		Keep vegetation pruned to a minimal level near gas utilities	
		When possible, place propane tanks 20' away from home and structures	
Elect	ric U	Itilities	
		Underground/clearly marked	
	\rightarrow	Overhead with a 20 foot wide maintained right of way	
		Underground/not marked	
		Overhead with right of way not maintained	
	Rec	ommended Mitigation Strategies	
		Keep vegetation pruned and mowed around electric cabinets	
		Place non-flammable mulch (rock, stone) around base of electrical cabinets	
		Plant less flammable bushes and shrubs around electrical cabinets	
COM	IMEI	NTS	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

154 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

Extreme Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

Latitude 37° 41' 59" Longitude -89° 3' 16"

Dwelling Units 1

Size 31,804.93 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 04-22-2025



Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ss aı	nd Egress
		2 or more roads in and out
	\rightarrow	One road in and out (entrance and exit are the same)
	Rec	ommended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
		Evaluate adding a secondary ingress / egress route for use in emergencies
Road	Wid	lth
	\rightarrow	Road width is > 24 feet
		Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	Reco	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
	_	

Road Accessibility

→ Surfaced road

Non-surfaced road, grade less than or equal to 5%

Non-surfaced road, grade greater than 5%

Non-maintained dirt road

Recommended Mitigation Strategies

□ Ensure that road maintenance plan is in place

Marion, Williamson County, Illinois



Second		

→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- □ Maintain unobstructed access into cul-de-sacs
- ☐ Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

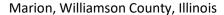
Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

□ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	lazardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Reco	ommended Mitigation Strategies	
		N/A	
Local	Res	ponse Resources	
Local	Res	ponse Resources 5 miles or less from fire department More than 5 miles from fire department	
Local	→	5 miles or less from fire department	

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

Be aware of the importance of early detection and reporting of any emergency

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

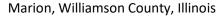
Predom	ninant Vegetation
	Light
	Medium
	Heavy
\rightarrow	Extreme / Slash
Re	ecommended Mitigation Strategies
	Identify heavy fuels and consider removal or breaking them up
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees
	Prune trees 6'10 feet from the ground
Defensi	ble Space
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
	30 to 70 ft. of vegetation treatment from structure(s)
\rightarrow	< 30 ft. of vegetation treatment from structure(s)
Re	ecommended Mitigation Strategies
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space
	Mow lawns regularly
	Water grass, plants, trees and mulch regularly
	Create a spacing of 30 feet between tree crowns
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials
	Remove dead vegetation from under the deck and within 10 feet of the house
	Consider xeriscaping if you are affected by water restrictions
	Reduce the density of tall trees so canopies do not touch
Structu	re-to-Structure Ignition
\rightarrow	No Possible Structure-to-Structure Ignition
	Possible Structure-to-Structure Ignition
Re	ecommended Mitigation Strategies
	N/A



□ N/A



Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	→	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	cy to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	Vind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

→ Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	fing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Deb	ris oı	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	tilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	commended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idir	ng	
		> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
	\rightarrow	< 50% of homes have non-combustible siding
	Rec	commended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Unde	Underskirting Control of the Control		
		> 75% of homes have skirting underneath raised floors/decks	
	\rightarrow	50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	→	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ing S	Setback	
	→	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
	Rec	rommended Mitigation Strategies	

□ N/A





Windows	5
	Not known
\rightarrow	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
÷	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric L	Jtilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
СОММЕ	NTS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

93 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 37' 16" Longitude -88° 50' 18"

Dwelling Units 180

Size 450.19 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-29-2025







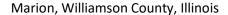


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress and Egress						
	\rightarrow	2 or more roads in and out One road in and out (entrance and exit are the same)				
	Rec	commended Mitigation Strategies				
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency				
Road	l Wic	dth				
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet				
	Rec	ommended Mitigation Strategies				
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards				
Road Accessibility						
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road				
	Rec	ommended Mitigation Strategies				
		Ensure that road maintenance plan is in place				





Secondary Road Terminus
Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





Hazardous Features					
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features			
	Rec	ommended Mitigation Strategies			
		N/A			
Loca	Local Response Resources				
	→	5 miles or less from fire department More than 5 miles from fire department			
	Rec	ommended Mitigation Strategies			
		N/A			
Homeowners Association					
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation			
	Rec	ommended Mitigation Strategies			

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

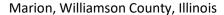
Predominant Vegetation						
	Light					
\rightarrow	Medium					
	Heavy					
	Extreme / Slash					
Re	commended Mitigation Strategies					
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation Trim tree capacities regularly to keep their branches a minimum of 10' from structures and other trees.					
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees					
	Prune trees 6'10 feet from the ground					
	Fruite trees of 10 feet from the ground					
Defensik	ple Space					
	> 100 ft. of vegetation treatment from structure(s)					
	71 to 100 ft. of vegetation treatment from structure(s)					
	30 to 70 ft. of vegetation treatment from structure(s)					
\rightarrow	< 30 ft. of vegetation treatment from structure(s)					
Re	commended Mitigation Strategies					
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space					
	Mow lawns regularly					
	Water grass, plants, trees and mulch regularly					
	Create a spacing of 30 feet between tree crowns					
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials					
	Remove dead vegetation from under the deck and within 10 feet of the house					
	Consider xeriscaping if you are affected by water restrictions					
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)					
	Create fuel breaks like driveways and gravel walkways					
	Remove smaller conifers that are growing between taller trees					
	Remove heavy accumulations of woody debris					
	Reduce the density of tall trees so canopies do not touch					
tructur	e-to-Structure Ignition					
	No Possible Structure-to-Structure Ignition					
\rightarrow	Possible Structure-to-Structure Ignition					
Rei	commended Mitigation Strategies					
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition					
	risk					
	Consider use of sprinkler systems to keep vegetation moisture levels up					
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible					

□ N/A





Slope				
	\rightarrow	Slope 0% - 5%		
		Slope 6 % - 10%		
		Slope 11% - 30%		
		Slope > 30%		
	Rec	commended Mitigation Strategies		
		N/A		
Area	witl	h History of High Fire Occurrence		
	\rightarrow	No recent History of High Fire Occurrence		
		Area with History of High Fire Occurrence		
	Rec	commended Mitigation Strategies		
		N/A		
Торо	ograj	phical Features		
	\rightarrow	No topographical features that adversely affect wildland fire behavior		
		Topographical features that adversely affect wildland fire behavior		
	Rec	commended Mitigation Strategies		
		N/A		
Adja	cenc	ey to Wildlands		
		Not adjacent to wildlands with accumulated fuels and no program for fuel management		
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management		
	Rec	commended Mitigation Strategies		
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands		
Severe Wind Exposure				
	\rightarrow	Not in an area with regular exposure to severe winds		
		Regularly exposed to severe winds that adversely affect fire behavior		
	Rec	commended Mitigation Strategies		





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Creal Springs

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials		
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles	
	Rec	commended Mitigation Strategies	
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board	
Debi	is or	n Roof	
	→	No Yes	
	Rec	commended Mitigation Strategies	
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof	
Vent	ilatio	on and Soffits	
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening	
		50-74% of homes have non-combustible ventilation soffits with mesh or screening	
		< 50% of homes have non-combustible ventilation soffits with mesh or screening	
	Rec	ommended Mitigation Strategies	
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation	
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents	
Sidin	g		
	→	> 75% of homes have non-combustible siding	
		50-74% of homes have non-combustible siding	
		< 50% of homes have non-combustible siding	
	Rec	ommended Mitigation Strategies	
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible	

Creal Springs





Unde	Underskirting		
	→	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
	\rightarrow	> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
		< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	Building Setback		
		Not applicable	
		Greater than or equal to 30 feet from slope	
	\rightarrow	Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	
		Review suggested defensible space and vegetation management as pertains to building setback	

Creal Springs





	_	
Windo	ws	
-	>	Not known
		Multi-paned
		Single-paned
F	leco	ommended Mitigation Strategies
[Use metal framing or aluminum coverings for wood or vinyl
Г		Use a fiberglass or metal screen
Г		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	iliti	ies
		Underground/clearly marked or Not applicable
-	>	Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
F	leco	ommended Mitigation Strategies
[Place markers around gas utilities where possible
Γ		Keep vegetation pruned to a minimal level near gas utilities
Г		When possible, place propane tanks 20' away from home and structures
Electri	c U	tilities
		Underground/clearly marked
-	>	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
F	lecc	ommended Mitigation Strategies
Γ		Keep vegetation pruned and mowed around electric cabinets
Г		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COMM	ΛEΝ	ITS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

123 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 46' 26" Longitude -88° 58' 2"

Dwelling Units 100

Size 1,155.76 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 02-13-2025







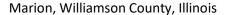


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingres	Ingress and Egress		
	\rightarrow	2 or more roads in and out	
		One road in and out (entrance and exit are the same)	
ı	Reco	ommended Mitigation Strategies	
		Keep community ingress/egress open and maintained (cleared of vegetation)	
		Develop community plan for evacuation routes, safe zones, staging areas	
		If community is gated, develop evacuation plan and ensure emergency responder access	
		Ensure residents know their closest exit in case of emergency	
Road \	Wid	th	
		Road width is > 24 feet	
		Road width is > 20 feet and < 24 feet	
-	→	Road width is < 20 feet	
F	Reco	ommended Mitigation Strategies	
I		Keep shoulders of road clear for emergency vehicle use whenever possible	
I		Consider providing pull-offs every 100 yards for emergency vehicle use	
[Coordinate with fire department to ensure they are aware of road width limitations	
I		Be aware that road width could limit emergency vehicles to brush trucks only	
Road A	Acc	essibility	
-	→	Surfaced road	
		Non-surfaced road, grade less than or equal to 5%	
		Non-surfaced road, grade greater than 5%	
		Non-maintained dirt road	
F	Reco	ommended Mitigation Strategies	
-		Ensure that road maintenance plan is in place	





Secondary	Road Terminus
-----------	---------------

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





Haza	lazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Loca	l Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

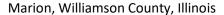
Predom	Predominant Vegetation		
	Light		
	Medium		
→	Heavy		
	Extreme / Slash		
Re	ecommended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
Defensi	ble Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
→	< 30 ft. of vegetation treatment from structure(s)		
Re	ecommended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	, , ,		
	ü		
	, , , , , , , , , , , , , , , , , , ,		
	() () ()		
	Reduce the density of tall trees so canopies do not touch		
Structu	re-to-Structure Ignition		
\rightarrow	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Re	ecommended Mitigation Strategies		
	N/A		

□ N/A





Slope	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped 10% to 50% of lots are undeveloped

→ 51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing l	Materials
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	→	No Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening 50-74% of homes have non-combustible ventilation soffits with mesh or screening < 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents
idin	g	
	→	> 75% of homes have non-combustible siding 50-74% of homes have non-combustible siding < 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible





Unders	Underskirting		
	> 75% of homes have skirting underneath raised floors/decks		
->	50-74% of homes have skirting underneath		
	< 50% of homes have skirting underneath		
R	ecommended Mitigation Strategies		
	Remove combustible vegetation and leaf litter		
	Spread gravel or other non-combustible material under the deck		
	Screen in the bottom of the deck with metal 1/8-inch screening		
	Separate wooden fences from the house with a stone or metal barrier		
Woode	n Attachments		
	> 75% of homes have NO Wooden Attachments		
	50-74% of homes have NO Wooden Attachments		
->	< 50% of homes have NO Wooden Attachments		
R	ecommended Mitigation Strategies		
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
	Be aware that wooden attachments can act as a fuse to the structure		
Gutter			
-)	Noncombustible		
	Combustible with leaf litter present		
R	ecommended Mitigation Strategies		
	Keep gutters clear of fine fuels and debris		
Buildin	g Setback		
-)	Not applicable		
	Greater than or equal to 30 feet from slope		
	Less than 30 feet from slope		
R	ecommended Mitigation Strategies		
	N/A		





Windows		
	\rightarrow	Not known
		Multi-paned
		Single-paned
	Rec	ommended Mitigation Strategies
		Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas U	+ilit	ios
•	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	Reco	ommended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electr	ic U	tilities
	→	Underground/clearly marked
		Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
	Reci	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COMI	MEN	NTS TO THE PROPERTY OF THE PRO

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

141 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

Latitude 37° 37' 24" Longitude -89° 6' 22"

Dwelling Units 1

Size 10,949.05 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 04-22-2025



Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ngress and Egress				
		2 or more roads in and out			
	\rightarrow	One road in and out (entrance and exit are the same)			
	Rec	commended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies			
Road	d Wid	dth			
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards			
Road	d Acc	essibility			
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			

Marion, Williamson County, Illinois



Second		

→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- □ Maintain unobstructed access into cul-de-sacs
- Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

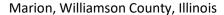
Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Local	Local Response Resources		
		5 miles or less from fire department	
	\rightarrow	More than 5 miles from fire department	

Recommended Mitigation Strategies

- $\hfill \square$ Establish and maintain contact with the closest Fire Department
- ☐ Be aware of the importance of early detection and reporting of any emergency

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predomi	inant Vegetation
	Light
	Medium
\rightarrow	Heavy
	Extreme / Slash
Rei	commended Mitigation Strategies
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees
	Prune trees 6'10 feet from the ground
Defensib	ole Space
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
\rightarrow	30 to 70 ft. of vegetation treatment from structure(s)
	< 30 ft. of vegetation treatment from structure(s)
Red	commended Mitigation Strategies
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space
	Mow lawns regularly
	Water grass, plants, trees and mulch regularly
	Create a spacing of 30 feet between tree crowns
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials
	Remove dead vegetation from under the deck and within 10 feet of the house
	Consider xeriscaping if you are affected by water restrictions
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)
	Create fuel breaks like driveways and gravel walkways
Structur	e-to-Structure Ignition
\rightarrow	No Possible Structure-to-Structure Ignition
	Possible Structure-to-Structure Ignition
Red	commended Mitigation Strategies
	N/A



□ N/A



Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped 10% to 50% of lots are undeveloped

→ 51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials			
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	commended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles		
		Inspect for and address gaps in roofing that can expose roof decking or supports		
		Place angle flashing over openings between the roof decking and fascia board		
Debr	is or	n Roof		
	\rightarrow	No		
		Yes		
	Rec	commended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly		
		Prune tree limbs away from roof		
/entilation and Soffits				
		> 75% of homes have non-combustible ventilation soffits with mesh or screening		
	\rightarrow	50-74% of homes have non-combustible ventilation soffits with mesh or screening		
		< 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	commended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
		Install a 1/8 inch metal screen behind roof vents		
idin	g			
		> 75% of homes have non-combustible siding		
		50-74% of homes have non-combustible siding		
	\rightarrow	< 50% of homes have non-combustible siding		
	Rec	commended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding		
		Increase defensible space from combustible siding		
		Replace with noncombustible siding when possible		





Under	Underskirting		
		> 75% of homes have skirting underneath raised floors/decks	
	>	50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
ı	Reco	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Wood	en	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
•	→	< 50% of homes have NO Wooden Attachments	
	Reco	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	rs		
	→	Noncombustible	
		Combustible with leaf litter present	
ı	Reco	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Buildi	ng S	Setback Setbac	
	→	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
	Reco	ommended Mitigation Strategies	
		N/A	





Windo	ws	
		Not known
-	→	Multi-paned
		Single-paned
1	Reco	ommended Mitigation Strategies
		Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
l		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas U	tiliti	ies
-	>	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
I	Reco	ommended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electri	c U	tilities
		Underground/clearly marked
		Overhead with a 20 foot wide maintained right of way
		Underground/not marked
-	>	Overhead with right of way not maintained
1	Reco	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric right of ways
COM	ЛEN	ITS
		·····

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

85 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 41' 45" Longitude -88° 45' 2"

Dwelling Units 25

Size 3,880.37 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-31-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ess a	nd Egress
	\rightarrow	2 or more roads in and out
		One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
Road	l Wid	dth
		Road width is > 24 feet
	\rightarrow	Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	Rec	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
		Consider providing pull-offs every 100 yards
Roac	l Acc	essibility
	→	Surfaced road
	•	
		Non-surfaced road, grade less than or equal to 5%
		Non-surfaced road, grade greater than 5%
		Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place





Seco	ndaı	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles
Stre	et Sig	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driv	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies

Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Haza	azardous Features	
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features
	Rec	ommended Mitigation Strategies
		N/A
Loca	l Res	ponse Resources
	\rightarrow	5 miles or less from fire department
		More than 5 miles from fire department
	Rec	ommended Mitigation Strategies
		N/A
Hom	Iomeowners Association	
		HOA has organizational structure for sustained fire prevention and mitigation
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation
	Rec	ommended Mitigation Strategies

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

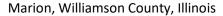
Predom	Predominant Vegetation		
\rightarrow	Light		
	Medium		
	Heavy		
	Extreme / Slash		
Re	commended Mitigation Strategies		
	Use brick or stone along the edge of an island to slow the flame spread		
	Consider landscaping using single plants or groups within islands to separate fuels		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
Defensi	ble Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Re	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris Reduce the density of tall trees so canopies do not touch		
	neduce the density of tall trees so carlopies do not todali		
Structur	re-to-Structure Ignition		
	No Possible Structure-to-Structure Ignition		
\rightarrow	Possible Structure-to-Structure Ignition		
Re	commended Mitigation Strategies		
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk		
	Consider use of sprinkler systems to keep vegetation moisture levels up		
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible		

□ N/A





Slope			
\rightarrow	Slope 0% - 5%		
	Slope 6 % - 10%		
	Slope 11% - 30%		
	Slope > 30%		
Rei	commended Mitigation Strategies		
	N/A		
Area wit	th History of High Fire Occurrence		
→	No recent History of High Fire Occurrence		
	Area with History of High Fire Occurrence		
Rei	commended Mitigation Strategies		
	N/A		
Topogra	Topographical Features		
→	No topographical features that adversely affect wildland fire behavior		
	Topographical features that adversely affect wildland fire behavior		
Re	commended Mitigation Strategies		
	N/A		
Adjacen	cy to Wildlands		
	Not adjacent to wildlands with accumulated fuels and no program for fuel management		
\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management		
Re	commended Mitigation Strategies		
	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands		
Severe V	Wind Exposure		
→	Not in an area with regular exposure to severe winds		
	Regularly exposed to severe winds that adversely affect fire behavior		
Re	commended Mitigation Strategies		





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debi	is or	n Roof
		No
	\rightarrow	Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Underskirting				
-	>	> 75% of homes have skirting underneath raised floors/decks		
		50-74% of homes have skirting underneath		
		< 50% of homes have skirting underneath		
R	Reco	ommended Mitigation Strategies		
[_	Remove combustible vegetation and leaf litter		
[Spread gravel or other non-combustible material under the deck		
		Screen in the bottom of the deck with metal 1/8-inch screening		
[Separate wooden fences from the house with a stone or metal barrier		
Woode	en <i>i</i>	Attachments		
		> 75% of homes have NO Wooden Attachments		
-	>	50-74% of homes have NO Wooden Attachments		
		< 50% of homes have NO Wooden Attachments		
R	Reco	ommended Mitigation Strategies		
[Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
С		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
		Be aware that wooden attachments can act as a fuse to the structure		
Gutter	s			
-	>	Noncombustible		
		Combustible with leaf litter present		
R	Reco	ommended Mitigation Strategies		
Г		Keep gutters clear of fine fuels and debris		
Building Setback				
-	>	Not applicable		
		Greater than or equal to 30 feet from slope		
		Less than 30 feet from slope		
R	Reco	ommended Mitigation Strategies		
С		N/A		





Windows				
\rightarrow	Not known			
	Multi-paned			
	Single-paned			
Rec	ommended Mitigation Strategies			
	Use metal framing or aluminum coverings for wood or vinyl			
	Use a fiberglass or metal screen			
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas Utilit	ies			
→	Underground/clearly marked or Not applicable			
-,	Above ground/clearly marked with a 30 foot cleared perimeter			
	Underground/not marked			
	•			
	Above ground/not marked			
Rec	commended Mitigation Strategies			
	Keep vegetation pruned to a minimal level near gas utilities			
	When possible, place propane tanks 20' away from home and structures			
Electric U	Itilities			
	Underground/clearly marked			
\rightarrow	Overhead with a 20 foot wide maintained right of way			
	Underground/not marked			
	Overhead with right of way not maintained			
Rec	ommended Mitigation Strategies			
	Keep vegetation pruned and mowed around electric cabinets			
	Place non-flammable mulch (rock, stone) around base of electrical cabinets			
	Plant less flammable bushes and shrubs around electrical cabinets			
COMMENTS				
COMME				

Ferges

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

96 - Moderate

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 47' 39" Longitude -88° 58' 4"

Dwelling Units 50

Size 2,269.12 acres

Residential Type Fixed

Assessed By: Kelsey Bowe
Assessment Date: 01-22-2025







Ferges

Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress and Egress				
	→	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Recommended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road Width				
		Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
-	→	Road width is < 20 feet		
ı	Reco	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
		Consider providing pull-offs every 100 yards for emergency vehicle use		
		Coordinate with fire department to ensure they are aware of road width limitations		
		Be aware that road width could limit emergency vehicles to brush trucks only		
Road	Acc	essibility		
	→	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
ı	Reco	ommended Mitigation Strategies		
	П	Ensure that road maintenance plan is in place		

Ferges





Seco	ndaı	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stre	et Sig	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driveways		
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
	→	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

□ Keep hydrants clear of obstructions and vegetation





Hazaı	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Local	Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Home	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	→	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

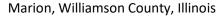
Predom	Predominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Re	commended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
	Prune trees 6'10 feet from the ground		
Defensil	ple Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Re	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
tructur	e-to-Structure Ignition		
\rightarrow	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Re	commended Mitigation Strategies		
	N/A		

□ N/A





Slope	
\rightarrow	Slope 0% - 5%
	Slope 6 % - 10%
	Slope 11% - 30%
	Slope > 30%
Rei	commended Mitigation Strategies
	N/A
Area wit	th History of High Fire Occurrence
→	No recent History of High Fire Occurrence
	Area with History of High Fire Occurrence
Rei	commended Mitigation Strategies
	N/A
Topogra	phical Features
→	No topographical features that adversely affect wildland fire behavior
	Topographical features that adversely affect wildland fire behavior
Re	commended Mitigation Strategies
	N/A
Adjacen	cy to Wildlands
	Not adjacent to wildlands with accumulated fuels and no program for fuel management
\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
Re	commended Mitigation Strategies
	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Severe V	Wind Exposure
→	Not in an area with regular exposure to severe winds
	Regularly exposed to severe winds that adversely affect fire behavior
Re	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board
Debi	is or	n Roof
	→	No Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof
Vent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents
Sidin	g	
	→	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible





Unde	Underskirting		
	→	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
ı	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Wood	len	Attachments	
		> 75% of homes have NO Wooden Attachments	
	\rightarrow	50-74% of homes have NO Wooden Attachments	
		< 50% of homes have NO Wooden Attachments	
ı	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	rs		
	→	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Buildi	ng S	Setback	
		Not applicable	
		Greater than or equal to 30 feet from slope	
	→	Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	
		Review suggested defensible space and vegetation management as pertains to building setback	





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
→	Underground/clearly marked or Not applicable
-,	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Itilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NITS.
COMMITTEE	NIS -

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

90 - Moderate

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 51' 26" Longitude -88° 56' 14"

Dwelling Units 30

Size 53.00 acres Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025







Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

ingre	ess a	nd Egress
		2 or more roads in and out
	\rightarrow	One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
		Evaluate adding a secondary ingress / egress route for use in emergencies
Road	l Wid	dth
	\rightarrow	Road width is > 24 feet
		Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	Rec	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
Poac	l Acc	escibility

Surfaced road

Non-surfaced road, grade less than or equal to 5%

Non-surfaced road, grade greater than 5%

Non-maintained dirt road

Recommended Mitigation Strategies

□ Ensure that road maintenance plan is in place





	- /	,
Seco	nda	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles
Stre	et Sig	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
		Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
	_	Water sources located within 4 miles of community (incl heli din sites)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	rdou	us Features
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features
	Rec	ommended Mitigation Strategies
		N/A
Loca	Res	ponse Resources
	→	5 miles or less from fire department More than 5 miles from fire department
	Rec	ommended Mitigation Strategies
		N/A
Hom	eow	ners Association
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation
	Rec	ommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

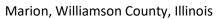
Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

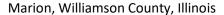
Predom	Predominant Vegetation		
\rightarrow	Light		
	Medium		
	Heavy		
	Extreme / Slash		
Re	commended Mitigation Strategies		
	Use brick or stone along the edge of an island to slow the flame spread		
	Consider landscaping using single plants or groups within islands to separate fuels		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	consider removal or ladder rueis that allow life to climb from lower to higher vegetation		
Defensil	ble Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Re	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
Structur	e-to-Structure Ignition		
→	No Possible Structure-to-Structure Ignition		
·	Possible Structure-to-Structure Ignition		
P.o.	commended Mitigation Strategies		
	N/A		

□ N/A





Slope		
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торо	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adjac	enc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Sever	e W	/ind Exposure
	→	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	ommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	→	No
		Yes
	Rec	ommended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Unde	erski	rting	
		> 75% of homes have skirting underneath raised floors/decks	
	\rightarrow	50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
	\rightarrow	> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
		< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	→	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ling S	Setback Setback	
		Not applicable	
		Greater than or equal to 30 feet from slope	
	→	Less than 30 feet from slope	

Review suggested defensible space and vegetation management as pertains to building setback

Recommended Mitigation Strategies





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
→	Underground/clearly marked or Not applicable
-,	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Itilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NITS.
COMMITTEE	NIS -

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

138 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 51' 26" Longitude -88° 59' 54"

Dwelling Units 89

Size 410.74 acres

Residential Type Fixed







Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingres	Ingress and Egress		
	\rightarrow	2 or more roads in and out	
		One road in and out (entrance and exit are the same)	
ı	Reco	ommended Mitigation Strategies	
		Keep community ingress/egress open and maintained (cleared of vegetation)	
		Develop community plan for evacuation routes, safe zones, staging areas	
		If community is gated, develop evacuation plan and ensure emergency responder access	
		Ensure residents know their closest exit in case of emergency	
Road \	Wid	th	
		Road width is > 24 feet	
		Road width is > 20 feet and < 24 feet	
-	→	Road width is < 20 feet	
F	Reco	ommended Mitigation Strategies	
I		Keep shoulders of road clear for emergency vehicle use whenever possible	
I		Consider providing pull-offs every 100 yards for emergency vehicle use	
[Coordinate with fire department to ensure they are aware of road width limitations	
I		Be aware that road width could limit emergency vehicles to brush trucks only	
Road A	Acc	essibility	
-	→	Surfaced road	
		Non-surfaced road, grade less than or equal to 5%	
		Non-surfaced road, grade greater than 5%	
		Non-maintained dirt road	
F	Reco	ommended Mitigation Strategies	
-		Ensure that road maintenance plan is in place	

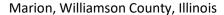




Seco	nda	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
	\rightarrow	Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responder are aware of dead-end roads
Stree	et Si	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
Present but wooden, non-reflective, or lettering less than 4" Not present		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ıpply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- □ Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





Hazar	dous	Feat	ures
-------	------	------	------

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- ☐ Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predomi	redominant Vegetation			
	Light			
\rightarrow	Medium			
	Heavy			
	Extreme / Slash			
Rei	commended Mitigation Strategies			
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation			
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees			
	Prune trees 6'10 feet from the ground			
	Fruite trees o 10 feet from the ground			
Defensik	ole Space			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
\rightarrow	< 30 ft. of vegetation treatment from structure(s)			
Red	commended Mitigation Strategies			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
	Mow lawns regularly			
	Water grass, plants, trees and mulch regularly			
	Create a spacing of 30 feet between tree crowns			
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials			
	Remove dead vegetation from under the deck and within 10 feet of the house			
	Consider xeriscaping if you are affected by water restrictions			
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
	Create fuel breaks like driveways and gravel walkways			
	Remove smaller conifers that are growing between taller trees			
	Remove heavy accumulations of woody debris Reduce the density of tall trees so canopies do not touch			
	Reduce the density of tall trees so canopies do not touch			
Structur	e-to-Structure Ignition			
	No Possible Structure-to-Structure Ignition			
\rightarrow	Possible Structure-to-Structure Ignition			
Red	commended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk			
	Consider use of sprinkler systems to keep vegetation moisture levels up			
	Penlace flammable roofs, siding, soffits, etc. with ponflammable when possible			





Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	→	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торс	gra	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	cy to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	Vind Exposure
		Not in an area with regular exposure to severe winds
	\rightarrow	Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies
		Maintain situational awareness of fire danger in your area, as local severe wind exposure can adversely affect

wildland behavior





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	ommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	\rightarrow	No
		Yes
	Rec	ommended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
		> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
	\rightarrow	< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible

□ N/A





Unders	Jnderskirting			
	> 75% of homes have skirting underneath raised floors/decks			
	50-74% of homes have skirting underneath			
\rightarrow	< 50% of homes have skirting underneath			
Re	ecommended Mitigation Strategies			
	Remove combustible vegetation and leaf litter			
	Spread gravel or other non-combustible material under the deck			
	Screen in the bottom of the deck with metal 1/8-inch screening			
	Separate wooden fences from the house with a stone or metal barrier			
Woode	n Attachments			
	> 75% of homes have NO Wooden Attachments			
	50-74% of homes have NO Wooden Attachments			
\rightarrow	< 50% of homes have NO Wooden Attachments			
Re	Recommended Mitigation Strategies			
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)			
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials			
	Be aware that wooden attachments can act as a fuse to the structure			
Gutters				
\rightarrow	Noncombustible			
	Combustible with leaf litter present			
Re	Recommended Mitigation Strategies			
	Keep gutters clear of fine fuels and debris			
Building	g Setback			
\rightarrow	Not applicable			
	Greater than or equal to 30 feet from slope			
	Less than 30 feet from slope			
Re	ecommended Mitigation Strategies			





Wind	dows	s
		Not known
		Multi-paned
	\rightarrow	Single-paned
	Rec	commended Mitigation Strategies
		Install double-paned or tempered-glass windows, if possible Use metal framing or aluminum coverings for wood or vinyl Use a fiberglass or metal screen Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas	Utilit	ties
	→	Underground/clearly marked or Not applicable Above ground/clearly marked with a 30 foot cleared perimeter Underground/not marked Above ground/not marked
	Rec	commended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities When possible, place propane tanks 20' away from home and structures
Elect	ric U	J tilities
	→	Underground/clearly marked Overhead with a 20 foot wide maintained right of way Underground/not marked Overhead with right of way not maintained
	Rec	commended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets Place non-flammable mulch (rock, stone) around base of electrical cabinets Plant less flammable bushes and shrubs around electrical cabinets

COMMENTS

The Freemanspur community is surrounded by a large amount of Agriculture fields that hold potential for high winds and rapid fire spread. Along with a lot of unmaintained brush near structures.

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

159 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Extreme Hazard

Fire Protection District

Hurst Fire Department

Community Information

Latitude 37° 49' 43" Longitude -89° 8' 32"

Dwelling Units 400

Size 523.84 acres

Residential Type Fixed

Assessed By: Kelsey Bowe
Assessment Date: 01-22-2025







Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress	ngress and Egress		
-	2 or more roads in and out		
	One road in and out (entrance and exit are the same)		
R	ecommended Mitigation Strategies		
	Keep community ingress/egress open and maintained (cleared of vegetation)		
	Develop community plan for evacuation routes, safe zones, staging areas		
	If community is gated, develop evacuation plan and ensure emergency responder access		
	Ensure residents know their closest exit in case of emergency		
Road V	/idth		
	Road width is > 24 feet		
	Road width is > 20 feet and < 24 feet		
-	Road width is < 20 feet		
R	ecommended Mitigation Strategies		
	Keep shoulders of road clear for emergency vehicle use whenever possible		
	Consider providing pull-offs every 100 yards for emergency vehicle use		
	Coordinate with fire department to ensure they are aware of road width limitations		
	Be aware that road width could limit emergency vehicles to brush trucks only		
Road A	ccessibility		
-	Surfaced road		
	Non-surfaced road, grade less than or equal to 5%		
	Non-surfaced road, grade greater than 5%		
	Non-maintained dirt road		
R	ecommended Mitigation Strategies		
Г	Ensure that road maintenance plan is in place		





Secondary F	Road Terminus
-------------	---------------

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

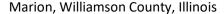
Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





				_	_	
27	2"	~		· C/	11	ures
az	aı	uı	JU.) Fe	au	ures

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

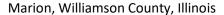
Predominant Vegetation					
- >	Light				
	Medium				
	Heavy				
	Extreme / Slash				
R	ecommended Mitigation Strategies				
	Use brick or stone along the edge of an island to slow the flame spread				
	Consider landscaping using single plants or groups within islands to separate fuels				
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation				
Defens	ible Space				
	> 100 ft. of vegetation treatment from structure(s)				
	71 to 100 ft. of vegetation treatment from structure(s)				
	30 to 70 ft. of vegetation treatment from structure(s)				
\rightarrow	< 30 ft. of vegetation treatment from structure(s)				
R	ecommended Mitigation Strategies				
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space				
	Mow lawns regularly				
	Water grass, plants, trees and mulch regularly				
	, , ,				
	•				
	,				
	Remove heavy accumulations of woody debris				
	Reduce the density of tall trees so canopies do not touch				
Structu	re-to-Structure Ignition				
	No Possible Structure-to-Structure Ignition				
\rightarrow	Possible Structure-to-Structure Ignition				
R	ecommended Mitigation Strategies				
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk				
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible				

□ N/A





Slope					
→	Slope 0% - 5%				
	Slope 6 % - 10%				
	Slope 11% - 30%				
	Slope > 30%				
Re	commended Mitigation Strategies				
	N/A				
Area wit	Area with History of High Fire Occurrence				
\rightarrow	No recent History of High Fire Occurrence				
	Area with History of High Fire Occurrence				
Re	commended Mitigation Strategies				
	N/A				
Topographical Features					
\rightarrow	No topographical features that adversely affect wildland fire behavior				
	Topographical features that adversely affect wildland fire behavior				
Re	commended Mitigation Strategies				
	N/A				
Adjacen	cy to Wildlands				
	Not adjacent to wildlands with accumulated fuels and no program for fuel management				
→	Adjacent to wildlands with accumulated fuels and no program for fuel management				
Re	commended Mitigation Strategies				
	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands				
Severe \	Wind Exposure				
\rightarrow	Not in an area with regular exposure to severe winds				
	Regularly exposed to severe winds that adversely affect fire behavior				
Re	commended Mitigation Strategies				





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roofing Materials						
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles				
	Rec	commended Mitigation Strategies				
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board				
Debris on Roof						
	→	No Yes				
	Rec	commended Mitigation Strategies				
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof				
Ventilation and Soffits						
	→	> 75% of homes have non-combustible ventilation soffits with mesh or screening 50-74% of homes have non-combustible ventilation soffits with mesh or screening < 50% of homes have non-combustible ventilation soffits with mesh or screening				
	Rec	commended Mitigation Strategies				
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents				
Sidin	ıσ					
	÷	> 75% of homes have non-combustible siding 50-74% of homes have non-combustible siding < 50% of homes have non-combustible siding				
	Rec	commended Mitigation Strategies				
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible				





Underskirting				
		> 75% of homes have skirting underneath raised floors/decks		
		50-74% of homes have skirting underneath		
	\rightarrow	< 50% of homes have skirting underneath		
	Rec	ommended Mitigation Strategies		
		Remove combustible vegetation and leaf litter		
		Spread gravel or other non-combustible material under the deck		
		Screen in the bottom of the deck with metal 1/8-inch screening		
		Separate wooden fences from the house with a stone or metal barrier		
Woo	den	Attachments		
		> 75% of homes have NO Wooden Attachments		
		50-74% of homes have NO Wooden Attachments		
	\rightarrow	< 50% of homes have NO Wooden Attachments		
	Recommended Mitigation Strategies			
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
		Be aware that wooden attachments can act as a fuse to the structure		
Gutt	ers			
	\rightarrow	Noncombustible		
		Combustible with leaf litter present		
	Recommended Mitigation Strategies			
		Keep gutters clear of fine fuels and debris		
Building Setback				
		Not applicable		
		Greater than or equal to 30 feet from slope		
	\rightarrow	Less than 30 feet from slope		
	Rec	ommended Mitigation Strategies		

□ Review suggested defensible space and vegetation management as pertains to building setback

Hurst





Windows		
		Not known
		Multi-paned
	\rightarrow	Single-paned
	Rec	ommended Mitigation Strategies
		Install double-paned or tempered-glass windows, if possible
		Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas l	Jtilit	ies
	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	Rec	ommended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Elect	ric U	Itilities
		Underground/clearly marked
	\rightarrow	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
	Rec	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COM	IMEI	NTS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

83 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

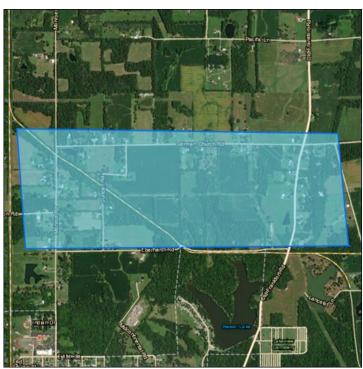
Latitude 37° 50' 17" Longitude -88° 54' 46"

Dwelling Units 30

Size 570.13 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road	l Wid	dth		
	\rightarrow	Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
		Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
Road	Acc	essibility		
	\rightarrow	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		· · · · · · · · · · · · · · · · · · ·		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





Seco	Secondary Road Terminus		
		Road ends in a cul-de-sac, diameter > 100 feet	
		Road ends in a cul-de-sac, diameter < 100 feet	
		Dead end road <200 feet long	
	\rightarrow	Dead end road >200 feet long	
	Rec	ommended Mitigation Strategies	
		Ensure emergency responders are aware of dead-end roads	
		If dead-end roads are narrow, restrict access during an emergency	
Stree	et Sig	gns	
	→	Present, lettering 4 inches high, non-flammable and reflective	
		Present but wooden, non-reflective, or lettering less than 4"	
		Not present	
	Rec	ommended Mitigation Strategies	
		Keep street signs visible and clear of vegetation and fine fuels	
Drive	eway	ys	
	\rightarrow	Average driveway allows access to homes	
		Average driveway restricts access to homes	
	Rec	ommended Mitigation Strategies	
		Maintain driveway access and clearance	
Wate	er Su	pply	
	→	Has pressurized hydrants	
		Dry Hydrant(s) / Draft available within the community	
		Other accessible sources within community (pond, lake, etc.)	
		Water sources located within 4 miles of community (incl heli dip sites)	
		No water sources in or within 4 miles of the community	
	Rec	ommended Mitigation Strategies	

Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Reco	ommended Mitigation Strategies	
		N/A	
Loca	l Res	ponse Resources	
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department	
	Reco	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation	
	Reco	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predo	Predominant Vegetation			
		Light		
_	>	Medium		
		Heavy		
		Extreme / Slash		
F	Rec	ommended Mitigation Strategies		
Г		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	_	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
[Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
[Prune trees 6'10 feet from the ground		
Defens	sibl	le Space		
		> 100 ft. of vegetation treatment from structure(s)		
		71 to 100 ft. of vegetation treatment from structure(s)		
		30 to 70 ft. of vegetation treatment from structure(s)		
_	-	< 30 ft. of vegetation treatment from structure(s)		
H	rec	ommended Mitigation Strategies		
[Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
[Mow lawns regularly		
	_	Water grass, plants, trees and mulch regularly		
	_	Create a spacing of 30 feet between tree crowns		
	_	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
]]	Remove dead vegetation from under the deck and within 10 feet of the house Consider xeriscaping if you are affected by water restrictions		
	_	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	_	Create fuel breaks like driveways and gravel walkways		
	_	Remove smaller conifers that are growing between taller trees		
		Remove heavy accumulations of woody debris		
[]	Reduce the density of tall trees so canopies do not touch		
Structi	ıre	-to-Structure Ignition		
-	>	No Possible Structure-to-Structure Ignition		
		Possible Structure-to-Structure Ignition		
R	Rec	ommended Mitigation Strategies		
		N/A		



□ N/A



Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
)eb	ris or	n Roof			
	\rightarrow	No			
		Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
/ent	ilatio	on and Soffits			
	→	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
	•	50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	commended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
idin	ıg				
	→	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Undersl	Underskirting		
\rightarrow	> 75% of homes have skirting underneath raised floors/decks		
	50-74% of homes have skirting underneath		
	< 50% of homes have skirting underneath		
Re	ecommended Mitigation Strategies		
	Remove combustible vegetation and leaf litter		
	Separate wooden fences from the house with a stone or metal barrier		
Woode	n Attachments		
	> 75% of homes have NO Wooden Attachments		
	50-74% of homes have NO Wooden Attachments		
\rightarrow	< 50% of homes have NO Wooden Attachments		
Re	ecommended Mitigation Strategies		
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
	Be aware that wooden attachments can act as a fuse to the structure		
Gutters			
\rightarrow	Noncombustible		
	Combustible with leaf litter present		
Re	ecommended Mitigation Strategies		
	Keep gutters clear of fine fuels and debris		
Building	g Setback		
\rightarrow	Not applicable		
	Greater than or equal to 30 feet from slope		
	Less than 30 feet from slope		
Re	ecommended Mitigation Strategies		
	N/A		





Windows	Windows		
\rightarrow	Not known		
	Multi-paned		
	Single-paned		
Rec	commended Mitigation Strategies		
	Use metal framing or aluminum coverings for wood or vinyl		
	Use a fiberglass or metal screen		
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread		
Gas Utilit	tios		
\rightarrow	Underground/clearly marked or Not applicable		
	Above ground/clearly marked with a 30 foot cleared perimeter		
	Underground/not marked		
	Above ground/not marked		
Rec	commended Mitigation Strategies		
	Keep vegetation pruned to a minimal level near gas utilities		
	When possible, place propane tanks 20' away from home and structures		
Electric U	Utilities		
\rightarrow	Underground/clearly marked		
	Overhead with a 20 foot wide maintained right of way		
	Underground/not marked		
	Overhead with right of way not maintained		
Rec	commended Mitigation Strategies		
	Keep vegetation pruned and mowed around electric cabinets		
	Place non-flammable mulch (rock, stone) around base of electrical cabinets		
	Plant less flammable bushes and shrubs around electrical cabinets		
COMMENTS			
COMMI	N15		

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

71 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

Moderate Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 45' 45" Longitude -88° 51' 55"

Dwelling Units 60

Size 569.36 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road	l Wid	dth		
	\rightarrow	Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
		Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
Road	Acc	essibility		
	\rightarrow	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		· · · · · · · · · · · · · · · · · · ·		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





:	Secondary Road Terminus		
		Road ends in a cul-de-sac, diameter > 100 feet	
		Road ends in a cul-de-sac, diameter < 100 feet	
	\rightarrow	Dead end road <200 feet long	
		Dead end road >200 feet long	
	Red	commended Mitigation Strategies	
		Ensure emergency responder are aware of dead-end roads	
	Street Si	gns	
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective	
		Present but wooden, non-reflective, or lettering less than 4"	
		Not present	
	Red	commended Mitigation Strategies	
I		Koon street signs visible and clear of vegetation and fine fuels	

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Loca	l Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predominant Vegetation		
\rightarrow	Light	
	Medium	
	Heavy	
	Extreme / Slash	
Re	ecommended Mitigation Strategies	
	Use brick or stone along the edge of an island to slow the flame spread	
	Consider landscaping using single plants or groups within islands to separate fuels	
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation	
Defensi	ible Space	
	> 100 ft. of vegetation treatment from structure(s)	
	71 to 100 ft. of vegetation treatment from structure(s)	
\rightarrow	30 to 70 ft. of vegetation treatment from structure(s)	
	< 30 ft. of vegetation treatment from structure(s)	
Re	ecommended Mitigation Strategies	
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space	
	Mow lawns regularly	
	Water grass, plants, trees and mulch regularly	
	Create a spacing of 30 feet between tree crowns	
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials	
	Consider xeriscaping if you are affected by water restrictions	
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)	
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)	
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)	
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine) Create fuel breaks like driveways and gravel walkways re-to-Structure Ignition	
Structu	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine) Create fuel breaks like driveways and gravel walkways re-to-Structure Ignition	
□ Structu	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine) Create fuel breaks like driveways and gravel walkways re-to-Structure Ignition No Possible Structure-to-Structure Ignition	

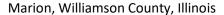




Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торо	ograp	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ry to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
		Not in an area with regular exposure to severe winds
	\rightarrow	Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies

Maintain situational awareness of fire danger in your area, as local severe wind exposure can adversely affect

wildland behavior





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	coofing Materials		
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles	
	Rec	ommended Mitigation Strategies	
		Use fire-resistant roofing material such as metal, tile or Class A shingles	
		Inspect for and address gaps in roofing that can expose roof decking or supports	
		Place angle flashing over openings between the roof decking and fascia board	
Debr	is or	n Roof	
	\rightarrow	No	
		Yes	
	Rec	ommended Mitigation Strategies	
		Clear branch, leaf-litter and other debris from roof regularly	
		Prune tree limbs away from roof	
/ent	ilatio	on and Soffits	
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening	
		50-74% of homes have non-combustible ventilation soffits with mesh or screening	
		< 50% of homes have non-combustible ventilation soffits with mesh or screening	
	Rec	ommended Mitigation Strategies	
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation	
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco	
		Install a 1/8 inch metal screen behind roof vents	
idin	g		
	\rightarrow	> 75% of homes have non-combustible siding	
		50-74% of homes have non-combustible siding	
		< 50% of homes have non-combustible siding	
	Rec	ommended Mitigation Strategies	
		Keep landscaping materials and vegetation away from combustible siding	
		Increase defensible space from combustible siding	
		Replace with noncombustible siding when possible	





Unders	Jnderskirting	
->	> 75% of homes have skirting underneath raised floors/decks	
	50-74% of homes have skirting underneath	
	< 50% of homes have skirting underneath	
R	ecommended Mitigation Strategies	
	Remove combustible vegetation and leaf litter	
	Spread gravel or other non-combustible material under the deck	
	Screen in the bottom of the deck with metal 1/8-inch screening	
	Separate wooden fences from the house with a stone or metal barrier	
Woode	n Attachments	
	> 75% of homes have NO Wooden Attachments	
	50-74% of homes have NO Wooden Attachments	
-	< 50% of homes have NO Wooden Attachments	
R	ecommended Mitigation Strategies	
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
	Be aware that wooden attachments can act as a fuse to the structure	
Gutter		
->	Noncombustible	
	Combustible with leaf litter present	
R	ecommended Mitigation Strategies	
	Keep gutters clear of fine fuels and debris	
Buildin	g Setback	
-	Not applicable	
	Greater than or equal to 30 feet from slope	
	Less than 30 feet from slope	
R	ecommended Mitigation Strategies	
	N/A	





Windows		
\rightarrow	Not known	
	Multi-paned	
	Single-paned	
Rec	commended Mitigation Strategies	
	Use metal framing or aluminum coverings for wood or vinyl	
	Use a fiberglass or metal screen	
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread	
Gas Utilit	tios	
\rightarrow	Underground/clearly marked or Not applicable	
	Above ground/clearly marked with a 30 foot cleared perimeter	
	Underground/not marked	
	Above ground/not marked	
Rec	commended Mitigation Strategies	
	Keep vegetation pruned to a minimal level near gas utilities	
	When possible, place propane tanks 20' away from home and structures	
Electric U	Utilities	
\rightarrow	Underground/clearly marked	
	Overhead with a 20 foot wide maintained right of way	
	Underground/not marked	
	Overhead with right of way not maintained	
Rec	commended Mitigation Strategies	
	Keep vegetation pruned and mowed around electric cabinets	
	Place non-flammable mulch (rock, stone) around base of electrical cabinets	
	Plant less flammable bushes and shrubs around electrical cabinets	
COMME	MTS.	
COMMI	N15	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

82 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 49' 14" Longitude -88° 53' 55"

Dwelling Units 25

Size 150.56 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025







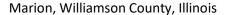


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress		
	\rightarrow	2 or more roads in and out	
		One road in and out (entrance and exit are the same)	
	Rec	commended Mitigation Strategies	
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency	
Road	l Wic	dth	
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet	
	Rec	ommended Mitigation Strategies	
		Keep shoulders of road clear for emergency vehicle use whenever possible	
Road	Acc	ressibility	
	\rightarrow	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road	
	Rec	ommended Mitigation Strategies	
		Ensure that road maintenance plan is in place	





Second	lary F	Road T	ermi	nus

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- ☐ Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Reco	ommended Mitigation Strategies	
		N/A	
Loca	l Res	ponse Resources	
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department	
	Reco	ommended Mitigation Strategies	
		N/A	
Hom	Homeowners Association		
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation	
	Reco	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predomi	Predominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Red	commended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
	Prune trees 6'10 feet from the ground		
Defensib	le Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
→	< 30 ft. of vegetation treatment from structure(s)		
	commended Mitigation Strategies		
net			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
Structure	e-to-Structure Ignition		
→	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Rec	commended Mitigation Strategies		
	N/A		

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials		
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles	
	Rec	commended Mitigation Strategies	
		Use fire-resistant roofing material such as metal, tile or Class A shingles	
		Inspect for and address gaps in roofing that can expose roof decking or supports	
		Place angle flashing over openings between the roof decking and fascia board	
Deb	ris or	n Roof	
	→	No	
		Yes	
	Rec	commended Mitigation Strategies	
		Clear branch, leaf-litter and other debris from roof regularly	
		Prune tree limbs away from roof	
Vent	ilatio	on and Soffits	
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening	
		50-74% of homes have non-combustible ventilation soffits with mesh or screening	
		< 50% of homes have non-combustible ventilation soffits with mesh or screening	
	Rec	ommended Mitigation Strategies	
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation	
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco	
		Install a 1/8 inch metal screen behind roof vents	
Sidin	g		
	→	> 75% of homes have non-combustible siding	
		50-74% of homes have non-combustible siding	
		< 50% of homes have non-combustible siding	
	Rec	ommended Mitigation Strategies	
		Keep landscaping materials and vegetation away from combustible siding	
		Increase defensible space from combustible siding	
		Replace with noncombustible siding when possible	





Unders	kirting
\rightarrow	> 75% of homes have skirting underneath raised floors/decks
	50-74% of homes have skirting underneath
	< 50% of homes have skirting underneath
Re	ecommended Mitigation Strategies
	Remove combustible vegetation and leaf litter
Woode	n Attachments
	> 75% of homes have NO Wooden Attachments
	50-74% of homes have NO Wooden Attachments
→	
•	
	ecommended Mitigation Strategies
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
	Be aware that wooden attachments can act as a fuse to the structure
Gutters	
\rightarrow	Noncombustible
	Combustible with leaf litter present
Re	ecommended Mitigation Strategies
	1 Keep gutters clear of fine fuels and debris
Building	g Setback
→	Not applicable
	Greater than or equal to 30 feet from slope
	Less than 30 feet from slope
Re	ecommended Mitigation Strategies
	· N/A





	_				
Windows					
	>	Not known			
		Multi-paned			
		Single-paned			
R	Reci	ommended Mitigation Strategies			
Г		Use metal framing or aluminum coverings for wood or vinyl			
		Use a fiberglass or metal screen			
С		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas Ut	ilit	ies			
	>	Underground/clearly marked or Not applicable			
	•	Above ground/clearly marked with a 30 foot cleared perimeter			
		Underground/not marked			
		Above ground/not marked			
K	lecc	ommended Mitigation Strategies			
		Keep vegetation pruned to a minimal level near gas utilities			
		When possible, place propane tanks 20' away from home and structures			
Electric	c U	tilities			
-	→	Underground/clearly marked			
		Overhead with a 20 foot wide maintained right of way			
		Underground/not marked			
		Overhead with right of way not maintained			
R	lec:	ommended Mitigation Strategies			
		Keep vegetation pruned and mowed around electric cabinets			
		Place non-flammable mulch (rock, stone) around base of electrical cabinets			
		Plant less flammable bushes and shrubs around electrical cabinets			
COMMENTS					
COIVIIV	1121				

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

95 - Moderate

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

Moderate Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

Latitude 37° 38' 9" Longitude -88° 57' 39"

Dwelling Units 1

Size 28,919.56 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 04-22-2025



Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	Ingress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road	Wid	dth		
	\rightarrow	Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
		Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
Road	Acc	essibility		
	\rightarrow	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





Secondar	y Road T	erminus
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→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- ☐ Maintain unobstructed access into cul-de-sacs
- ☐ Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Hazardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features
	Rec	ommended Mitigation Strategies
		N/A
Local Response Resources		
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department
	Rec	ommended Mitigation Strategies
		N/A
Hom	eow	ners Association
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation
	Rec	ommended Mitigation Strategies
		Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Pred	lomii	nant Vegetation
		Light
	\rightarrow	Medium
		Heavy
		Extreme / Slash
	Rec	commended Mitigation Strategies
		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation
		Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees
		Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees
		Prune trees 6'10 feet from the ground
Defe	nsib	le Space
		> 100 ft. of vegetation treatment from structure(s)
		71 to 100 ft. of vegetation treatment from structure(s)
	\rightarrow	30 to 70 ft. of vegetation treatment from structure(s)
		< 30 ft. of vegetation treatment from structure(s)
	Rec	ommended Mitigation Strategies
		Be aware of the risks from falling embers in relation to nearby fuels and defensible space
		Mow lawns regularly
		Water grass, plants, trees and mulch regularly
		Create a spacing of 30 feet between tree crowns
		Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials
		Remove dead vegetation from under the deck and within 10 feet of the house
		Consider xeriscaping if you are affected by water restrictions Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)
		Create fuel breaks like driveways and gravel walkways
Struc	cture	e-to-Structure Ignition
	\rightarrow	No Possible Structure-to-Structure Ignition
		Possible Structure-to-Structure Ignition
	Rec	ommended Mitigation Strategies
	П	N/Δ

□ N/A





Slope	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торс	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	cy to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	fing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Deb	ris oı	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	tilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	commended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idir	ng	
		> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
	\rightarrow	< 50% of homes have non-combustible siding
	Rec	commended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Undersk	irting
\rightarrow	> 75% of homes have skirting underneath raised floors/decks
	50-74% of homes have skirting underneath
	< 50% of homes have skirting underneath
Red	commended Mitigation Strategies
	Remove combustible vegetation and leaf litter
	Spread gravel or other non-combustible material under the deck
	Screen in the bottom of the deck with metal 1/8-inch screening
	Separate wooden fences from the house with a stone or metal barrier
Wooden	n Attachments
	> 75% of homes have NO Wooden Attachments
	50-74% of homes have NO Wooden Attachments
\rightarrow	< 50% of homes have NO Wooden Attachments
Red	commended Mitigation Strategies
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
	Be aware that wooden attachments can act as a fuse to the structure
Gutters	
\rightarrow	Noncombustible
	Combustible with leaf litter present
Red	commended Mitigation Strategies
	Keep gutters clear of fine fuels and debris
Building	Setback
→	Not applicable
	Greater than or equal to 30 feet from slope
	Less than 30 feet from slope
Rei	commended Mitigation Strategies
	N/A





Windo	ws
	Not known
-	Multi-paned
	Single-paned
R	ecommended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	ilities
-	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
R	ecommended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric	: Utilities
	Underground/clearly marked
	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
-	Overhead with right of way not maintained
R	ecommended Mitigation Strategies
	Keep vegetation pruned and mowed around electric right of ways
COMMENTS	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

137 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

Latitude 37° 36' 39" Longitude -88° 55' 28"

Dwelling Units 1

Size 946.47 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 04-04-2025



Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ess a	nd Egress
		2 or more roads in and out
	\rightarrow	One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies
Road	d Wid	dth
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet
	Rec	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards
Road	d Acc	essibility
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place

Marion, Williamson County, Illinois



Seco	nda	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles
Stre	et Sią	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driv	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	upply
		Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
	\rightarrow	Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Hazaı	Hazardous Features	
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features
	Reco	ommended Mitigation Strategies
		N/A
Local	Res	ponse Resources
	→	5 miles or less from fire department More than 5 miles from fire department
	Reco	ommended Mitigation Strategies
		N/A
Home	eow	ners Association
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation
	Reco	ommended Mitigation Strategies

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

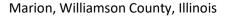
Predom	redominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Re	commended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
	Prune trees 6'10 feet from the ground		
Defensi	ble Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Re	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
Structur	e-to-Structure Ignition		
\rightarrow	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Re	commended Mitigation Strategies		
	N/Δ		



□ N/A



Slope	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торс	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	cy to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debi	ris oı	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
		> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
	\rightarrow	< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible

Marion, Williamson County, Illinois



Und	Jnderskirting		
		> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
	\rightarrow	< 50% of homes have skirting underneath	
	Rec	commended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Rec	commended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire	
	_	resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutt	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	commended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ling	Setback	
		Not applicable	
		Greater than or equal to 30 feet from slope	
	\rightarrow	Less than 30 feet from slope	
	Rec	commended Mitigation Strategies	

Review suggested defensible space and vegetation management as pertains to building setback





Windo	ws
	Not known
-	Multi-paned
	Single-paned
R	ecommended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	ilities
-	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
R	ecommended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric	: Utilities
	Underground/clearly marked
	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
-	Overhead with right of way not maintained
R	ecommended Mitigation Strategies
	Keep vegetation pruned and mowed around electric right of ways
COMMENTS	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

136 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

Latitude 37° 36' 18" Longitude -88° 56' 45"

Dwelling Units 1

Size 984.20 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 04-04-2025



Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ngress and Egress				
		2 or more roads in and out			
	\rightarrow	One road in and out (entrance and exit are the same)			
	Rec	commended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies			
Road	d Wid	dth			
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards			
Road	d Acc	essibility			
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			

Marion, Williamson County, Illinois



Se	co	nda	arv	Ro	ad	Tei	rmi	nus
20	-	HUG	ועוג	w	au	1 6	шш	IIU3

→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- □ Maintain unobstructed access into cul-de-sacs
- Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Local	Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predo	Predominant Vegetation				
		Light			
_	>	Medium			
		Heavy			
		Extreme / Slash			
F	Rec	ommended Mitigation Strategies			
Г		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation			
	_	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees			
[Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees			
[Prune trees 6'10 feet from the ground			
Defens	sibl	le Space			
		> 100 ft. of vegetation treatment from structure(s)			
		71 to 100 ft. of vegetation treatment from structure(s)			
		30 to 70 ft. of vegetation treatment from structure(s)			
_	-	< 30 ft. of vegetation treatment from structure(s)			
H	rec	ommended Mitigation Strategies			
[Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
[Mow lawns regularly			
	_	Water grass, plants, trees and mulch regularly			
	_	Create a spacing of 30 feet between tree crowns			
	_	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials			
]]	Remove dead vegetation from under the deck and within 10 feet of the house Consider xeriscaping if you are affected by water restrictions			
	_	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
	_	Create fuel breaks like driveways and gravel walkways			
	_	Remove smaller conifers that are growing between taller trees			
		Remove heavy accumulations of woody debris			
[]	Reduce the density of tall trees so canopies do not touch			
Structi	ıre	-to-Structure Ignition			
=	>	No Possible Structure-to-Structure Ignition			
		Possible Structure-to-Structure Ignition			
R	Rec	ommended Mitigation Strategies			
		N/A			



□ N/A



Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торс	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roofin	g Materials
-)	, , , , , , , , , , , , , , , , , , , ,
	50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
	< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
R	ecommended Mitigation Strategies
	Use fire-resistant roofing material such as metal, tile or Class A shingles
	Inspect for and address gaps in roofing that can expose roof decking or supports
	Place angle flashing over openings between the roof decking and fascia board
Debris	on Roof
-)	> No
	Yes
R	ecommended Mitigation Strategies
	Clear branch, leaf-litter and other debris from roof regularly
/entila	tion and Soffits
	> 75% of homes have non-combustible ventilation soffits with mesh or screening
\rightarrow	
	< 50% of homes have non-combustible ventilation soffits with mesh or screening
R	ecommended Mitigation Strategies
	Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
	Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
	Install a 1/8 inch metal screen behind roof vents
iding	
	> 75% of homes have non-combustible siding
	50-74% of homes have non-combustible siding
\rightarrow	< 50% of homes have non-combustible siding
R	ecommended Mitigation Strategies
	Keep landscaping materials and vegetation away from combustible siding
	Increase defensible space from combustible siding
	Replace with noncombustible siding when possible





Unders	Jnderskirting				
	> 75% of homes have skirting underneath raised floors/decks				
	50-74% of homes have skirting underneath				
\rightarrow	< 50% of homes have skirting underneath				
Re	ecommended Mitigation Strategies				
	Remove combustible vegetation and leaf litter				
	Spread gravel or other non-combustible material under the deck				
	Screen in the bottom of the deck with metal 1/8-inch screening				
	Separate wooden fences from the house with a stone or metal barrier				
Woode	n Attachments				
	> 75% of homes have NO Wooden Attachments				
	50-74% of homes have NO Wooden Attachments				
\rightarrow	< 50% of homes have NO Wooden Attachments				
Re	ecommended Mitigation Strategies				
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)				
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials				
	Be aware that wooden attachments can act as a fuse to the structure				
Gutters					
\rightarrow	Noncombustible				
	Combustible with leaf litter present				
Re	ecommended Mitigation Strategies				
	Keep gutters clear of fine fuels and debris				
Building	g Setback				
\rightarrow	Not applicable				
	Greater than or equal to 30 feet from slope				
	Less than 30 feet from slope				
Re	ecommended Mitigation Strategies				

□ N/A





Wind	ows	
		Not known
	\rightarrow	Multi-paned
		Single-paned
	Reco	ommended Mitigation Strategies
		Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas L	Jtiliti	ies
	\rightarrow	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	Reco	ommended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electi	ric U	tilities
		Underground/clearly marked
		Overhead with a 20 foot wide maintained right of way
		Underground/not marked
	\rightarrow	Overhead with right of way not maintained
	Reco	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric right of ways
сом	MEN	ITS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

82 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 41' 27" Longitude -88° 56' 4"

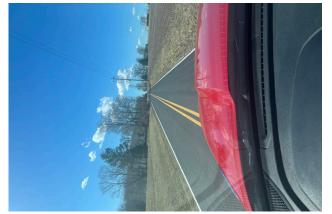
Dwelling Units 100

Size 2,300.20 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025







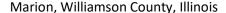


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress				
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
	Rec	commended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Road	l Wid	dth			
	\rightarrow	Road width is > 24 feet			
		Road width is > 20 feet and < 24 feet			
		Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible			
Road	Acc	essibility			
	\rightarrow	Surfaced road			
		Non-surfaced road, grade less than or equal to 5%			
		· · · · · · · · · · · · · · · · · · ·			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			





Secondary	y Road Terminus
-----------	-----------------

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation



Recommended Mitigation Strategies



Hazaı	rdou	s Features
	→	No notable hazardous features present to hinder fire suppression
		Fire suppression hindered by hazardous features
	Reco	ommended Mitigation Strategies
		N/A
Local	Resi	ponse Resources
	1100	
	\rightarrow	5 miles or less from fire department
		More than 5 miles from fire department
	Reco	ommended Mitigation Strategies
		N/A
Home	wos	ners Association
		HOA has organizational structure for sustained fire prevention and mitigation
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

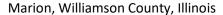
Predo	Predominant Vegetation				
		Light			
_	>	Medium			
		Heavy			
		Extreme / Slash			
F	Rec	ommended Mitigation Strategies			
Г		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation			
	_	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees			
[Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees			
[Prune trees 6'10 feet from the ground			
Defens	sibl	le Space			
		> 100 ft. of vegetation treatment from structure(s)			
		71 to 100 ft. of vegetation treatment from structure(s)			
		30 to 70 ft. of vegetation treatment from structure(s)			
_	-	< 30 ft. of vegetation treatment from structure(s)			
H	rec	ommended Mitigation Strategies			
[Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
[Mow lawns regularly			
	_	Water grass, plants, trees and mulch regularly			
	_	Create a spacing of 30 feet between tree crowns			
	_	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials			
]]	Remove dead vegetation from under the deck and within 10 feet of the house Consider xeriscaping if you are affected by water restrictions			
	_	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
	_	Create fuel breaks like driveways and gravel walkways			
	_	Remove smaller conifers that are growing between taller trees			
		Remove heavy accumulations of woody debris			
[]	Reduce the density of tall trees so canopies do not touch			
Structi	ıre	-to-Structure Ignition			
=	>	No Possible Structure-to-Structure Ignition			
		Possible Structure-to-Structure Ignition			
R	Rec	ommended Mitigation Strategies			
		N/A			

□ N/A





Slope					
	\rightarrow	Slope 0% - 5%			
		Slope 6 % - 10%			
		Slope 11% - 30%			
		Slope > 30%			
	Rec	ommended Mitigation Strategies			
		N/A			
Area	Area with History of High Fire Occurrence				
	\rightarrow	No recent History of High Fire Occurrence			
		Area with History of High Fire Occurrence			
	Rec	ommended Mitigation Strategies			
		N/A			
Торо	ograj	phical Features			
	\rightarrow	No topographical features that adversely affect wildland fire behavior			
		Topographical features that adversely affect wildland fire behavior			
	Rec	commended Mitigation Strategies			
		N/A			
Adjacency to Wildlands					
		Not adjacent to wildlands with accumulated fuels and no program for fuel management			
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management			
	Rec	commended Mitigation Strategies			
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands			
Severe Wind Exposure					
	\rightarrow	Not in an area with regular exposure to severe winds			
		Regularly exposed to severe winds that adversely affect fire behavior			
	Rec	commended Mitigation Strategies			





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Undersk	Underskirting				
÷	> 75% of homes have skirting underneath raised floors/decks				
	50-74% of homes have skirting underneath				
	< 50% of homes have skirting underneath				
Re	commended Mitigation Strategies				
	Remove combustible vegetation and leaf litter				
	Spread gravel or other non-combustible material under the deck				
	Screen in the bottom of the deck with metal 1/8-inch screening				
	Separate wooden fences from the house with a stone or metal barrier				
Wooder	n Attachments				
	> 75% of homes have NO Wooden Attachments				
	50-74% of homes have NO Wooden Attachments				
\rightarrow	< 50% of homes have NO Wooden Attachments				
Re	commended Mitigation Strategies				
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)				
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials				
	Be aware that wooden attachments can act as a fuse to the structure				
Gutters					
→	Noncombustible				
	Combustible with leaf litter present				
Re	commended Mitigation Strategies				
	Keep gutters clear of fine fuels and debris				
Building	Setback				
\rightarrow	Not applicable				
	Greater than or equal to 30 feet from slope				
	Less than 30 feet from slope				
Re	commended Mitigation Strategies				
	N/A				





Windows	s			
\rightarrow	Not known			
	Multi-paned			
	Single-paned			
Rec	commended Mitigation Strategies			
	Use metal framing or aluminum coverings for wood or vinyl			
	Use a fiberglass or metal screen			
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas Utilit	ties			
→	Underground/clearly marked or Not applicable			
7	Above ground/clearly marked with a 30 foot cleared perimeter			
	Underground/not marked			
	Above ground/not marked			
Rec	commended Mitigation Strategies			
	Keep vegetation pruned to a minimal level near gas utilities			
	When possible, place propane tanks 20' away from home and structures			
Electric U	J tilities			
\rightarrow	Underground/clearly marked			
	Overhead with a 20 foot wide maintained right of way			
	Underground/not marked			
	Overhead with right of way not maintained			
Rec	commended Mitigation Strategies			
	Keep vegetation pruned and mowed around electric cabinets			
	Place non-flammable mulch (rock, stone) around base of electrical cabinets			
	Plant less flammable bushes and shrubs around electrical cabinets			
COMMENTS				

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

82 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

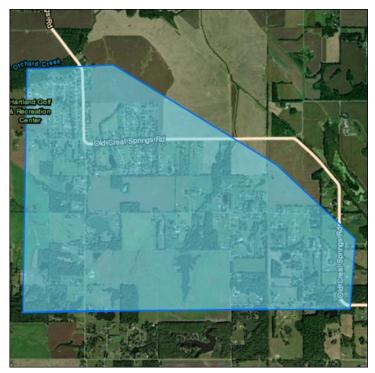
Latitude 37° 42' 2" Longitude -88° 53' 31"

Dwelling Units 100

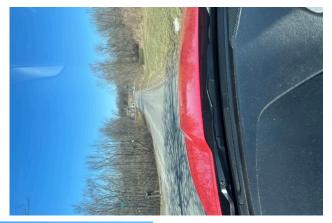
Size 1,914.13 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025







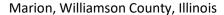


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ess a	nd Egress
	\rightarrow	2 or more roads in and out
		One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
Road	Wid	dth
	\rightarrow	Road width is > 24 feet
		Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	Rec	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
Road	Acc	essibility
	→	Surfaced road
		Non-surfaced road, grade less than or equal to 5%
		Non-surfaced road, grade greater than 5%
		Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place





Second	larv R	T hso	erminus

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

> Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation

Marion, Williamson County, Illinois



Haza	rdou	is Features
	\rightarrow	No notable hazardous features present to hinder fire suppression
		Fire suppression hindered by hazardous features
	Rec	ommended Mitigation Strategies
		N/A
Local	Res	ponse Resources
	\rightarrow	5 miles or less from fire department
		More than 5 miles from fire department
	Rec	ommended Mitigation Strategies
		N/A
Home	eow	ners Association
		HOA has organizational structure for sustained fire prevention and mitigation
		· · · · · · · · · · · · · · · · · · ·
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation
	Rec	ommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predo	Predominant Vegetation			
		Light		
_	>	Medium		
		Heavy		
		Extreme / Slash		
F	Rec	ommended Mitigation Strategies		
Г		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	_	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
[Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
[Prune trees 6'10 feet from the ground		
Defens	sibl	le Space		
		> 100 ft. of vegetation treatment from structure(s)		
		71 to 100 ft. of vegetation treatment from structure(s)		
		30 to 70 ft. of vegetation treatment from structure(s)		
_	-	< 30 ft. of vegetation treatment from structure(s)		
H	rec	ommended Mitigation Strategies		
[Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
[Mow lawns regularly		
	_	Water grass, plants, trees and mulch regularly		
	_	Create a spacing of 30 feet between tree crowns		
	_	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
]]	Remove dead vegetation from under the deck and within 10 feet of the house Consider xeriscaping if you are affected by water restrictions		
	_	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	_	Create fuel breaks like driveways and gravel walkways		
	_	Remove smaller conifers that are growing between taller trees		
		Remove heavy accumulations of woody debris		
[]	Reduce the density of tall trees so canopies do not touch		
Structi	ıre	-to-Structure Ignition		
-	>	No Possible Structure-to-Structure Ignition		
		Possible Structure-to-Structure Ignition		
R	Rec	ommended Mitigation Strategies		
		N/A		

□ N/A





Slope	2	
Siopi		Slope 0% - 5%
	→	Slope 6 % - 10%
		·
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	ommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	→	No
		Yes
	Rec	ommended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Unde	Underskirting Control of the Control		
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den .	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ing S	Setback	
	→	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	
		N/A	





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	tios
\rightarrow	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Utilities
\rightarrow	Underground/clearly marked
	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMME	MTS.
COMMI	N15

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

89 - Moderate

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 39' 24" Longitude -88° 48' 17"

Dwelling Units 15

Size 164.71 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-31-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ess a	nd Egress
	\rightarrow	2 or more roads in and out
		One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
Road	d Wic	dth
		Road width is > 24 feet
	\rightarrow	Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	_	
	Rec	rommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
		Consider providing pull-offs every 100 yards
Road	d Acc	essibility
	\rightarrow	Surfaced road
		Non-surfaced road, grade less than or equal to 5%
		Non-surfaced road, grade greater than 5%
		Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place





Seco	nda	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles
Stre	et Si	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driv	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
		Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
	\rightarrow	Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

□ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	azardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Rec	commended Mitigation Strategies	
		N/A	
Loca	l Res	sponse Resources	
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department	
	Rec	commended Mitigation Strategies	
		N/A	
Hom	neow	ners Association	
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	commended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

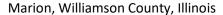
Predon	Predominant Vegetation			
\rightarrow	Light			
	Medium			
	Heavy			
	Extreme / Slash			
R	ecommended Mitigation Strategies			
	Use brick or stone along the edge of an island to slow the flame spread			
Defens	ible Space			
Deletis	•			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
→	< 30 ft. of vegetation treatment from structure(s)			
R	ecommended Mitigation Strategies			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
	Mow lawns regularly			
	Water grass, plants, trees and mulch regularly			
	, , , , , , , , , , , , , , , , , , ,			
_	•			
	,			
	· · · · · · · · · · · · · · · · · · ·			
Structu	re-to-Structure Ignition			
	No Possible Structure-to-Structure Ignition			
\rightarrow	Possible Structure-to-Structure Ignition			
Re	ecommended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk			
	Consider use of sprinkler systems to keep vegetation moisture levels up			
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible			

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Debi	is or	n Roof			
		No			
	\rightarrow	Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
/ent	ilatio	on and Soffits			
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
		50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
idin	g				
	\rightarrow	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Undersk	Underskirting		
\rightarrow	> 75% of homes have skirting underneath raised floors/decks		
	50-74% of homes have skirting underneath		
	< 50% of homes have skirting underneath		
Re	commended Mitigation Strategies		
	Remove combustible vegetation and leaf litter		
	Spread gravel or other non-combustible material under the deck		
	Screen in the bottom of the deck with metal 1/8-inch screening		
	Separate wooden fences from the house with a stone or metal barrier		
Wooder	n Attachments		
\rightarrow	> 75% of homes have NO Wooden Attachments		
	50-74% of homes have NO Wooden Attachments		
	< 50% of homes have NO Wooden Attachments		
Re	commended Mitigation Strategies		
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
	Be aware that wooden attachments can act as a fuse to the structure		
Gutters			
\rightarrow	Noncombustible		
	Combustible with leaf litter present		
Re	commended Mitigation Strategies		
	Keep gutters clear of fine fuels and debris		
Building	Setback		
\rightarrow	Not applicable		
	Greater than or equal to 30 feet from slope		
	Less than 30 feet from slope		
Re	commended Mitigation Strategies		
	N/A		





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ties
→	Underground/clearly marked or Not applicable
-,	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Itilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NITS.
COMMITTEE	NIS -

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

89 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 41' 39" Longitude -88° 51' 20"

Dwelling Units 20

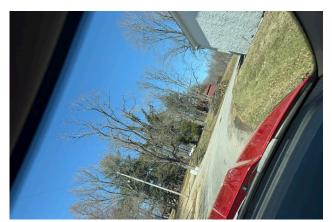
Size 162.54 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road	\A/:	Jak		
Koau	VVIC	atn		
	\rightarrow	Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
		Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
Road	Acc	essibility		
	→	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





Seco	ndar	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stree	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wate	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Hazardous Features		
→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
Rec	ommended Mitigation Strategies	
	N/A	
l Res	ponse Resources	
\rightarrow	5 miles or less from fire department	
	More than 5 miles from fire department	
Rec	ommended Mitigation Strategies	
	N/A	
eow	ners Association	
	HOA has organizational structure for sustained fire prevention and mitigation	
\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
Rec	ommended Mitigation Strategies	
	→ Rec I Res → Rec cov	

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

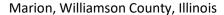
Predom	redominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Re	ecommended Mitigation Strategies		
	Fruite trees of 10 reet from the ground		
Defensi	ible Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow			
Re	ecommended Mitigation Strategies		
	-		
	, , , , , , , , , , , , , , , , , , ,		
	0 ,		
Structu	re-to-Structure Ignition		
ili uota.			
	No Possible Structure-to-Structure Ignition		
→	Possible Structure-to-Structure Ignition		
Re	ecommended Mitigation Strategies		
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition		
	risk		
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible		

□ N/A





Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торо	ograp	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	oofing Materials		
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles	
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles	
	Rec	ommended Mitigation Strategies	
		Use fire-resistant roofing material such as metal, tile or Class A shingles	
		Inspect for and address gaps in roofing that can expose roof decking or supports	
		Place angle flashing over openings between the roof decking and fascia board	
Debr	is or	n Roof	
	\rightarrow	No	
		Yes	
	Rec	ommended Mitigation Strategies	
		Clear branch, leaf-litter and other debris from roof regularly	
		Prune tree limbs away from roof	
/ent	ilatio	on and Soffits	
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening	
		50-74% of homes have non-combustible ventilation soffits with mesh or screening	
		< 50% of homes have non-combustible ventilation soffits with mesh or screening	
	Rec	ommended Mitigation Strategies	
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation	
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco	
		Install a 1/8 inch metal screen behind roof vents	
idin	g		
	\rightarrow	> 75% of homes have non-combustible siding	
		50-74% of homes have non-combustible siding	
		< 50% of homes have non-combustible siding	
	Rec	ommended Mitigation Strategies	
		Keep landscaping materials and vegetation away from combustible siding	
		Increase defensible space from combustible siding	
		Replace with noncombustible siding when possible	





Unders	Underskirting			
\rightarrow	> 75% of homes have skirting underneath raised floors/decks			
	50-74% of homes have skirting underneath			
	< 50% of homes have skirting underneath			
Re	ecommended Mitigation Strategies			
	Remove combustible vegetation and leaf litter			
Woode	n Attachments			
	> 75% of homes have NO Wooden Attachments			
	50-74% of homes have NO Wooden Attachments			
→				
•				
	ecommended Mitigation Strategies			
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)			
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials			
	Be aware that wooden attachments can act as a fuse to the structure			
Gutters				
\rightarrow	Noncombustible			
	Combustible with leaf litter present			
Re	ecommended Mitigation Strategies			
	1 Keep gutters clear of fine fuels and debris			
Building	g Setback			
→	Not applicable			
	Greater than or equal to 30 feet from slope			
	Less than 30 feet from slope			
Re	ecommended Mitigation Strategies			
	· N/A			





	_	
Windows		
-	\rightarrow	Not known
		Multi-paned
		Single-paned
F	Reco	ommended Mitigation Strategies
		Use metal framing or aluminum coverings for wood or vinyl
1		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	tiliti	ies
-	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
F	Reco	ommended Mitigation Strategies
,		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electri	ic U	tilities
-	→	Underground/clearly marked
		Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
F	Reco	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets
ı		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COMIN	ИFN	ITS
COMM	عجنا	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

84 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 46' 18" Longitude -88° 53' 7"

Dwelling Units 45

Size 225.36 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress and Egress					
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
	Rec	commended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Road	\A/:	Jak			
Koau	VVIC	atn			
	\rightarrow	Road width is > 24 feet			
		Road width is > 20 feet and < 24 feet			
		Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible			
Road	Acc	essibility			
	→	Surfaced road			
		Non-surfaced road, grade less than or equal to 5%			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			





Seco	ndar	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stree	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wate	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Hazardous Features				
→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features			
Rec	ommended Mitigation Strategies			
	N/A			
Local Response Resources				
\rightarrow	5 miles or less from fire department			
	More than 5 miles from fire department			
Rec	ommended Mitigation Strategies			
	N/A			
Homeowners Association				
	HOA has organizational structure for sustained fire prevention and mitigation			
\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation			
Rec	ommended Mitigation Strategies			
	→ Reco			

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predon	ninant Vegetation
÷	Light
	Medium
	Heavy
	Extreme / Slash
R	ecommended Mitigation Strategies
Dofons	ible Space
Delelis	•
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
	30 to 70 ft. of vegetation treatment from structure(s)
\rightarrow	< 30 ft. of vegetation treatment from structure(s)
R	ecommended Mitigation Strategies
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space
	Mow lawns regularly
	Water grass, plants, trees and mulch regularly
	, , , , , , , , , , , , , , , , , , ,
	,
Structu	re-to-Structure Ignition
	-
→	· ·
	Possible Structure-to-Structure Ignition
Re	ecommended Mitigation Strategies
	1 N/A





Slop	e			
	\rightarrow	Slope 0% - 5%		
		Slope 6 % - 10%		
		Slope 11% - 30%		
		Slope > 30%		
	Rec	commended Mitigation Strategies		
		N/A		
Area	witl	h History of High Fire Occurrence		
	\rightarrow	No recent History of High Fire Occurrence		
		Area with History of High Fire Occurrence		
	Rec	commended Mitigation Strategies		
		N/A		
Тор	ogra	phical Features		
	\rightarrow	No topographical features that adversely affect wildland fire behavior		
		Topographical features that adversely affect wildland fire behavior		
	Rec	commended Mitigation Strategies		
		N/A		
Adja	cenc	cy to Wildlands		
		Not adjacent to wildlands with accumulated fuels and no program for fuel management		
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management		
	Rec	commended Mitigation Strategies		
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands		
Severe Wind Exposure				
		Not in an area with regular exposure to severe winds		
	\rightarrow	Regularly exposed to severe winds that adversely affect fire behavior		
	Rec	commended Mitigation Strategies		
		Maintain situational awareness of fire danger in your area, as local severe wind exposure can adversely affect		

wildland behavior





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

North East Spillertown

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	fing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	rommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Deb	ris or	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	→	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible

North East Spillertown





Unde	Underskirting				
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks			
		50-74% of homes have skirting underneath			
		< 50% of homes have skirting underneath			
	Rec	ommended Mitigation Strategies			
		Remove combustible vegetation and leaf litter			
		Spread gravel or other non-combustible material under the deck			
		Screen in the bottom of the deck with metal 1/8-inch screening			
		Separate wooden fences from the house with a stone or metal barrier			
Woo	den .	Attachments			
		> 75% of homes have NO Wooden Attachments			
		50-74% of homes have NO Wooden Attachments			
	\rightarrow	< 50% of homes have NO Wooden Attachments			
	Rec	ommended Mitigation Strategies			
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)			
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials			
		Be aware that wooden attachments can act as a fuse to the structure			
Gutte	ers				
	\rightarrow	Noncombustible			
		Combustible with leaf litter present			
	Rec	ommended Mitigation Strategies			
		Keep gutters clear of fine fuels and debris			
Build	ing S	Setback			
	→	Not applicable			
		Greater than or equal to 30 feet from slope			
		Less than 30 feet from slope			
	Rec	ommended Mitigation Strategies			
		N/A			

North East Spillertown





Windows				
\rightarrow	Not known			
	Multi-paned			
	Single-paned			
Rec	commended Mitigation Strategies			
	Use metal framing or aluminum coverings for wood or vinyl			
	Use a fiberglass or metal screen			
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas Utilit	tios			
\rightarrow	Underground/clearly marked or Not applicable			
	Above ground/clearly marked with a 30 foot cleared perimeter			
	Underground/not marked			
	Above ground/not marked			
Rec	commended Mitigation Strategies			
	Keep vegetation pruned to a minimal level near gas utilities			
	When possible, place propane tanks 20' away from home and structures			
Electric U	Itilities			
\rightarrow	Underground/clearly marked			
	Overhead with a 20 foot wide maintained right of way			
	Underground/not marked			
	Overhead with right of way not maintained			
Rec	commended Mitigation Strategies			
	Keep vegetation pruned and mowed around electric cabinets			
	Place non-flammable mulch (rock, stone) around base of electrical cabinets			
	Plant less flammable bushes and shrubs around electrical cabinets			
COMME	MTS.			
COMMI	N15			

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

137 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 48' 33" Longitude -89° 0' 0" Dwelling Units 30

Size 57.21 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 02-13-2025







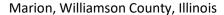


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingres	Ingress and Egress				
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
ı	Reco	ommended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Road \	Wid	th			
		Road width is > 24 feet			
		Road width is > 20 feet and < 24 feet			
-	→	Road width is < 20 feet			
F	Reco	ommended Mitigation Strategies			
I		Keep shoulders of road clear for emergency vehicle use whenever possible			
I		Consider providing pull-offs every 100 yards for emergency vehicle use			
[Coordinate with fire department to ensure they are aware of road width limitations			
I		Be aware that road width could limit emergency vehicles to brush trucks only			
Road A	Acc	essibility			
-	→	Surfaced road			
		Non-surfaced road, grade less than or equal to 5%			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
F	Reco	ommended Mitigation Strategies			
-		Ensure that road maintenance plan is in place			





Secondary Road Ter	minus
--------------------	-------

Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- ☐ Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation

Marion, Williamson County, Illinois



			res

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Drodom	inant Vegetation
rieuoiii	
	Light
	Medium
\rightarrow	Heavy
	Extreme / Slash
Re	commended Mitigation Strategies
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees
	Prune trees 6'10 feet from the ground
Defensik	ole Space
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
	30 to 70 ft. of vegetation treatment from structure(s)
\rightarrow	< 30 ft. of vegetation treatment from structure(s)
Re	commended Mitigation Strategies
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space
	Mow lawns regularly
	Water grass, plants, trees and mulch regularly
	Create a spacing of 30 feet between tree crowns
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials
	Remove dead vegetation from under the deck and within 10 feet of the house
	Consider xeriscaping if you are affected by water restrictions
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)
	Create fuel breaks like driveways and gravel walkways
	Remove smaller conifers that are growing between taller trees
	Remove heavy accumulations of woody debris
	Reduce the density of tall trees so canopies do not touch
Structur	e-to-Structure Ignition
\rightarrow	No Possible Structure-to-Structure Ignition
	Possible Structure-to-Structure Ignition
Rei	commended Mitigation Strategies
	N/A

□ N/A





Slope	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped 10% to 50% of lots are undeveloped

→ 51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	fing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	ommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Deb	ris or	n Roof
		No
	\rightarrow	Yes
	Rec	ommended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
Vent	ilatio	on and Soffits
		> 75% of homes have non-combustible ventilation soffits with mesh or screening
	\rightarrow	50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
Sidin	g	
		> 75% of homes have non-combustible siding
	\rightarrow	50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Unde	nderskirting				
		> 75% of homes have skirting underneath raised floors/decks			
	\rightarrow	50-74% of homes have skirting underneath			
		< 50% of homes have skirting underneath			
	Rec	ommended Mitigation Strategies			
		Remove combustible vegetation and leaf litter			
		Spread gravel or other non-combustible material under the deck			
		Screen in the bottom of the deck with metal 1/8-inch screening			
		Separate wooden fences from the house with a stone or metal barrier			
Woo	den	Attachments			
		> 75% of homes have NO Wooden Attachments			
		50-74% of homes have NO Wooden Attachments			
	\rightarrow	< 50% of homes have NO Wooden Attachments			
	Rec	ommended Mitigation Strategies			
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)			
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials			
		Be aware that wooden attachments can act as a fuse to the structure			
Gutte	ers				
	\rightarrow	Noncombustible			
		Combustible with leaf litter present			
	Rec	ommended Mitigation Strategies			
		Keep gutters clear of fine fuels and debris			
Build	ing S	Setback			
	\rightarrow	Not applicable			
		Greater than or equal to 30 feet from slope			
		Less than 30 feet from slope			
	Rec	ommended Mitigation Strategies			
		N/A			





Windows			
	\rightarrow	Not known	
		Multi-paned	
		Single-paned	
	Rec	ommended Mitigation Strategies	
		Use metal framing or aluminum coverings for wood or vinyl	
		Use a fiberglass or metal screen	
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread	
Gas U	+ilit	ios	
•	→	Underground/clearly marked or Not applicable	
		Above ground/clearly marked with a 30 foot cleared perimeter	
		Underground/not marked	
		Above ground/not marked	
	Reco	ommended Mitigation Strategies	
		Keep vegetation pruned to a minimal level near gas utilities	
		When possible, place propane tanks 20' away from home and structures	
Electr	ic U	tilities	
	→	Underground/clearly marked	
		Overhead with a 20 foot wide maintained right of way	
		Underground/not marked	
		Overhead with right of way not maintained	
	Reci	ommended Mitigation Strategies	
		Keep vegetation pruned and mowed around electric cabinets	
		Place non-flammable mulch (rock, stone) around base of electrical cabinets	
		Plant less flammable bushes and shrubs around electrical cabinets	
COMI	MEN	NTS TO THE PROPERTY OF THE PRO	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

104 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 45' 50" Longitude -88° 47' 40"

Dwelling Units 200

Size 959.75 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-27-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress					
	\rightarrow	2 or more roads in and out One road in and out (entrance and exit are the same)				
	Rec	commended Mitigation Strategies				
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency				
Road	l Wic	dth				
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet				
	Rec	ommended Mitigation Strategies				
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards				
Road	l Acc	essibility				
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road				
	Rec	ommended Mitigation Strategies				
		Ensure that road maintenance plan is in place				





Seco	Secondary Road Terminus		
		Road ends in a cul-de-sac, diameter > 100 feet	
		Road ends in a cul-de-sac, diameter < 100 feet	
		Dead end road <200 feet long	
	\rightarrow	Dead end road >200 feet long	
	Rec	ommended Mitigation Strategies	
		Ensure emergency responders are aware of dead-end roads	
		If dead-end roads are narrow, restrict access during an emergency	
Stree	et Sig	gns	
	→	Present, lettering 4 inches high, non-flammable and reflective	
		Present but wooden, non-reflective, or lettering less than 4"	
		Not present	
	Rec	ommended Mitigation Strategies	
		Keep street signs visible and clear of vegetation and fine fuels	
Drive	eway	ys	
	\rightarrow	Average driveway allows access to homes	
		Average driveway restricts access to homes	
	Rec	ommended Mitigation Strategies	
		Maintain driveway access and clearance	
Wate	er Su	pply	
		Has pressurized hydrants	
	\rightarrow	Dry Hydrant(s) / Draft available within the community	
		Other accessible sources within community (pond, lake, etc.)	
		Water sources located within 4 miles of community (incl heli dip sites)	
		No water sources in or within 4 miles of the community	
	Rec	ommended Mitigation Strategies	
		Clearly mark and regularly test dry hydrants	

□ Keep dry hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Loca	l Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

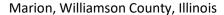
Predom	redominant Vegetation			
	Light			
\rightarrow	Medium			
	Heavy			
	Extreme / Slash			
Re	commended Mitigation Strategies			
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation Trim tree capacities regularly to keep their branches a minimum of 10' from structures and other trees.			
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees			
	Prune trees 6'10 feet from the ground			
	Fruite trees of 10 feet from the ground			
Defensik	ple Space			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
\rightarrow	< 30 ft. of vegetation treatment from structure(s)			
Re	commended Mitigation Strategies			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
	Mow lawns regularly			
	Water grass, plants, trees and mulch regularly			
	Create a spacing of 30 feet between tree crowns			
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials			
	Remove dead vegetation from under the deck and within 10 feet of the house			
	Consider xeriscaping if you are affected by water restrictions			
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
	Create fuel breaks like driveways and gravel walkways			
	Remove smaller conifers that are growing between taller trees			
	Remove heavy accumulations of woody debris			
	Reduce the density of tall trees so canopies do not touch			
tructur	e-to-Structure Ignition			
	No Possible Structure-to-Structure Ignition			
\rightarrow	Possible Structure-to-Structure Ignition			
Rei	commended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition			
	risk			
	Consider use of sprinkler systems to keep vegetation moisture levels up			
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible			

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Deb	ris or	n Roof			
		No			
	\rightarrow	Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
Vent	ilatio	on and Soffits			
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
		50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
Sidin	g				
	\rightarrow	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Unde	Jnderskirting		
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
		> 75% of homes have NO Wooden Attachments	
	\rightarrow	50-74% of homes have NO Wooden Attachments	
		< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	Building Setback		
		Not applicable	
		Greater than or equal to 30 feet from slope	
	\rightarrow	Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	
		Review suggested defensible space and vegetation management as pertains to building setback	





	_		
Windo	Windows		
-	>	Not known	
		Multi-paned	
		Single-paned	
R	leci	ommended Mitigation Strategies	
С		Use metal framing or aluminum coverings for wood or vinyl	
	_	Use a fiberglass or metal screen	
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread	
Gas Ut	ilit	ies	
-		Underground/clearly marked or Not applicable	
•	,		
		Above ground/clearly marked with a 30 foot cleared perimeter	
		Underground/not marked	
		Above ground/not marked	
R	lecc	ommended Mitigation Strategies	
]	Keep vegetation pruned to a minimal level near gas utilities	
		When possible, place propane tanks 20' away from home and structures	
Electric	c U	tilities	
		Underground/clearly marked	
-;	>	Overhead with a 20 foot wide maintained right of way	
		Underground/not marked	
		Overhead with right of way not maintained	
R	leci	ommended Mitigation Strategies	
С		Keep vegetation pruned and mowed around electric cabinets	
	_	Place non-flammable mulch (rock, stone) around base of electrical cabinets	
		Plant less flammable bushes and shrubs around electrical cabinets	
COMIV	4EN	UTC	
COMIN	IEI	NIS	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

122 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 46' 46" Longitude -88° 51' 1"

Dwelling Units 273

Size 432.22 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-27-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress				
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
	Rec	commended Mitigation Strategies			
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Roac	l Wid	dth			
		Road width is > 24 feet			
	\rightarrow	Road width is > 20 feet and < 24 feet			
		Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible			
		Consider providing pull-offs every 100 yards			
Roac	l Acc	essibility			
	→	Surfaced road			
	•				
		Non-surfaced road, grade less than or equal to 5%			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			





Seco	ndar	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stree	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driveways		ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
	→	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Local	Local Response Resources		
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

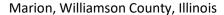
Predom	redominant Vegetation			
	Light			
\rightarrow	Medium			
	Heavy			
	Extreme / Slash			
Re	commended Mitigation Strategies			
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation Trim tree capacities regularly to keep their branches a minimum of 10' from structures and other trees.			
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees			
	Prune trees 6'10 feet from the ground			
	Fruite trees of 10 feet from the ground			
Defensik	ple Space			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
\rightarrow	< 30 ft. of vegetation treatment from structure(s)			
Re	commended Mitigation Strategies			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
	Mow lawns regularly			
	Water grass, plants, trees and mulch regularly			
	Create a spacing of 30 feet between tree crowns			
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials			
	Remove dead vegetation from under the deck and within 10 feet of the house			
	Consider xeriscaping if you are affected by water restrictions			
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
	Create fuel breaks like driveways and gravel walkways			
	Remove smaller conifers that are growing between taller trees			
	Remove heavy accumulations of woody debris			
	Reduce the density of tall trees so canopies do not touch			
tructur	e-to-Structure Ignition			
	No Possible Structure-to-Structure Ignition			
\rightarrow	Possible Structure-to-Structure Ignition			
Rei	commended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition			
	risk			
	Consider use of sprinkler systems to keep vegetation moisture levels up			
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible			

□ N/A





Slope	9		
	\rightarrow	Slope 0% - 5%	
		Slope 6 % - 10%	
		Slope 11% - 30%	
		Slope > 30%	
	Rec	ommended Mitigation Strategies	
		N/A	
Area	with	n History of High Fire Occurrence	
	\rightarrow	No recent History of High Fire Occurrence	
		Area with History of High Fire Occurrence	
	Rec	ommended Mitigation Strategies	
		N/A	
Торс	Topographical Features		
	\rightarrow	No topographical features that adversely affect wildland fire behavior	
		Topographical features that adversely affect wildland fire behavior	
	Rec	ommended Mitigation Strategies	
		N/A	
Adja	cenc	y to Wildlands	
		Not adjacent to wildlands with accumulated fuels and no program for fuel management	
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management	
	Rec	ommended Mitigation Strategies	
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands	
Seve	re W	/ind Exposure	
	→	Not in an area with regular exposure to severe winds	
		Regularly exposed to severe winds that adversely affect fire behavior	
	Rec	ommended Mitigation Strategies	





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roofing Materials					
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board			
Debi	is or	n Roof			
	→	No Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof			
Vent	ilatio	on and Soffits			
	→	> 75% of homes have non-combustible ventilation soffits with mesh or screening 50-74% of homes have non-combustible ventilation soffits with mesh or screening < 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents			
Siding					
	→	> 75% of homes have non-combustible siding 50-74% of homes have non-combustible siding < 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible			





Underskirting					
		> 75% of homes have skirting underneath raised floors/decks			
	\rightarrow	50-74% of homes have skirting underneath			
		< 50% of homes have skirting underneath			
	Rec	commended Mitigation Strategies			
		Remove combustible vegetation and leaf litter			
		Spread gravel or other non-combustible material under the deck			
		Screen in the bottom of the deck with metal 1/8-inch screening			
		Separate wooden fences from the house with a stone or metal barrier			
Woo	oden	Attachments			
		> 75% of homes have NO Wooden Attachments			
	\rightarrow	50-74% of homes have NO Wooden Attachments			
		< 50% of homes have NO Wooden Attachments			
	Rec	commended Mitigation Strategies			
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)			
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials			
		Be aware that wooden attachments can act as a fuse to the structure			
Gutt	ers				
	\rightarrow	Noncombustible			
		Combustible with leaf litter present			
	Rec	commended Mitigation Strategies			
		Keep gutters clear of fine fuels and debris			
Building Setback					
		Not applicable			
		Greater than or equal to 30 feet from slope			
	\rightarrow	Less than 30 feet from slope			
	Rec	commended Mitigation Strategies			

Review suggested defensible space and vegetation management as pertains to building setback





Windows				
\rightarrow	Not known			
	Multi-paned			
	Single-paned			
Rec	ommended Mitigation Strategies			
	Use metal framing or aluminum coverings for wood or vinyl			
	Use a fiberglass or metal screen			
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas Utilit	ies			
→	Underground/clearly marked or Not applicable			
-,	Above ground/clearly marked with a 30 foot cleared perimeter			
	Underground/not marked			
	•			
	Above ground/not marked			
Rec	commended Mitigation Strategies			
	Keep vegetation pruned to a minimal level near gas utilities			
	When possible, place propane tanks 20' away from home and structures			
Electric U	Itilities			
	Underground/clearly marked			
\rightarrow	Overhead with a 20 foot wide maintained right of way			
	Underground/not marked			
	Overhead with right of way not maintained			
Rec	ommended Mitigation Strategies			
	Keep vegetation pruned and mowed around electric cabinets			
	Place non-flammable mulch (rock, stone) around base of electrical cabinets			
	Plant less flammable bushes and shrubs around electrical cabinets			
COMMENTS				
COMME				

prosperity

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

83 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 47' 58" Longitude -88° 56' 17"

Dwelling Units 50

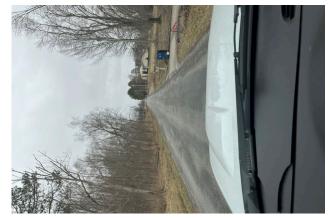
Size 470.18 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025









prosperity

Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingress and Egress					
	\rightarrow	2 or more roads in and out			
		One road in and out (entrance and exit are the same)			
	Recommended Mitigation Strategies				
		Keep community ingress/egress open and maintained (cleared of vegetation)			
		Develop community plan for evacuation routes, safe zones, staging areas			
		If community is gated, develop evacuation plan and ensure emergency responder access			
		Ensure residents know their closest exit in case of emergency			
Road	Wid	dth			
	\rightarrow	Road width is > 24 feet			
		Road width is > 20 feet and < 24 feet			
		Road width is < 20 feet			
	Rec	ommended Mitigation Strategies			
		Keep shoulders of road clear for emergency vehicle use whenever possible			
Road Accessibility					
	\rightarrow	Surfaced road			
		Non-surfaced road, grade less than or equal to 5%			
		Non-surfaced road, grade greater than 5%			
		Non-maintained dirt road			
	Rec	ommended Mitigation Strategies			
		Ensure that road maintenance plan is in place			

prosperity

Marion, Williamson County, Illinois



Seco	ndar	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stree	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wate	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

 $\hfill \square$ Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Reco	ommended Mitigation Strategies	
		N/A	
Loca	l Res	ponse Resources	
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department	
	Reco	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation	
	Reco	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predo	Predominant Vegetation				
		Light			
_	>	Medium			
		Heavy			
		Extreme / Slash			
F	Rec	ommended Mitigation Strategies			
Г		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation			
	_	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees			
[Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees			
[Prune trees 6'10 feet from the ground			
Defens	sibl	le Space			
		> 100 ft. of vegetation treatment from structure(s)			
		71 to 100 ft. of vegetation treatment from structure(s)			
		30 to 70 ft. of vegetation treatment from structure(s)			
_	-	< 30 ft. of vegetation treatment from structure(s)			
H	rec	ommended Mitigation Strategies			
[Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
[Mow lawns regularly			
	_	Water grass, plants, trees and mulch regularly			
	_	Create a spacing of 30 feet between tree crowns			
	_	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials			
]]	Remove dead vegetation from under the deck and within 10 feet of the house Consider xeriscaping if you are affected by water restrictions			
	_	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
	_	Create fuel breaks like driveways and gravel walkways			
	_	Remove smaller conifers that are growing between taller trees			
		Remove heavy accumulations of woody debris			
[]	Reduce the density of tall trees so canopies do not touch			
Structi	ıre	-to-Structure Ignition			
=	>	No Possible Structure-to-Structure Ignition			
		Possible Structure-to-Structure Ignition			
R	Rec	ommended Mitigation Strategies			
		N/A			

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	Roofing Materials			
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	commended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles		
		Inspect for and address gaps in roofing that can expose roof decking or supports		
		Place angle flashing over openings between the roof decking and fascia board		
Deb	ris oı	n Roof		
	→	No		
		Yes		
	Rec	commended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly		
		Prune tree limbs away from roof		
Vent	ilatio	on and Soffits		
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening		
		50-74% of homes have non-combustible ventilation soffits with mesh or screening		
		< 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
		Install a 1/8 inch metal screen behind roof vents		
Sidir	ıg			
	\rightarrow	> 75% of homes have non-combustible siding		
		50-74% of homes have non-combustible siding		
		< 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding		
		Increase defensible space from combustible siding		
		Replace with noncombustible siding when possible		





Unde	Underskirting Control of the Control		
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ing S	Setback	
	\rightarrow	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	
		NI/A	





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	commended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	tios
\rightarrow	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	commended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	Utilities
\rightarrow	Underground/clearly marked
	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	commended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMME	MTS.
COMMI	N15

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

77 - Moderate

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

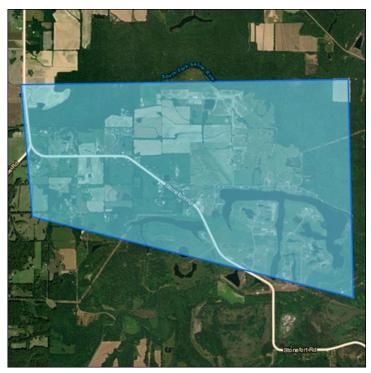
Latitude 37° 40' 20" Longitude -88° 46' 30"

Dwelling Units 17

Size 2,855.93 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-31-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ess a	nd Egress
	\rightarrow	2 or more roads in and out
		One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation)
		Develop community plan for evacuation routes, safe zones, staging areas
		If community is gated, develop evacuation plan and ensure emergency responder access
		Ensure residents know their closest exit in case of emergency
Road	d Wic	dth
		Road width is > 24 feet
	\rightarrow	Road width is > 20 feet and < 24 feet
		Road width is < 20 feet
	_	
	Rec	rommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible
		Consider providing pull-offs every 100 yards
Road	d Acc	essibility
	\rightarrow	Surfaced road
		Non-surfaced road, grade less than or equal to 5%
		Non-surfaced road, grade greater than 5%
		Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place





Seco	Secondary Road Terminus			
		Road ends in a cul-de-sac, diameter > 100 feet		
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet		
		Dead end road <200 feet long		
		Dead end road >200 feet long		
	Rec	ommended Mitigation Strategies		
		Maintain unobstructed access into cul-de-sacs		
		Ensure cul-de-sacs are free of vehicles and/or other items		
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles		
Stree	et Sig	gns		
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective		
		Present but wooden, non-reflective, or lettering less than 4"		
		Not present		
	Rec	ommended Mitigation Strategies		
		Keep street signs visible and clear of vegetation and fine fuels		
Drive	eway	ys .		
	\rightarrow	Average driveway allows access to homes		
		Average driveway restricts access to homes		
	Rec	ommended Mitigation Strategies		
		Maintain driveway access and clearance		
Wate	er Su	pply		
		Has pressurized hydrants		
	\rightarrow	Dry Hydrant(s) / Draft available within the community		
		Other accessible sources within community (pond, lake, etc.)		
		Water sources located within 4 miles of community (incl heli dip sites)		
		No water sources in or within 4 miles of the community		
	Rec	ommended Mitigation Strategies		
	П	Clearly mark and regularly test dry hydrants		

 $\hfill \square$ Keep dry hydrants clear of obstructions and vegetation





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	ommended Mitigation Strategies	
		N/A	
Local	Res	ponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	ommended Mitigation Strategies	
		N/A	
Hom	eow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	→	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	ommended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predomi	inant Vegetation		
\rightarrow	Light		
	Medium		
	Heavy		
	Extreme / Slash		
Ro	commended Mitigation Strategies		
ne.			
	Use brick or stone along the edge of an island to slow the flame spread		
	Consider landscaping using single plants or groups within islands to separate fuels		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
Defensib	ole Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Red	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
Structure	e-to-Structure Ignition		
→	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Red	commended Mitigation Strategies		
П	N/A		

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Debi	is or	n Roof			
		No			
	\rightarrow	Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
/ent	ilatio	on and Soffits			
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
		50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
idin	g				
	\rightarrow	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Unde	Underskirting Control of the Control					
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks				
		50-74% of homes have skirting underneath				
		< 50% of homes have skirting underneath				
	Rec	ommended Mitigation Strategies				
		Remove combustible vegetation and leaf litter				
		Spread gravel or other non-combustible material under the deck				
		Screen in the bottom of the deck with metal 1/8-inch screening				
		Separate wooden fences from the house with a stone or metal barrier				
Woo	den	Attachments				
	\rightarrow	> 75% of homes have NO Wooden Attachments				
		50-74% of homes have NO Wooden Attachments				
		< 50% of homes have NO Wooden Attachments				
	Rec	ommended Mitigation Strategies				
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)				
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials				
		Be aware that wooden attachments can act as a fuse to the structure				
Gutte	ers					
	\rightarrow	Noncombustible				
		Combustible with leaf litter present				
	Rec	ommended Mitigation Strategies				
		Keep gutters clear of fine fuels and debris				
Build	ing S	Setback				
	\rightarrow	Not applicable				
		Greater than or equal to 30 feet from slope				
		Less than 30 feet from slope				
	Rec	ommended Mitigation Strategies				
	П	NI/A				





Windows	
\rightarrow	Not known
	Multi-paned
	Single-paned
Rec	ommended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Utilit	ies
\rightarrow	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
Rec	ommended Mitigation Strategies
	Keep vegetation pruned to a minimal level near gas utilities
	When possible, place propane tanks 20' away from home and structures
Electric U	tilities
	Underground/clearly marked
\rightarrow	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
Rec	ommended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
COMMEN	NTS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

98 - Moderate

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 48' 58" Longitude -88° 59' 13"

Dwelling Units 30

Size 7.61 acres Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025







Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ngress and Egress						
		2 or more roads in and out					
	\rightarrow	One road in and out (entrance and exit are the same)					
	Rec	commended Mitigation Strategies					
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies					
Road	Road Width						
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet					
	Rec	ommended Mitigation Strategies					
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards					
Road	Road Accessibility						
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road					
	Rec	ommended Mitigation Strategies					
		Ensure that road maintenance plan is in place					

Marion, Williamson County, Illinois



S	ec	or	٦d	ar	v R	oa	d T	Terr	ni	nus	S

→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- □ Maintain unobstructed access into cul-de-sacs
- ☐ Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Hazaı	rdou	s Features			
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features			
	Reco	ommended Mitigation Strategies			
		N/A			
Local	Local Response Resources				
	→	5 miles or less from fire department More than 5 miles from fire department			
	Reco	ecommended Mitigation Strategies			
		N/A			
Home	eow	ners Association			
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation			
	Reco	ommended Mitigation Strategies			

Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predomi	inant Vegetation
\rightarrow	Light
	Medium
	Heavy
	Extreme / Slash
Re	commended Mitigation Strategies
	Use brick or stone along the edge of an island to slow the flame spread
	Consider landscaping using single plants or groups within islands to separate fuels
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation
Defensik	ole Space
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
	30 to 70 ft. of vegetation treatment from structure(s)
→	< 30 ft. of vegetation treatment from structure(s)
Red	commended Mitigation Strategies
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space
	Mow lawns regularly
	Water grass, plants, trees and mulch regularly
	Create a spacing of 30 feet between tree crowns
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials
	Remove dead vegetation from under the deck and within 10 feet of the house
	Consider xeriscaping if you are affected by water restrictions
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)
	Create fuel breaks like driveways and gravel walkways
	Remove smaller conifers that are growing between taller trees
	Remove heavy accumulations of woody debris
	Reduce the density of tall trees so canopies do not touch
Structur	e-to-Structure Ignition
\rightarrow	No Possible Structure-to-Structure Ignition
	Possible Structure-to-Structure Ignition
Red	commended Mitigation Strategies
	N/A

□ N/A





Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торо	ograp	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	ing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	ommended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Debr	is or	n Roof
	→	No
		Yes
	Rec	ommended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
/ent	ilatio	on and Soffits
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening
		50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
idin	g	
	\rightarrow	> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
		< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible

Marion, Williamson County, Illinois



Unde	erski	rting				
		> 75% of homes have skirting underneath raised floors/decks				
	\rightarrow	50-74% of homes have skirting underneath				
		< 50% of homes have skirting underneath				
	Rec	commended Mitigation Strategies				
		Remove combustible vegetation and leaf litter				
		Spread gravel or other non-combustible material under the deck				
		Screen in the bottom of the deck with metal 1/8-inch screening				
		Separate wooden fences from the house with a stone or metal barrier				
Woo	den	Attachments				
		> 75% of homes have NO Wooden Attachments				
	\rightarrow	50-74% of homes have NO Wooden Attachments				
		< 50% of homes have NO Wooden Attachments				
	Rec	commended Mitigation Strategies				
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)				
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials				
		Be aware that wooden attachments can act as a fuse to the structure				
Gutt	ers					
	→	Noncombustible				
		Combustible with leaf litter present				
	Rec	commended Mitigation Strategies				
		Keep gutters clear of fine fuels and debris				
Build	Building Setback					
		Not applicable				
		Greater than or equal to 30 feet from slope				
	\rightarrow	Less than 30 feet from slope				
	Poo	commanded Mitigation Stratagies				

Review suggested defensible space and vegetation management as pertains to building setback





	_				
Windo	Windows				
-	>	Not known			
		Multi-paned			
		Single-paned			
R	leci	ommended Mitigation Strategies			
С		Use metal framing or aluminum coverings for wood or vinyl			
	_	Use a fiberglass or metal screen			
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread			
Gas Ut	ilit	ies			
-		Underground/clearly marked or Not applicable			
•	,				
		Above ground/clearly marked with a 30 foot cleared perimeter			
		Underground/not marked			
		Above ground/not marked			
R	lecc	ommended Mitigation Strategies			
]	Keep vegetation pruned to a minimal level near gas utilities			
		When possible, place propane tanks 20' away from home and structures			
Electric	c U	tilities			
		Underground/clearly marked			
-;	>	Overhead with a 20 foot wide maintained right of way			
		Underground/not marked			
		Overhead with right of way not maintained			
R	leci	ommended Mitigation Strategies			
С		Keep vegetation pruned and mowed around electric cabinets			
	_	Place non-flammable mulch (rock, stone) around base of electrical cabinets			
		Plant less flammable bushes and shrubs around electrical cabinets			
COMIV	4EN	UTC			
COMIN	IEI	NIS			

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

89 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 48' 42" Longitude -88° 54' 35"

Dwelling Units 35

Size 313.92 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 03-05-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress						
	\rightarrow	2 or more roads in and out					
		One road in and out (entrance and exit are the same)					
	Rec	commended Mitigation Strategies					
		Keep community ingress/egress open and maintained (cleared of vegetation)					
		Develop community plan for evacuation routes, safe zones, staging areas					
		If community is gated, develop evacuation plan and ensure emergency responder access					
		Ensure residents know their closest exit in case of emergency					
Road	l Wid	dth					
	\rightarrow	Road width is > 24 feet					
		Road width is > 20 feet and < 24 feet					
		Road width is < 20 feet					
	Rec	ommended Mitigation Strategies					
		Keep shoulders of road clear for emergency vehicle use whenever possible					
Road	Acc	essibility					
	\rightarrow	Surfaced road					
		Non-surfaced road, grade less than or equal to 5%					
		· · · · · · · · · · · · · · · · · · ·					
		Non-surfaced road, grade greater than 5%					
		Non-maintained dirt road					
	Rec	ommended Mitigation Strategies					
		Ensure that road maintenance plan is in place					





Seco	ndaı	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stre	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driv	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

□ Keep hydrants clear of obstructions and vegetation





Hazardous Features				
	\rightarrow	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features		
	Rec	commended Mitigation Strategies		
		N/A		
Local Response Resources				
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department		
	Rec	commended Mitigation Strategies		
		N/A		
Homeowners Association				
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation		
	Rec	commended Mitigation Strategies		
		Work with community to become more proactive towards protecting your life and property against wildfires		

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

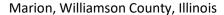
Predom	ninant Vegetation
	Light
\rightarrow	Medium
	Heavy
	Extreme / Slash
Re	ecommended Mitigation Strategies
	Fruite trees of 10 reet from the ground
Defensi	ible Space
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
	30 to 70 ft. of vegetation treatment from structure(s)
\rightarrow	
Re	ecommended Mitigation Strategies
	-
	3
	5 ,
_	
Structu	re-to-Structure Ignition
ili uota.	-
	No Possible Structure-to-Structure Ignition
→	Possible Structure-to-Structure Ignition
Re	ecommended Mitigation Strategies
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition
	risk
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible

□ N/A





Slope			
	\rightarrow	Slope 0% - 5%	
		Slope 6 % - 10%	
		Slope 11% - 30%	
		Slope > 30%	
	Rec	ommended Mitigation Strategies	
		N/A	
Area	with	n History of High Fire Occurrence	
	\rightarrow	No recent History of High Fire Occurrence	
		Area with History of High Fire Occurrence	
	Rec	ommended Mitigation Strategies	
		N/A	
Topographical Features			
	\rightarrow	No topographical features that adversely affect wildland fire behavior	
		Topographical features that adversely affect wildland fire behavior	
	Rec	ommended Mitigation Strategies	
		N/A	
Adja	cenc	y to Wildlands	
		Not adjacent to wildlands with accumulated fuels and no program for fuel management	
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management	
	Rec	ommended Mitigation Strategies	
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands	
Severe Wind Exposure			
	→	Not in an area with regular exposure to severe winds	
		Regularly exposed to severe winds that adversely affect fire behavior	
	Rec	ommended Mitigation Strategies	





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roofing Materials					
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Deb	ris or	n Roof			
	\rightarrow	No			
		Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
Vent	ilatio	on and Soffits			
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
		50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	ommended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
Sidin	g				
	\rightarrow	> 75% of homes have non-combustible siding			
		50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	ommended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Underskirting				
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks		
		50-74% of homes have skirting underneath		
		< 50% of homes have skirting underneath		
	Rec	ommended Mitigation Strategies		
		Remove combustible vegetation and leaf litter		
		Spread gravel or other non-combustible material under the deck		
		Screen in the bottom of the deck with metal 1/8-inch screening		
		Separate wooden fences from the house with a stone or metal barrier		
Woo	den .	Attachments		
		> 75% of homes have NO Wooden Attachments		
		50-74% of homes have NO Wooden Attachments		
	\rightarrow	< 50% of homes have NO Wooden Attachments		
	Rec	ommended Mitigation Strategies		
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials		
		Be aware that wooden attachments can act as a fuse to the structure		
Gutte	ers			
	\rightarrow	Noncombustible		
		Combustible with leaf litter present		
	Rec	ommended Mitigation Strategies		
		Keep gutters clear of fine fuels and debris		
Building Setback				
	→	Not applicable		
		Greater than or equal to 30 feet from slope		
		Less than 30 feet from slope		
	Rec	ommended Mitigation Strategies		
		N/A		

Shakerag





Windows	Windows				
\rightarrow	Not known				
	Multi-paned				
	Single-paned				
Rec	commended Mitigation Strategies				
	Use metal framing or aluminum coverings for wood or vinyl				
	Use a fiberglass or metal screen				
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread				
Gas Utilit	tios				
\rightarrow	Underground/clearly marked or Not applicable				
	Above ground/clearly marked with a 30 foot cleared perimeter				
	Underground/not marked				
	Above ground/not marked				
Rec	commended Mitigation Strategies				
	Keep vegetation pruned to a minimal level near gas utilities				
	When possible, place propane tanks 20' away from home and structures				
Electric U	Utilities				
\rightarrow	Underground/clearly marked				
	Overhead with a 20 foot wide maintained right of way				
	Underground/not marked				
	Overhead with right of way not maintained				
Rec	commended Mitigation Strategies				
	Keep vegetation pruned and mowed around electric cabinets				
	Place non-flammable mulch (rock, stone) around base of electrical cabinets				
	Plant less flammable bushes and shrubs around electrical cabinets				
COMME	MTS.				
COMMI	N15				

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

128 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

Latitude 37° 36' 49" Longitude -89° 6' 11"

Dwelling Units 50

Size 187.79 acres

Residential Type Fixed

Assessed By: David Jones
Assessment Date: 09-10-2024

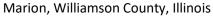


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ngress and Egress					
		2 or more roads in and out				
	\rightarrow	One road in and out (entrance and exit are the same)				
	Rec	commended Mitigation Strategies				
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies				
Road	d Wid	dth				
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet				
	Rec	ommended Mitigation Strategies				
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards				
Road	d Acc	essibility				
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road				
	Rec	ommended Mitigation Strategies				
		Ensure that road maintenance plan is in place				





Seco	ndaı	ry Road Terminus
	\rightarrow	Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	ommended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
Stre	et Sig	gns
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	ommended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Driv	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	ommended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	pply
	→	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	ommended Mitigation Strategies

Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation

Marion, Williamson County, Illinois



				_		
2	73	ro	110	Eο	211	ures

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

5 miles or less from fire department

→ More than 5 miles from fire department

Recommended Mitigation Strategies

- Establish and maintain contact with the closest Fire Department
- ☐ Be aware of the importance of early detection and reporting of any emergency

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

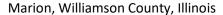
Predom	redominant Vegetation				
	Light				
\rightarrow	Medium				
	Heavy				
	Extreme / Slash				
Re	ecommended Mitigation Strategies				
	Fruite trees of 10 reet from the ground				
Defensi	ible Space				
	> 100 ft. of vegetation treatment from structure(s)				
	71 to 100 ft. of vegetation treatment from structure(s)				
	30 to 70 ft. of vegetation treatment from structure(s)				
\rightarrow					
Re	ecommended Mitigation Strategies				
	-				
	, , , , , , , , , , , , , , , , , , ,				
	0 ,				
Structu	re-to-Structure Ignition				
ili uota.					
	No Possible Structure-to-Structure Ignition				
→	Possible Structure-to-Structure Ignition				
Re	ecommended Mitigation Strategies				
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition				
	risk				
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible				

□ N/A





Slop	e	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Торо	ograj	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	ey to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	\rightarrow	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	oofing Materials				
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
	Rec	commended Mitigation Strategies			
		Use fire-resistant roofing material such as metal, tile or Class A shingles			
		Inspect for and address gaps in roofing that can expose roof decking or supports			
		Place angle flashing over openings between the roof decking and fascia board			
Deb	ris oı	n Roof			
		No			
	\rightarrow	Yes			
	Rec	commended Mitigation Strategies			
		Clear branch, leaf-litter and other debris from roof regularly			
		Prune tree limbs away from roof			
/entilation and Soffits					
		> 75% of homes have non-combustible ventilation soffits with mesh or screening			
	\rightarrow	50-74% of homes have non-combustible ventilation soffits with mesh or screening			
		< 50% of homes have non-combustible ventilation soffits with mesh or screening			
	Rec	commended Mitigation Strategies			
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
		Install a 1/8 inch metal screen behind roof vents			
idir	ng				
		> 75% of homes have non-combustible siding			
	\rightarrow	50-74% of homes have non-combustible siding			
		< 50% of homes have non-combustible siding			
	Rec	commended Mitigation Strategies			
		Keep landscaping materials and vegetation away from combustible siding			
		Increase defensible space from combustible siding			
		Replace with noncombustible siding when possible			





Undersk	irting
\rightarrow	> 75% of homes have skirting underneath raised floors/decks
	50-74% of homes have skirting underneath
	< 50% of homes have skirting underneath
Rei	commended Mitigation Strategies
	Remove combustible vegetation and leaf litter
	Spread gravel or other non-combustible material under the deck
	Screen in the bottom of the deck with metal 1/8-inch screening
	Separate wooden fences from the house with a stone or metal barrier
Wooden	n Attachments
	> 75% of homes have NO Wooden Attachments
\rightarrow	50-74% of homes have NO Wooden Attachments
	< 50% of homes have NO Wooden Attachments
Red	commended Mitigation Strategies
	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
	Be aware that wooden attachments can act as a fuse to the structure
Gutters	
\rightarrow	Noncombustible
	Combustible with leaf litter present
Red	commended Mitigation Strategies
	Keep gutters clear of fine fuels and debris
Building	Setback
\rightarrow	Not applicable
	Greater than or equal to 30 feet from slope
	Less than 30 feet from slope
Rec	commended Mitigation Strategies
	N/A





Windo	ws
	Not known
-	Multi-paned
	Single-paned
R	ecommended Mitigation Strategies
	Use metal framing or aluminum coverings for wood or vinyl
	Use a fiberglass or metal screen
	Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	ilities
-;	Underground/clearly marked or Not applicable
	Above ground/clearly marked with a 30 foot cleared perimeter
	Underground/not marked
	Above ground/not marked
R	ecommended Mitigation Strategies
	☐ Keep vegetation pruned to a minimal level near gas utilities
Electric	C Utilities
	Underground/clearly marked
-	Overhead with a 20 foot wide maintained right of way
	Underground/not marked
	Overhead with right of way not maintained
R	ecommended Mitigation Strategies
	Keep vegetation pruned and mowed around electric cabinets
	Place non-flammable mulch (rock, stone) around base of electrical cabinets
	Plant less flammable bushes and shrubs around electrical cabinets
соми	IENTS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

145 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 45' 54" Longitude -88° 55' 15"

Dwelling Units 95

Size 370.28 acres

Residential Type Fixed

Assessed By: Kelsey Bowe
Assessment Date: 01-22-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ss a	nd Egress		
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	ommended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road	Road Width			
		Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
	\rightarrow	Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
		Consider providing pull-offs every 100 yards for emergency vehicle use		
		Coordinate with fire department to ensure they are aware of road width limitations		
		Be aware that road width could limit emergency vehicles to brush trucks only		
Road	Acc	essibility		
	→	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





Secon	ndar	y Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Reco	ommended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Street	t Sig	ens
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	ommended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	way	'S
		Average driveway allows access to homes
	\rightarrow	Average driveway restricts access to homes
	Rec	ommended Mitigation Strategies
		Improve driveway accessibility where possible
		Ensure emergency responders are aware of driveway restrictions
Wate	r Su	pply
	→	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Reco	ommended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained
		Keep hydrants clear of obstructions and vegetation





Haza	Hazardous Features				
	\rightarrow	No notable hazardous features present to hinder fire suppression			
		Fire suppression hindered by hazardous features			
	Rec	ommended Mitigation Strategies			
		N/A			
Loca	Local Response Resources				
	\rightarrow	5 miles or less from fire department			
		More than 5 miles from fire department			
	Rec	ommended Mitigation Strategies			
		N/A			
Hom	eow	ners Association			
		HOA has organizational structure for sustained fire prevention and mitigation			
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation			
	Rec	ommended Mitigation Strategies			
		Work with community to become more proactive towards protecting your life and property against wildfires			

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

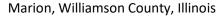
Predom	Predominant Vegetation			
	Light			
\rightarrow	Medium			
	Heavy			
	Extreme / Slash			
De	ecommended Mitigation Strategies			
ne.				
	7			
	Prune trees 6'10 feet from the ground			
Defensi	ble Space			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
\rightarrow	< 30 ft. of vegetation treatment from structure(s)			
, ne	ecommended Mitigation Strategies			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
	Mow lawns regularly			
	Water grass, plants, trees and mulch regularly			
	Create a spacing of 30 feet between tree crowns			
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials Remove dead vegetation from under the deck and within 10 feet of the house			
	Consider xeriscaping if you are affected by water restrictions			
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)			
_	Create fuel breaks like driveways and gravel walkways			
	Remove smaller conifers that are growing between taller trees			
	Remove heavy accumulations of woody debris			
	Reduce the density of tall trees so canopies do not touch			
Structur	re-to-Structure Ignition			
	No Possible Structure-to-Structure Ignition			
→	Possible Structure-to-Structure Ignition			
Re	commended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition			
	risk			
	Consider use of sprinkler systems to keep vegetation moisture levels up			
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible			

□ N/A





Slope			
\rightarrow	Slope 0% - 5%		
	Slope 6 % - 10%		
	Slope 11% - 30%		
	Slope > 30%		
Re	commended Mitigation Strategies		
	N/A		
Area wit	th History of High Fire Occurrence		
→	No recent History of High Fire Occurrence		
	Area with History of High Fire Occurrence		
Re	commended Mitigation Strategies		
	N/A		
Topogra	Topographical Features		
→	No topographical features that adversely affect wildland fire behavior		
	Topographical features that adversely affect wildland fire behavior		
Re	commended Mitigation Strategies		
	N/A		
Adjacen	cy to Wildlands		
	Not adjacent to wildlands with accumulated fuels and no program for fuel management		
→	Adjacent to wildlands with accumulated fuels and no program for fuel management		
Re	commended Mitigation Strategies		
	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands		
Severe \	Wind Exposure		
→	Not in an area with regular exposure to severe winds		
	Regularly exposed to severe winds that adversely affect fire behavior		
Re	commended Mitigation Strategies		





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	Roofing Materials			
	→	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles 50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles < 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	commended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles Inspect for and address gaps in roofing that can expose roof decking or supports Place angle flashing over openings between the roof decking and fascia board		
Debi	is or	n Roof		
	→	No Yes		
	Rec	commended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly Prune tree limbs away from roof		
Ventilation and Soffits				
	→	> 75% of homes have non-combustible ventilation soffits with mesh or screening 50-74% of homes have non-combustible ventilation soffits with mesh or screening < 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco Install a 1/8 inch metal screen behind roof vents		
Sidin	g			
	→	> 75% of homes have non-combustible siding 50-74% of homes have non-combustible siding < 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding Increase defensible space from combustible siding Replace with noncombustible siding when possible		





Und	Underskirting			
		> 75% of homes have skirting underneath raised floors/decks		
		50-74% of homes have skirting underneath		
	\rightarrow	< 50% of homes have skirting underneath		
	Rec	commended Mitigation Strategies		
		Remove combustible vegetation and leaf litter		
		Spread gravel or other non-combustible material under the deck		
		Screen in the bottom of the deck with metal 1/8-inch screening		
		Separate wooden fences from the house with a stone or metal barrier		
Woo	den	Attachments		
		> 75% of homes have NO Wooden Attachments		
		50-74% of homes have NO Wooden Attachments		
	\rightarrow	< 50% of homes have NO Wooden Attachments		
	Recommended Mitigation Strategies			
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)		
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire		
	_	resistant materials		
		Be aware that wooden attachments can act as a fuse to the structure		
Gutt	ers			
	\rightarrow	Noncombustible		
		Combustible with leaf litter present		
	Rec	commended Mitigation Strategies		
		Keep gutters clear of fine fuels and debris		
Build	ling	Setback		
		Not applicable		
		Greater than or equal to 30 feet from slope		
	\rightarrow	Less than 30 feet from slope		
	Rec	commended Mitigation Strategies		

□ Review suggested defensible space and vegetation management as pertains to building setback





Windo	ws	
		Not known
		Multi-paned
-	→	Single-paned
F	Reco	ommended Mitigation Strategies
ı		Install double-paned or tempered-glass windows, if possible
ı		Use metal framing or aluminum coverings for wood or vinyl
I		Use a fiberglass or metal screen
I		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	tilit	ies
	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	2	-
r	lecc	ommended Mitigation Strategies
[Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electric Utilities		
		Underground/clearly marked
-	→	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
F	Reco	ommended Mitigation Strategies
ı		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
ı		Plant less flammable bushes and shrubs around electrical cabinets
COMI	ΛEΝ	ITS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

115 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Lake Egypt Fire Protection District

Community Information

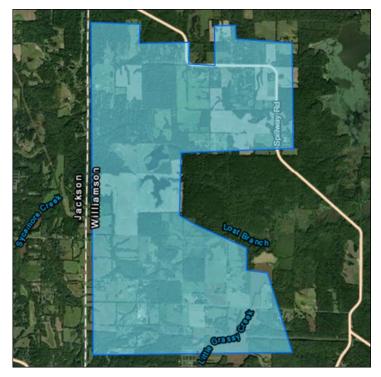
Latitude 37° 40' 50" Longitude -89° 8' 2"

Dwelling Units 1

Size 4,192.17 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 04-22-2025

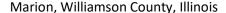


Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ngress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
	Rec	commended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Roac	l Wid	dth		
		Road width is > 24 feet		
	\rightarrow	Road width is > 20 feet and < 24 feet		
		Road width is < 20 feet		
	Rec	ommended Mitigation Strategies		
		Keep shoulders of road clear for emergency vehicle use whenever possible		
		Consider providing pull-offs every 100 yards		
Roac	l Acc	essibility		
	→	Surfaced road		
	•			
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
	Rec	ommended Mitigation Strategies		
		Ensure that road maintenance plan is in place		





	_	_		_
Second	larv	Road	Term	inus

→ Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

- □ Maintain unobstructed access into cul-de-sacs
- Ensure cul-de-sacs are free of vehicles and/or other items

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

☐ Maintain driveway access and clearance

Water Supply

Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

→ Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

☐ Be aware of your limited access to a water source and coordinate with the closest Fire Department accordingly





Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Reco	ommended Mitigation Strategies	
		N/A	
Local	Res	ponse Resources	
		5 miles or less from fire department	
	\rightarrow	More than 5 miles from fire department	
	Reco	ommended Mitigation Strategies	
		Establish and maintain contact with the closest Fire Department	
		Be aware of the importance of early detection and reporting of any emergency	
Homeowners Association			
		110A has a resident and about the forest and fire accounting and mitigation	

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

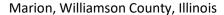
Pred	Predominant Vegetation			
		Light		
	\rightarrow	Medium		
		Heavy		
		Extreme / Slash		
	Rec	commended Mitigation Strategies		
		Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
		Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
		Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
		Prune trees 6'10 feet from the ground		
Defe	nsib	le Space		
		> 100 ft. of vegetation treatment from structure(s)		
		71 to 100 ft. of vegetation treatment from structure(s)		
	\rightarrow	30 to 70 ft. of vegetation treatment from structure(s)		
		< 30 ft. of vegetation treatment from structure(s)		
	Rec	ommended Mitigation Strategies		
		Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
		Mow lawns regularly		
		Water grass, plants, trees and mulch regularly		
		Create a spacing of 30 feet between tree crowns		
		Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
		Remove dead vegetation from under the deck and within 10 feet of the house		
		Consider xeriscaping if you are affected by water restrictions		
		Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine) Create fuel breaks like driveways and gravel walkways		
Struc	ture	e-to-Structure Ignition		
	\rightarrow	No Possible Structure-to-Structure Ignition		
		Possible Structure-to-Structure Ignition		
	Rec	ommended Mitigation Strategies		
	П	N/Δ		

□ N/A





Slope)		
	\rightarrow	Slope 0% - 5%	
		Slope 6 % - 10%	
		Slope 11% - 30%	
		Slope > 30%	
	Rec	ommended Mitigation Strategies	
		N/A	
Area	witl	n History of High Fire Occurrence	
	\rightarrow	No recent History of High Fire Occurrence	
		Area with History of High Fire Occurrence	
	Rec	ommended Mitigation Strategies	
		N/A	
Торо	Topographical Features		
	\rightarrow	No topographical features that adversely affect wildland fire behavior	
		Topographical features that adversely affect wildland fire behavior	
	Rec	commended Mitigation Strategies	
		N/A	
Adja	cenc	y to Wildlands	
		Not adjacent to wildlands with accumulated fuels and no program for fuel management	
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management	
	Rec	commended Mitigation Strategies	
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands	
Seve	re W	/ind Exposure	
	\rightarrow	Not in an area with regular exposure to severe winds	
		Regularly exposed to severe winds that adversely affect fire behavior	
	Rec	commended Mitigation Strategies	





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped 10% to 50% of lots are undeveloped

→ 51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	fing I	Materials
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
	Rec	commended Mitigation Strategies
		Use fire-resistant roofing material such as metal, tile or Class A shingles
		Inspect for and address gaps in roofing that can expose roof decking or supports
		Place angle flashing over openings between the roof decking and fascia board
Deb	ris or	n Roof
	\rightarrow	No
		Yes
	Rec	commended Mitigation Strategies
		Clear branch, leaf-litter and other debris from roof regularly
		Prune tree limbs away from roof
Vent	tilatio	on and Soffits
		> 75% of homes have non-combustible ventilation soffits with mesh or screening
	\rightarrow	50-74% of homes have non-combustible ventilation soffits with mesh or screening
		< 50% of homes have non-combustible ventilation soffits with mesh or screening
	Rec	ommended Mitigation Strategies
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco
		Install a 1/8 inch metal screen behind roof vents
Sidir	ng	
		> 75% of homes have non-combustible siding
		50-74% of homes have non-combustible siding
	\rightarrow	< 50% of homes have non-combustible siding
	Rec	ommended Mitigation Strategies
		Keep landscaping materials and vegetation away from combustible siding
		Increase defensible space from combustible siding
		Replace with noncombustible siding when possible





Unde	Underskirting		
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Reco	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den .	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Reco	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Reco	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ling S	Setback	
	\rightarrow	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
	Rece	ommended Mitigation Strategies	
		N/A	





Wind	lows			
		Not known		
	\rightarrow	Multi-paned		
		Single-paned		
	Rec	ommended Mitigation Strategies		
		Use metal framing or aluminum coverings for wood or vinyl		
		Use a fiberglass or metal screen		
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread		
Gas l	Jtilit	ies		
	\rightarrow	Underground/clearly marked or Not applicable		
		Above ground/clearly marked with a 30 foot cleared perimeter		
		Underground/not marked		
		Above ground/not marked		
	Rec	ommended Mitigation Strategies		
		Keep vegetation pruned to a minimal level near gas utilities		
		When possible, place propane tanks 20' away from home and structures		
Elect	ric U	ltilities		
		Underground/clearly marked		
		Overhead with a 20 foot wide maintained right of way		
		Underground/not marked		
	\rightarrow	Overhead with right of way not maintained		
	Rec	Recommended Mitigation Strategies		
		Keep vegetation pruned and mowed around electric right of ways		
COM	COMMENTS			

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

130 - High

Suppression Rating

High Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 50' 16" Longitude -88° 57' 10"

Dwelling Units 10

Size 265.58 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025





Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

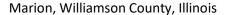
Ingress and Egress				
	2 or more roads in and out			
\rightarrow	One road in and out (entrance and exit are the same)			
Re	ecommended Mitigation Strategies			
	Keep community ingress/egress open and maintained (cleared of vegetation)			
	Develop community plan for evacuation routes, safe zones, staging areas			
	If community is gated, develop evacuation plan and ensure emergency responder access			
	Ensure residents know their closest exit in case of emergency			
	Evaluate adding a secondary ingress / egress route for use in emergencies			
Road W	lidth			
	Road width is > 24 feet			
	Road width is > 20 feet and < 24 feet			
\rightarrow	Road width is < 20 feet			
Re	ecommended Mitigation Strategies			
	Keep shoulders of road clear for emergency vehicle use whenever possible			
	Consider providing pull-offs every 100 yards for emergency vehicle use			
	Coordinate with fire department to ensure they are aware of road width limitations			
	Be aware that road width could limit emergency vehicles to brush trucks only			
Road A	ccessibility			
→	Surfaced road			
	Non-surfaced road, grade less than or equal to 5%			
	Non-surfaced road, grade greater than 5%			
	Non-maintained dirt road			
Re	ecommended Mitigation Strategies			
	Ensure that road maintenance plan is in place			





Secondary Road Terminus					
		Road ends in a cul-de-sac, diameter > 100 feet			
		Road ends in a cul-de-sac, diameter < 100 feet			
	\rightarrow	Dead end road <200 feet long			
		Dead end road >200 feet long			
	Rec	ommended Mitigation Strategies			
		Ensure emergency responder are aware of dead-end roads			
Stree	et Sig	gns			
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective			
		Present but wooden, non-reflective, or lettering less than 4"			
		Not present			
	Rec	ommended Mitigation Strategies			
		Keep street signs visible and clear of vegetation and fine fuels			
Drive	eway	ys			
		Average driveway allows access to homes			
	\rightarrow	Average driveway restricts access to homes			
	Rec	ommended Mitigation Strategies			
		Improve driveway accessibility where possible			
		Ensure emergency responders are aware of driveway restrictions			
Wate	er Su	pply			
	\rightarrow	Has pressurized hydrants			
		Dry Hydrant(s) / Draft available within the community			
		Other accessible sources within community (pond, lake, etc.)			
		Water sources located within 4 miles of community (incl heli dip sites)			
		No water sources in or within 4 miles of the community			
	Rec	Recommended Mitigation Strategies			
		Ensure hydrants and water sources are marked, accessible and properly maintained			

Keep hydrants clear of obstructions and vegetation





			res

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predominant Vegetation					
	Light				
\rightarrow	Medium				
	Heavy				
	Extreme / Slash				
Re	commended Mitigation Strategies				
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation				
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees				
	Prune trees 6'10 feet from the ground				
Defensi	ble Space				
	> 100 ft. of vegetation treatment from structure(s)				
	71 to 100 ft. of vegetation treatment from structure(s)				
	30 to 70 ft. of vegetation treatment from structure(s)				
\rightarrow	< 30 ft. of vegetation treatment from structure(s)				
Re	Recommended Mitigation Strategies				
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space				
	Mow lawns regularly				
	Water grass, plants, trees and mulch regularly				
	Create a spacing of 30 feet between tree crowns				
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials				
	Remove dead vegetation from under the deck and within 10 feet of the house				
	Consider xeriscaping if you are affected by water restrictions				
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)				
	Create fuel breaks like driveways and gravel walkways				
	Remove smaller conifers that are growing between taller trees				
	Remove heavy accumulations of woody debris				
	Reduce the density of tall trees so canopies do not touch				
Structur	e-to-Structure Ignition				
\rightarrow	No Possible Structure-to-Structure Ignition				
	Possible Structure-to-Structure Ignition				
Re	Recommended Mitigation Strategies				
	N/A				





Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	→	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Topographical Features		
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	cy to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	Vind Exposure
		Not in an area with regular exposure to severe winds
	\rightarrow	Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies
		Maintain situational awareness of fire danger in your area, as local severe wind exposure can adversely affect

wildland behavior





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roof	oofing Materials			
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	ommended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles		
		Inspect for and address gaps in roofing that can expose roof decking or supports		
		Place angle flashing over openings between the roof decking and fascia board		
Debr	is or	n Roof		
	→	No		
		Yes		
	Rec	ommended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly		
		Prune tree limbs away from roof		
/ent	ilatio	on and Soffits		
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening		
		50-74% of homes have non-combustible ventilation soffits with mesh or screening		
		< 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
		Install a 1/8 inch metal screen behind roof vents		
idin	g			
	\rightarrow	> 75% of homes have non-combustible siding		
		50-74% of homes have non-combustible siding		
		< 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding		
		Increase defensible space from combustible siding		
		Replace with noncombustible siding when possible		





Und	Jnderskirting		
		> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
	\rightarrow	< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
	\rightarrow	< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutt	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ling	Setback	
		Not applicable	
	\rightarrow	Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	

□ Review suggested defensible space and vegetation management as pertains to building setback





Wind	dows	s
		Not known
		Multi-paned
	\rightarrow	Single-paned
	Rec	commended Mitigation Strategies
		Install double-paned or tempered-glass windows, if possible Use metal framing or aluminum coverings for wood or vinyl Use a fiberglass or metal screen Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas	Utilit	ties
	→	Underground/clearly marked or Not applicable Above ground/clearly marked with a 30 foot cleared perimeter Underground/not marked Above ground/not marked
	Rec	commended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities When possible, place propane tanks 20' away from home and structures
Elect	ric U	J tilities
	→	Underground/clearly marked Overhead with a 20 foot wide maintained right of way Underground/not marked Overhead with right of way not maintained
	Rec	commended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets Place non-flammable mulch (rock, stone) around base of electrical cabinets Plant less flammable bushes and shrubs around electrical cabinets

COMMENTS

Stiritz NW is a community that has a large amount of agriculture fields around the structures that pose a large risk for high winds.

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

138 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

High Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 49' 45" Longitude -88° 57' 19"

Dwelling Units 25

Size 479.69 acres

Residential Type Fixed

Assessed By: Kelsey Bowe
Assessment Date: 01-22-2025







Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingres	Ingress and Egress			
	\rightarrow	2 or more roads in and out		
		One road in and out (entrance and exit are the same)		
ı	Reco	ommended Mitigation Strategies		
		Keep community ingress/egress open and maintained (cleared of vegetation)		
		Develop community plan for evacuation routes, safe zones, staging areas		
		If community is gated, develop evacuation plan and ensure emergency responder access		
		Ensure residents know their closest exit in case of emergency		
Road \	Wid	th		
		Road width is > 24 feet		
		Road width is > 20 feet and < 24 feet		
-	→	Road width is < 20 feet		
F	Reco	ommended Mitigation Strategies		
I		Keep shoulders of road clear for emergency vehicle use whenever possible		
I		Consider providing pull-offs every 100 yards for emergency vehicle use		
[Coordinate with fire department to ensure they are aware of road width limitations		
I		Be aware that road width could limit emergency vehicles to brush trucks only		
Road A	Acc	essibility		
-	→	Surfaced road		
		Non-surfaced road, grade less than or equal to 5%		
		Non-surfaced road, grade greater than 5%		
		Non-maintained dirt road		
F	Reco	ommended Mitigation Strategies		
-		Ensure that road maintenance plan is in place		





Secondary Road Terminus	
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Road ends in a cul-de-sac, diameter > 100 feet

Road ends in a cul-de-sac, diameter < 100 feet

→ Dead end road <200 feet long

Dead end road >200 feet long

Recommended Mitigation Strategies

☐ Ensure emergency responder are aware of dead-end roads

Street Signs

→ Present, lettering 4 inches high, non-flammable and reflective

Present but wooden, non-reflective, or lettering less than 4"

Not present

Recommended Mitigation Strategies

□ Keep street signs visible and clear of vegetation and fine fuels

Driveways

→ Average driveway allows access to homes

Average driveway restricts access to homes

Recommended Mitigation Strategies

□ Maintain driveway access and clearance

Water Supply

→ Has pressurized hydrants

Dry Hydrant(s) / Draft available within the community

Other accessible sources within community (pond, lake, etc.)

Water sources located within 4 miles of community (incl heli dip sites)

No water sources in or within 4 miles of the community

Recommended Mitigation Strategies

- Ensure hydrants and water sources are marked, accessible and properly maintained
- □ Keep hydrants clear of obstructions and vegetation





		_		
			tur	

No notable hazardous features present to hinder fire suppression

→ Fire suppression hindered by hazardous features

Recommended Mitigation Strategies

- ☐ Be aware of local hazardous features and plan appropriately in the event of a wildfire approaching your area
- ☐ Ensure emergency responders are aware of local hazardous features that can hinder fire suppression efforts

Local Response Resources

→ 5 miles or less from fire department

More than 5 miles from fire department

Recommended Mitigation Strategies

□ N/A

Homeowners Association

HOA has organizational structure for sustained fire prevention and mitigation

→ HOA lacks organizational structure for sustained fire prevention and mitigation

Recommended Mitigation Strategies

□ Work with community to become more proactive towards protecting your life and property against wildfires

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

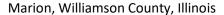
Predom	inant Vegetation
	Light
\rightarrow	Medium
	Heavy
	Extreme / Slash
Re	commended Mitigation Strategies
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation Trim tree capacities regularly to keep their branches a minimum of 10' from structures and other trees.
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees
	Prune trees 6'10 feet from the ground
	Fruite trees of 10 feet from the ground
Defensik	ple Space
	> 100 ft. of vegetation treatment from structure(s)
	71 to 100 ft. of vegetation treatment from structure(s)
	30 to 70 ft. of vegetation treatment from structure(s)
\rightarrow	< 30 ft. of vegetation treatment from structure(s)
Re	commended Mitigation Strategies
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space
	Mow lawns regularly
	Water grass, plants, trees and mulch regularly
	Create a spacing of 30 feet between tree crowns
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials
	Remove dead vegetation from under the deck and within 10 feet of the house
	Consider xeriscaping if you are affected by water restrictions
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)
	Create fuel breaks like driveways and gravel walkways
	Remove smaller conifers that are growing between taller trees
	Remove heavy accumulations of woody debris
	Reduce the density of tall trees so canopies do not touch
tructur	e-to-Structure Ignition
	No Possible Structure-to-Structure Ignition
\rightarrow	Possible Structure-to-Structure Ignition
Rei	commended Mitigation Strategies
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition
	risk
	Consider use of sprinkler systems to keep vegetation moisture levels up
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible





Slop	е	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	commended Mitigation Strategies
		N/A
Area	witl	h History of High Fire Occurrence
	→	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	commended Mitigation Strategies
		N/A
Topographical Features		
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	commended Mitigation Strategies
		N/A
Adja	cenc	cy to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	commended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	Vind Exposure
		Not in an area with regular exposure to severe winds
	\rightarrow	Regularly exposed to severe winds that adversely affect fire behavior
	Rec	commended Mitigation Strategies
		Maintain situational awareness of fire danger in your area, as local severe wind exposure can adversely affect

wildland behavior





Undeveloped Lots with Restricted Access and/or Not Maintained

Fewer than 10% of lots are undeveloped

→ 10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers / owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



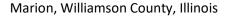
STRUCTURES ASSESSMENT

Roof	oofing Materials			
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	ommended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles		
		Inspect for and address gaps in roofing that can expose roof decking or supports		
		Place angle flashing over openings between the roof decking and fascia board		
Debr	is or	n Roof		
	\rightarrow	No		
		Yes		
	Rec	ommended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly		
		Prune tree limbs away from roof		
/ent	ilatio	on and Soffits		
		> 75% of homes have non-combustible ventilation soffits with mesh or screening		
		50-74% of homes have non-combustible ventilation soffits with mesh or screening		
	\rightarrow	< 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
		Install a 1/8 inch metal screen behind roof vents		
idin	g			
	\rightarrow	> 75% of homes have non-combustible siding		
		50-74% of homes have non-combustible siding		
		< 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding		
		Increase defensible space from combustible siding		
		Replace with noncombustible siding when possible		





Unders	Underskirting		
		> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
\rightarrow	>	< 50% of homes have skirting underneath	
R	eco	ommended Mitigation Strategies	
]	Remove combustible vegetation and leaf litter	
]	Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
]	Separate wooden fences from the house with a stone or metal barrier	
Woode	en A	Attachments	
		> 75% of homes have NO Wooden Attachments	
		50-74% of homes have NO Wooden Attachments	
-)	>	< 50% of homes have NO Wooden Attachments	
R	eco	ommended Mitigation Strategies	
]	Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
]	Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
]	Be aware that wooden attachments can act as a fuse to the structure	
Gutters	s		
\rightarrow	>	Noncombustible	
		Combustible with leaf litter present	
R	eco	ommended Mitigation Strategies	
]	Keep gutters clear of fine fuels and debris	
Buildin	g S	Setback	
\rightarrow	>	Not applicable	
		Greater than or equal to 30 feet from slope	
		Less than 30 feet from slope	
R	eco	ommended Mitigation Strategies	
]	N/A	





Wind	dows	S .
	→	Not known Multi-paned Single-paned
	Rec	commended Mitigation Strategies
		Install double-paned or tempered-glass windows, if possible Use metal framing or aluminum coverings for wood or vinyl Use a fiberglass or metal screen Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas	Utilit	ties
	→	Underground/clearly marked or Not applicable Above ground/clearly marked with a 30 foot cleared perimeter Underground/not marked Above ground/not marked
	Rec	commended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities When possible, place propane tanks 20' away from home and structures
Elect	tric U	Jtilities
	→	Underground/clearly marked Overhead with a 20 foot wide maintained right of way Underground/not marked Overhead with right of way not maintained
	Rec	commended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets Place non-flammable mulch (rock, stone) around base of electrical cabinets Plant less flammable bushes and shrubs around electrical cabinets

COMMENTS

Stiritz SW is a community that has a lot of agriculture fields surrounding the areas structures that creates potential for high wind hazards. Along with that most of the properties in the community have several areas of dense unmaintained natural vegitation.

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

99 - Moderate

Suppression Rating

Low Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 37' 5" Longitude -88° 42' 47"

Dwelling Units 72

Size 278.06 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-31-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingre	ess a	nd Egress
	→	2 or more roads in and out One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency
Roac	l Wic	dth
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet
	Rec	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards
Road	l Acc	essibility
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place

Marion, Williamson County, Illinois



Seco	Secondary Road Terminus		
		Road ends in a cul-de-sac, diameter > 100 feet	
	\rightarrow	Road ends in a cul-de-sac, diameter < 100 feet	
		Dead end road <200 feet long	
		Dead end road >200 feet long	
	Rec	ommended Mitigation Strategies	
		Maintain unobstructed access into cul-de-sacs	
		Ensure cul-de-sacs are free of vehicles and/or other items	
		Coordinate with emergency responders to test cul-de-sac turnaround with their emergency response vehicles	
Stre	et Sig	gns	
	\rightarrow	Present, lettering 4 inches high, non-flammable and reflective	
		Present but wooden, non-reflective, or lettering less than 4"	
		Not present	
	Rec	ommended Mitigation Strategies	
		Keep street signs visible and clear of vegetation and fine fuels	
Drive	eway	/s	
	\rightarrow	Average driveway allows access to homes	
		Average driveway restricts access to homes	
	Rec	ommended Mitigation Strategies	
		Maintain driveway access and clearance	
Wat	er Su	pply	
	→	Has pressurized hydrants	
		Dry Hydrant(s) / Draft available within the community	
		Other accessible sources within community (pond, lake, etc.)	
		Water sources located within 4 miles of community (incl heli dip sites)	
		No water sources in or within 4 miles of the community	
	Rec	ommended Mitigation Strategies	

Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Haza	azardous Features		
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features	
	Rec	commended Mitigation Strategies	
		N/A	
Loca	l Res	sponse Resources	
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department	
	Rec	commended Mitigation Strategies	
		N/A	
Hom	neow	ners Association	
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	commended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

Predon	Predominant Vegetation			
\rightarrow	Light			
	Medium			
	Heavy			
	Extreme / Slash			
R	ecommended Mitigation Strategies			
	Use brick or stone along the edge of an island to slow the flame spread			
Defens	ible Space			
Defens	•			
	> 100 ft. of vegetation treatment from structure(s)			
	71 to 100 ft. of vegetation treatment from structure(s)			
	30 to 70 ft. of vegetation treatment from structure(s)			
→	< 30 ft. of vegetation treatment from structure(s)			
R	ecommended Mitigation Strategies			
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space			
	Mow lawns regularly			
	Water grass, plants, trees and mulch regularly			
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	,			
	· · · · · · · · · · · · · · · · · · ·			
Structu	re-to-Structure Ignition			
	No Possible Structure-to-Structure Ignition			
\rightarrow	Possible Structure-to-Structure Ignition			
Re	ecommended Mitigation Strategies			
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition risk			
	Consider use of sprinkler systems to keep vegetation moisture levels up			
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible			

□ N/A





Slope	9	
	\rightarrow	Slope 0% - 5%
		Slope 6 % - 10%
		Slope 11% - 30%
		Slope > 30%
	Rec	ommended Mitigation Strategies
		N/A
Area	with	n History of High Fire Occurrence
	\rightarrow	No recent History of High Fire Occurrence
		Area with History of High Fire Occurrence
	Rec	ommended Mitigation Strategies
		N/A
Торс	grap	phical Features
	\rightarrow	No topographical features that adversely affect wildland fire behavior
		Topographical features that adversely affect wildland fire behavior
	Rec	ommended Mitigation Strategies
		N/A
Adja	cenc	y to Wildlands
		Not adjacent to wildlands with accumulated fuels and no program for fuel management
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
	Rec	ommended Mitigation Strategies
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Seve	re W	/ind Exposure
	→	Not in an area with regular exposure to severe winds
		Regularly exposed to severe winds that adversely affect fire behavior
	Rec	ommended Mitigation Strategies

Marion, Williamson County, Illinois



Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



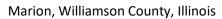
STRUCTURES ASSESSMENT

Roofing Materials			
\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
	50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
	< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
Re	commended Mitigation Strategies		
	Use fire-resistant roofing material such as metal, tile or Class A shingles		
	Inspect for and address gaps in roofing that can expose roof decking or supports		
	Place angle flashing over openings between the roof decking and fascia board		
Debris o	on Roof		
	No		
\rightarrow	Yes		
Re	commended Mitigation Strategies		
	Clear branch, leaf-litter and other debris from roof regularly		
	Prune tree limbs away from roof		
/entilat	ion and Soffits		
\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening		
	50-74% of homes have non-combustible ventilation soffits with mesh or screening		
	< 50% of homes have non-combustible ventilation soffits with mesh or screening		
Re	commended Mitigation Strategies		
	Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
	Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
	Install a 1/8 inch metal screen behind roof vents		
iding			
	> 75% of homes have non-combustible siding		
\rightarrow	50-74% of homes have non-combustible siding		
	< 50% of homes have non-combustible siding		
Re	commended Mitigation Strategies		
	Keep landscaping materials and vegetation away from combustible siding		
	Increase defensible space from combustible siding		
	Replace with noncombustible siding when possible		





Unde	Underskirting Control of the Control		
	\rightarrow	> 75% of homes have skirting underneath raised floors/decks	
		50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	ommended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	den	Attachments	
		> 75% of homes have NO Wooden Attachments	
	\rightarrow	50-74% of homes have NO Wooden Attachments	
		< 50% of homes have NO Wooden Attachments	
	Rec	ommended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutte	ers		
	\rightarrow	Noncombustible	
		Combustible with leaf litter present	
	Rec	ommended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ing S	Setback	
		Not applicable	
		Greater than or equal to 30 feet from slope	
	\rightarrow	Less than 30 feet from slope	
	Rec	ommended Mitigation Strategies	
		Review suggested defensible space and vegetation management as pertains to building setback	





	_	
Windows		
-	>	Not known
		Multi-paned
		Single-paned
R	leci	ommended Mitigation Strategies
С		Use metal framing or aluminum coverings for wood or vinyl
	_	Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	ilit	ies
-		Underground/clearly marked or Not applicable
•	,	
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
R	lecc	ommended Mitigation Strategies
]	Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electric	c U	tilities
		Underground/clearly marked
-;	>	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
R	leci	ommended Mitigation Strategies
С		Keep vegetation pruned and mowed around electric cabinets
	_	Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COMIV	4EN	UTC
COMIN	IEI	NIS

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

105 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 50' 26" Longitude -88° 55' 49"

Dwelling Units 30

Size 13.59 acres Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingr	ess a	nd Egress
		2 or more roads in and out
	\rightarrow	One road in and out (entrance and exit are the same)
	Rec	commended Mitigation Strategies
		Keep community ingress/egress open and maintained (cleared of vegetation) Develop community plan for evacuation routes, safe zones, staging areas If community is gated, develop evacuation plan and ensure emergency responder access Ensure residents know their closest exit in case of emergency Evaluate adding a secondary ingress / egress route for use in emergencies
Road	d Wid	dth
	→	Road width is > 24 feet Road width is > 20 feet and < 24 feet Road width is < 20 feet
	Rec	ommended Mitigation Strategies
		Keep shoulders of road clear for emergency vehicle use whenever possible Consider providing pull-offs every 100 yards
Road	d Acc	essibility
	→	Surfaced road Non-surfaced road, grade less than or equal to 5% Non-surfaced road, grade greater than 5% Non-maintained dirt road
	Rec	ommended Mitigation Strategies
		Ensure that road maintenance plan is in place





Seco	ndaı	ry Road Terminus
	\rightarrow	Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
		Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Maintain unobstructed access into cul-de-sacs
		Ensure cul-de-sacs are free of vehicles and/or other items
Stre	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	/s
	→	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wat	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies

Ensure hydrants and water sources are marked, accessible and properly maintained

Keep hydrants clear of obstructions and vegetation





Haza	rdou	is Features
	→	No notable hazardous features present to hinder fire suppression Fire suppression hindered by hazardous features
	Rec	ommended Mitigation Strategies
		N/A
Loca	Res	ponse Resources
	\rightarrow	5 miles or less from fire department More than 5 miles from fire department
	Rec	ommended Mitigation Strategies
		N/A
Hom	eow	ners Association
	→	HOA has organizational structure for sustained fire prevention and mitigation HOA lacks organizational structure for sustained fire prevention and mitigation
	Rec	ommended Mitigation Strategies

Work with community to become more proactive towards protecting your life and property against wildfires

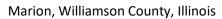
Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

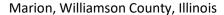
Predom	Predominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Re	commended Mitigation Strategies		
	Consider removal of ladder fuels that allow fire to climb from lower to higher vegetation		
	Trim tree canopies regularly to keep their branches a minimum of 10' from structures and other trees		
	Leave 30 feet between clusters of two to three trees, or 20 feet between individual trees		
	Prune trees 6'10 feet from the ground		
Defensil	ple Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow	< 30 ft. of vegetation treatment from structure(s)		
Re	commended Mitigation Strategies		
	Be aware of the risks from falling embers in relation to nearby fuels and defensible space		
	Mow lawns regularly		
	Water grass, plants, trees and mulch regularly		
	Create a spacing of 30 feet between tree crowns		
	Create a 'fire-free' area within 5 feet of your home, using non-flammable landscaping materials		
	Remove dead vegetation from under the deck and within 10 feet of the house		
	Consider xeriscaping if you are affected by water restrictions		
	Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)		
	Create fuel breaks like driveways and gravel walkways		
	Remove smaller conifers that are growing between taller trees		
	Remove heavy accumulations of woody debris		
	Reduce the density of tall trees so canopies do not touch		
tructur	e-to-Structure Ignition		
\rightarrow	No Possible Structure-to-Structure Ignition		
	Possible Structure-to-Structure Ignition		
Re	commended Mitigation Strategies		
	N/A		

□ N/A





Slope	
\rightarrow	Slope 0% - 5%
	Slope 6 % - 10%
	Slope 11% - 30%
	Slope > 30%
Rei	commended Mitigation Strategies
	N/A
Area wit	th History of High Fire Occurrence
→	No recent History of High Fire Occurrence
	Area with History of High Fire Occurrence
Rei	commended Mitigation Strategies
	N/A
Topogra	phical Features
→	No topographical features that adversely affect wildland fire behavior
	Topographical features that adversely affect wildland fire behavior
Re	commended Mitigation Strategies
	N/A
Adjacen	cy to Wildlands
	Not adjacent to wildlands with accumulated fuels and no program for fuel management
\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management
Re	commended Mitigation Strategies
	When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands
Severe V	Vind Exposure
→	Not in an area with regular exposure to severe winds
	Regularly exposed to severe winds that adversely affect fire behavior
Re	commended Mitigation Strategies





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roofing Materials				
\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
	50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles			
	< 50% of homes have metal, tile or class A asphalt or fiberglass shingles			
Red	commended Mitigation Strategies			
	Use fire-resistant roofing material such as metal, tile or Class A shingles			
	Inspect for and address gaps in roofing that can expose roof decking or supports			
	Place angle flashing over openings between the roof decking and fascia board			
Debris o	n Roof			
	No			
\rightarrow	Yes			
Red	commended Mitigation Strategies			
	Clear branch, leaf-litter and other debris from roof regularly			
	Prune tree limbs away from roof			
/entilati	on and Soffits			
\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening			
	50-74% of homes have non-combustible ventilation soffits with mesh or screening			
	< 50% of homes have non-combustible ventilation soffits with mesh or screening			
Red	commended Mitigation Strategies			
	Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation			
	Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco			
	Install a 1/8 inch metal screen behind roof vents			
iding				
\rightarrow	> 75% of homes have non-combustible siding			
	50-74% of homes have non-combustible siding			
	< 50% of homes have non-combustible siding			
Red	commended Mitigation Strategies			
	Keep landscaping materials and vegetation away from combustible siding			
	Increase defensible space from combustible siding			
	Replace with noncombustible siding when possible			





Unde	erski	rting
		> 75% of homes have skirting underneath raised floors/decks
	\rightarrow	50-74% of homes have skirting underneath
		< 50% of homes have skirting underneath
	Rec	commended Mitigation Strategies
		Remove combustible vegetation and leaf litter
		Spread gravel or other non-combustible material under the deck
		Screen in the bottom of the deck with metal 1/8-inch screening
		Separate wooden fences from the house with a stone or metal barrier
Woo	den	Attachments
		> 75% of homes have NO Wooden Attachments
	\rightarrow	50-74% of homes have NO Wooden Attachments
		< 50% of homes have NO Wooden Attachments
	Rec	commended Mitigation Strategies
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials
		Be aware that wooden attachments can act as a fuse to the structure
Gutt	ers	
	→	Noncombustible
		Combustible with leaf litter present
	Rec	commended Mitigation Strategies
		Keep gutters clear of fine fuels and debris
Build	ling	Setback
		Not applicable
		Greater than or equal to 30 feet from slope
	\rightarrow	Less than 30 feet from slope
	Poo	commanded Mitigation Stratagies

Review suggested defensible space and vegetation management as pertains to building setback





Windows		
_	>	Not known
		Multi-paned
		Single-paned
R	Reco	ommended Mitigation Strategies
[Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas Ut	ilit	ies
-	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
R	Reco	ommended Mitigation Strategies
[Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Electric	c U	tilities
		Underground/clearly marked
<u> </u>	>	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
R	Reco	ommended Mitigation Strategies
С		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
60.40	a.c.b	
COMN	IEN	

Marion, Williamson County, Illinois



Community Wildfire Risk Assessment

Total Assessed Rating

112 - High

Suppression Rating

Moderate Hazard

Surrounding Environment Rating

High Hazard

Structures Rating

Moderate Hazard

Fire Protection District

Williamson County Fire Protection District

Community Information

Latitude 37° 47' 2" Longitude -88° 55' 40"

Dwelling Units 100

Size 1,247.59 acres

Residential Type Fixed

Assessed By: Kelsey Bowe Assessment Date: 01-22-2025









Marion, Williamson County, Illinois



SUPPRESSION ASSESSMENT

Ingres	Ingress and Egress		
	\rightarrow	2 or more roads in and out	
		One road in and out (entrance and exit are the same)	
ı	Reco	ommended Mitigation Strategies	
		Keep community ingress/egress open and maintained (cleared of vegetation)	
		Develop community plan for evacuation routes, safe zones, staging areas	
		If community is gated, develop evacuation plan and ensure emergency responder access	
		Ensure residents know their closest exit in case of emergency	
Road \	Wid	th	
		Road width is > 24 feet	
		Road width is > 20 feet and < 24 feet	
-	→	Road width is < 20 feet	
F	Reco	ommended Mitigation Strategies	
I		Keep shoulders of road clear for emergency vehicle use whenever possible	
I		Consider providing pull-offs every 100 yards for emergency vehicle use	
[Coordinate with fire department to ensure they are aware of road width limitations	
I		Be aware that road width could limit emergency vehicles to brush trucks only	
Road A	Acc	essibility	
-	→	Surfaced road	
		Non-surfaced road, grade less than or equal to 5%	
		Non-surfaced road, grade greater than 5%	
		Non-maintained dirt road	
F	Reco	ommended Mitigation Strategies	
-		Ensure that road maintenance plan is in place	





Seco	ndar	ry Road Terminus
		Road ends in a cul-de-sac, diameter > 100 feet
		Road ends in a cul-de-sac, diameter < 100 feet
		Dead end road <200 feet long
	\rightarrow	Dead end road >200 feet long
	Rec	commended Mitigation Strategies
		Ensure emergency responders are aware of dead-end roads
		If dead-end roads are narrow, restrict access during an emergency
Stree	et Sig	gns
	→	Present, lettering 4 inches high, non-flammable and reflective
		Present but wooden, non-reflective, or lettering less than 4"
		Not present
	Rec	commended Mitigation Strategies
		Keep street signs visible and clear of vegetation and fine fuels
Drive	eway	ys
	\rightarrow	Average driveway allows access to homes
		Average driveway restricts access to homes
	Rec	commended Mitigation Strategies
		Maintain driveway access and clearance
Wate	er Su	ipply
	\rightarrow	Has pressurized hydrants
		Dry Hydrant(s) / Draft available within the community
		Other accessible sources within community (pond, lake, etc.)
		Water sources located within 4 miles of community (incl heli dip sites)
		No water sources in or within 4 miles of the community
	Rec	commended Mitigation Strategies
		Ensure hydrants and water sources are marked, accessible and properly maintained

□ Keep hydrants clear of obstructions and vegetation

Marion, Williamson County, Illinois



Haza	Hazardous Features		
	\rightarrow	No notable hazardous features present to hinder fire suppression	
		Fire suppression hindered by hazardous features	
	Rec	commended Mitigation Strategies	
		N/A	
Loca	l Res	sponse Resources	
	\rightarrow	5 miles or less from fire department	
		More than 5 miles from fire department	
	Rec	commended Mitigation Strategies	
		N/A	
Hon	neow	ners Association	
		HOA has organizational structure for sustained fire prevention and mitigation	
	\rightarrow	HOA lacks organizational structure for sustained fire prevention and mitigation	
	Rec	commended Mitigation Strategies	
		Work with community to become more proactive towards protecting your life and property against wildfires	

Marion, Williamson County, Illinois



SURROUNDING ENVIRONMENT ASSESSMENT

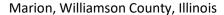
Predom	redominant Vegetation		
	Light		
\rightarrow	Medium		
	Heavy		
	Extreme / Slash		
Re	ecommended Mitigation Strategies		
	Fruite trees of 10 reet from the ground		
Defensi	ible Space		
	> 100 ft. of vegetation treatment from structure(s)		
	71 to 100 ft. of vegetation treatment from structure(s)		
	30 to 70 ft. of vegetation treatment from structure(s)		
\rightarrow			
Re	ecommended Mitigation Strategies		
	-		
	, , , , , , , , , , , , , , , , , , ,		
	0 ,		
Structu	re-to-Structure Ignition		
ili uota.			
	No Possible Structure-to-Structure Ignition		
→	Possible Structure-to-Structure Ignition		
Re	ecommended Mitigation Strategies		
	Work with neighbors to remove/prune vegetation between houses to mitigate structure-to-structure ignition		
	risk		
	Replace flammable roofs, siding, soffits, etc. with nonflammable when possible		

□ N/A





Slope	Slone		
	→	Slope 0% - 5%	
		Slope 6 % - 10%	
		Slope 11% - 30%	
		Slope > 30%	
	D	·	
	Kec	ommended Mitigation Strategies	
		N/A	
Area	with	History of High Fire Occurrence	
	\rightarrow	No recent History of High Fire Occurrence	
		Area with History of High Fire Occurrence	
	Rec	ommended Mitigation Strategies	
		N/A	
Торо	grap	phical Features	
	\rightarrow	No topographical features that adversely affect wildland fire behavior	
		Topographical features that adversely affect wildland fire behavior	
	Rec	ommended Mitigation Strategies	
		N/A	
Adja	cenc	y to Wildlands	
		Not adjacent to wildlands with accumulated fuels and no program for fuel management	
	\rightarrow	Adjacent to wildlands with accumulated fuels and no program for fuel management	
	Rec	ommended Mitigation Strategies	
		When possible, install firebreaks and reduce fuel loads around community boundary to reduce risk from adjacent wildlands	
Seve	re W	/ind Exposure	
	→	Not in an area with regular exposure to severe winds	
		Regularly exposed to severe winds that adversely affect fire behavior	
	Rec	ommended Mitigation Strategies	





Undeveloped Lots with Restricted Access and/or Not Maintained

→ Fewer than 10% of lots are undeveloped

10% to 50% of lots are undeveloped

51% to 75% of lots are undeveloped

Greater than 75% of lots are undeveloped

Recommended Mitigation Strategies

- □ Provide FIREWISE construction guidelines to developers /owners
- □ Consider developing covenant restrictions, if applicable

Marion, Williamson County, Illinois



STRUCTURES ASSESSMENT

Roo	Roofing Materials			
	\rightarrow	> 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles		
		< 50% of homes have metal, tile or class A asphalt or fiberglass shingles		
	Rec	commended Mitigation Strategies		
		Use fire-resistant roofing material such as metal, tile or Class A shingles		
		Inspect for and address gaps in roofing that can expose roof decking or supports		
		Place angle flashing over openings between the roof decking and fascia board		
Deb	ris oı	n Roof		
		No		
	\rightarrow	Yes		
	Rec	commended Mitigation Strategies		
		Clear branch, leaf-litter and other debris from roof regularly		
		Prune tree limbs away from roof		
Vent	ilatio	on and Soffits		
	\rightarrow	> 75% of homes have non-combustible ventilation soffits with mesh or screening		
		50-74% of homes have non-combustible ventilation soffits with mesh or screening		
		< 50% of homes have non-combustible ventilation soffits with mesh or screening		
	Rec	ommended Mitigation Strategies		
		Clean vents to keep them free of debris, allowing them to keep embers out while allowing air flow for ventilation		
		Enclose or box-in eaves with non-combustible materials such as metal, cement board or stucco		
		Install a 1/8 inch metal screen behind roof vents		
Sidir	ıg			
	→	> 75% of homes have non-combustible siding		
		50-74% of homes have non-combustible siding		
		< 50% of homes have non-combustible siding		
	Rec	ommended Mitigation Strategies		
		Keep landscaping materials and vegetation away from combustible siding		
		Increase defensible space from combustible siding		
		Replace with noncombustible siding when possible		

Marion, Williamson County, Illinois



Und	Inderskirting Control of the Control		
		> 75% of homes have skirting underneath raised floors/decks	
	\rightarrow	50-74% of homes have skirting underneath	
		< 50% of homes have skirting underneath	
	Rec	commended Mitigation Strategies	
		Remove combustible vegetation and leaf litter	
		Spread gravel or other non-combustible material under the deck	
		Screen in the bottom of the deck with metal 1/8-inch screening	
		Separate wooden fences from the house with a stone or metal barrier	
Woo	oden	Attachments	
		> 75% of homes have NO Wooden Attachments	
	\rightarrow	50-74% of homes have NO Wooden Attachments	
		< 50% of homes have NO Wooden Attachments	
	Rec	commended Mitigation Strategies	
		Maintain debris-free decks (e.g. remove ignitable furniture, planters and covering propane grills, especially during high fire danger periods)	
		Consider disconnecting fences from structures, or replacing materials directly attached to structures with fire resistant materials	
		Be aware that wooden attachments can act as a fuse to the structure	
Gutt	ers		
	→	Noncombustible	
		Combustible with leaf litter present	
	Rec	commended Mitigation Strategies	
		Keep gutters clear of fine fuels and debris	
Build	ding :	Setback	
		Not applicable	
		Greater than or equal to 30 feet from slope	
	\rightarrow	Less than 30 feet from slope	
	Rec	commended Mitigation Strategies	

Review suggested defensible space and vegetation management as pertains to building setback





Windows		
		Not known
		Multi-paned
	\rightarrow	Single-paned
	Rec	ommended Mitigation Strategies
		Install double-paned or tempered-glass windows, if possible
		Use metal framing or aluminum coverings for wood or vinyl
		Use a fiberglass or metal screen
		Use drapes and shutters that are fire resistant to help reduce the likelihood of fire spread
Gas l	Jtilit	ies
	→	Underground/clearly marked or Not applicable
		Above ground/clearly marked with a 30 foot cleared perimeter
		Underground/not marked
		Above ground/not marked
	Rec	ommended Mitigation Strategies
		Keep vegetation pruned to a minimal level near gas utilities
		When possible, place propane tanks 20' away from home and structures
Elect	ric U	Itilities
		Underground/clearly marked
	\rightarrow	Overhead with a 20 foot wide maintained right of way
		Underground/not marked
		Overhead with right of way not maintained
	Rec	ommended Mitigation Strategies
		Keep vegetation pruned and mowed around electric cabinets
		Place non-flammable mulch (rock, stone) around base of electrical cabinets
		Plant less flammable bushes and shrubs around electrical cabinets
COM	IMEI	NTS