# Sioux Falls Fire Rescue

## 2015

## Standards of Response Coverage Manual

## Appendix SouthEast

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10A

Fire

Rescue

HazMat

EMS

SUB Substation

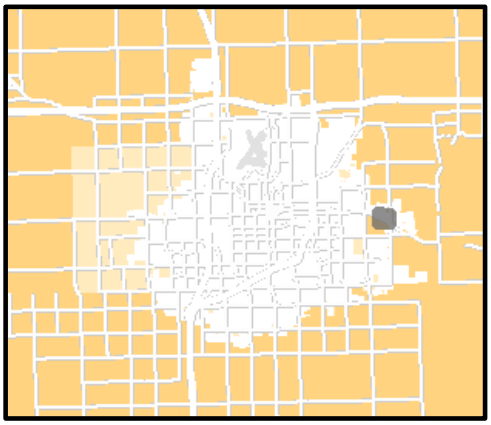
Transmission Line

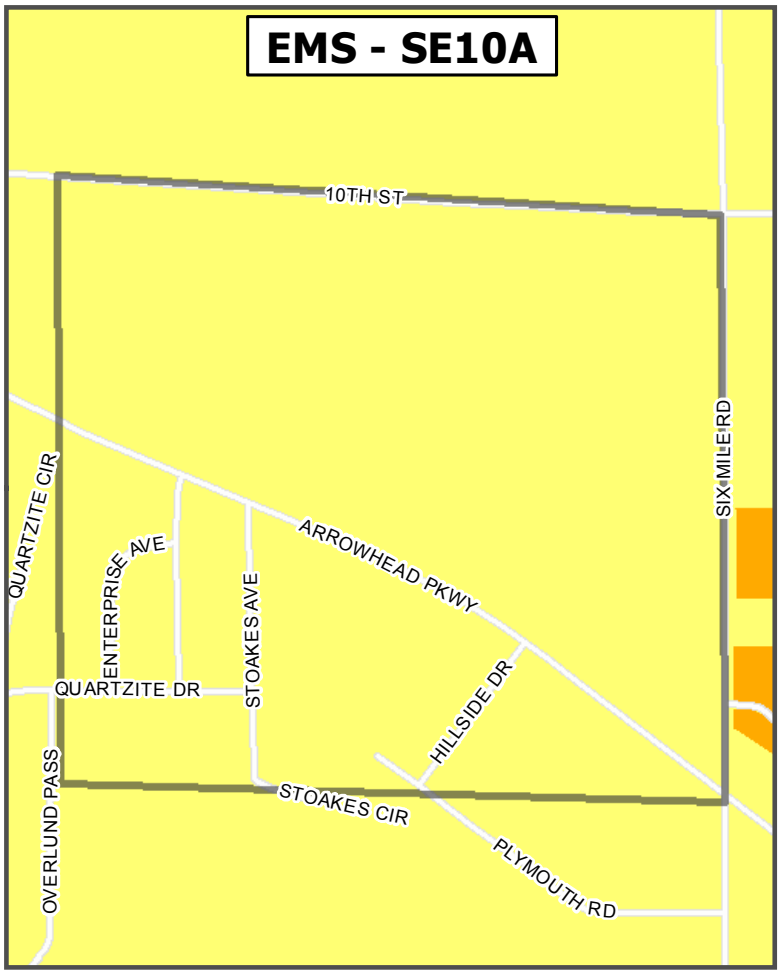
Major Gas Line

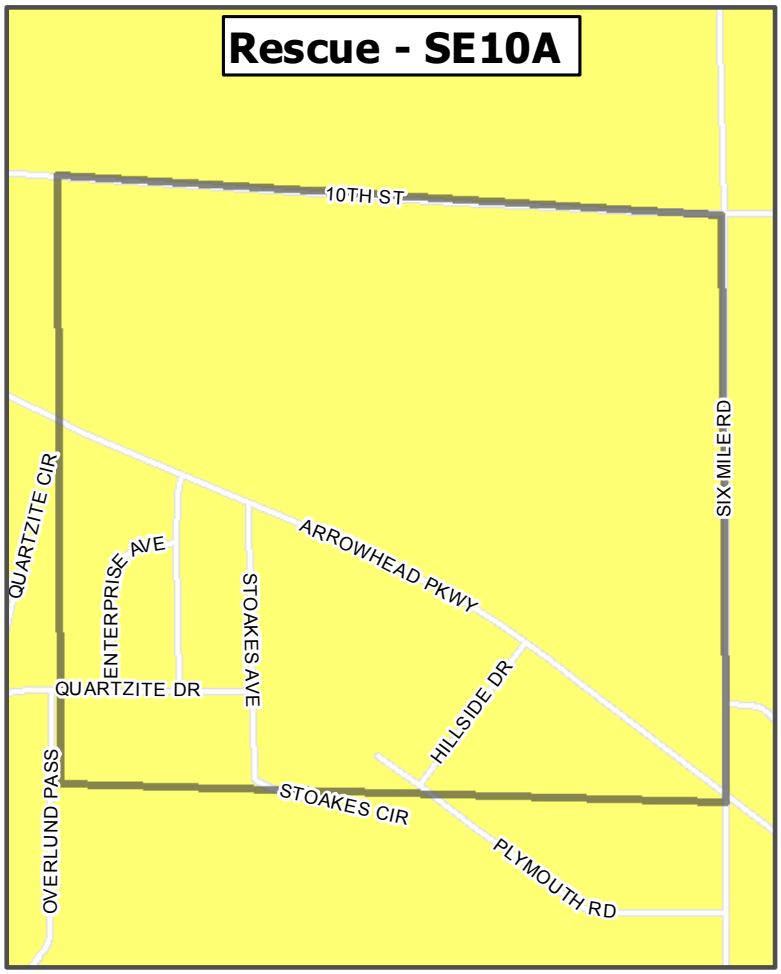
Floodplain

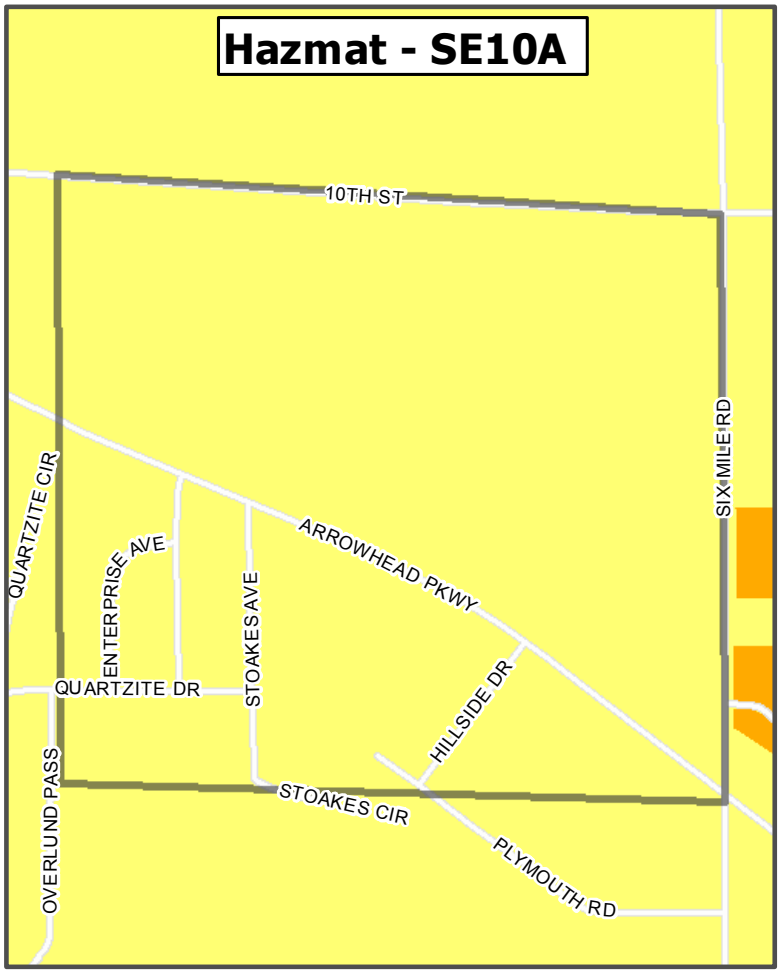
0.2 percent Annual Chance

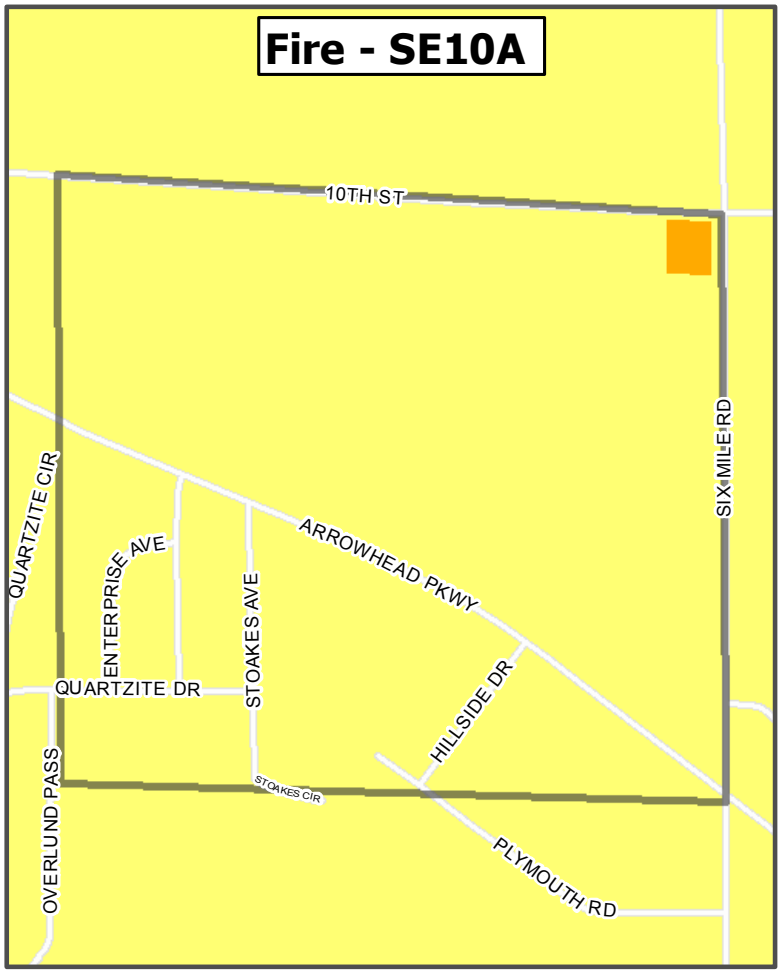
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 806 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10B

Fire

Rescue

HazMat

EMS

SUB Substation

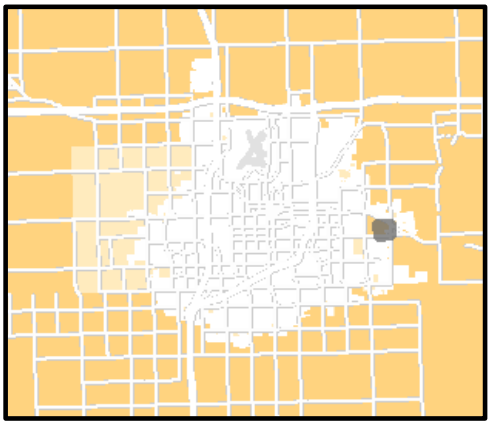
Transmission Line

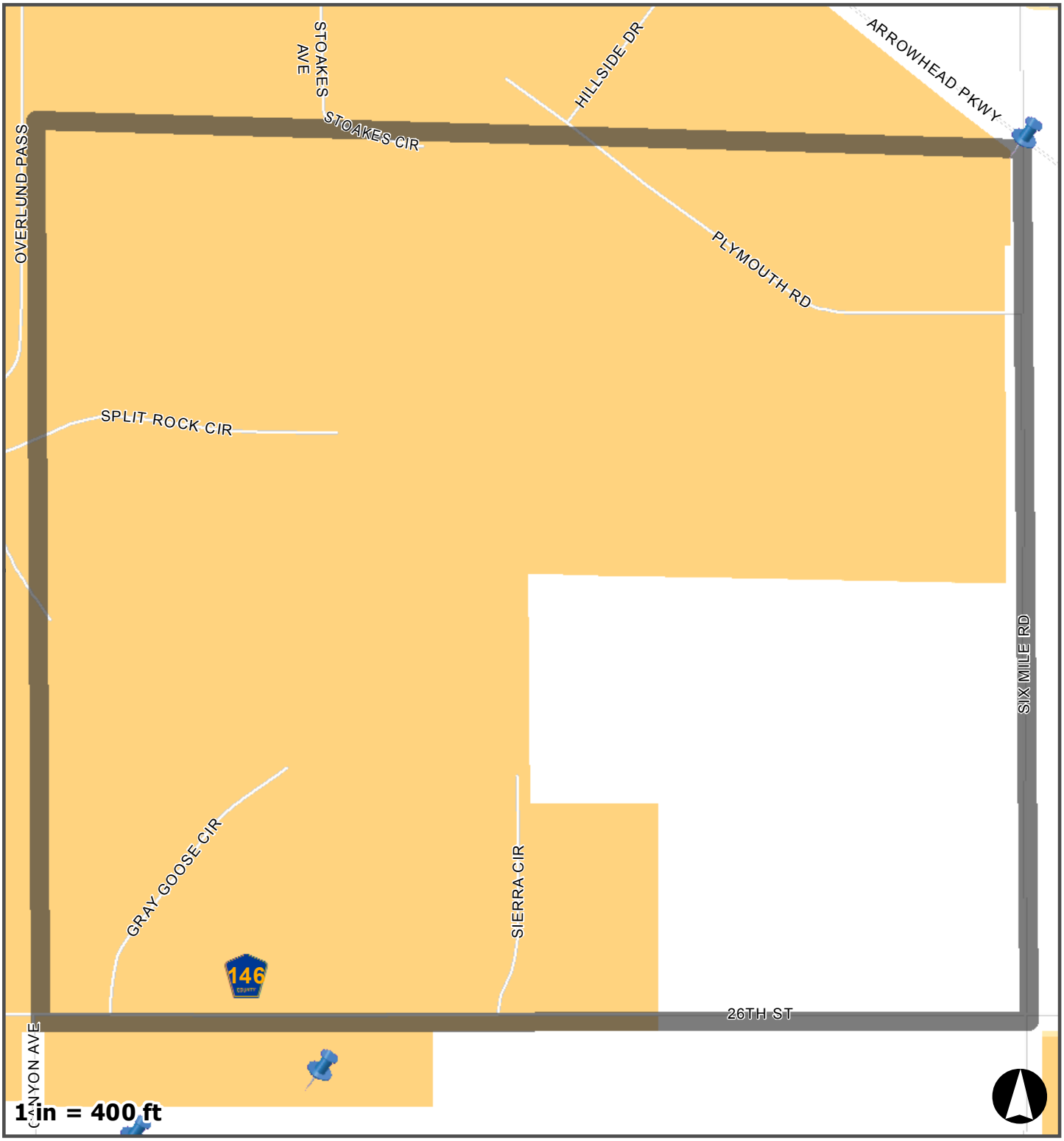
Major Gas Line

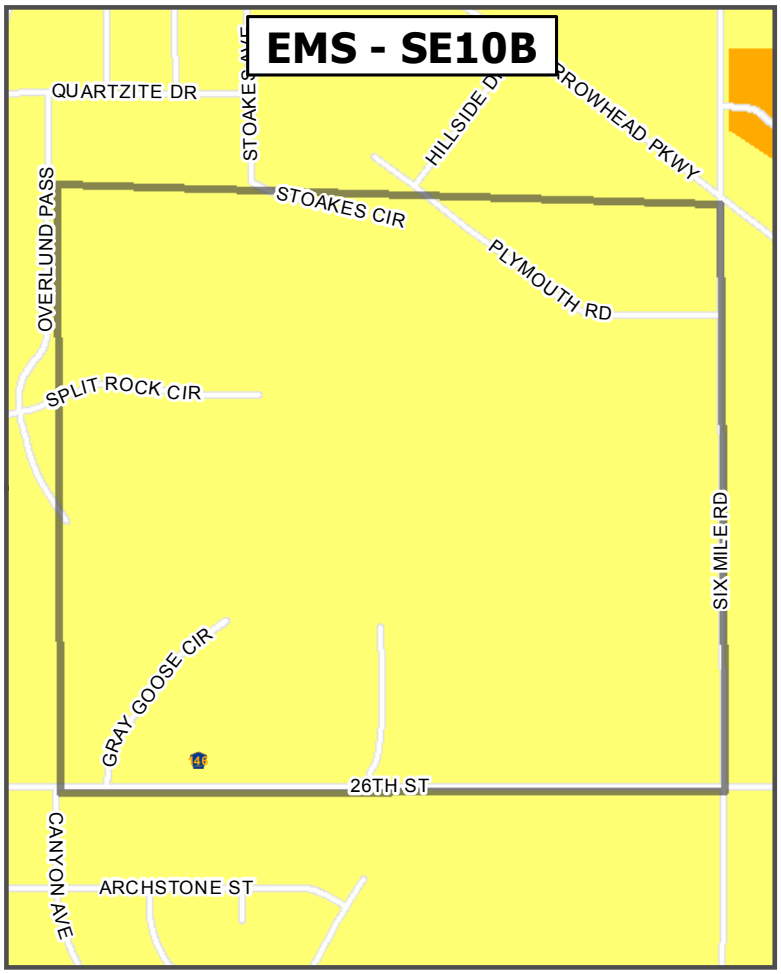
Floodplain

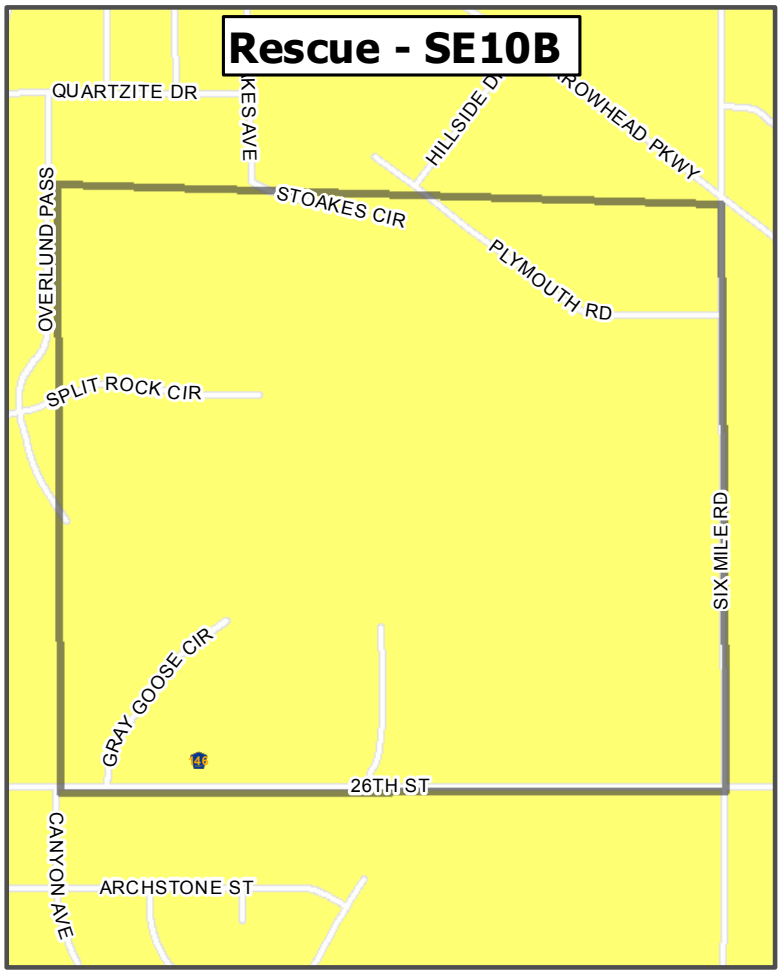
0.2 percent Annual Chance

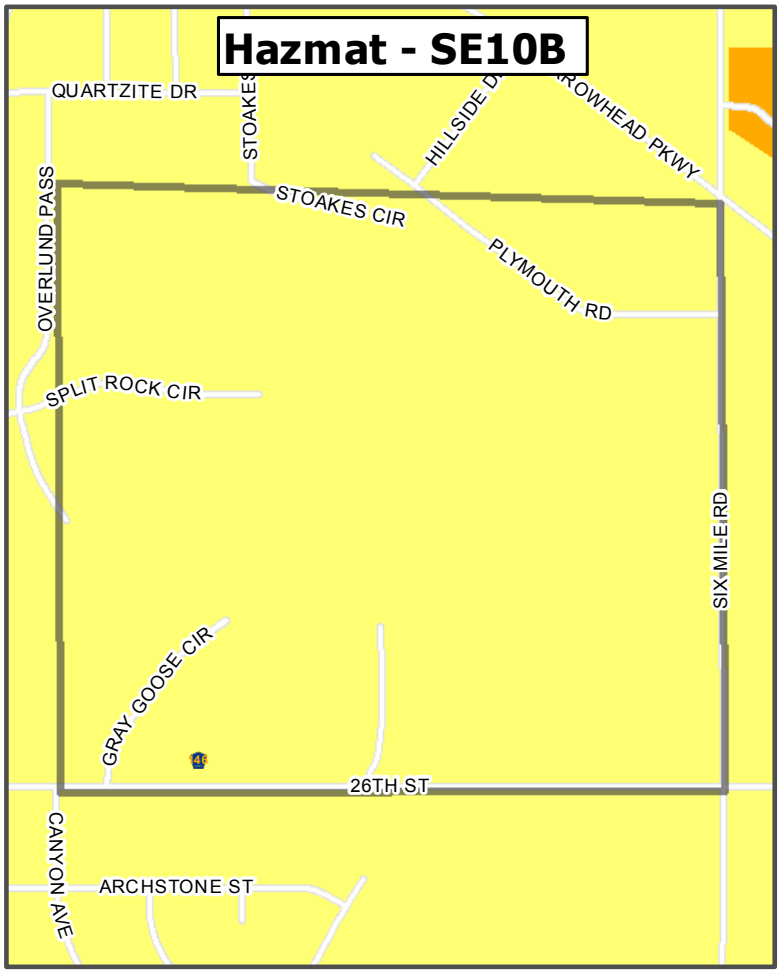
1 percent Annual Chance

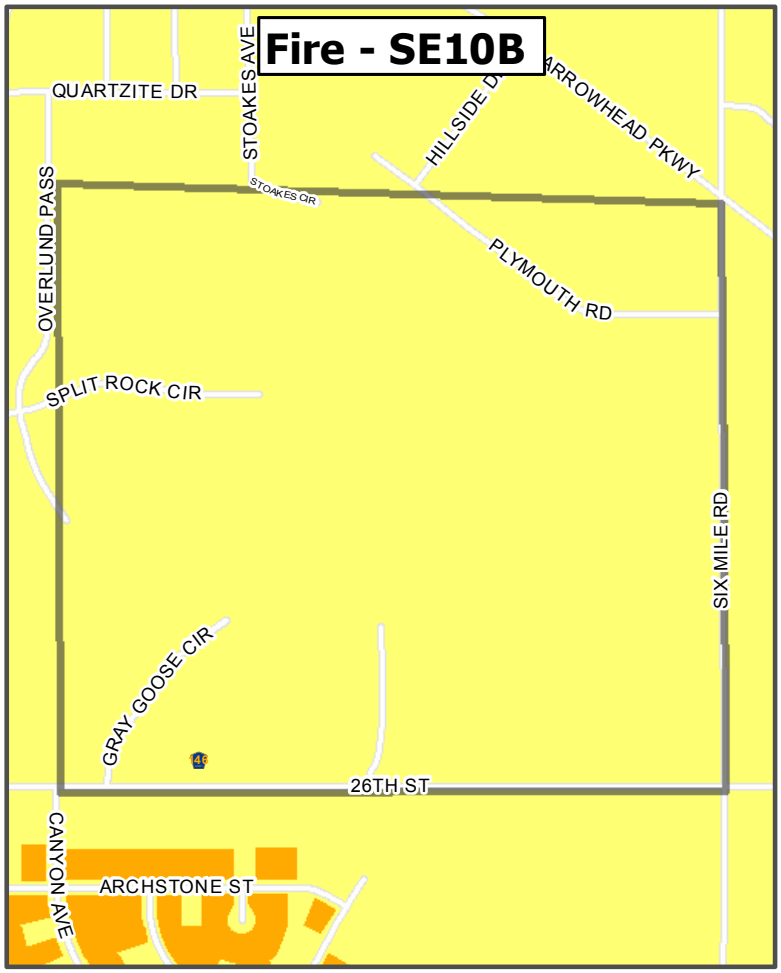







Low | Moderate | High | Special

1 inch = 807 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10C

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 3 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10C

Fire

Rescue

HazMat

EMS

SUB Substation

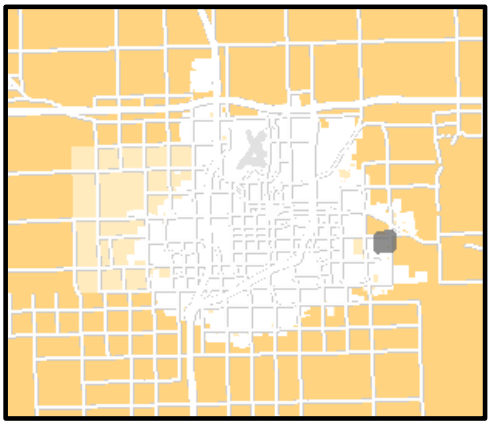
Transmission Line

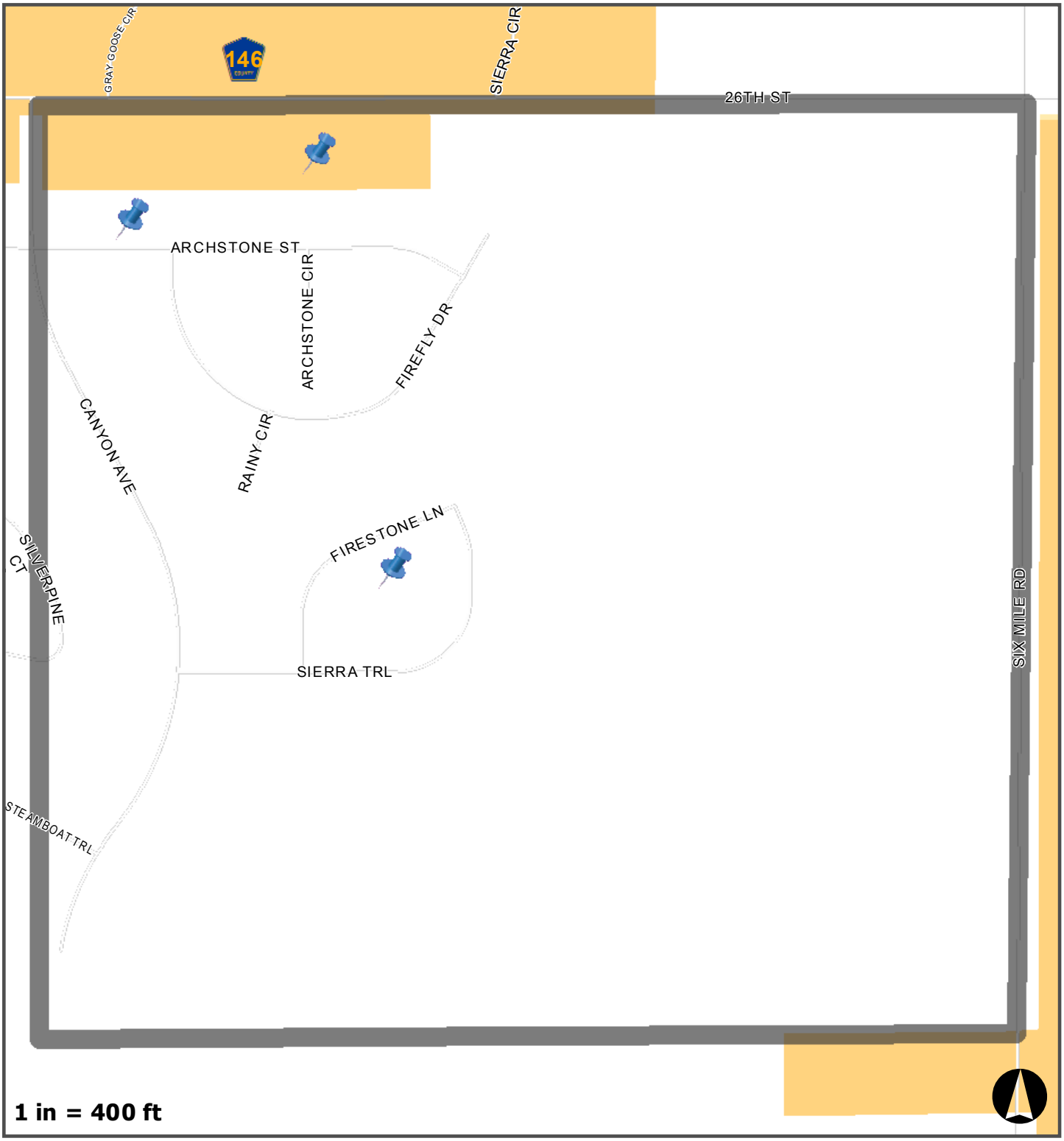
Major Gas Line

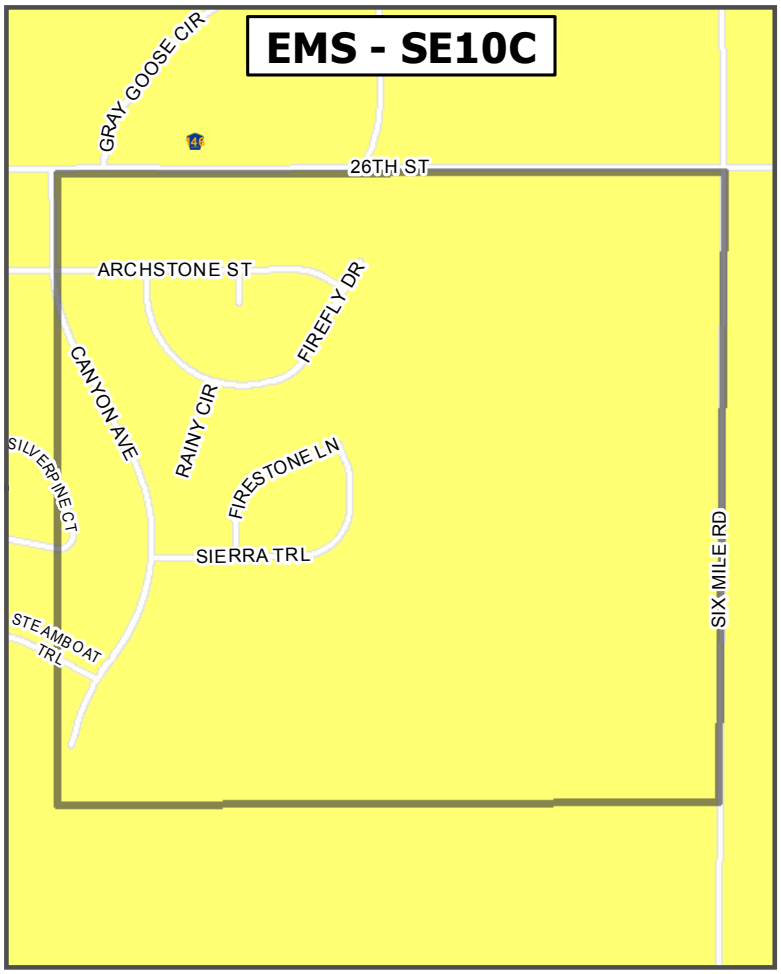
Floodplain

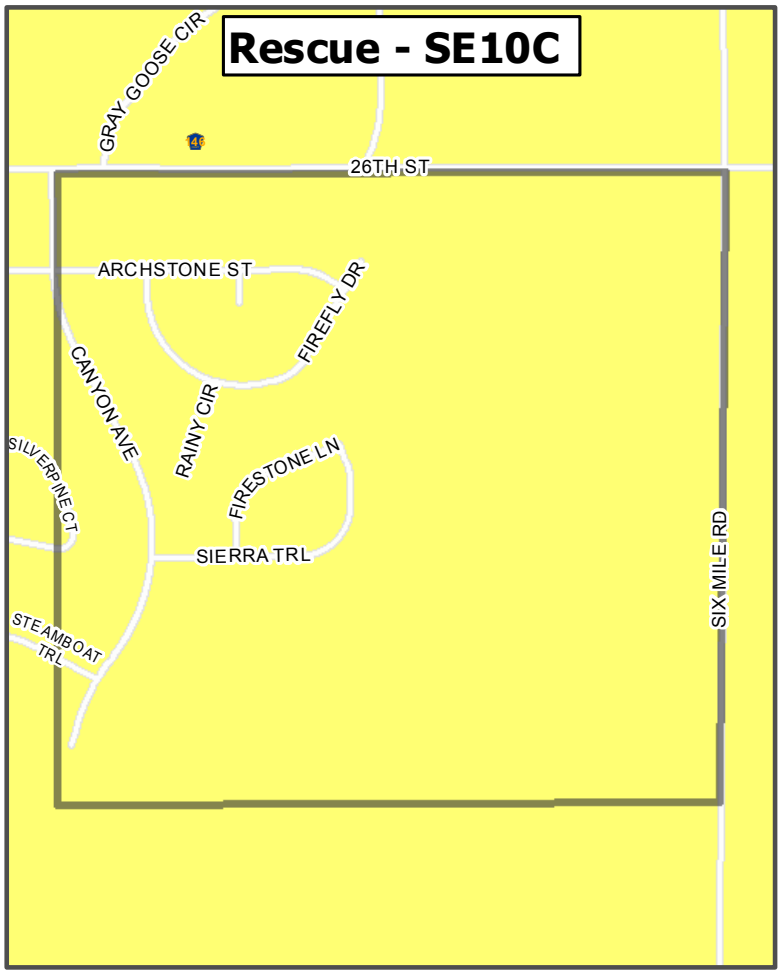
0.2 percent Annual Chance

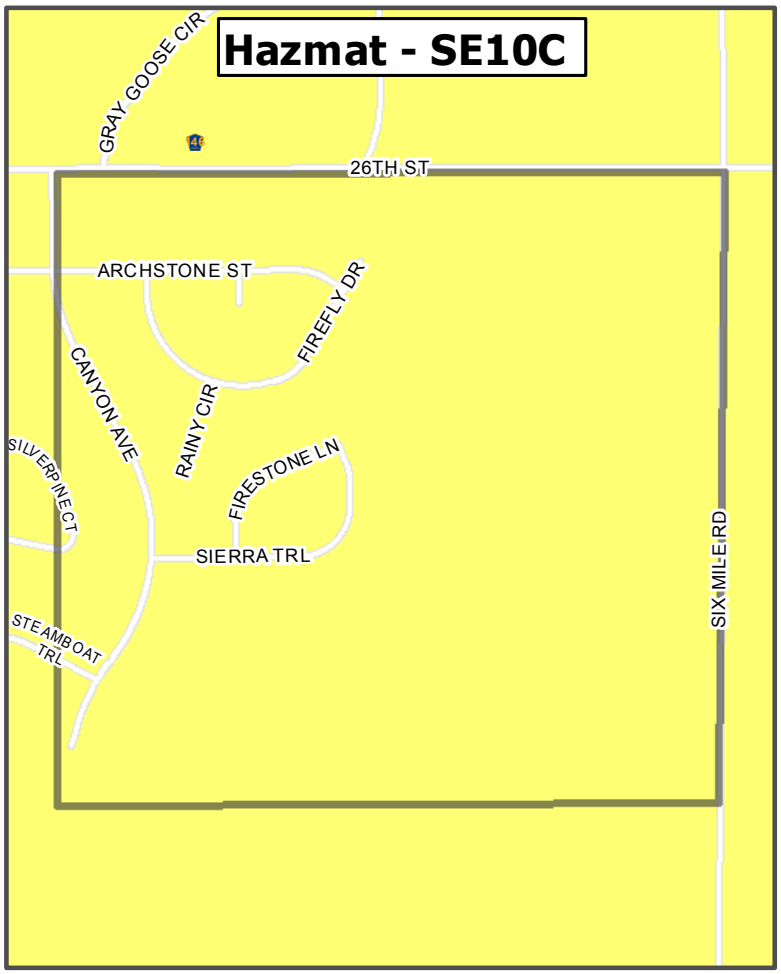
1 percent Annual Chance

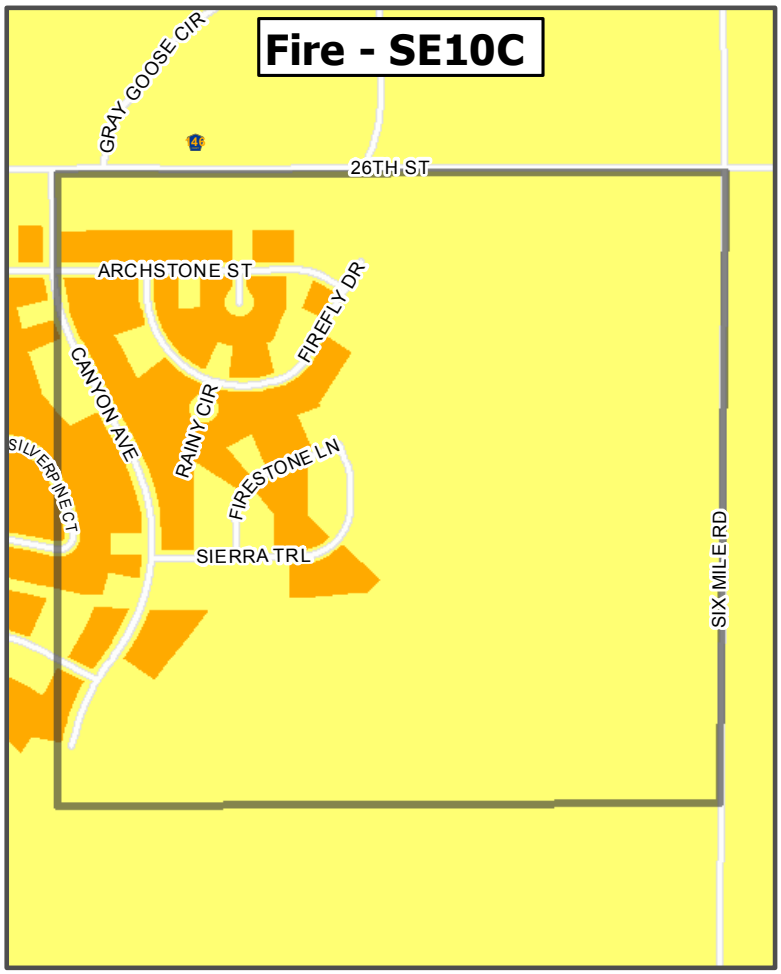







Low | Moderate | High | Special

1 inch = 803 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10D

Fire

Rescue

HazMat

EMS

SUB Substation

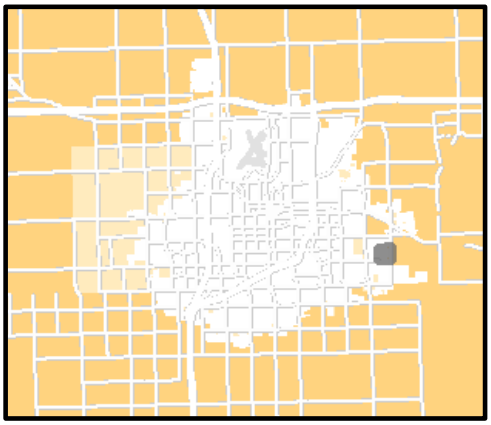
Transmission Line

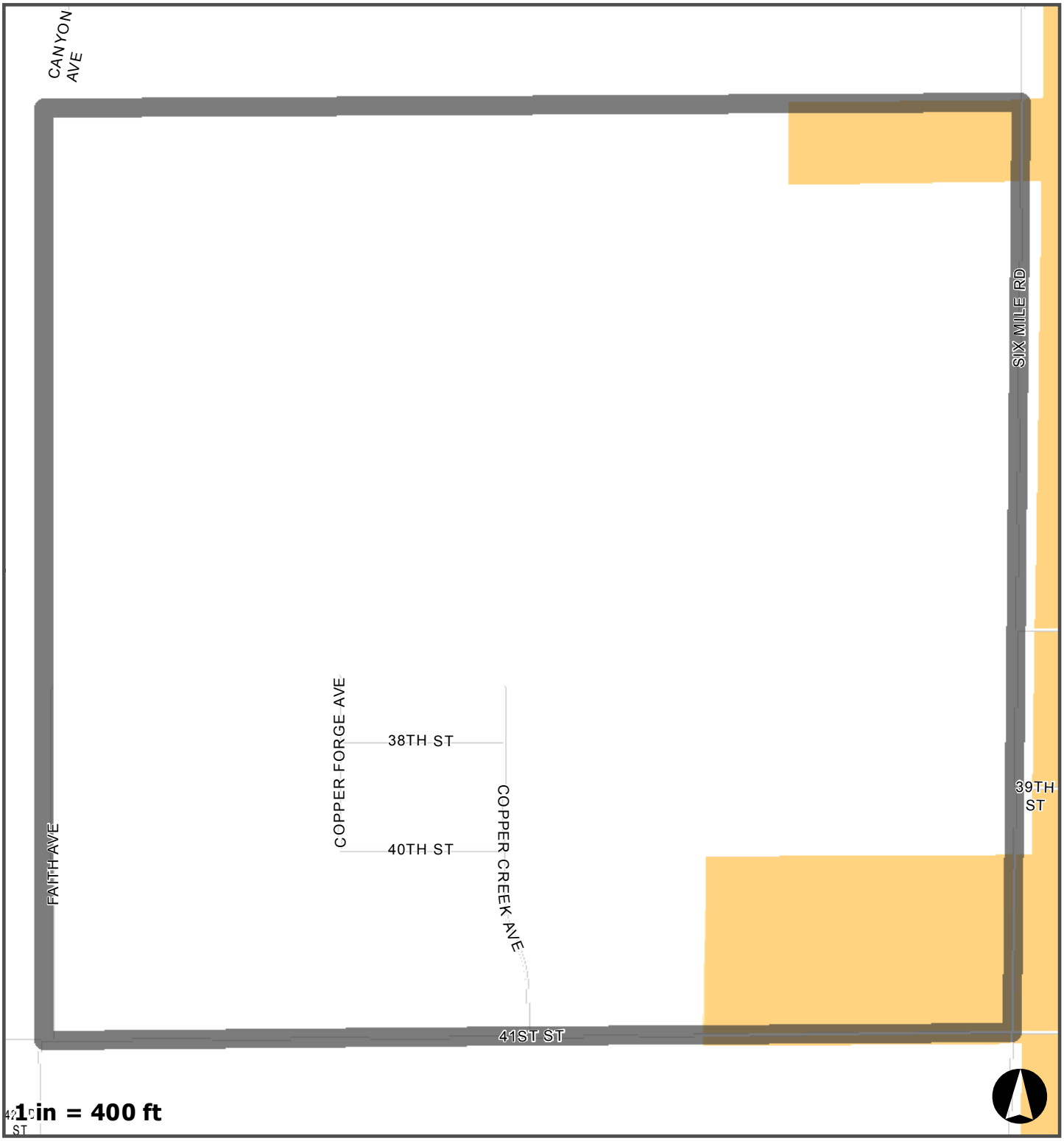
Major Gas Line

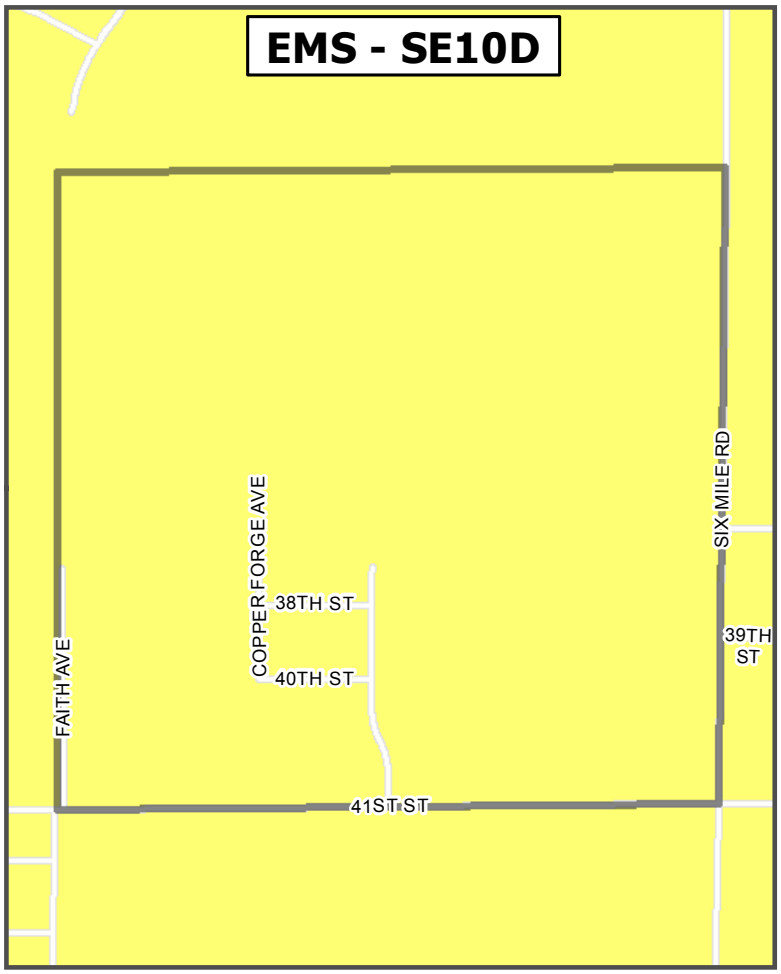
Floodplain

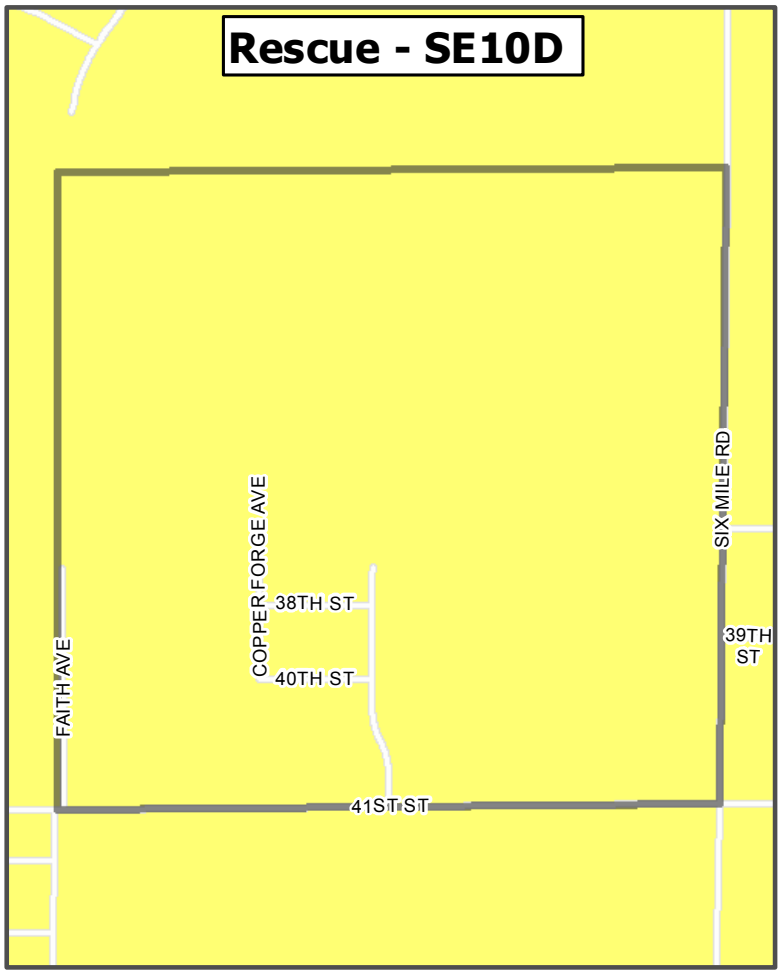
0.2 percent Annual Chance

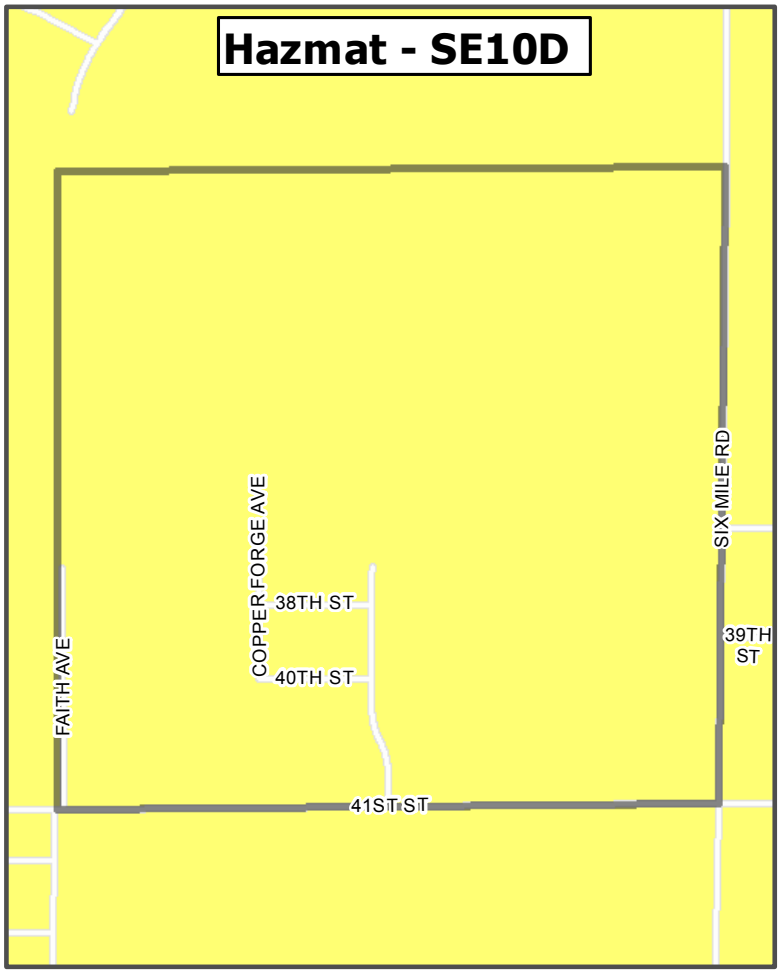
1 percent Annual Chance

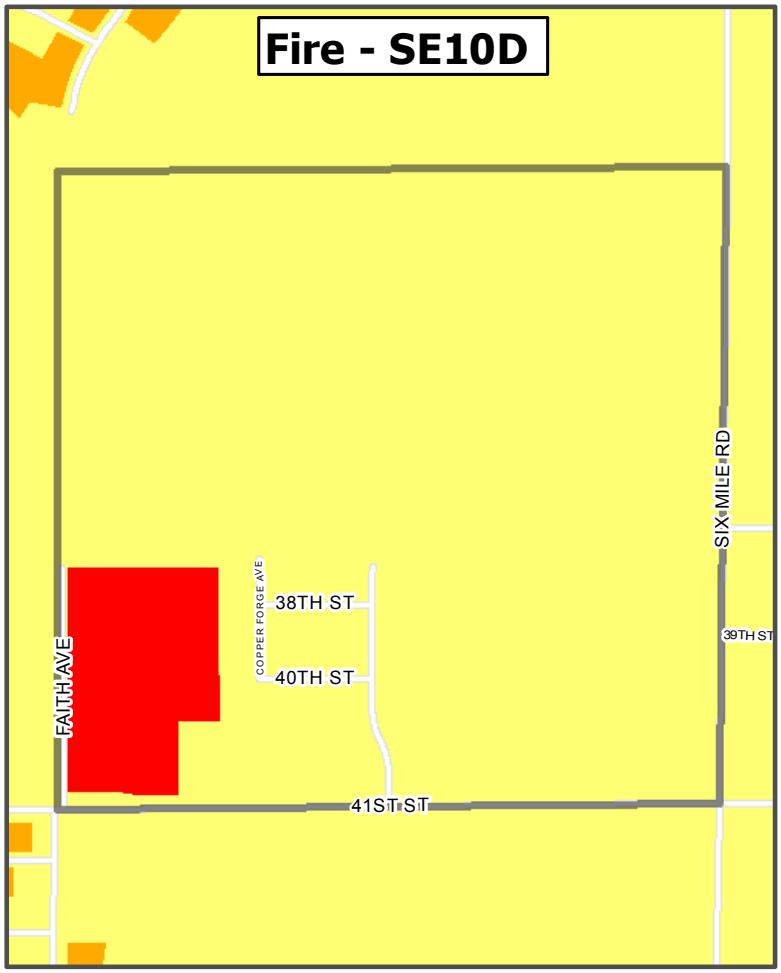







Low | Moderate | High | Special

1 inch = 795 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10E

Fire

Rescue

HazMat

EMS

SUB Substation

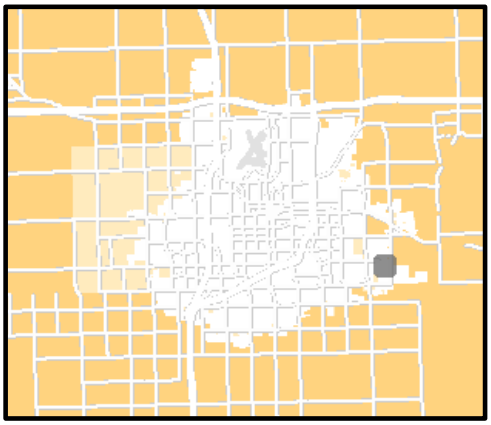
Transmission Line

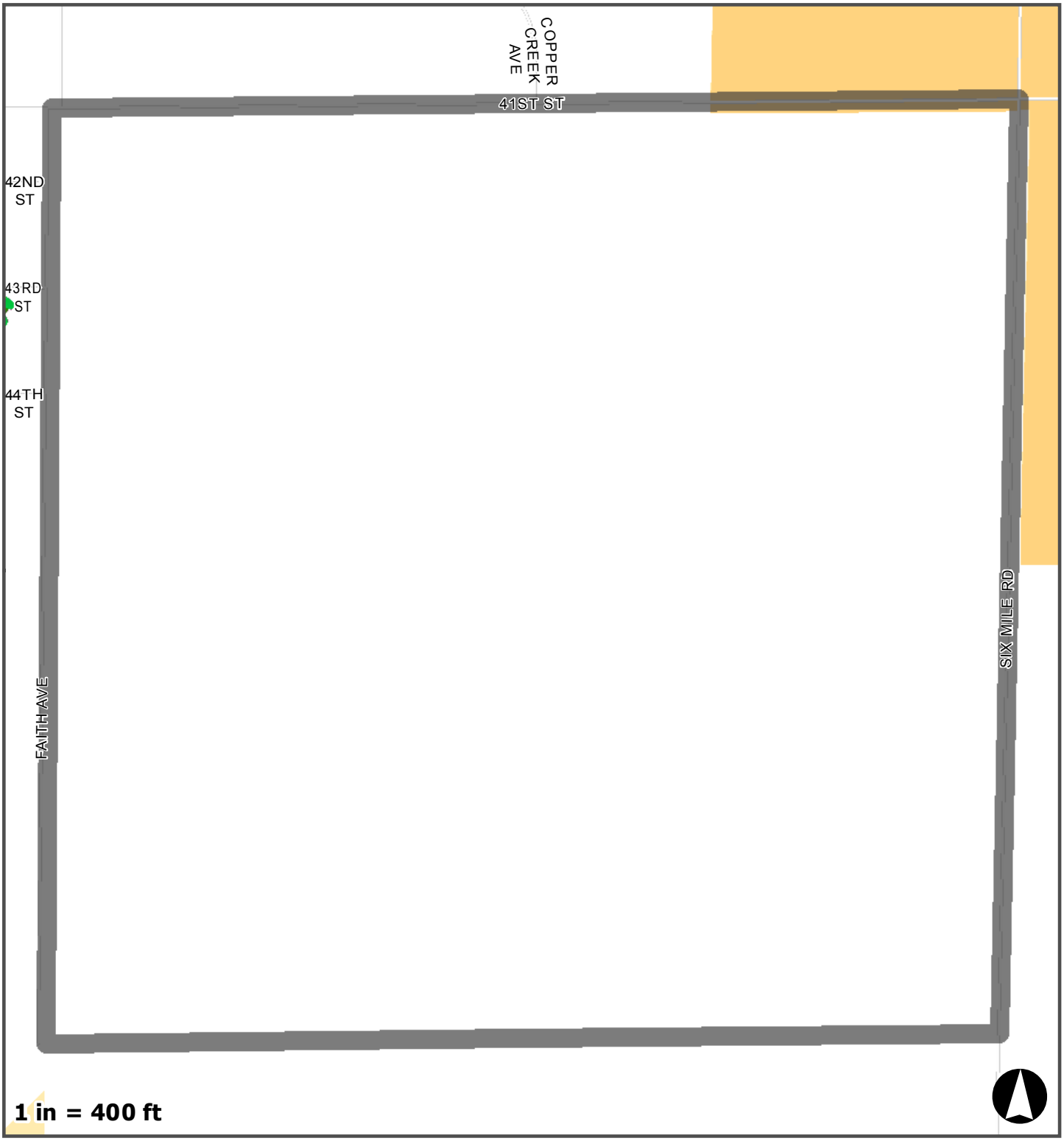
Major Gas Line

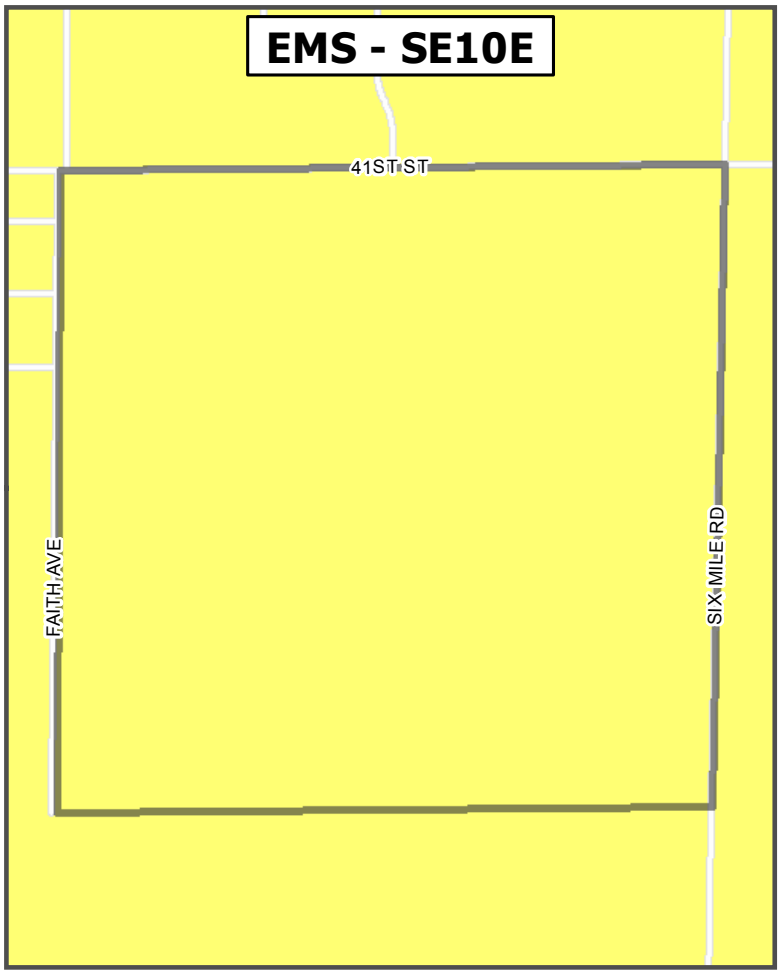
Floodplain

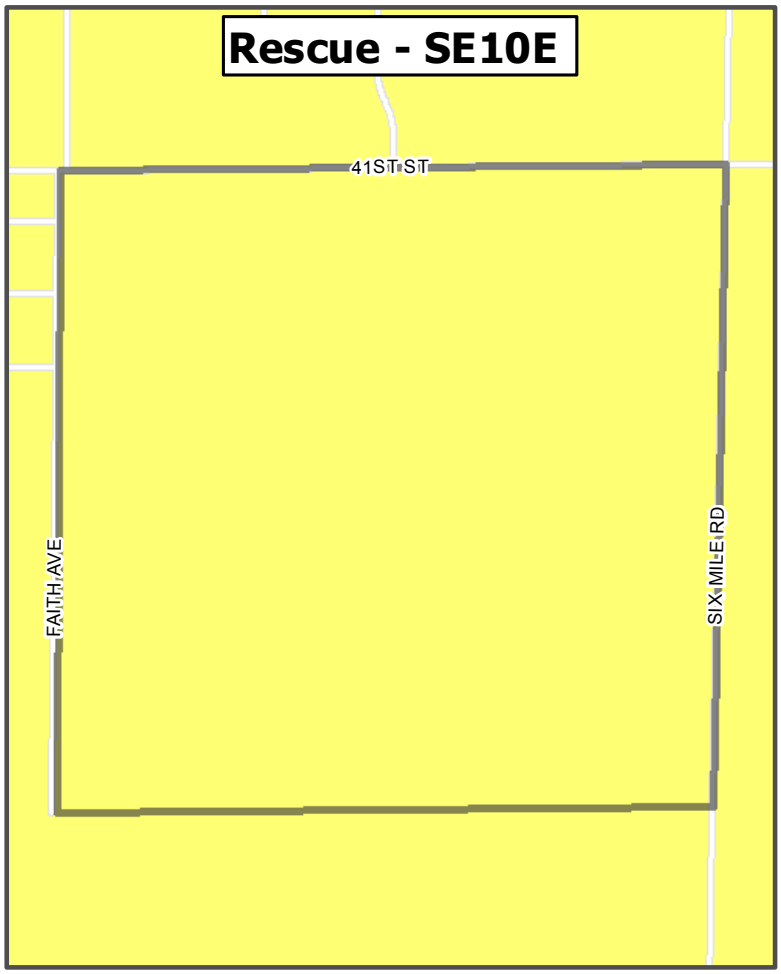
0.2 percent Annual Chance

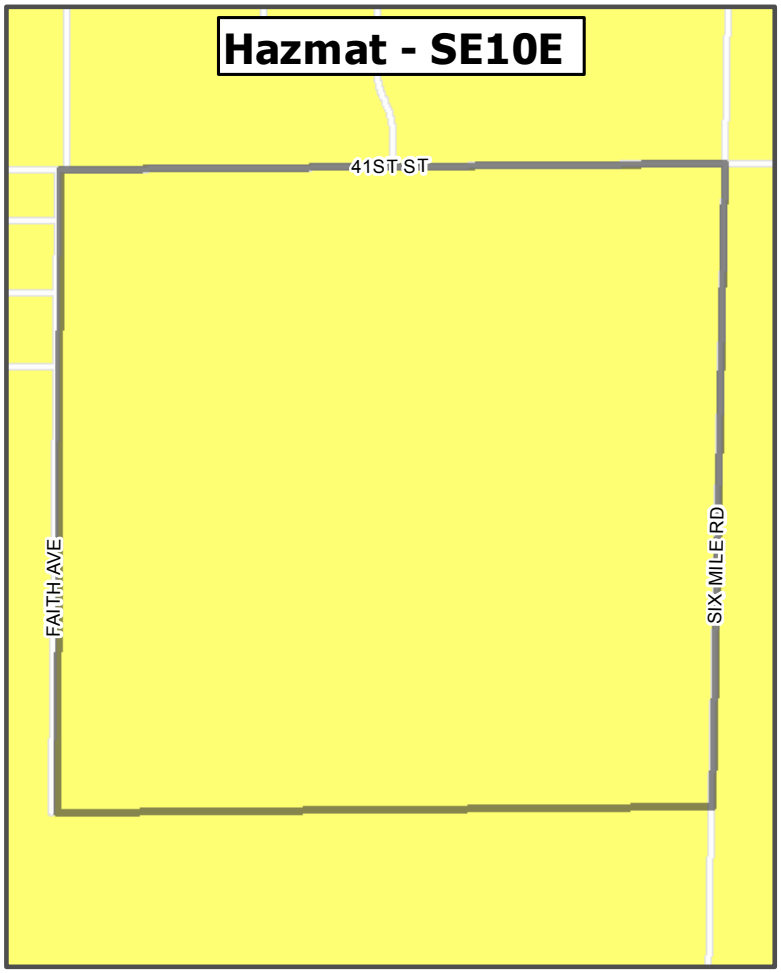
1 percent Annual Chance

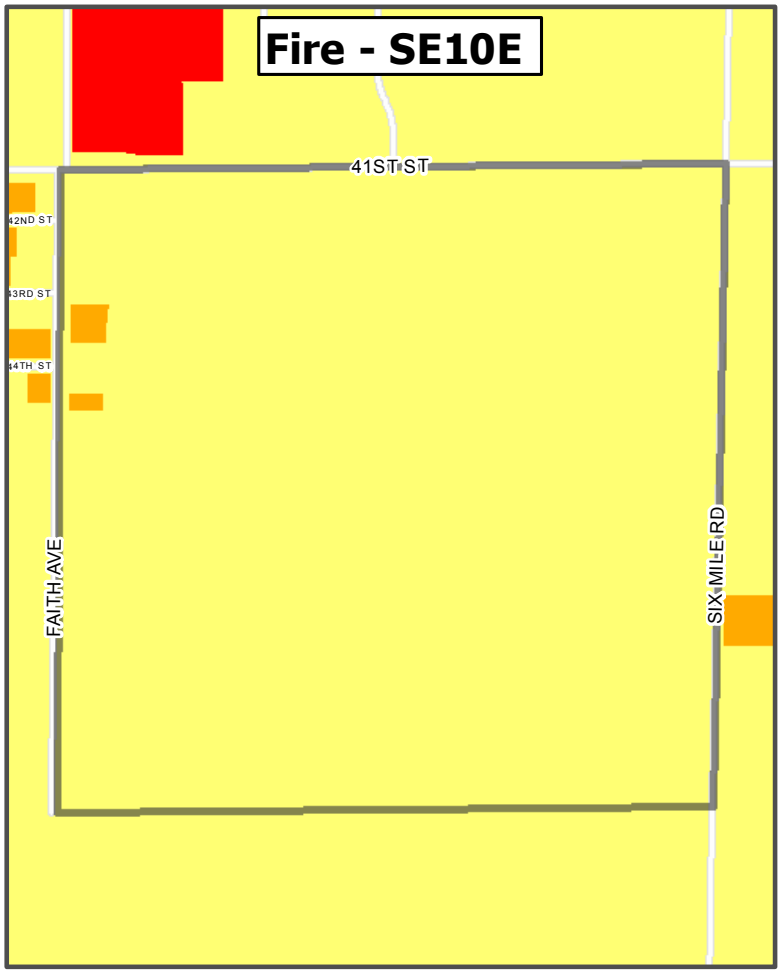







Low | Moderate | High | Special

1 inch = 791 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10F

Fire

Rescue

HazMat

EMS

SUB Substation

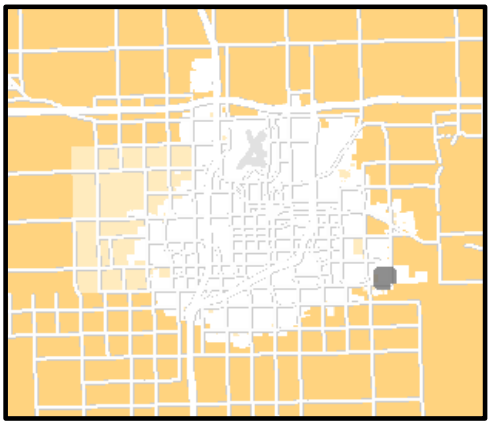
Transmission Line

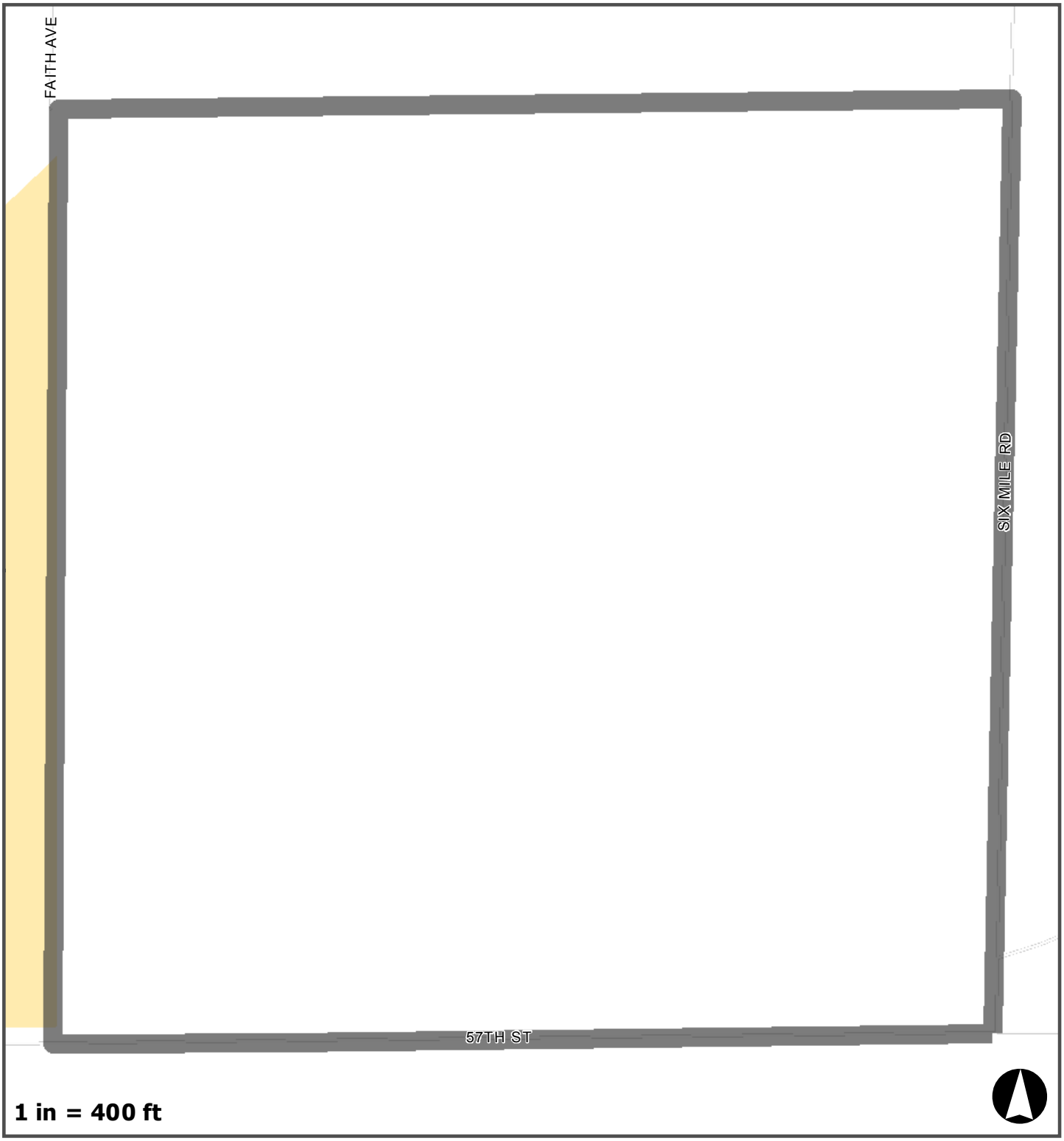
Major Gas Line

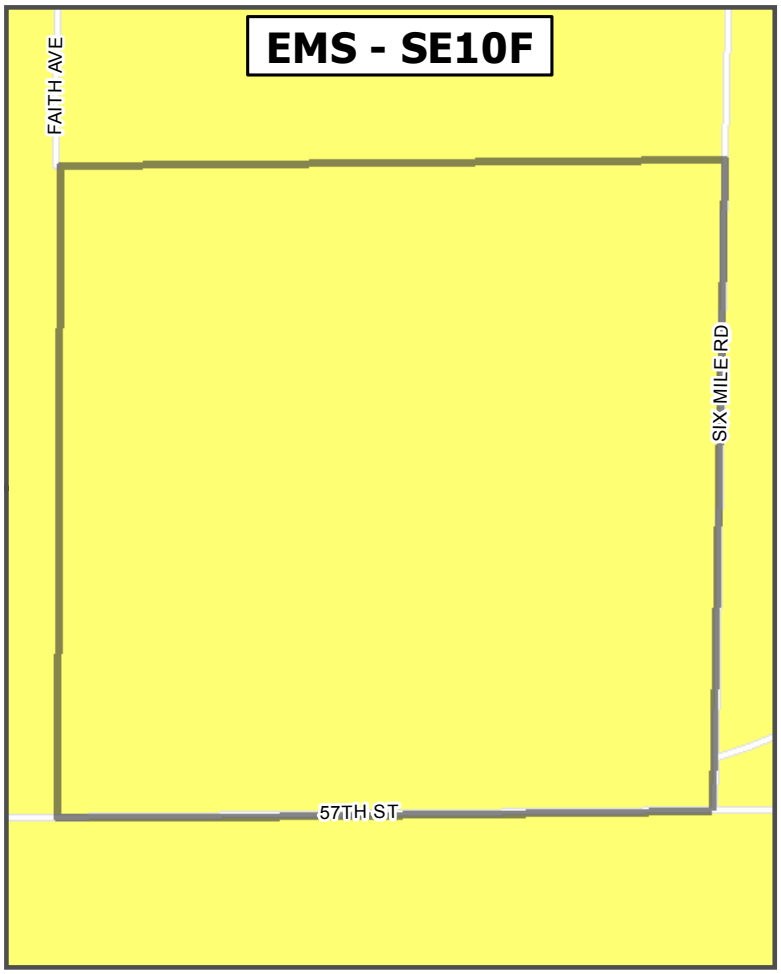
Floodplain

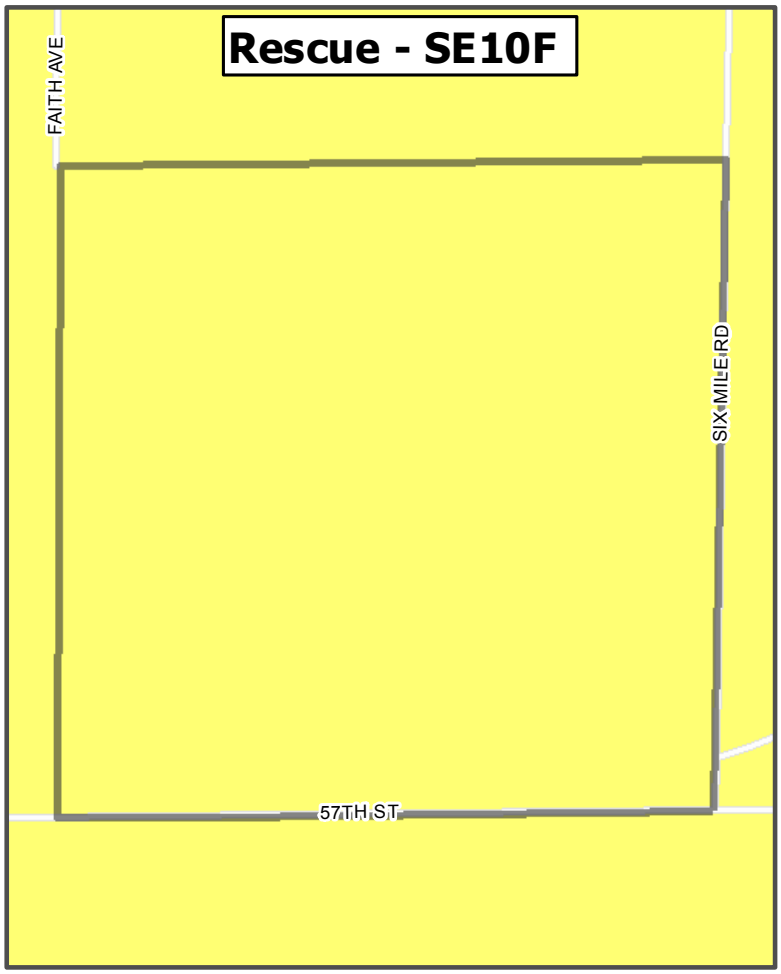
0.2 percent Annual Chance

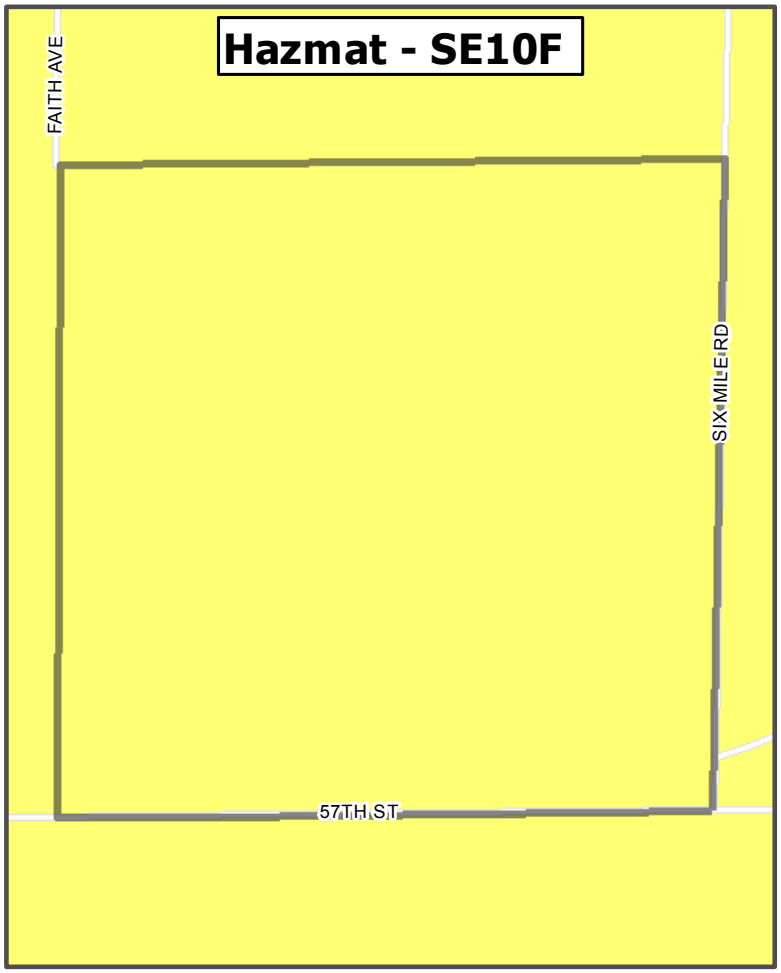
1 percent Annual Chance

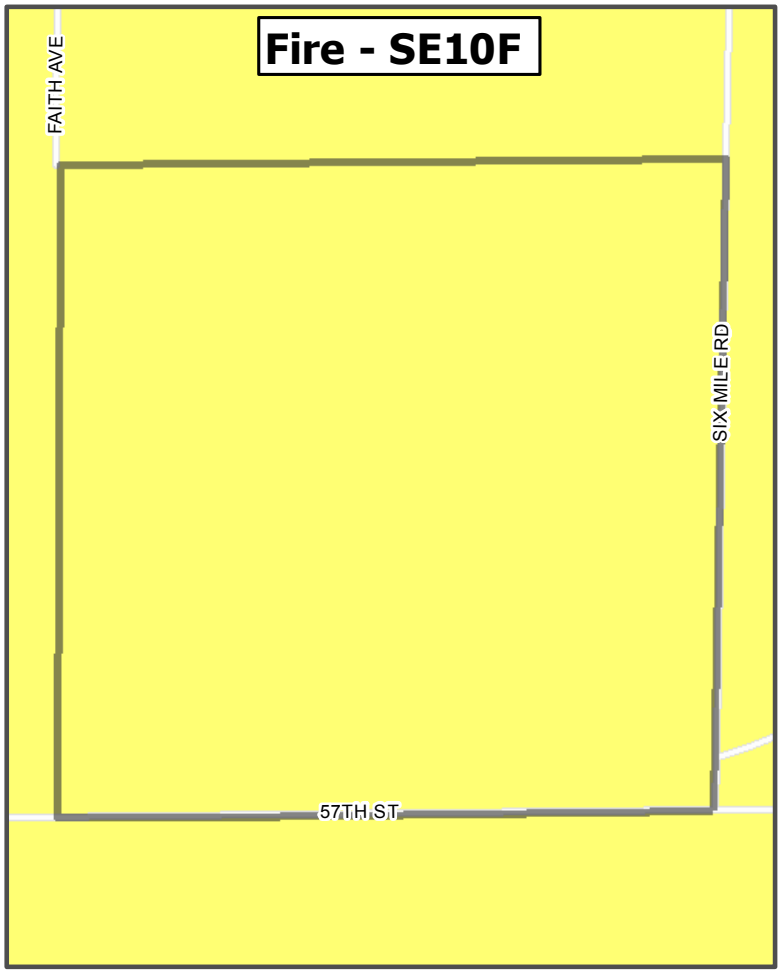







Low | Moderate | High | Special

1 inch = 780 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10G

Fire

Rescue

HazMat

EMS

SUB Substation

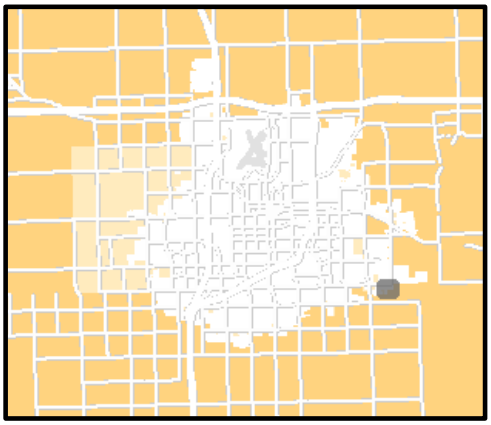
Transmission Line

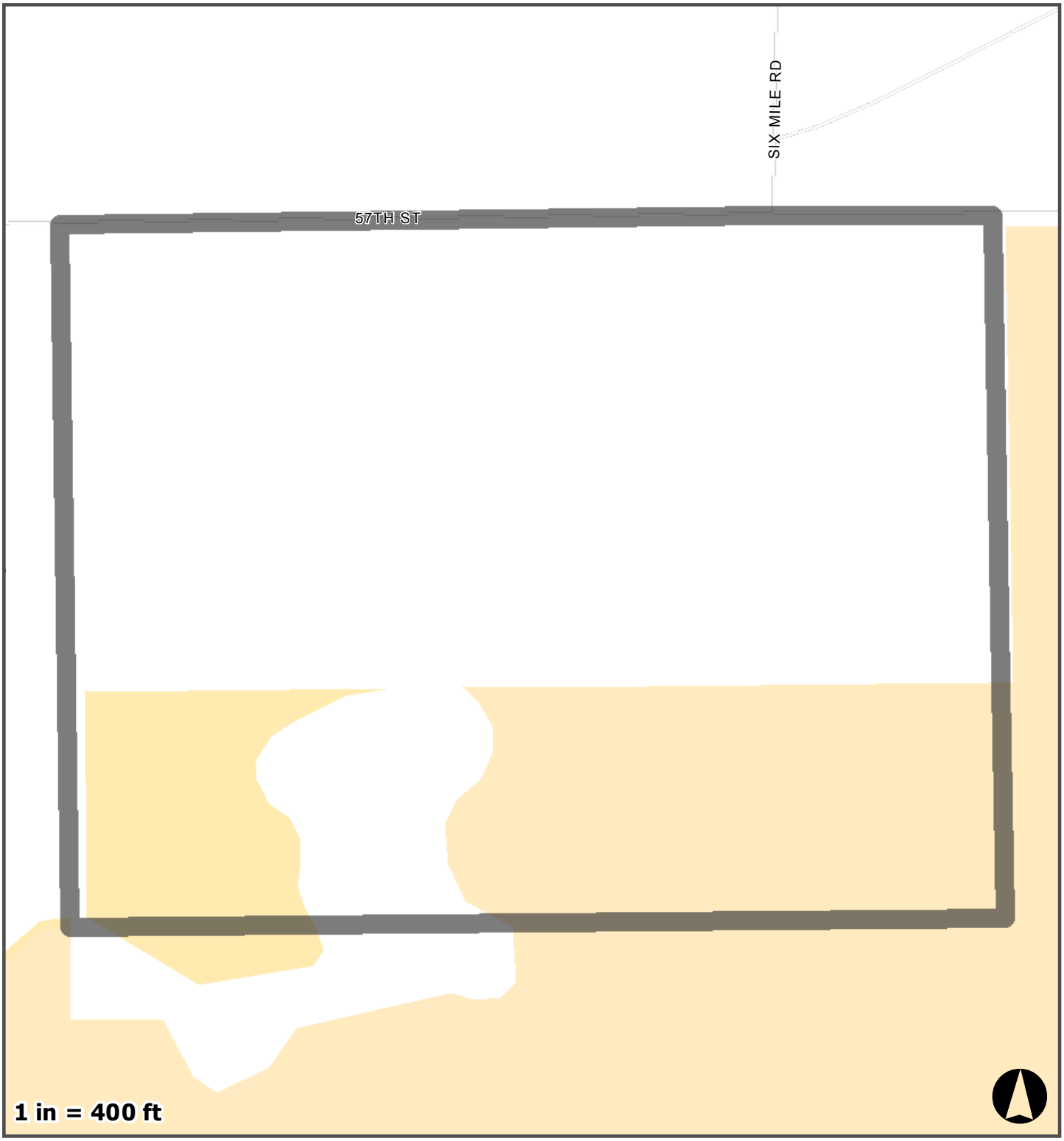
Major Gas Line

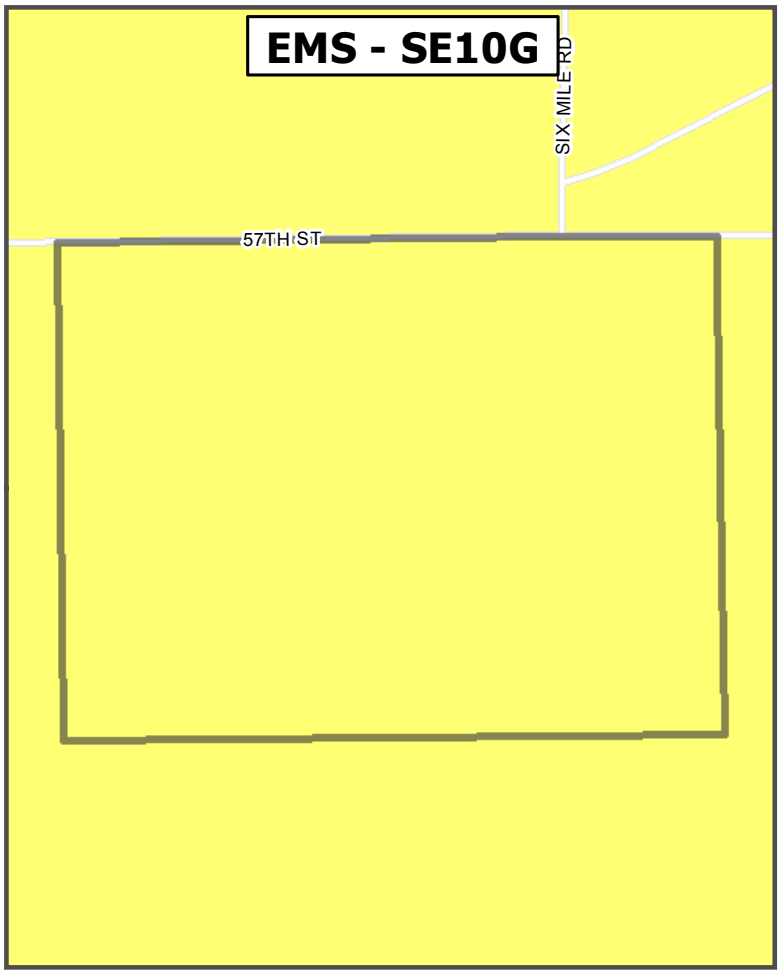
Floodplain

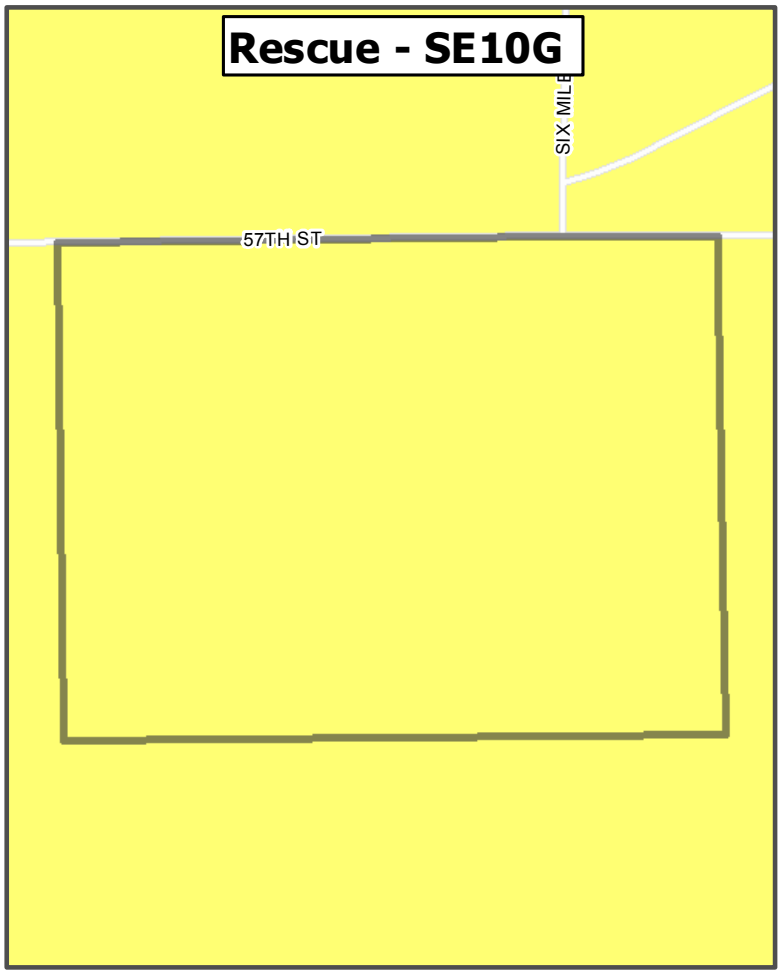
0.2 percent Annual Chance

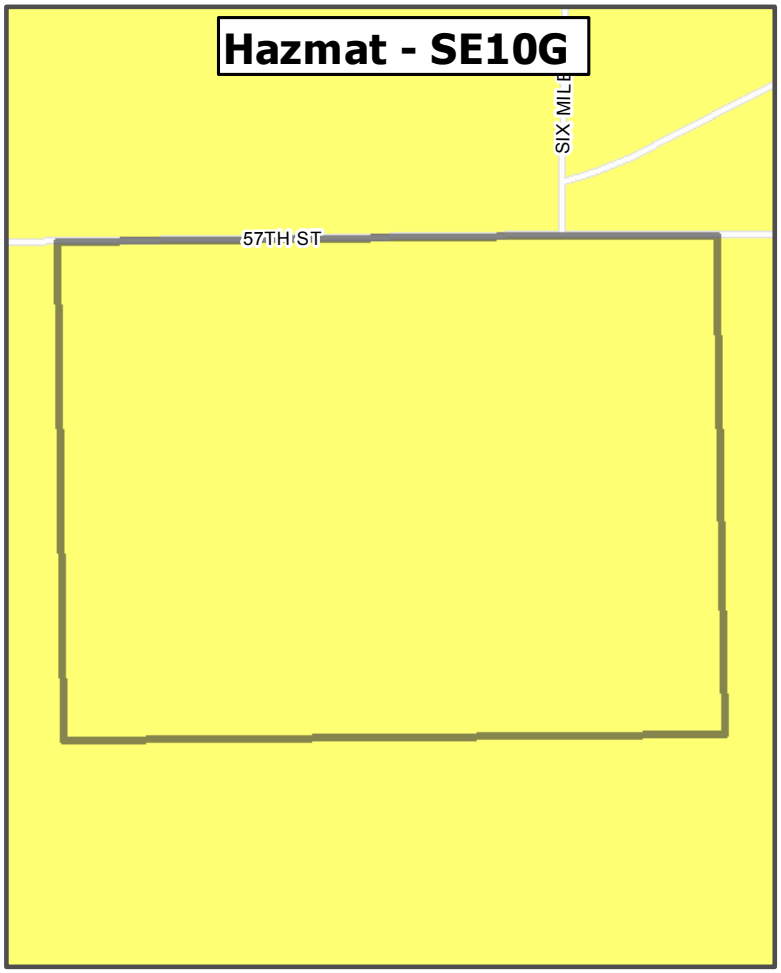
1 percent Annual Chance

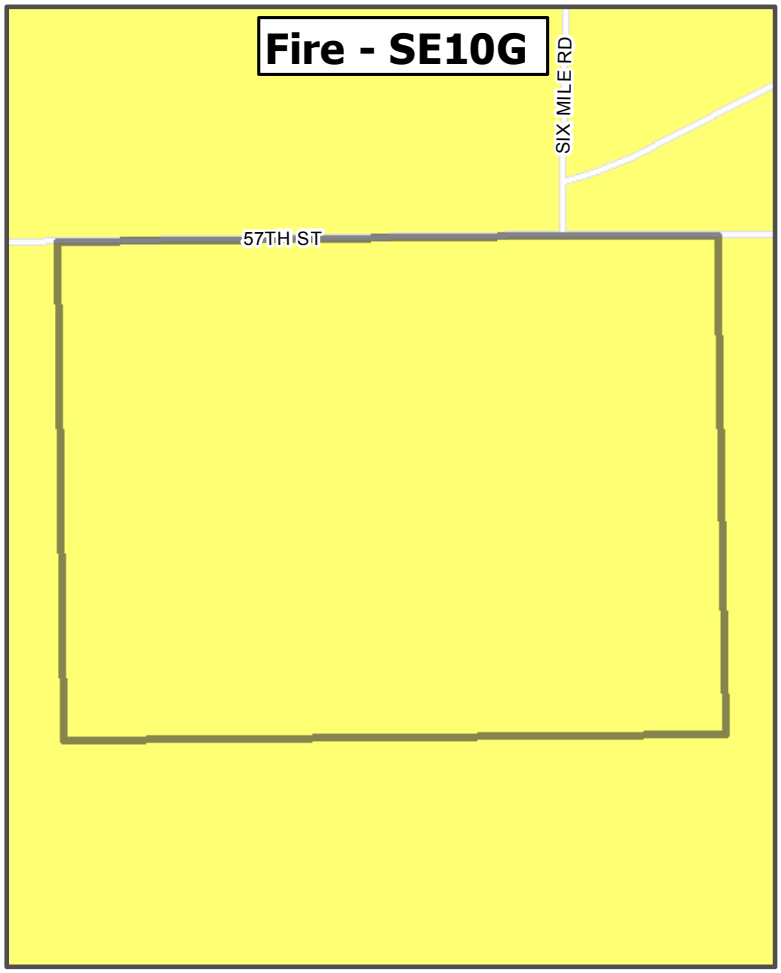







Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 10H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE10H

Fire

Rescue

HazMat

EMS

SUB Substation

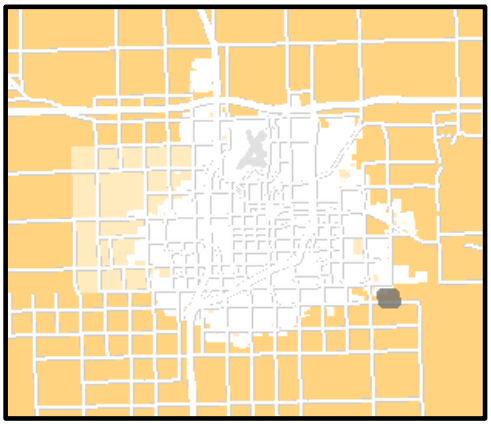
Transmission Line

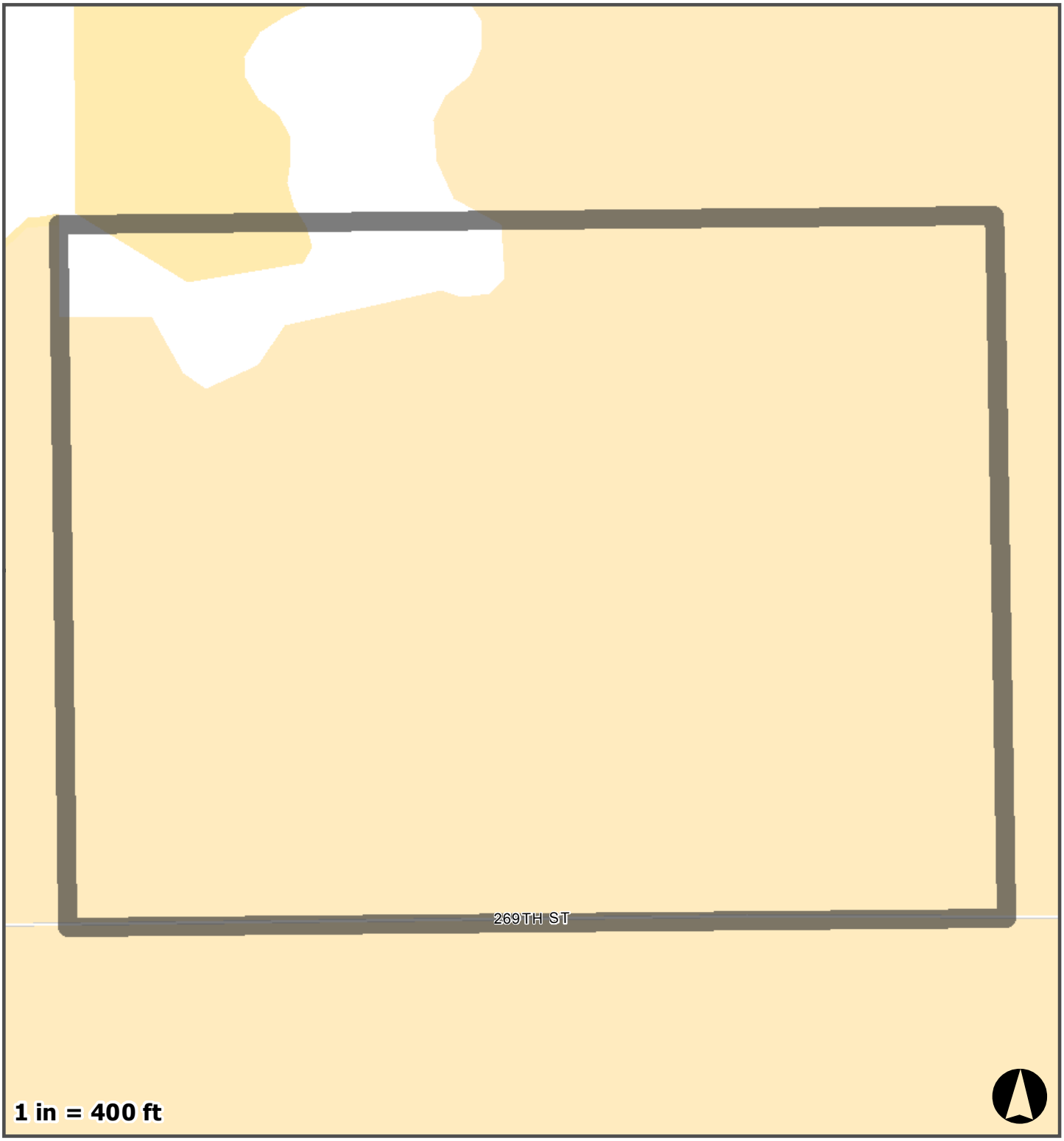
Major Gas Line

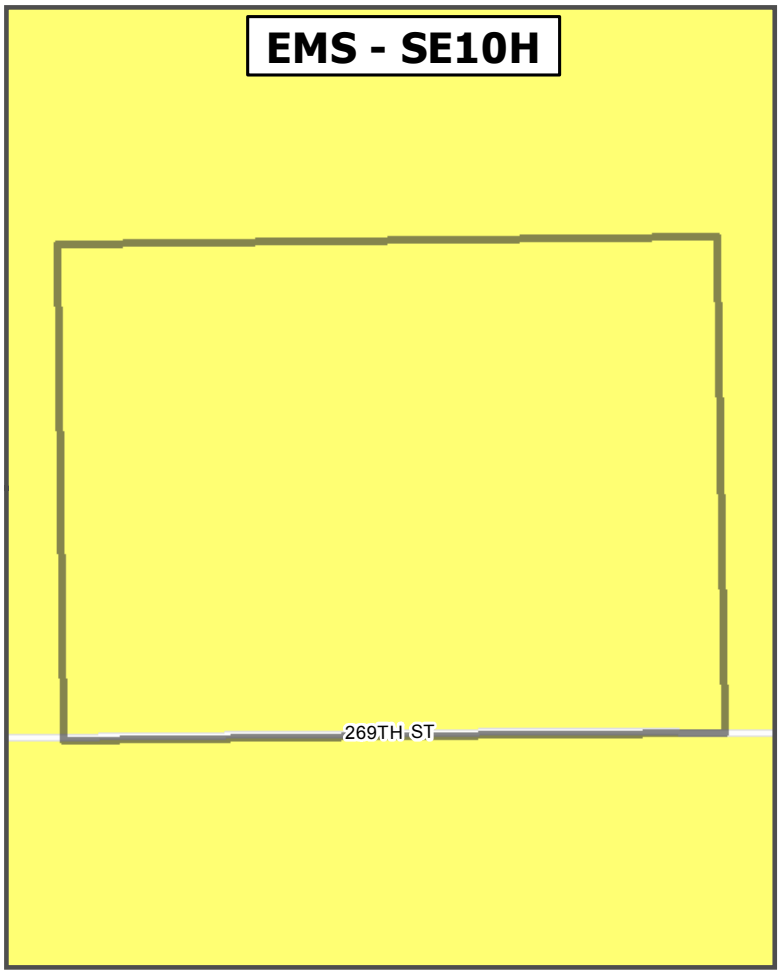
Floodplain

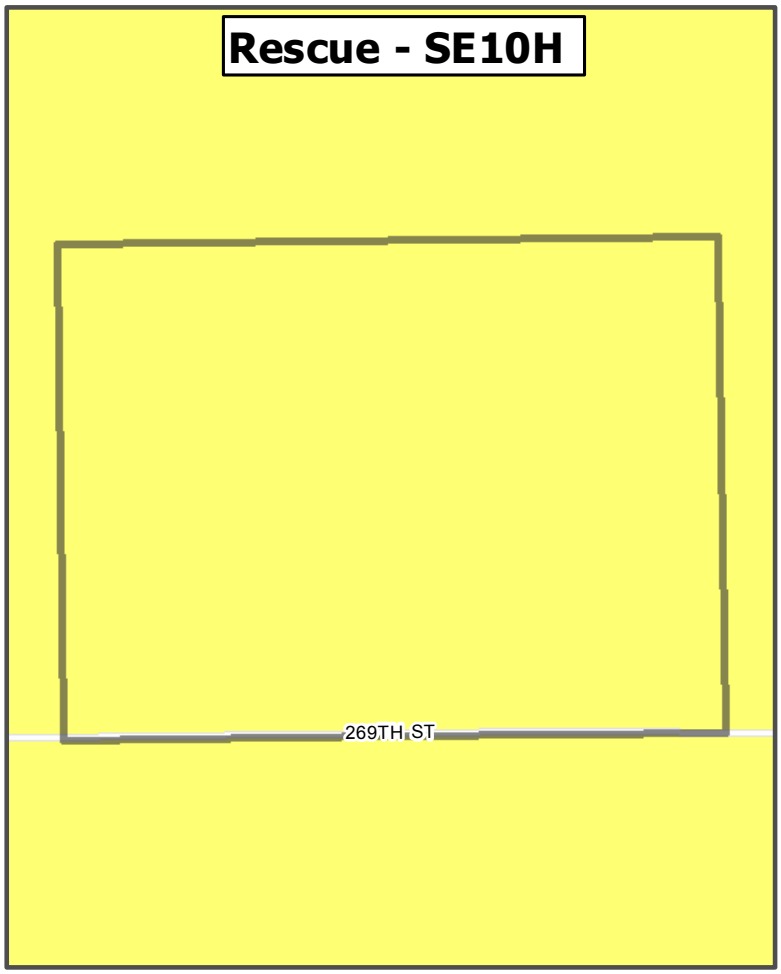
0.2 percent Annual Chance

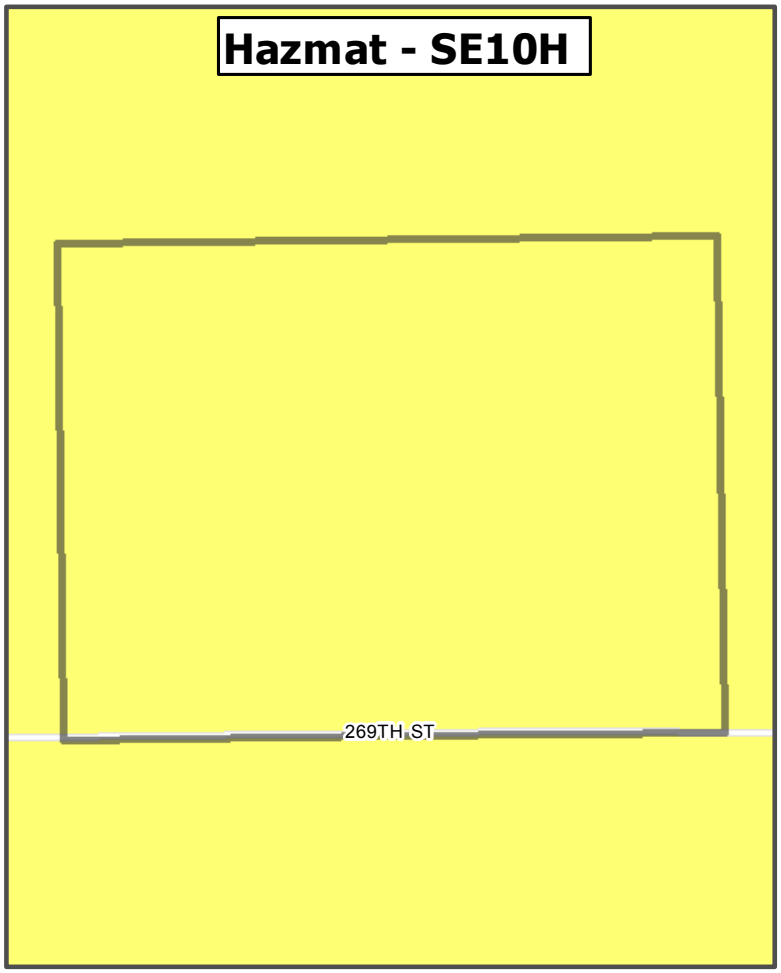
1 percent Annual Chance

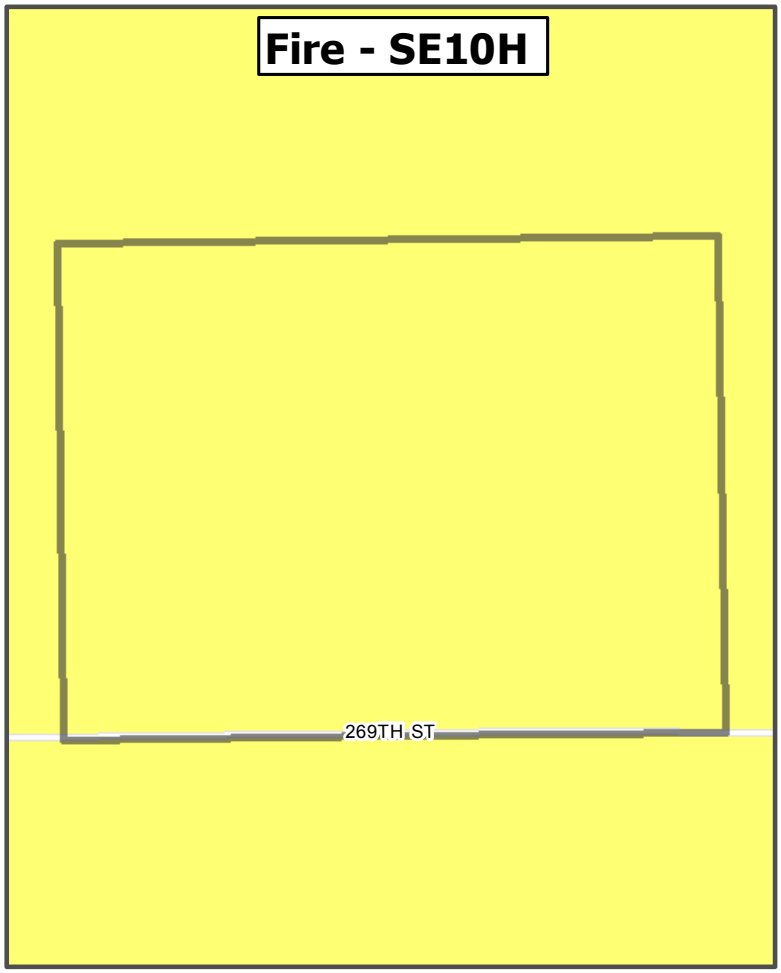







Low Moderate High Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 11A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 5% of this quadrant lies in the flood plain | | |

# SE11A

Fire

Rescue

HazMat

EMS

SUB Substation

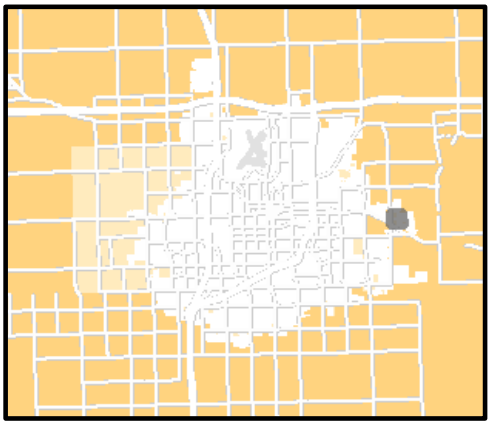
Transmission Line

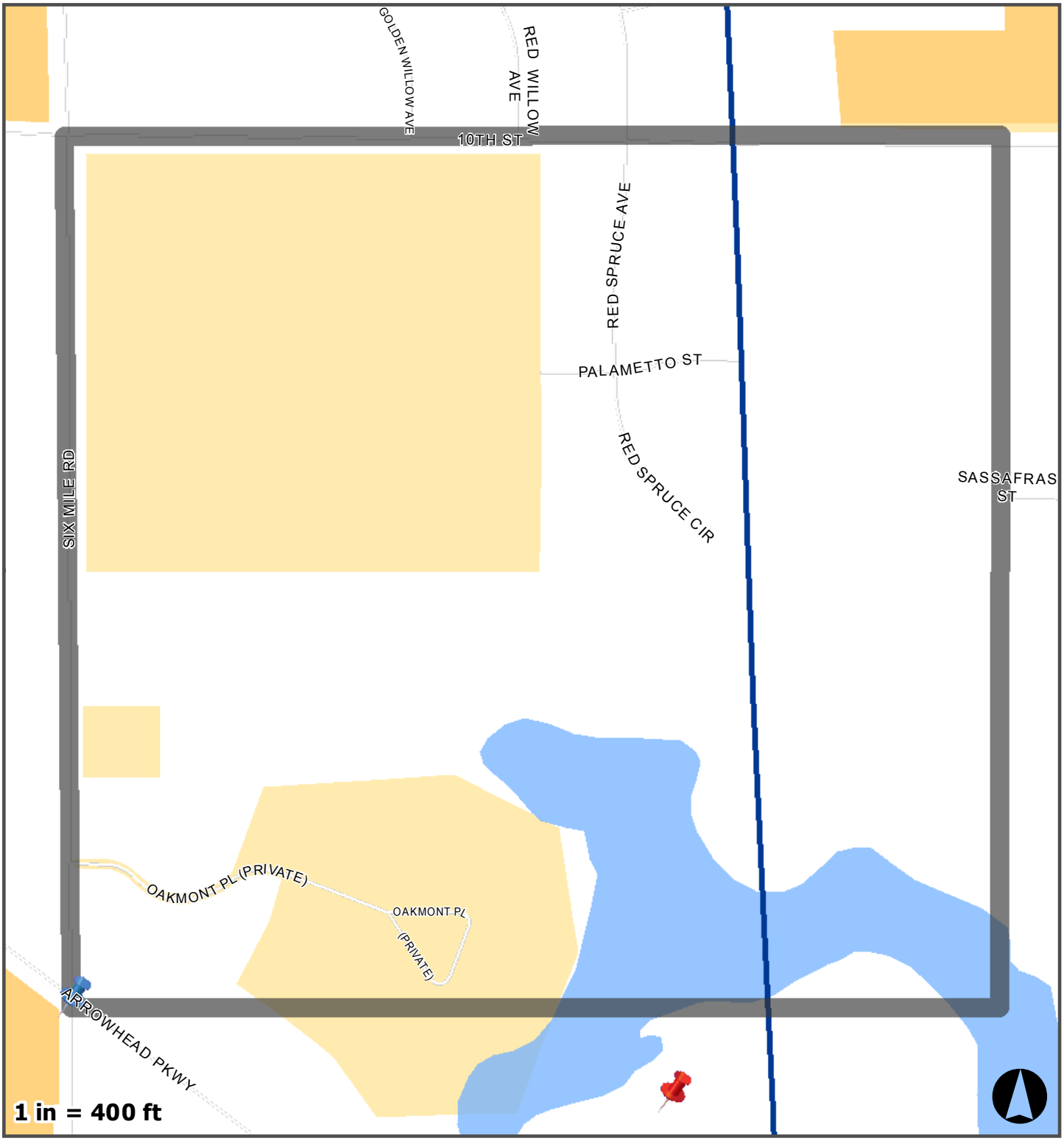
Major Gas Line

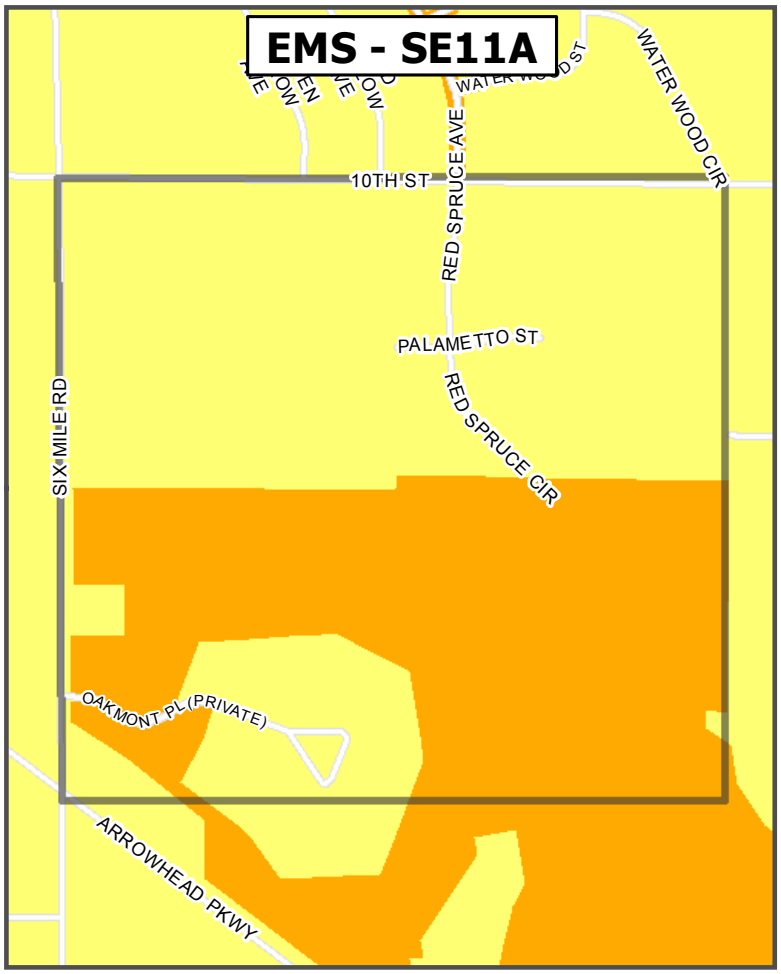
Floodplain

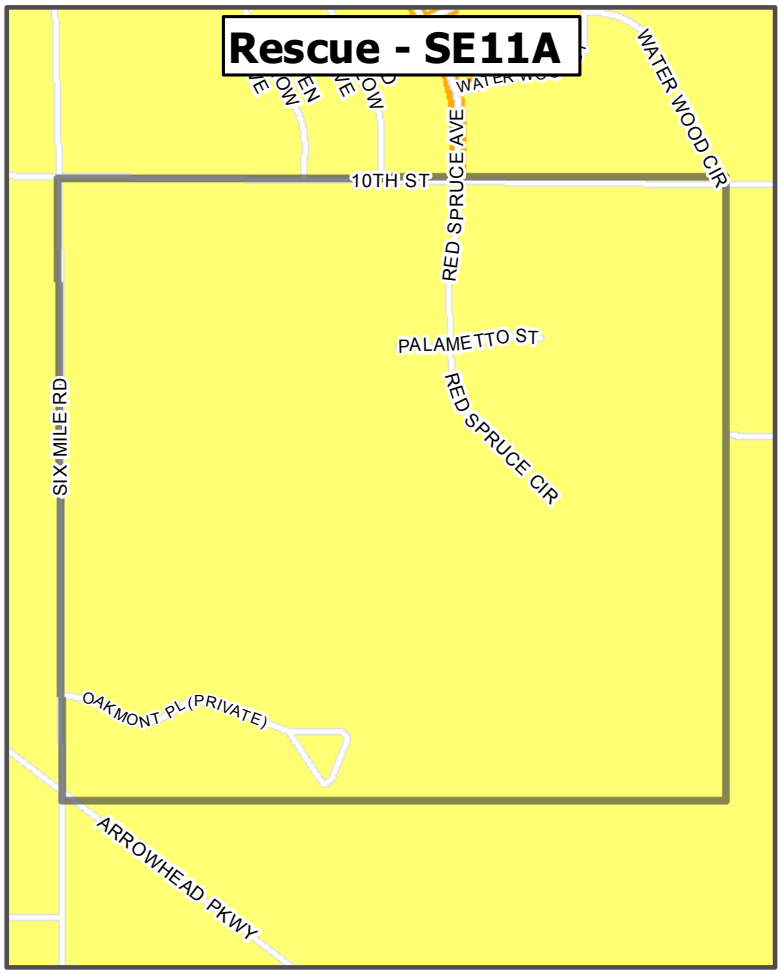
0.2 percent Annual Chance

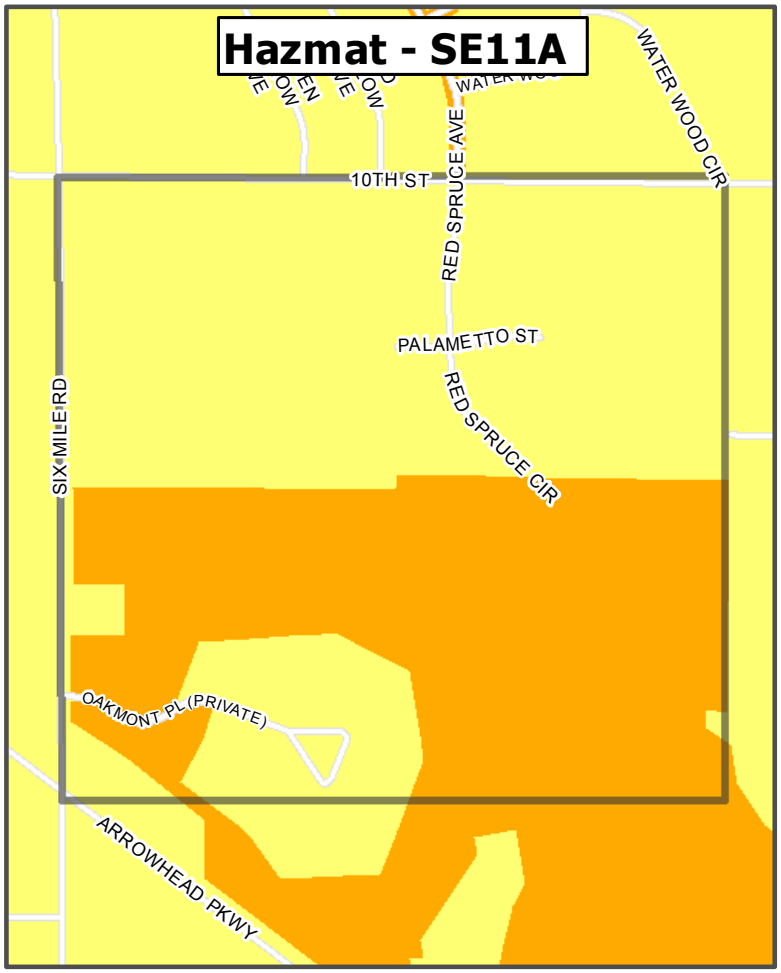
1 percent Annual Chance

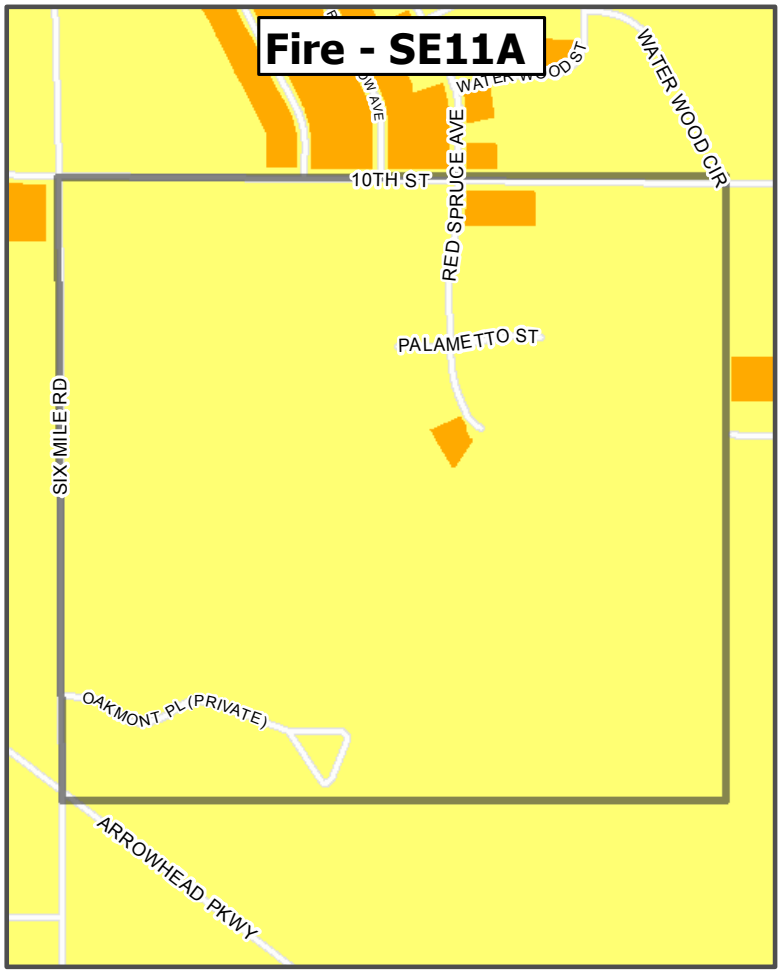







Low | Moderate | High | Special

1 inch = 761 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 11B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 2 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 2 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 5% of this quadrant lies in the flood plain | | |

# SE11B

Fire

Rescue

HazMat

EMS

SUB Substation

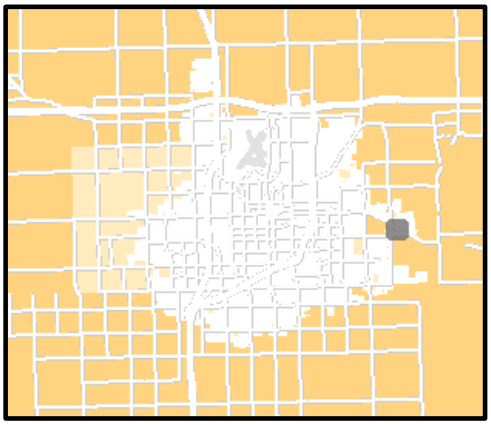
Transmission Line

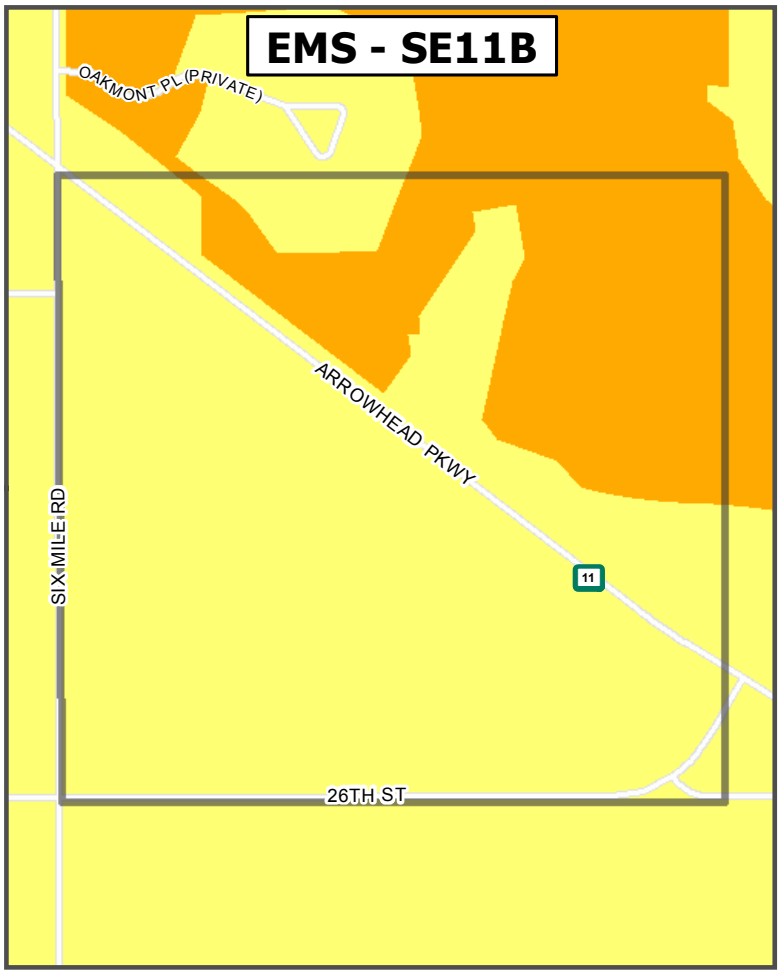
Major Gas Line

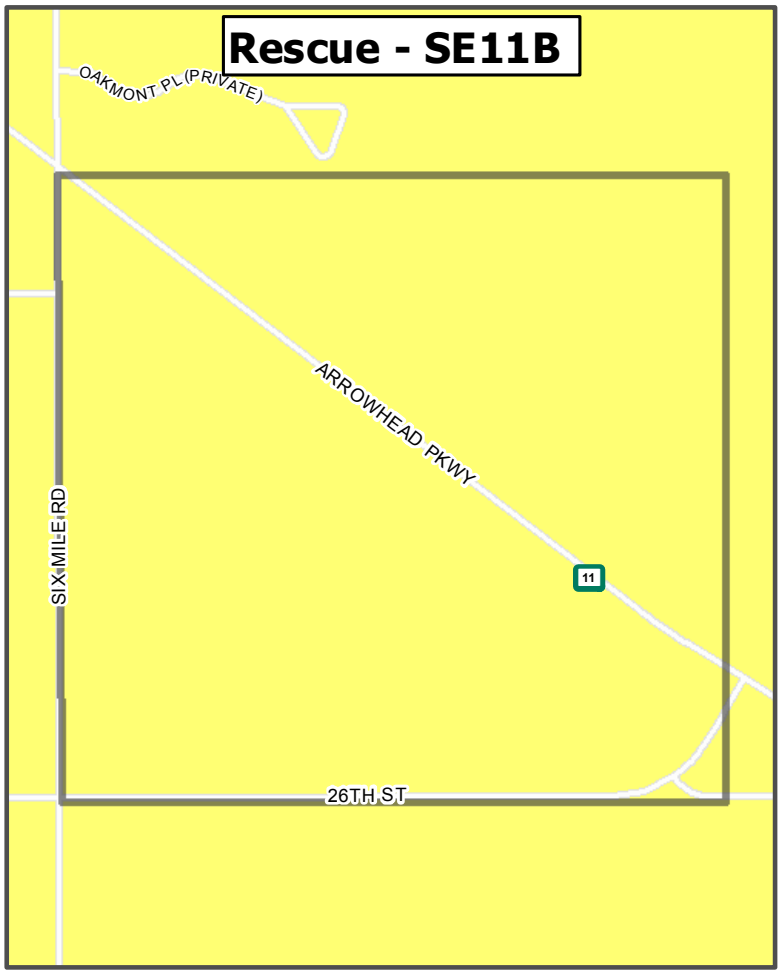
Floodplain

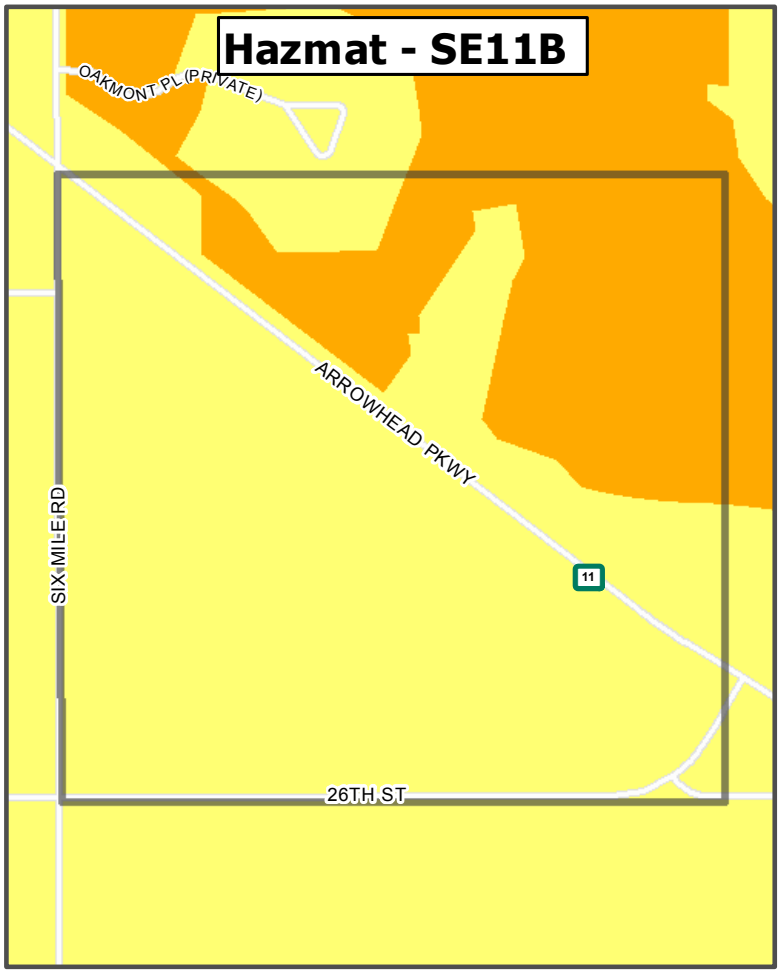
0.2 percent Annual Chance

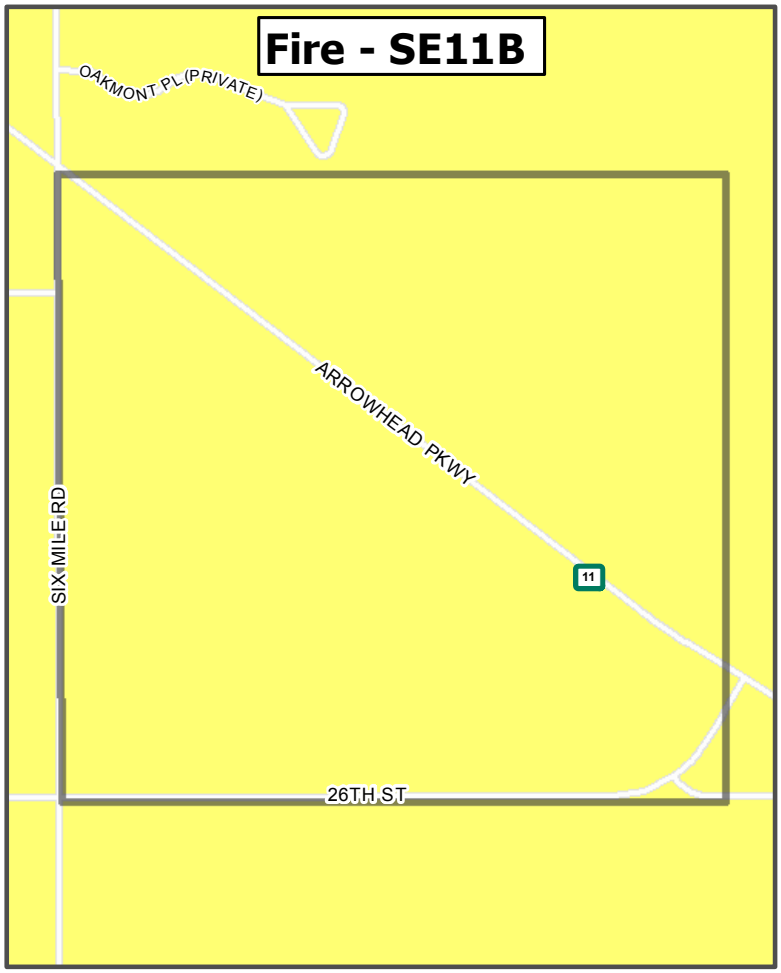
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 754 feet

# SE11C

Fire

Rescue

HazMat

EMS

SUB Substation

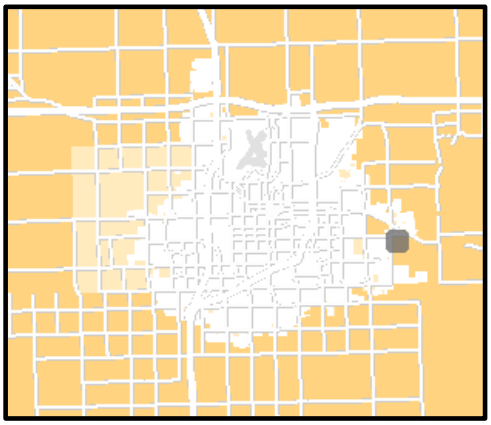
Transmission Line

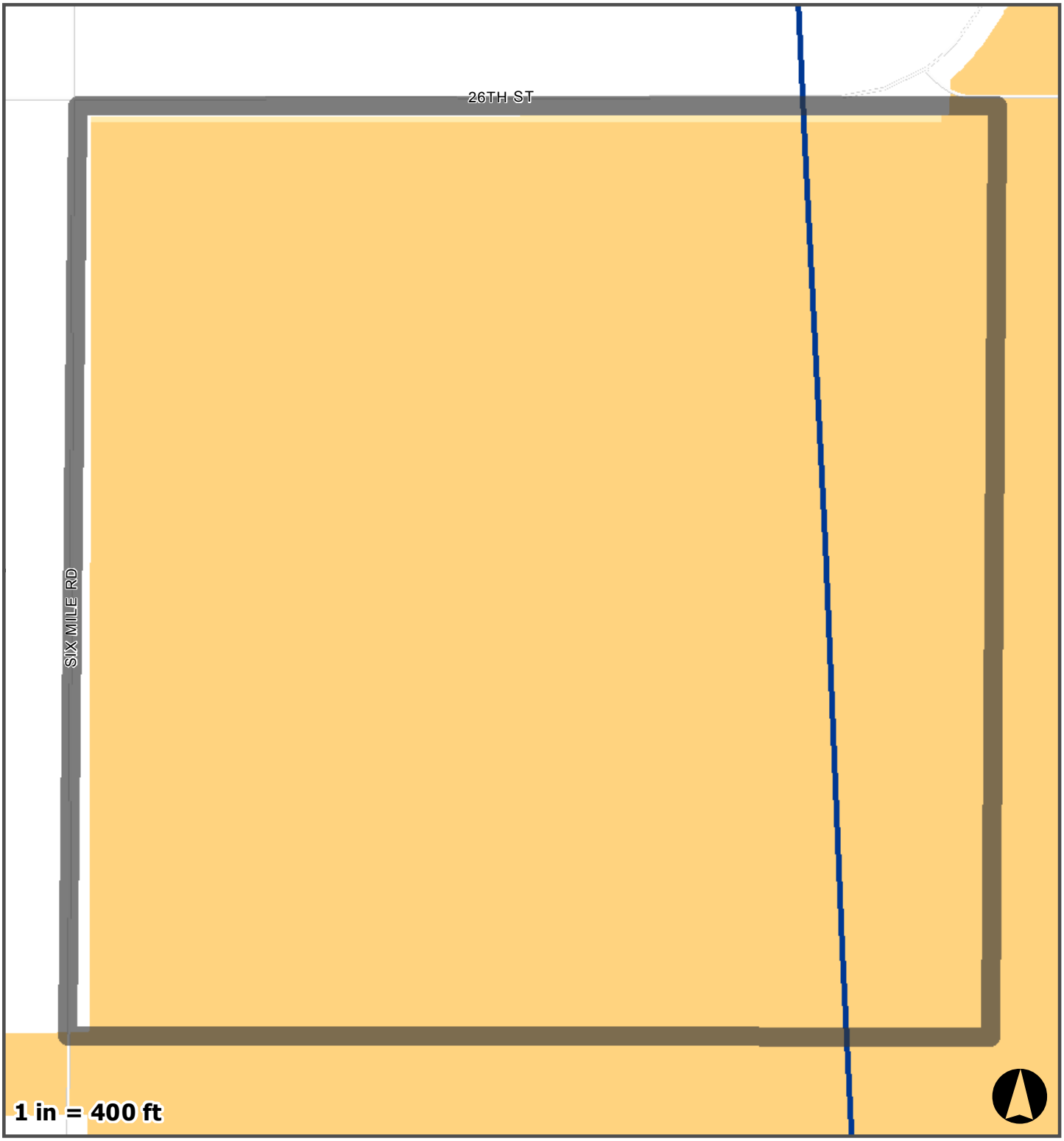
Major Gas Line

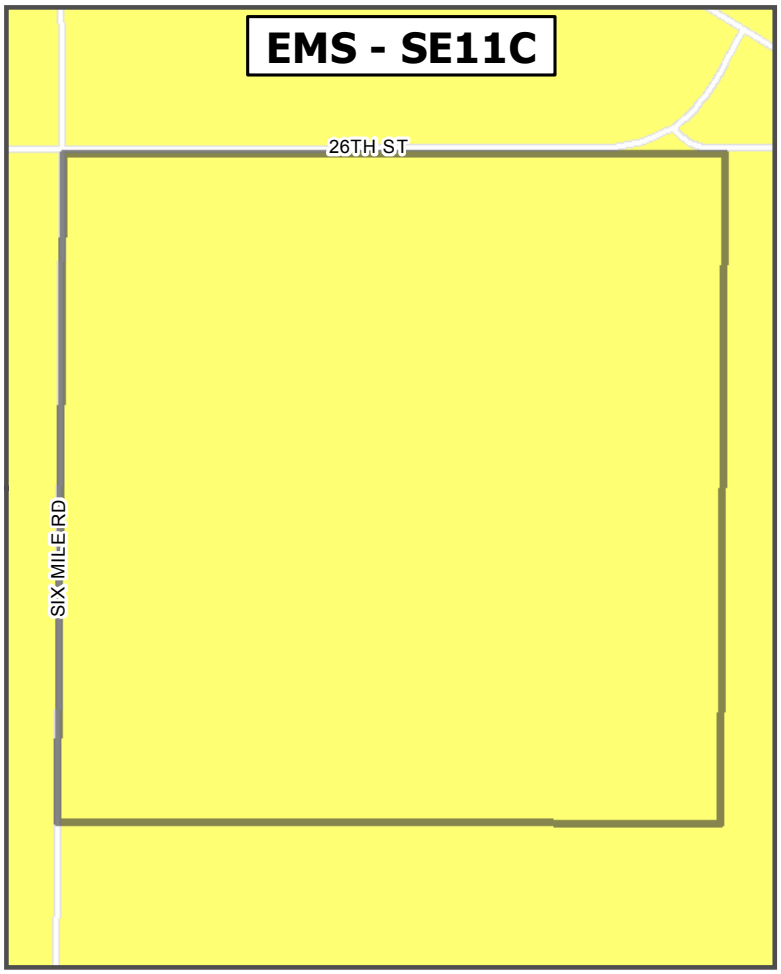
Floodplain

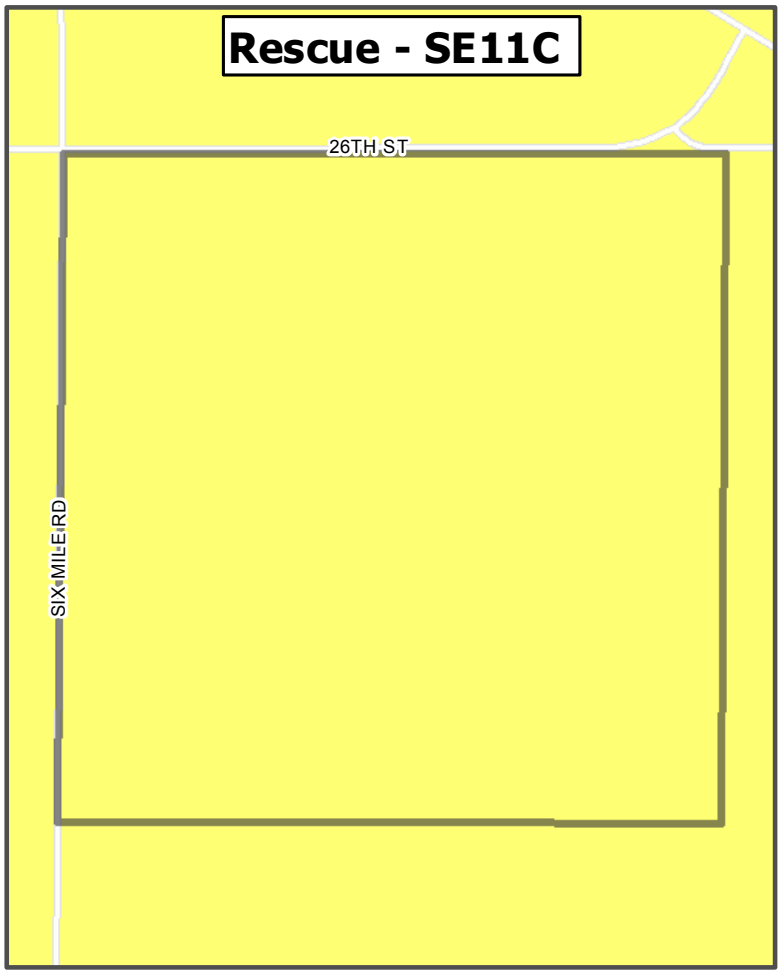
0.2 percent Annual Chance

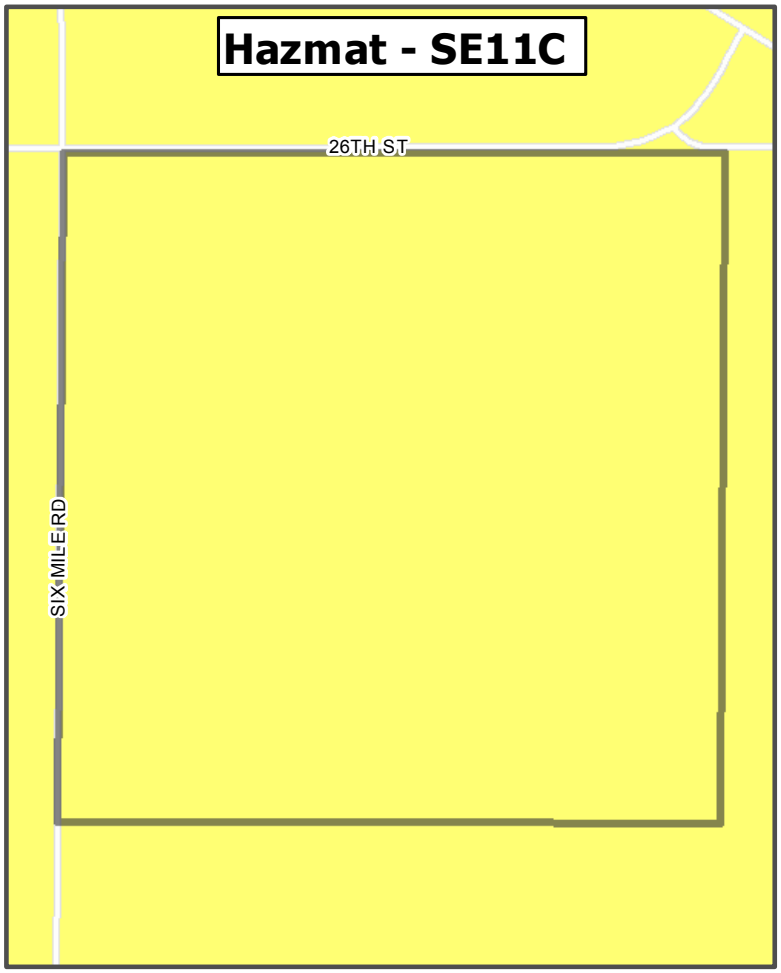
1 percent Annual Chance

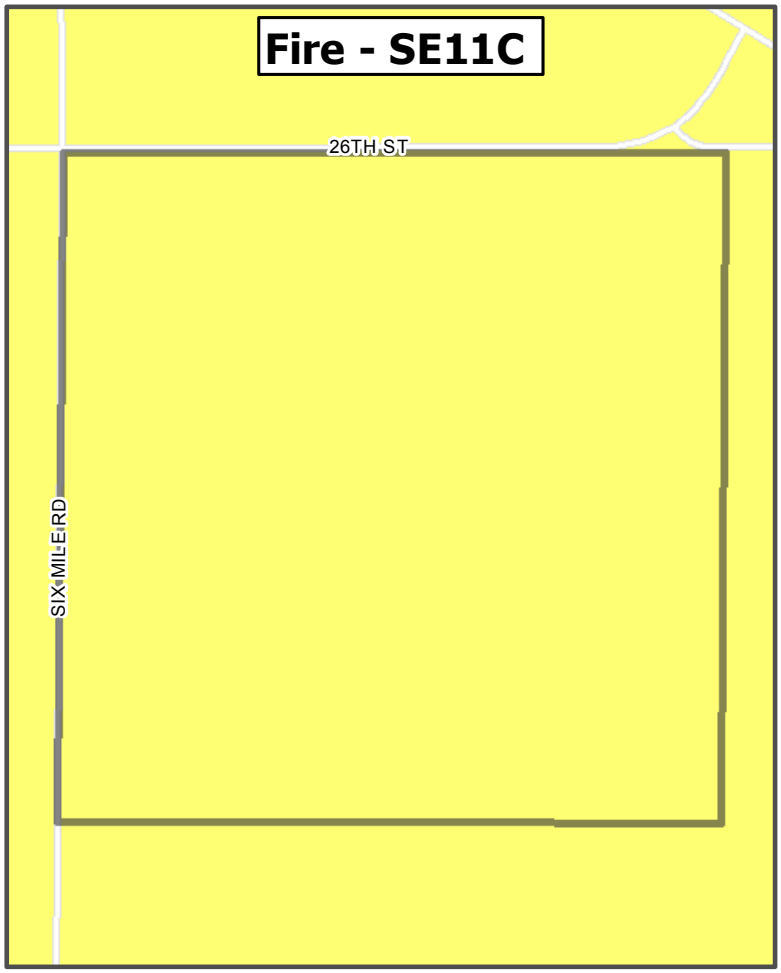







Low | Moderate | High | Special

1 inch = 756 feet

# SE11D

Fire

Rescue

HazMat

EMS

SUB Substation

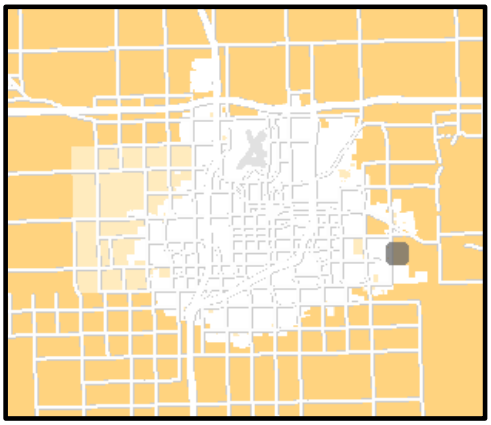
Transmission Line

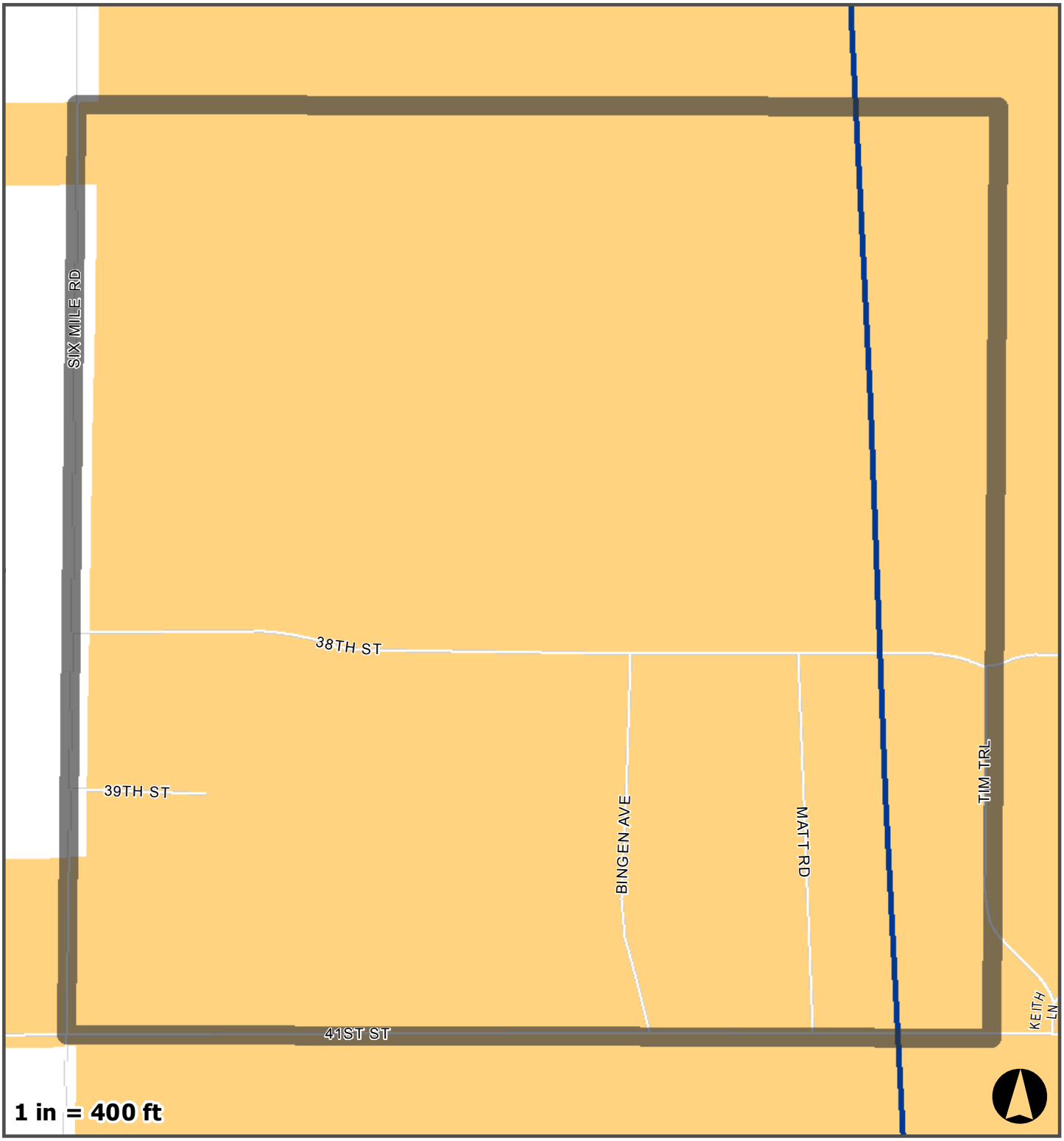
Major Gas Line

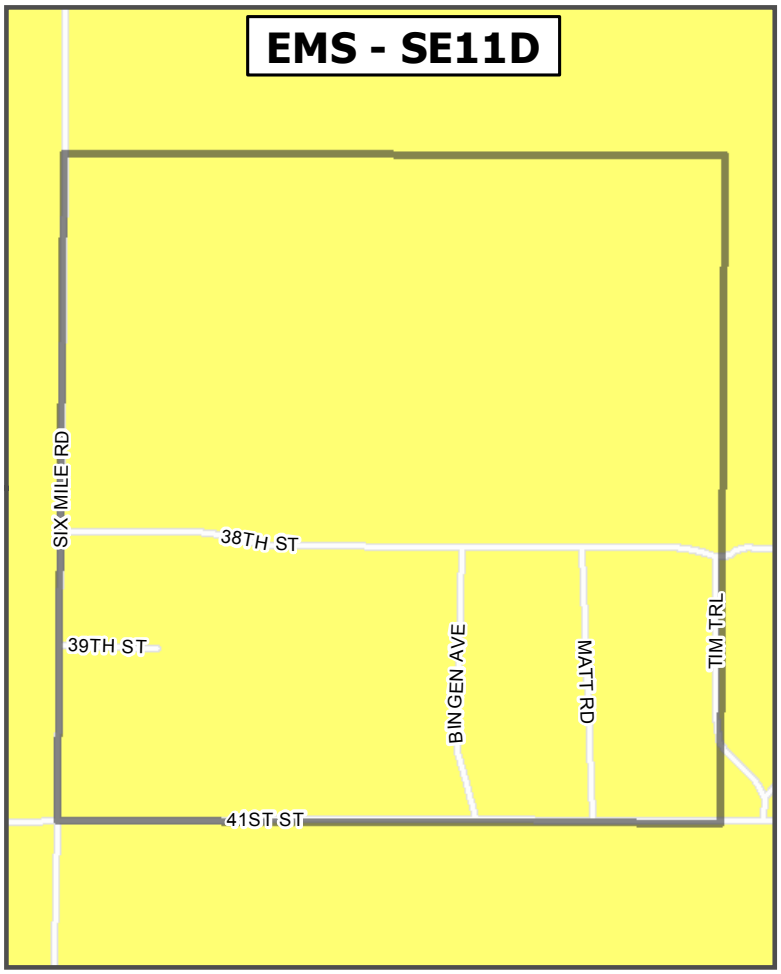
Floodplain

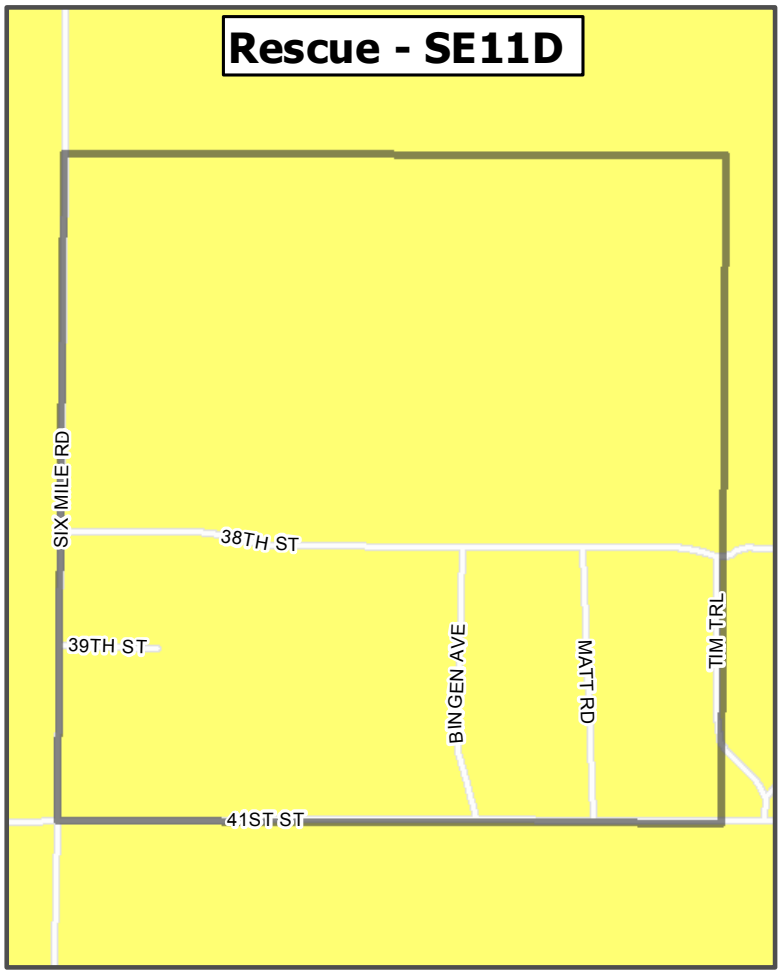
0.2 percent Annual Chance

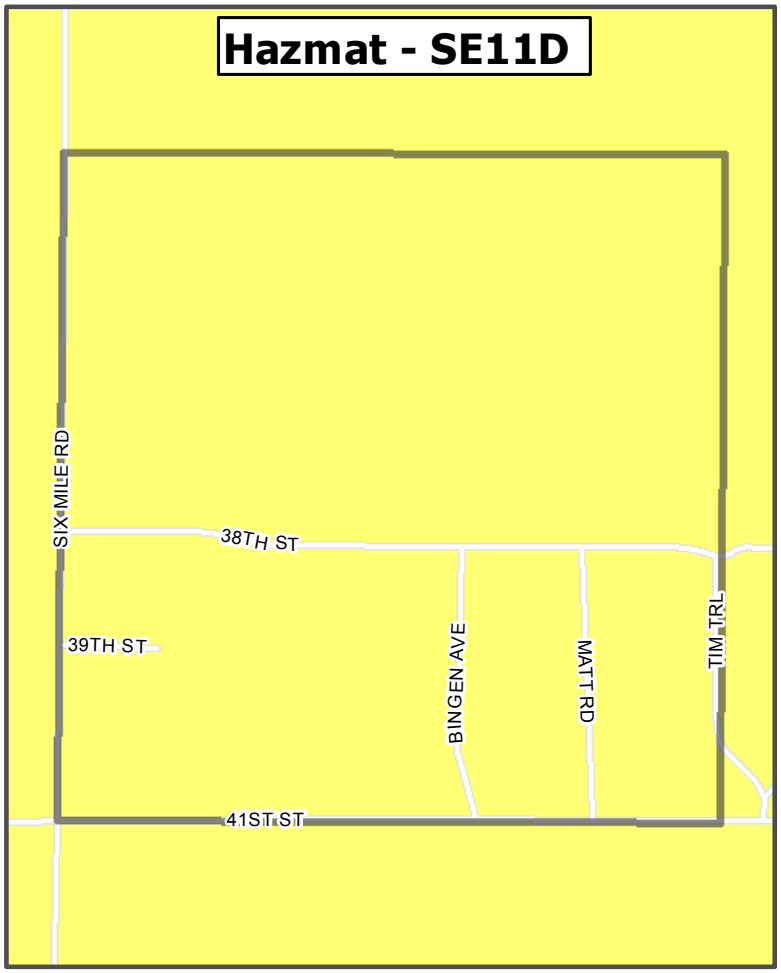
1 percent Annual Chance







Low | Moderate | High | Special

1 inch = 757 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 11E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE11E

Fire

Rescue

HazMat

EMS

SUB Substation

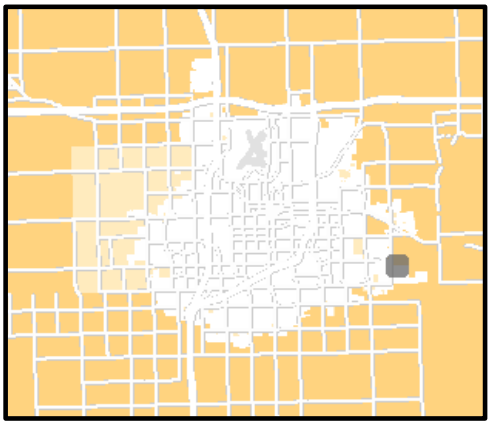
Transmission Line

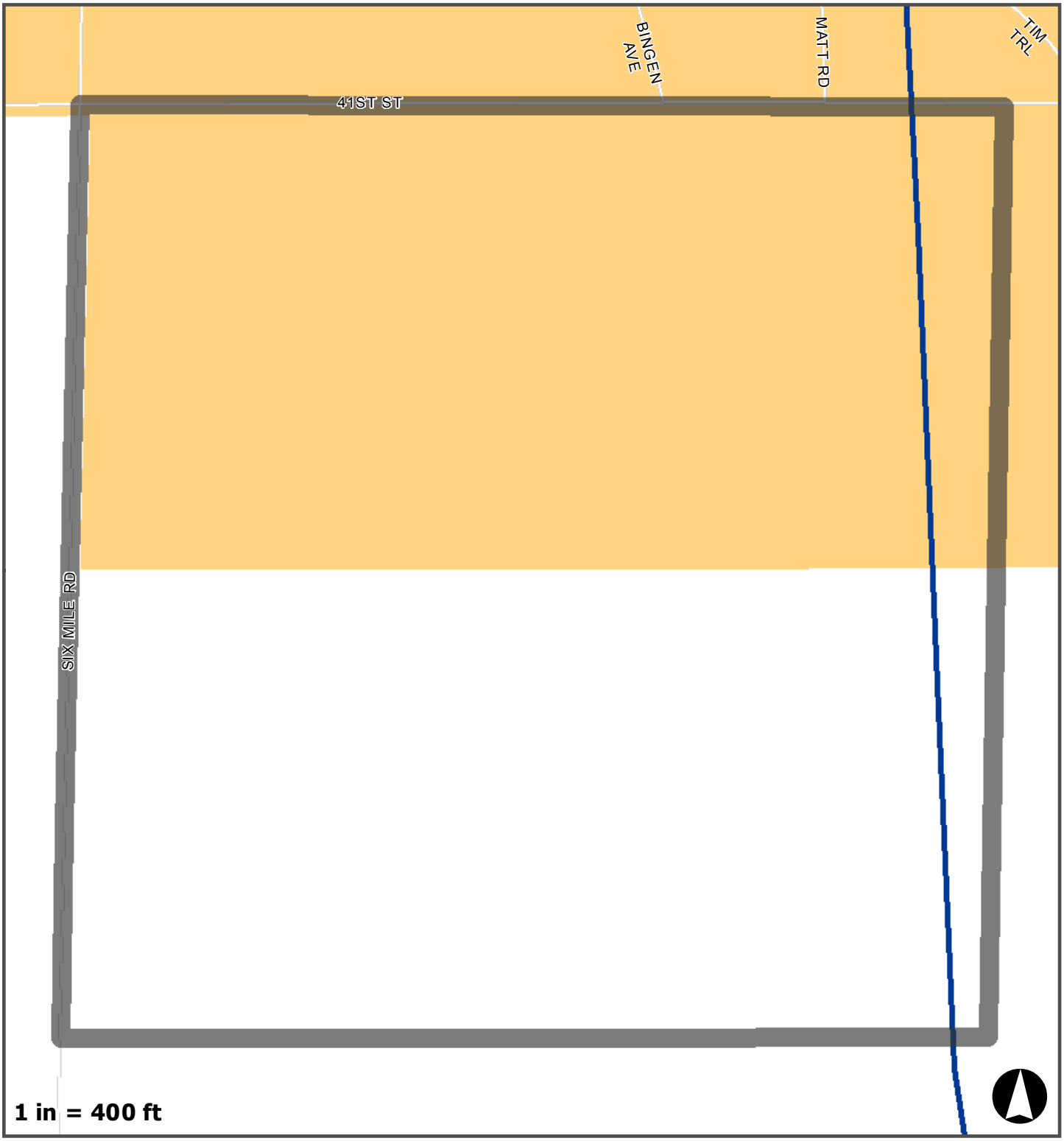
Major Gas Line

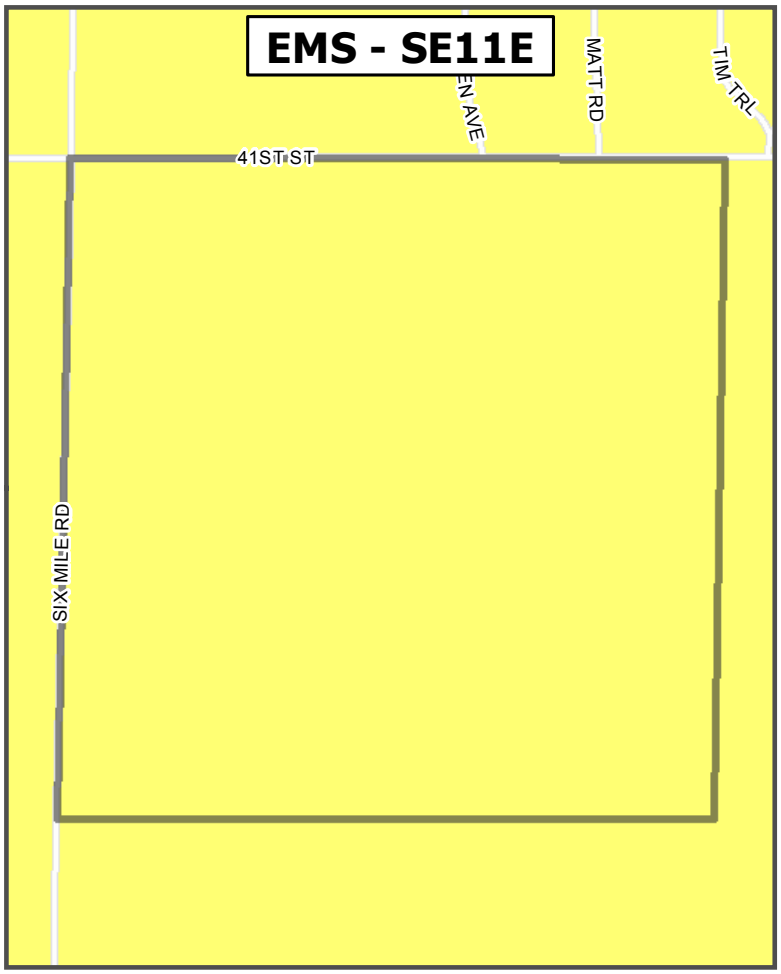
Floodplain

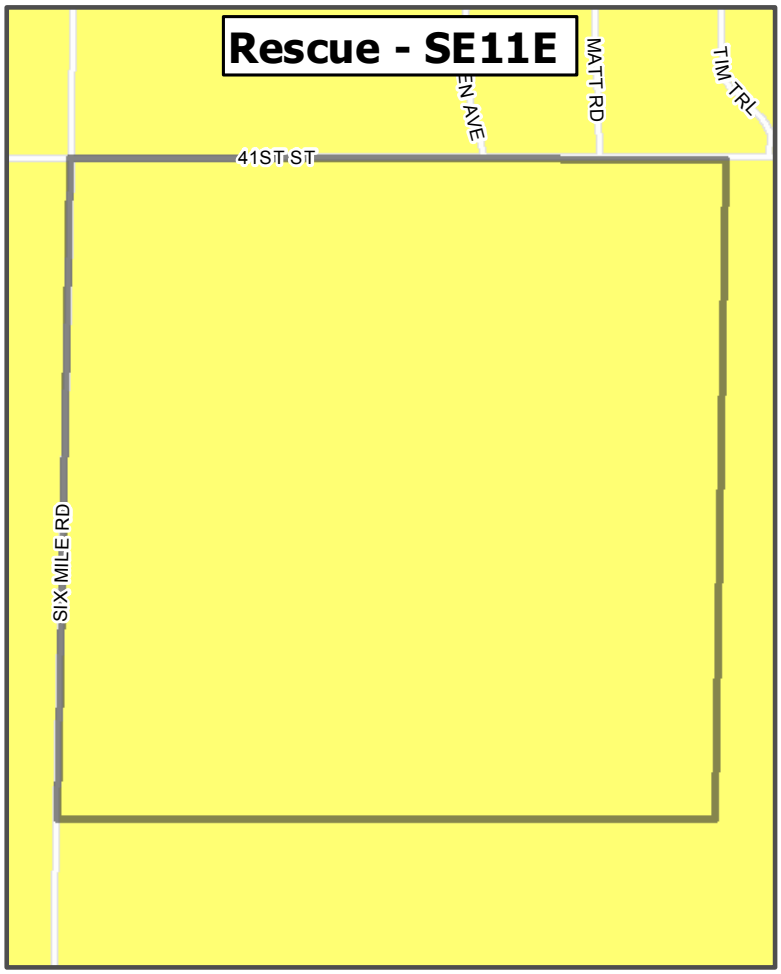
0.2 percent Annual Chance

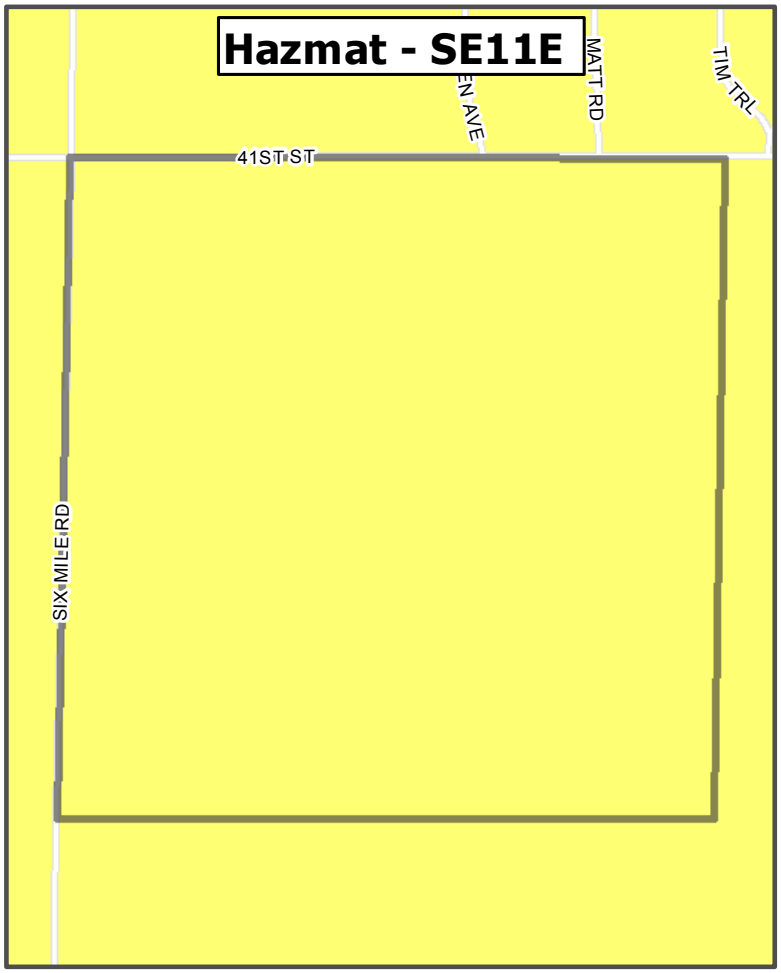
1 percent Annual Chance

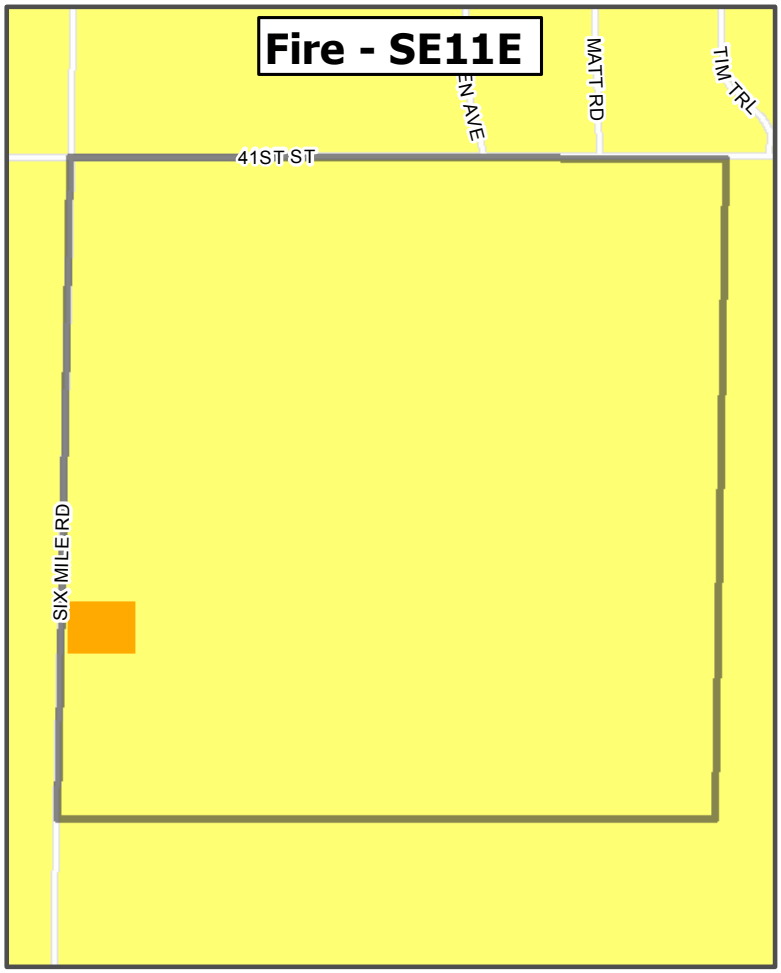







Low | Moderate | High | Special

1 inch = 767 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 11F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE11F

Fire

Rescue

HazMat

EMS

SUB Substation

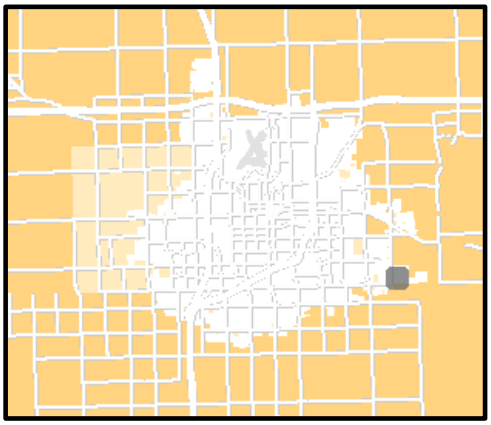
Transmission Line

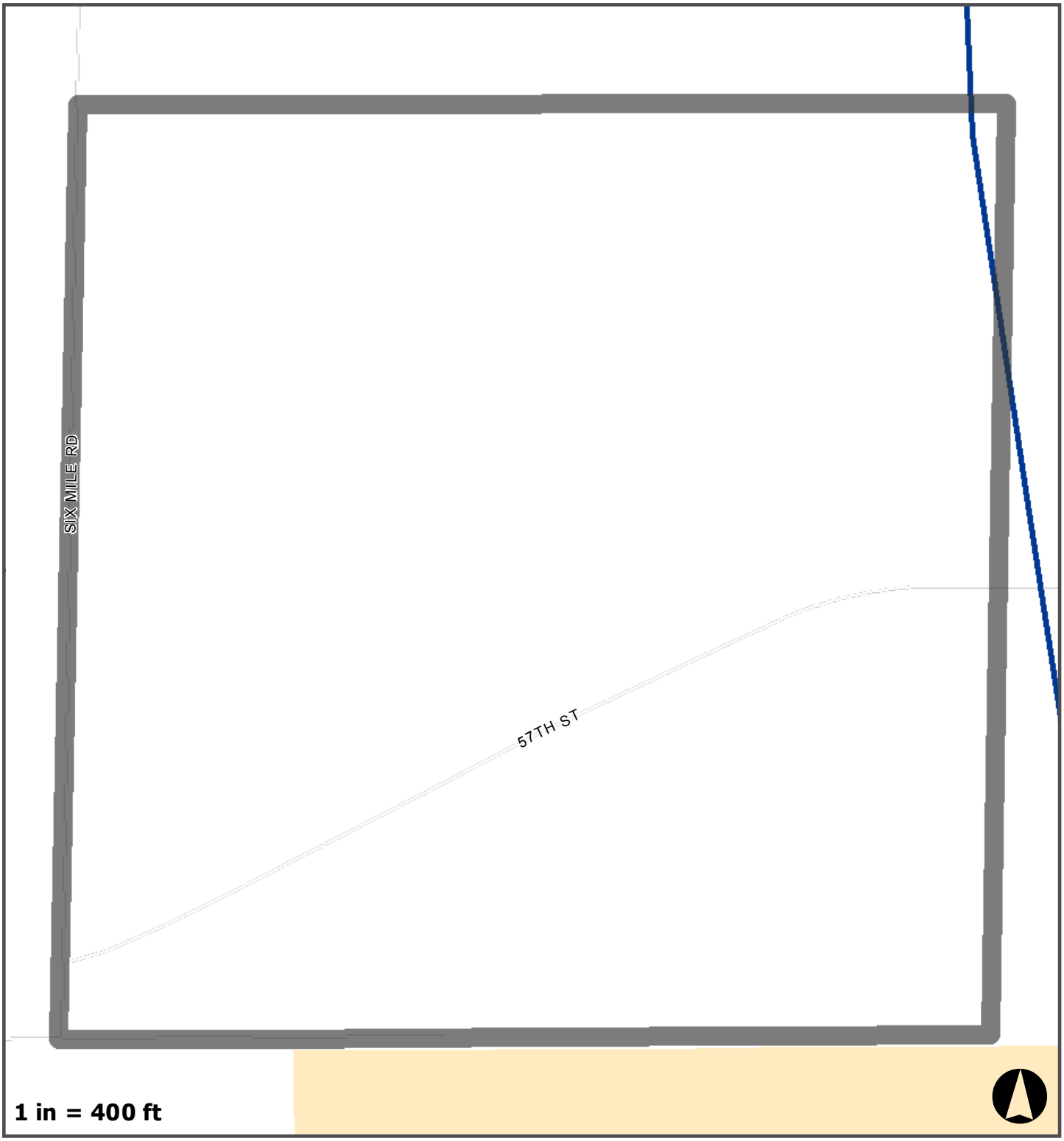
Major Gas Line

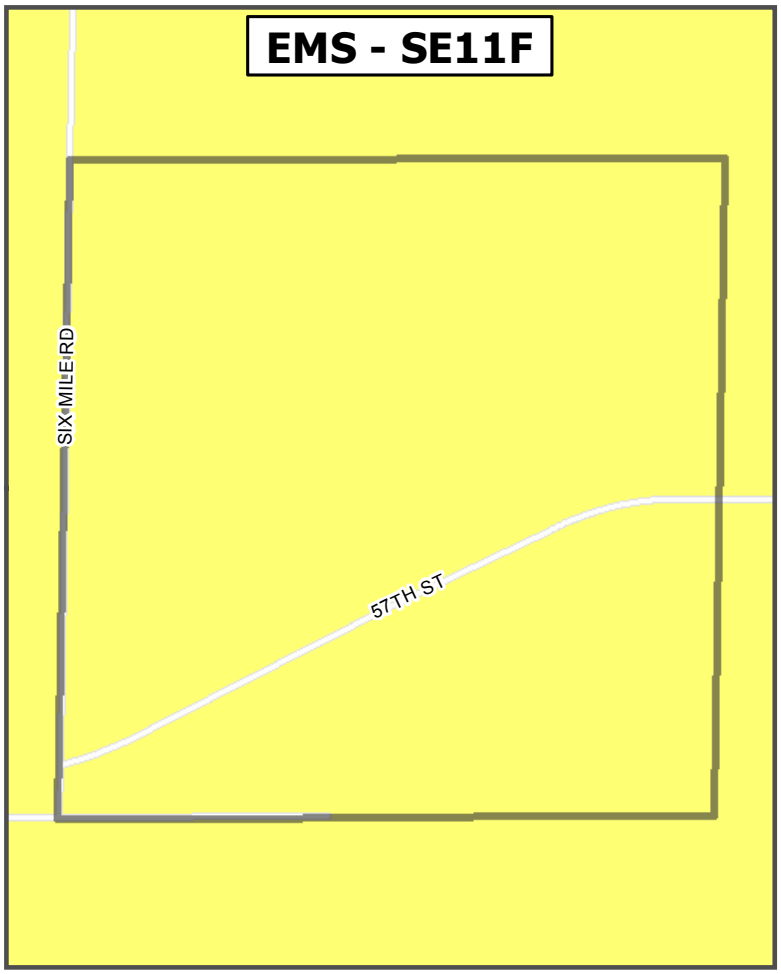
Floodplain

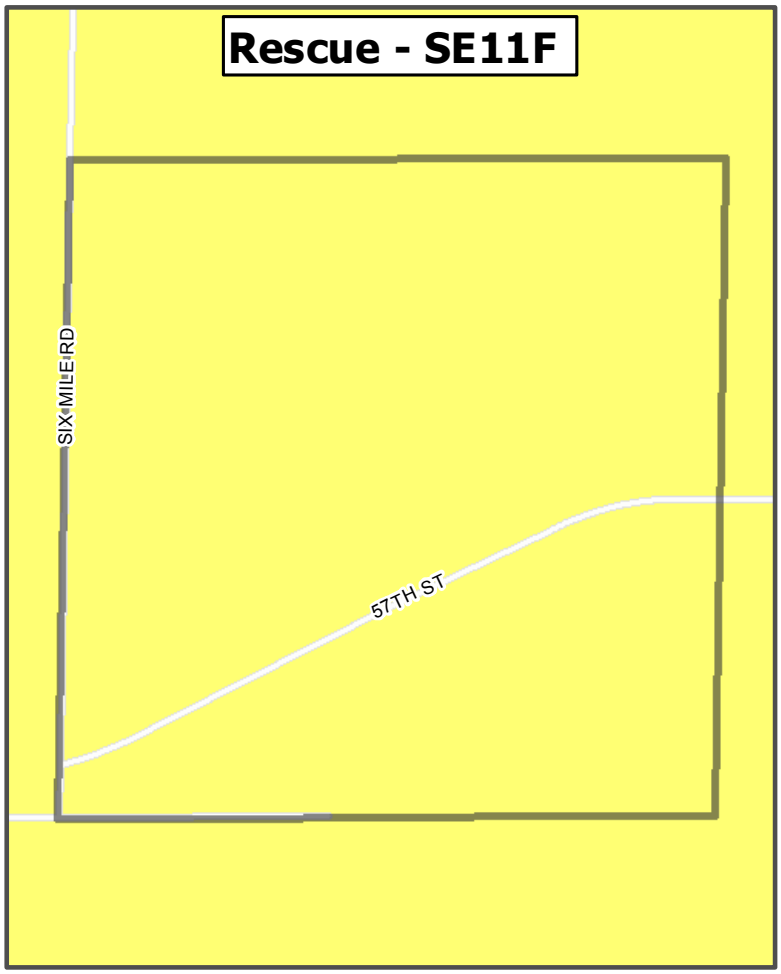
0.2 percent Annual Chance

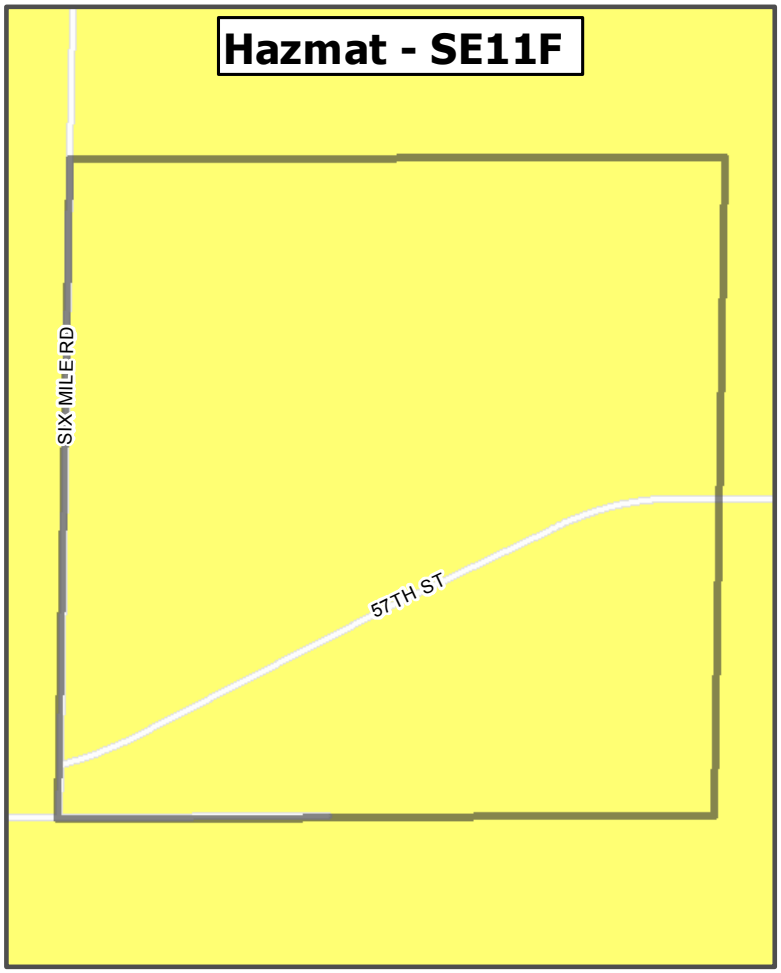
1 percent Annual Chance

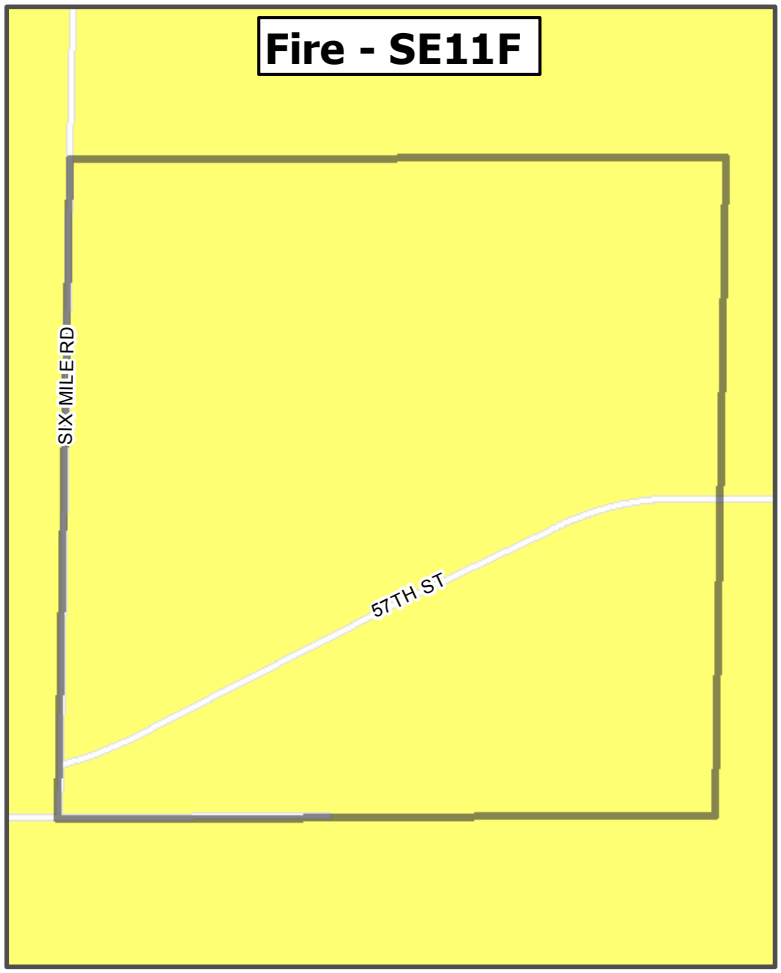







Low | Moderate | High | Special

1 inch = 770 feet

# SE11G

Fire

Rescue

HazMat

EMS

SUB Substation

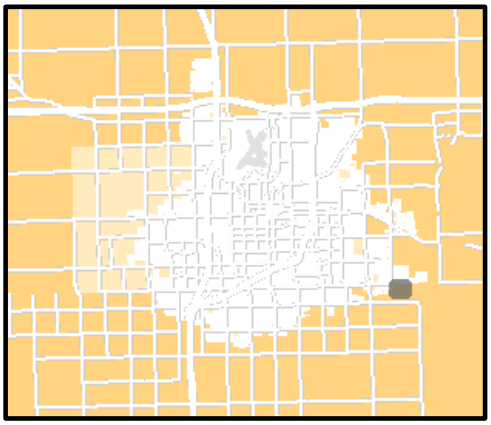
Transmission Line

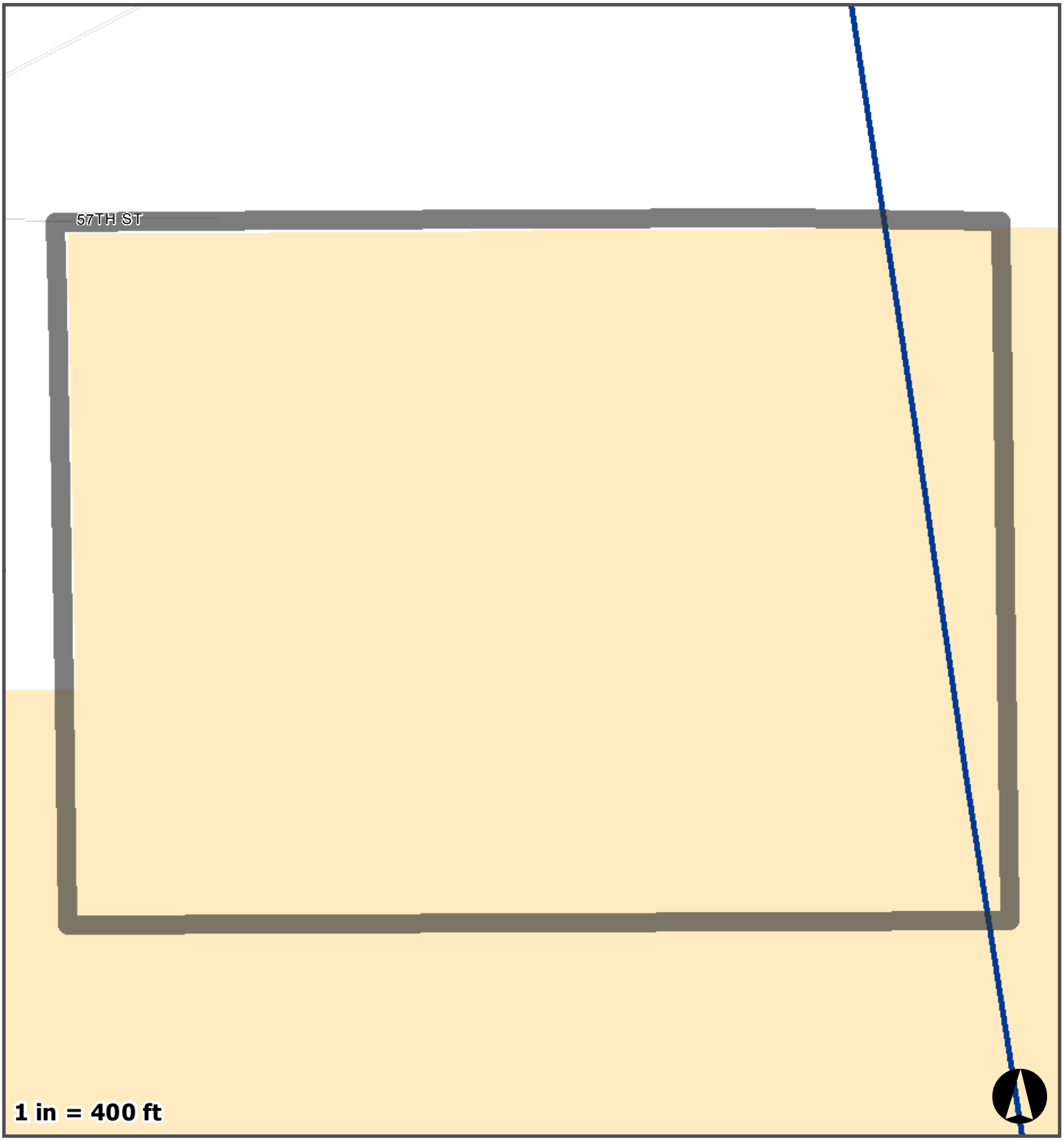
Major Gas Line

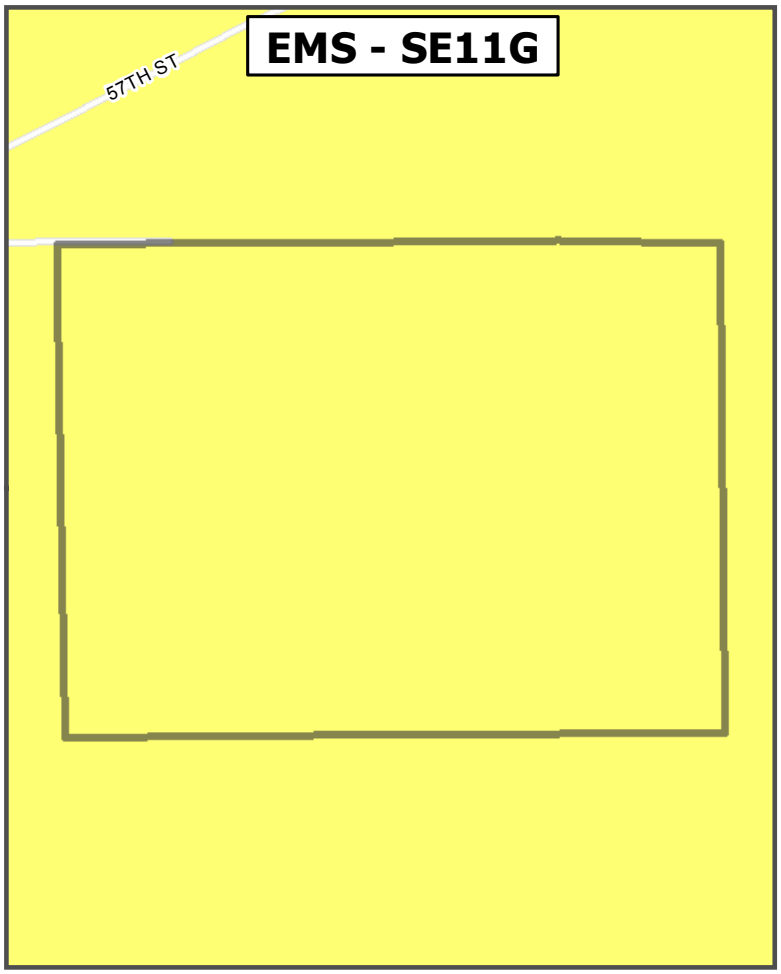
Floodplain

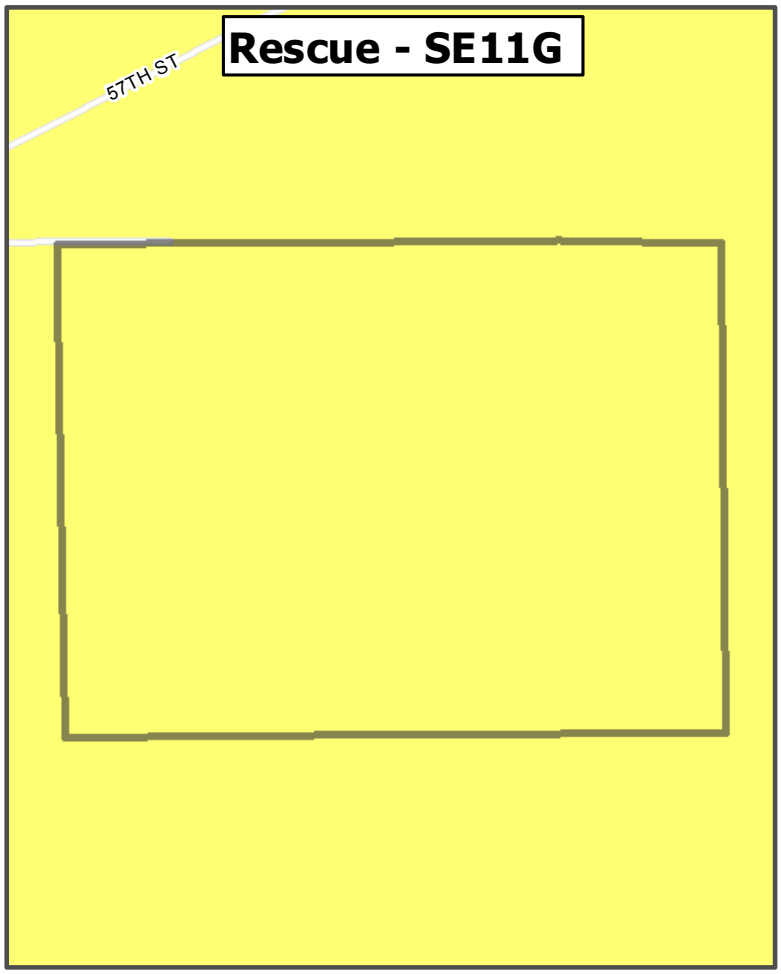
0.2 percent Annual Chance

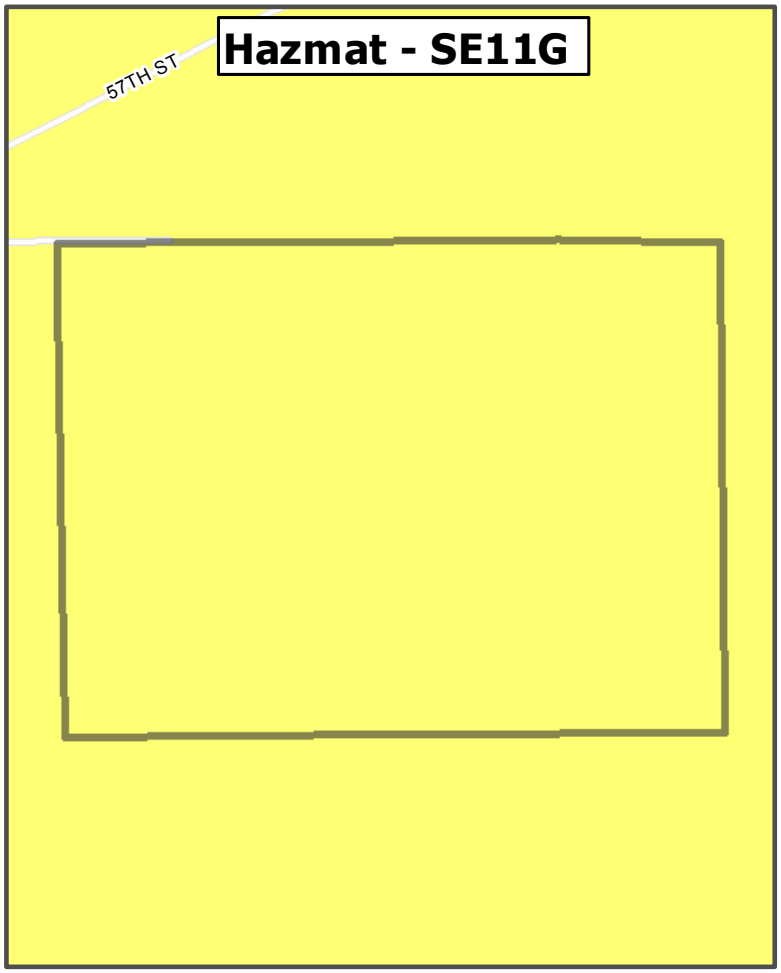
1 percent Annual Chance

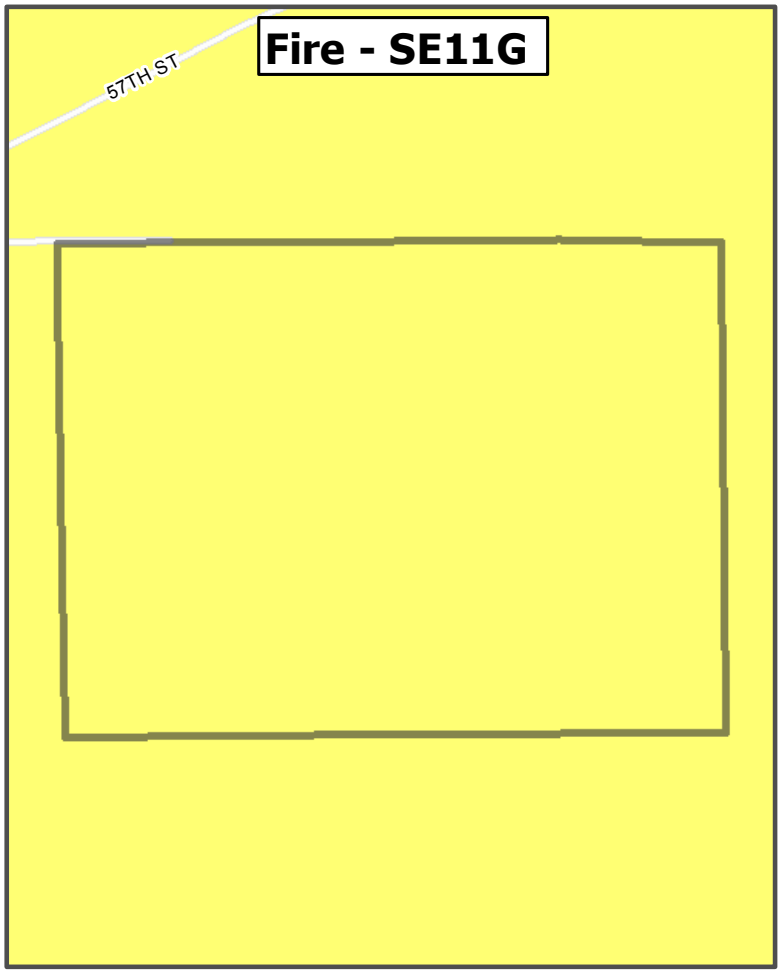







Low | Moderate | High | Special

1 inch = 775 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 12A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 5% of this quadrant lies in the flood plain | | |

# SE12A

Fire

Rescue

HazMat

EMS

SUB Substation

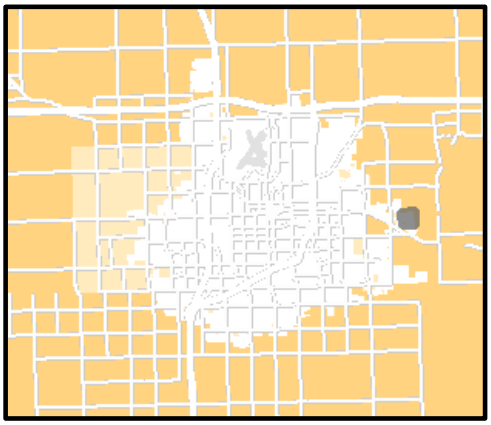
Transmission Line

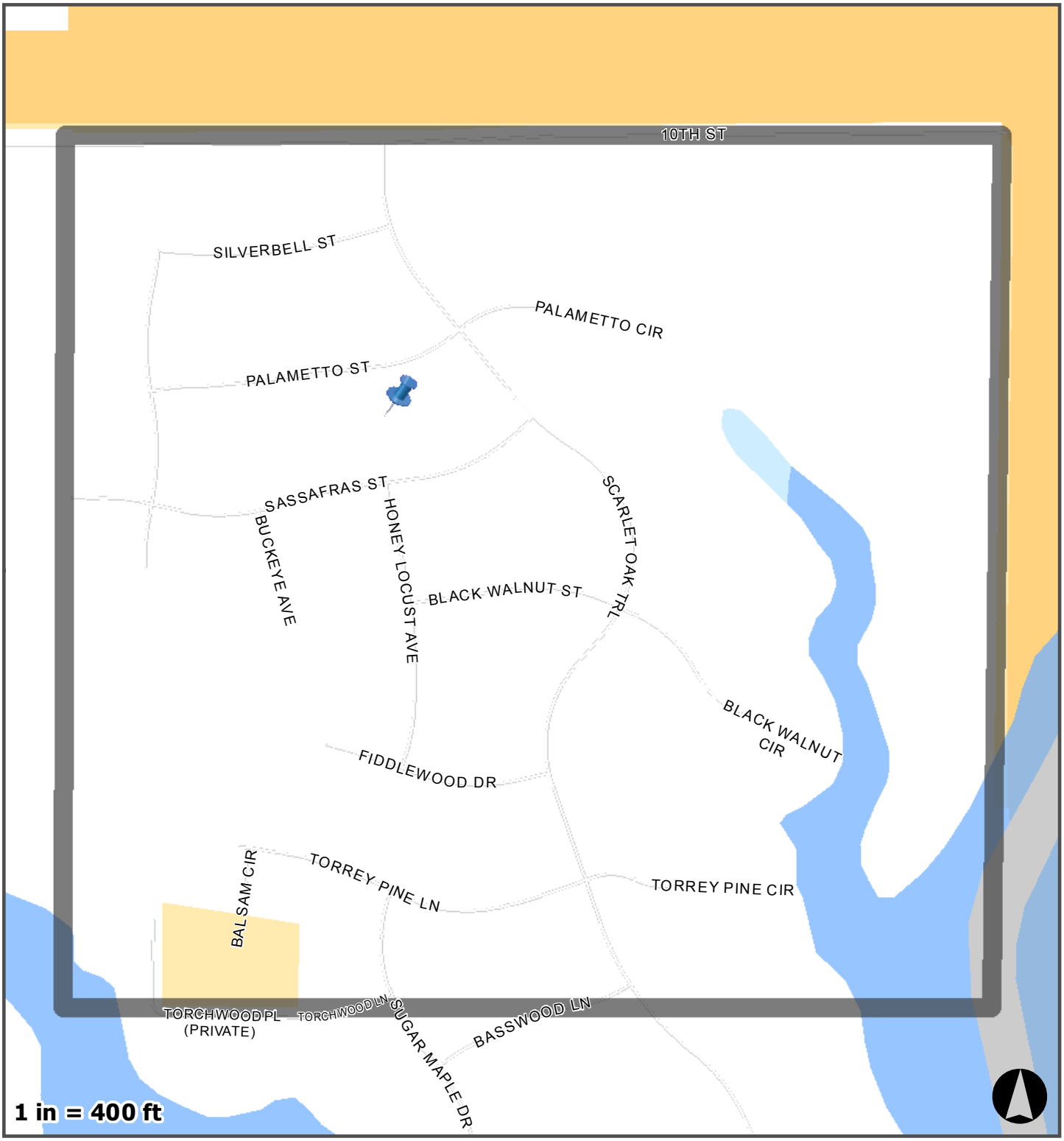
Major Gas Line

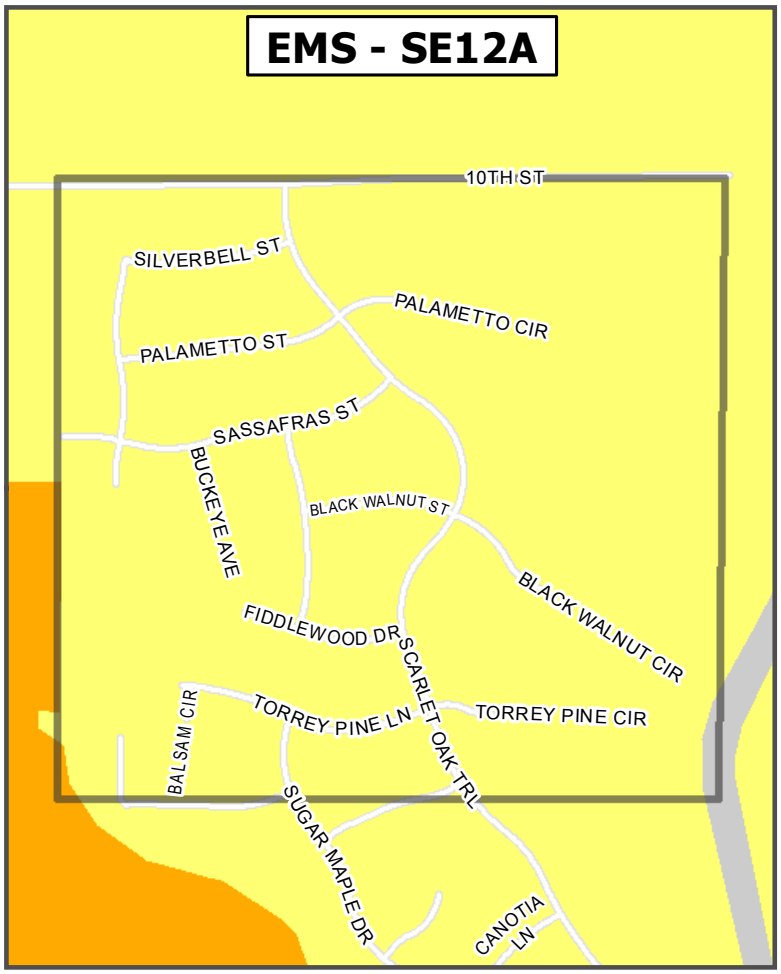
Floodplain

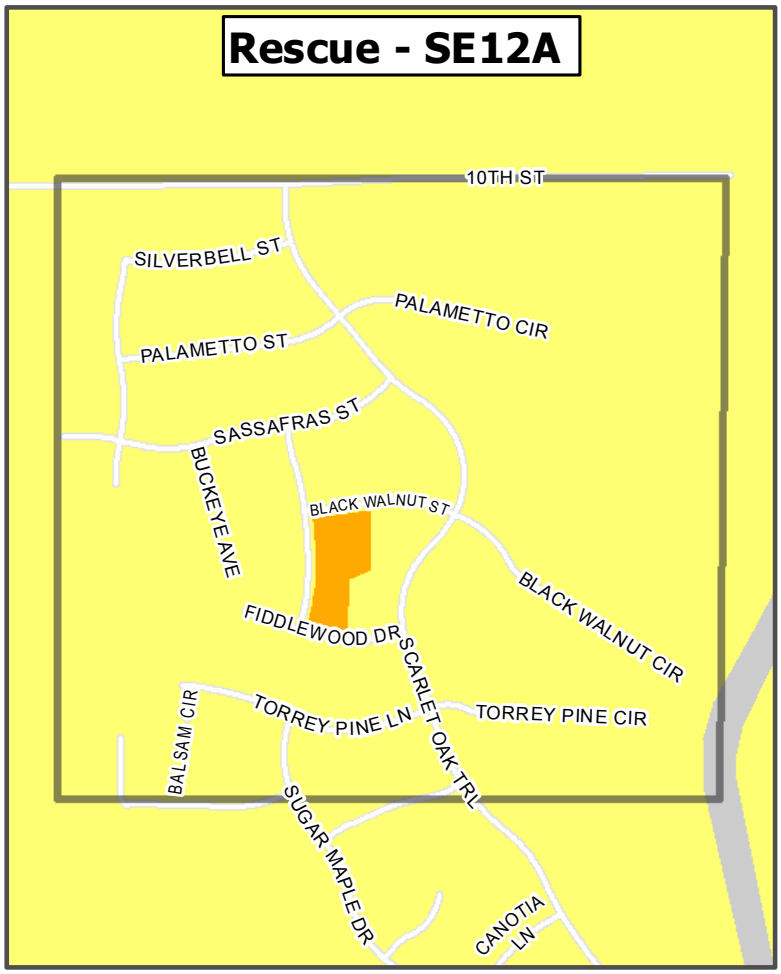
0.2 percent Annual Chance

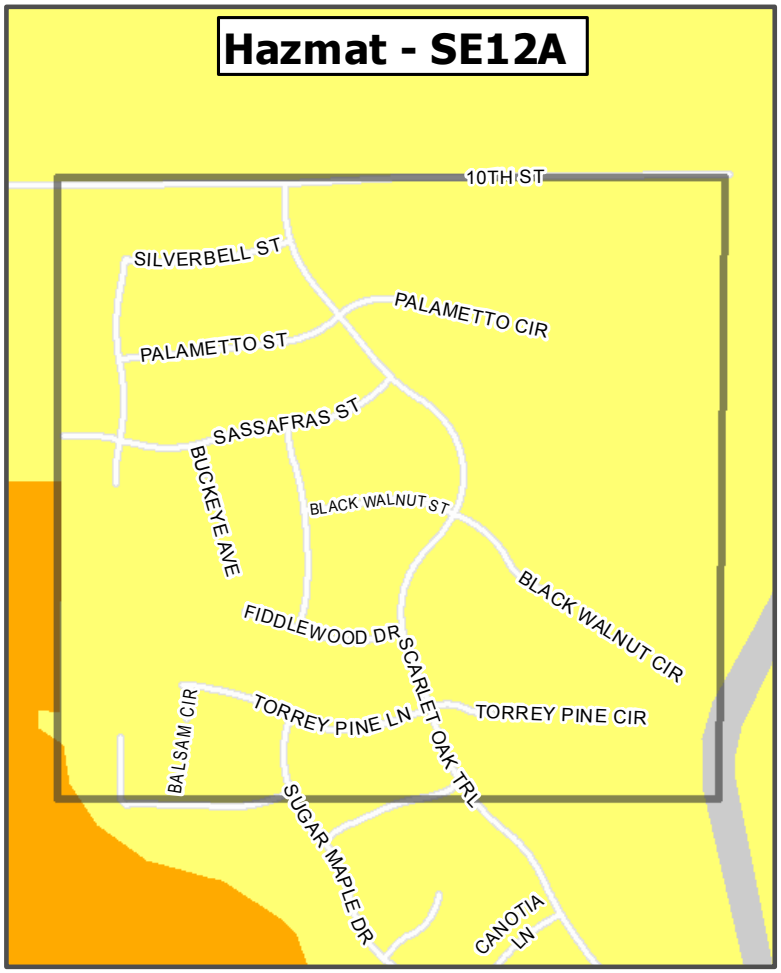
1 percent Annual Chance

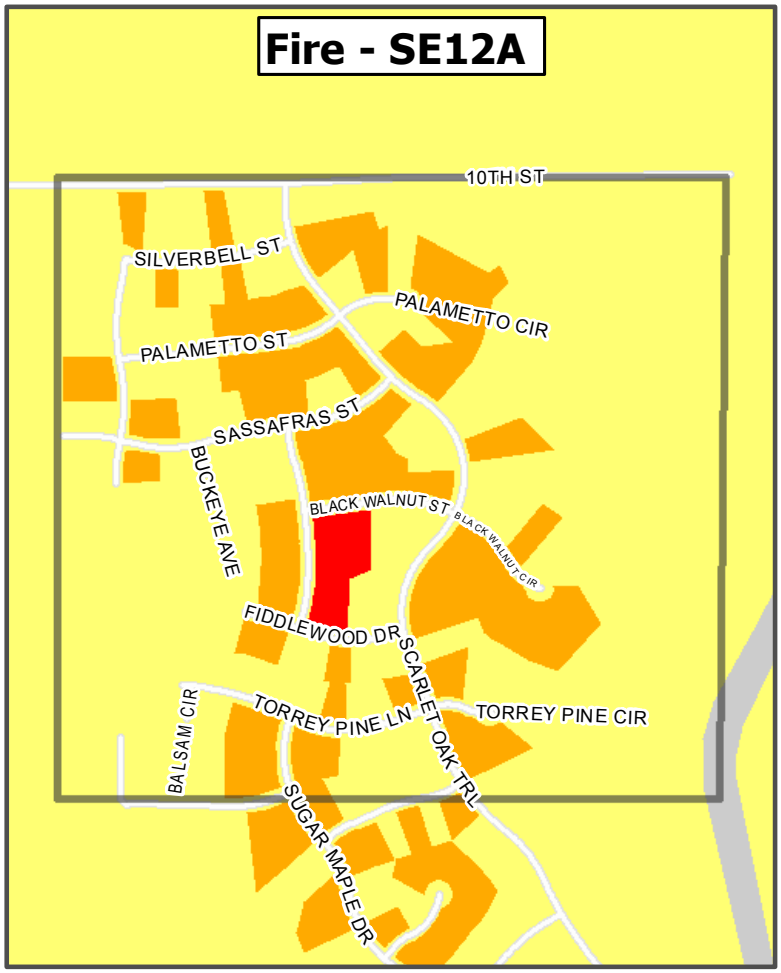







Low | Moderate | High | Special

1 inch = 763 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 12B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 20% of this quadrant lies in the flood plain | | |

# SE12B

Fire

Rescue

HazMat

EMS

SUB Substation

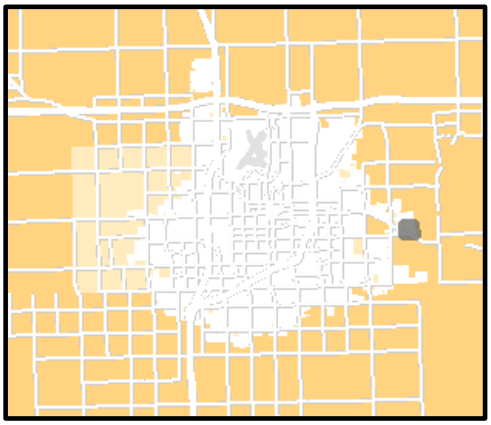
Transmission Line

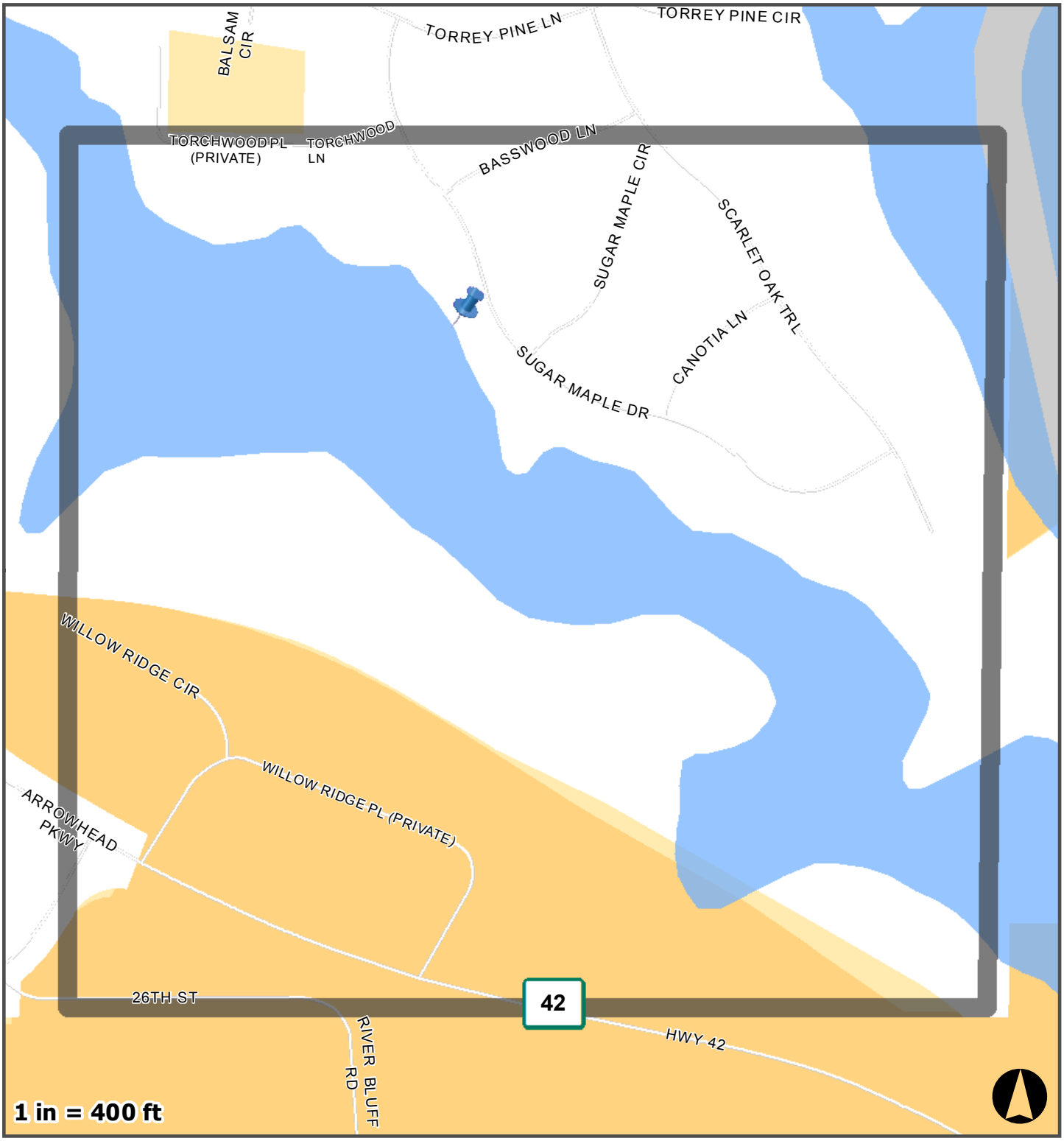
Major Gas Line

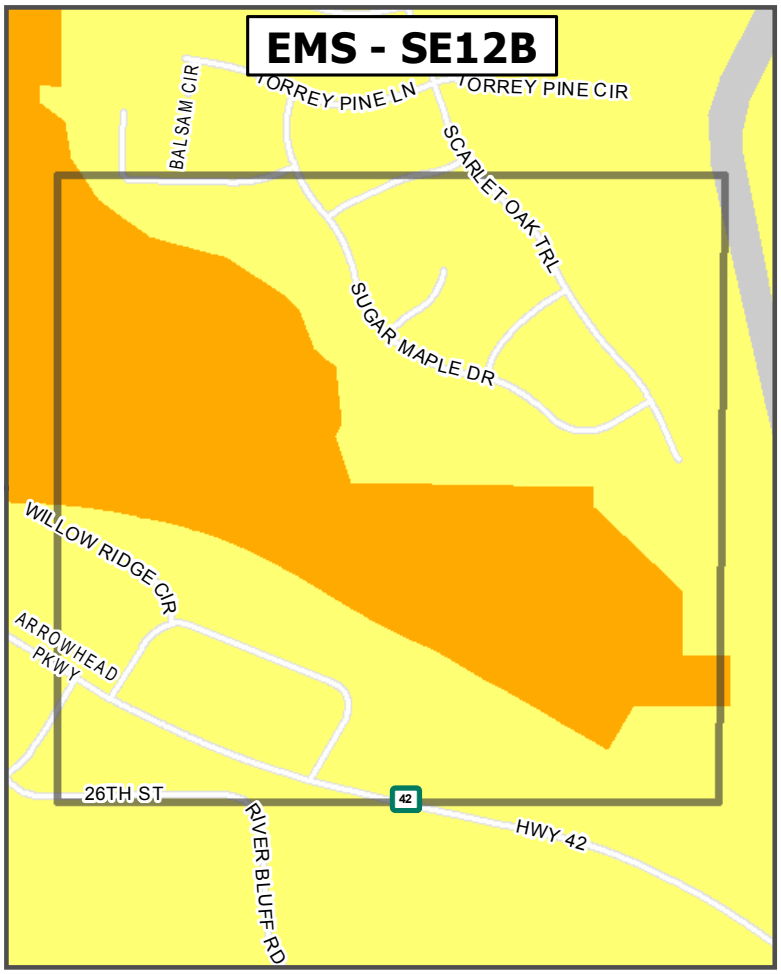
Floodplain

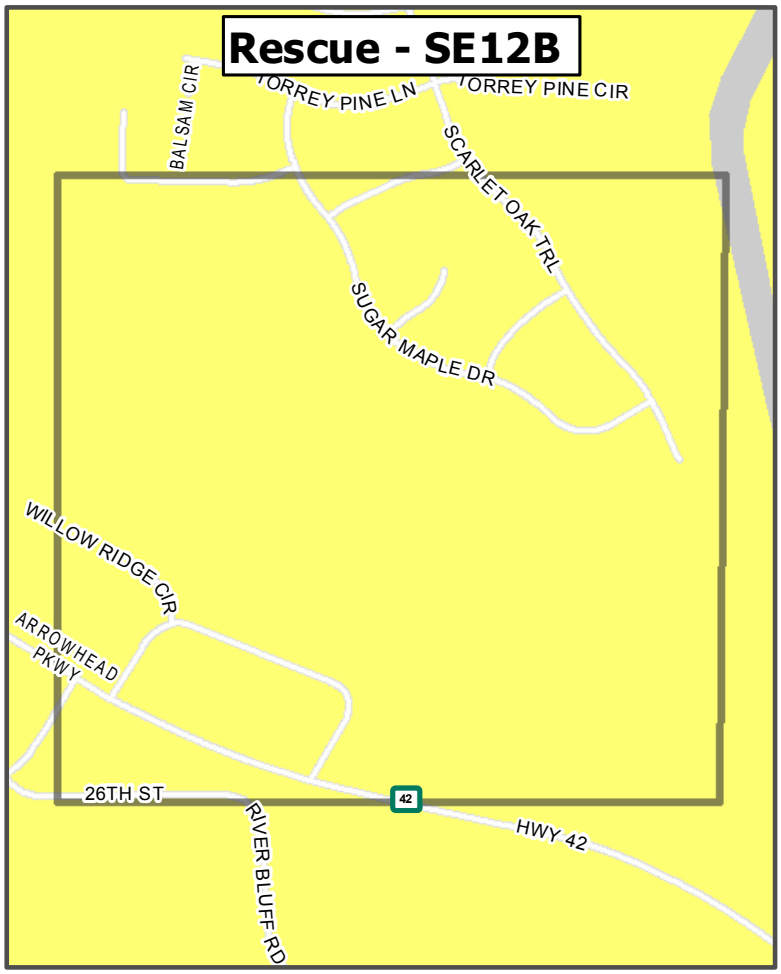
0.2 percent Annual Chance

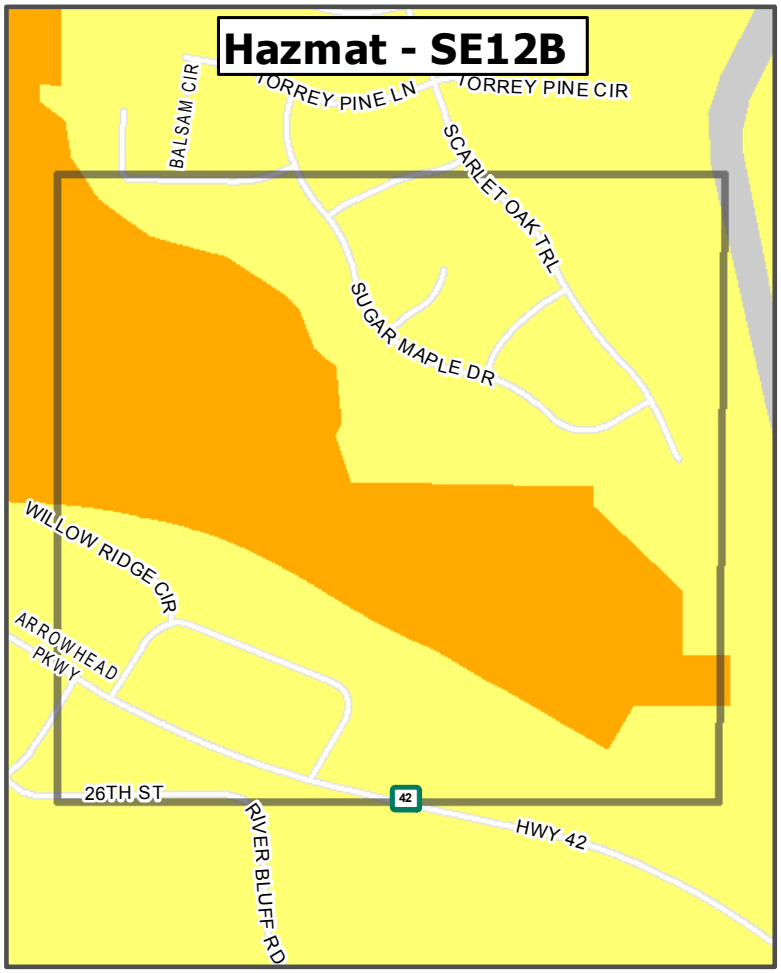
1 percent Annual Chance

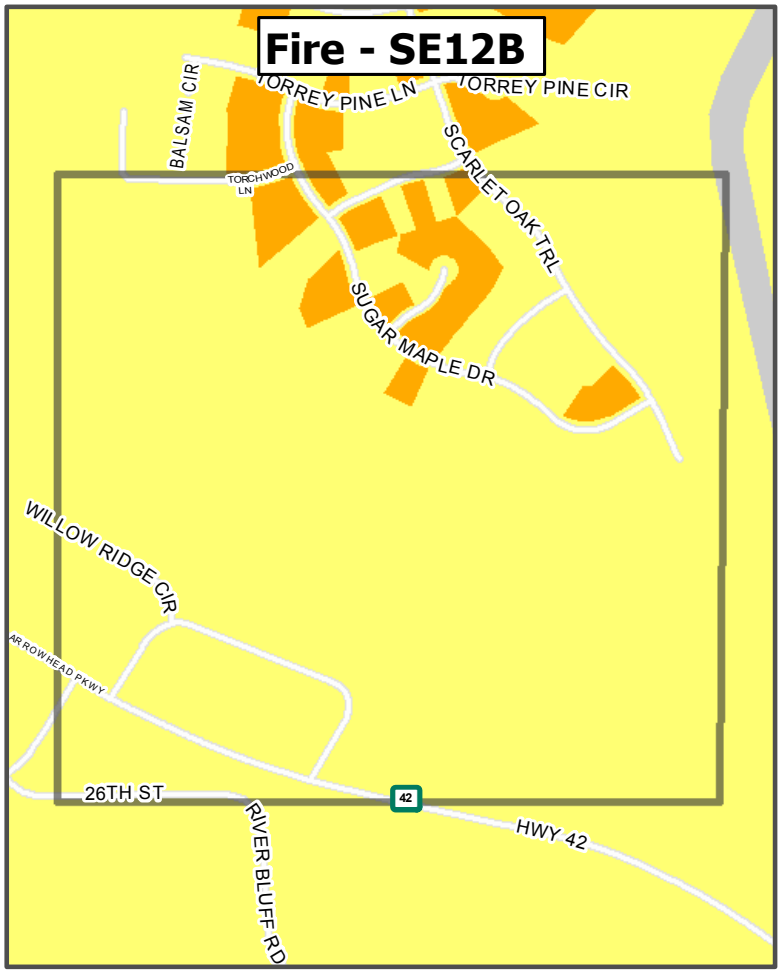







Low | Moderate | High | Special

1 inch = 756 feet

# SE12C

Fire

Rescue

HazMat

EMS

SUB Substation

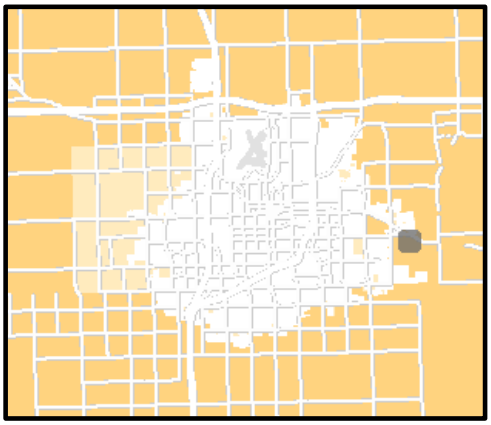
Transmission Line

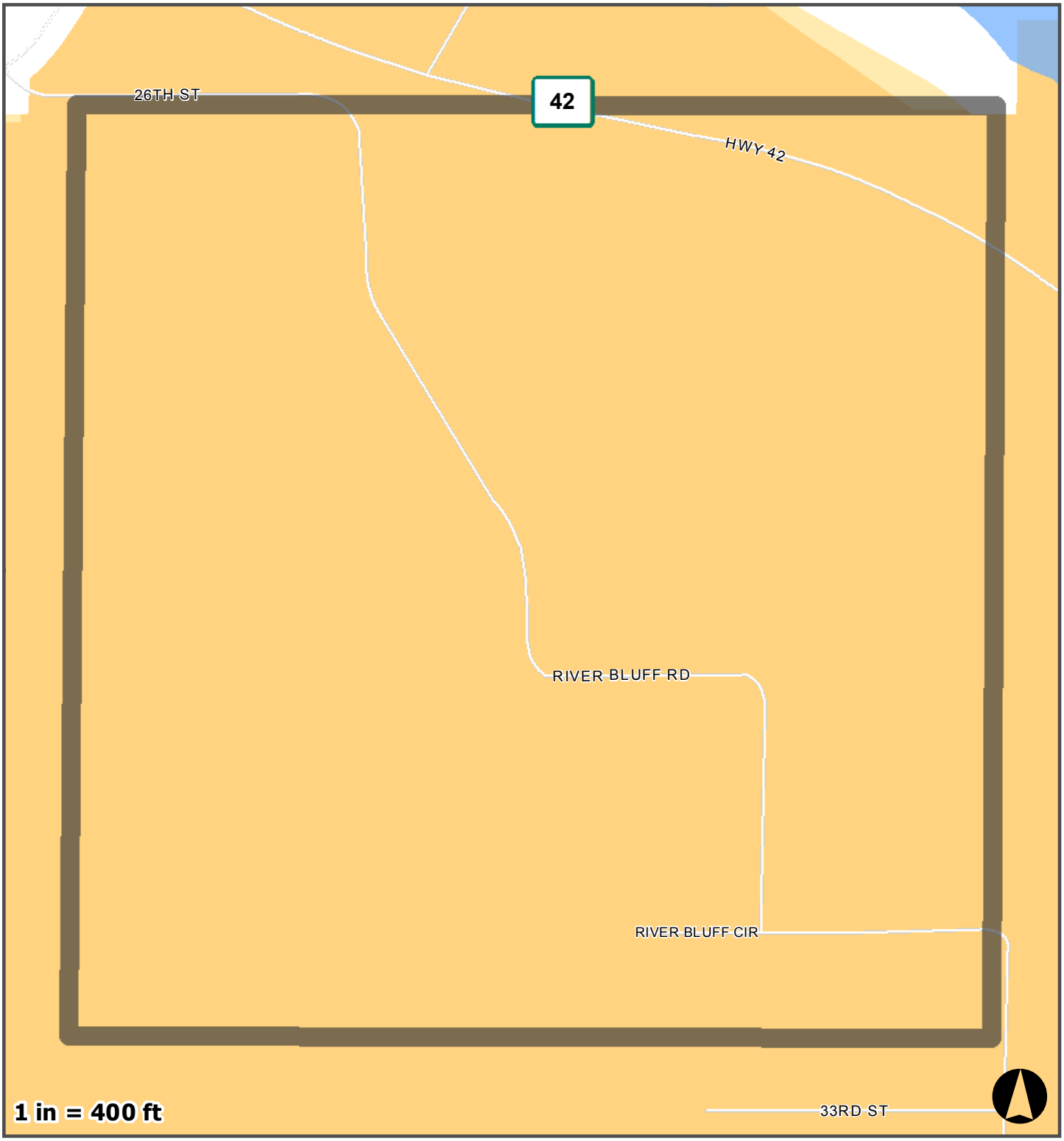
Major Gas Line

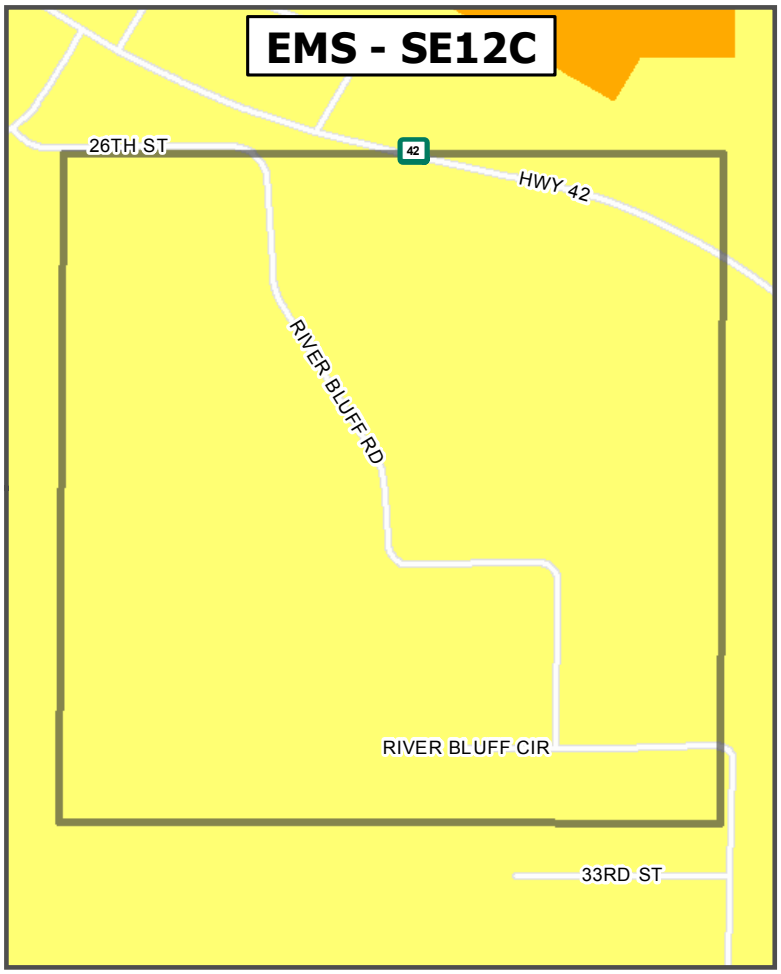
Floodplain

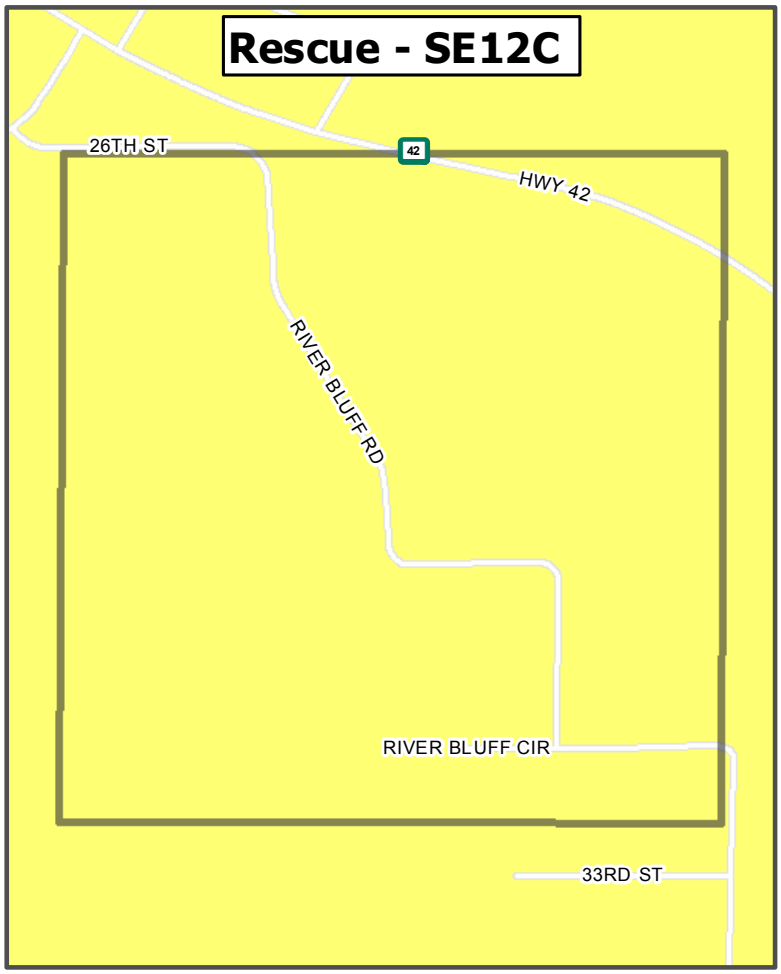
0.2 percent Annual Chance

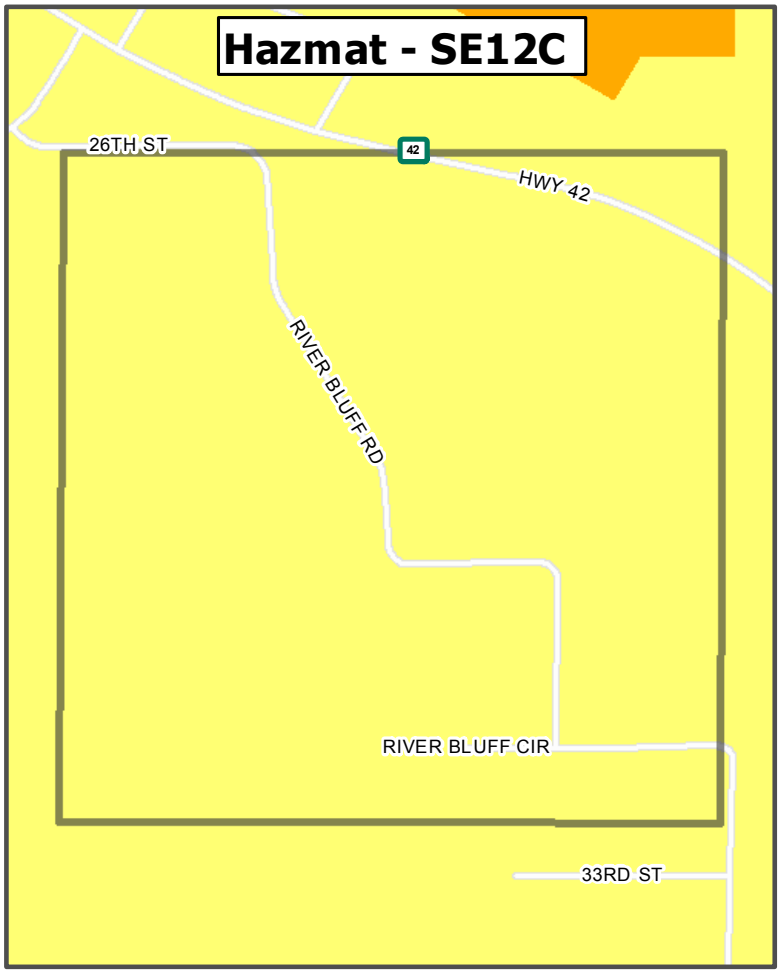
1 percent Annual Chance







Low | Moderate | High | Special

1 inch = 757 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 12E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE12E

Fire

Rescue

HazMat

EMS

SUB Substation

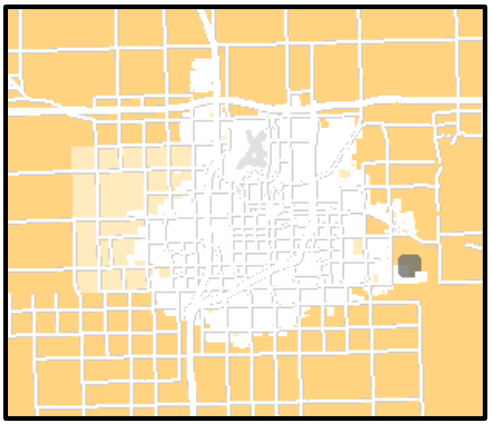
Transmission Line

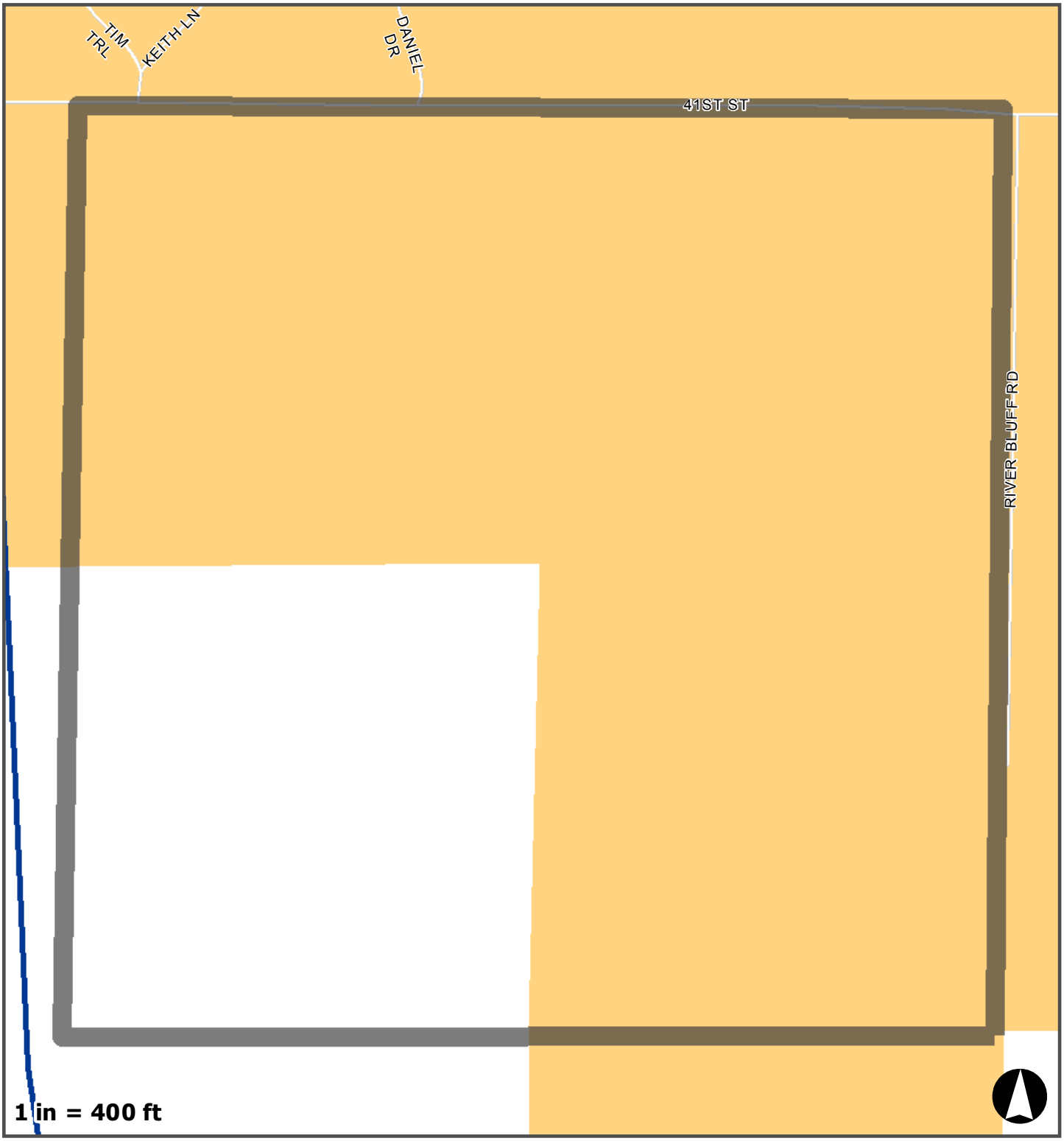
Major Gas Line

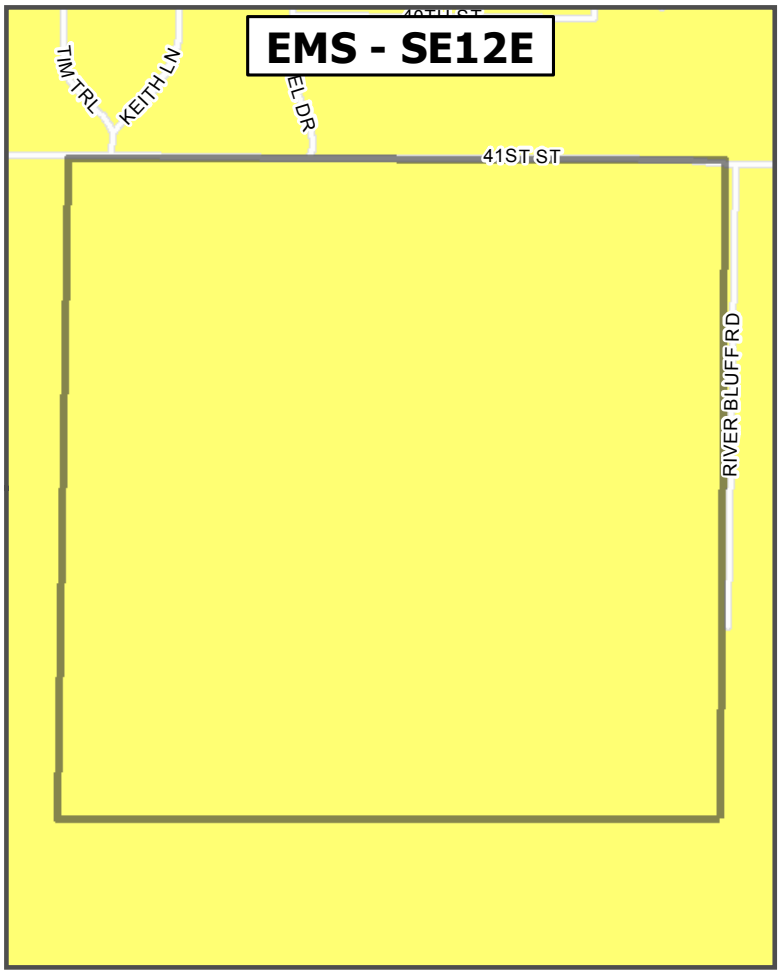
Floodplain

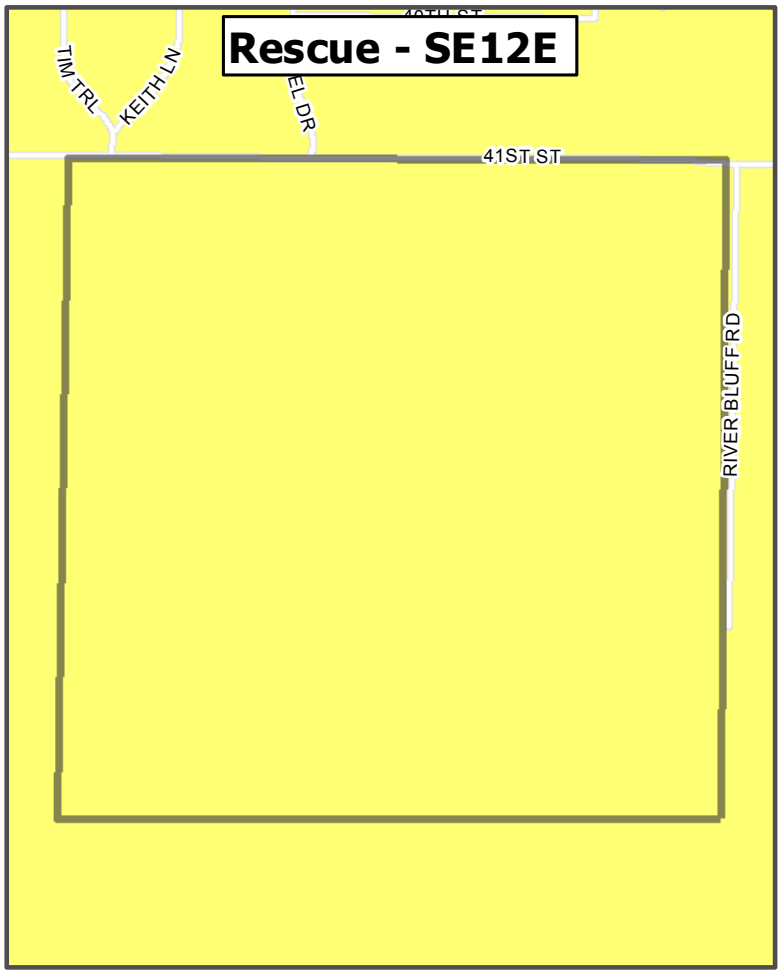
0.2 percent Annual Chance

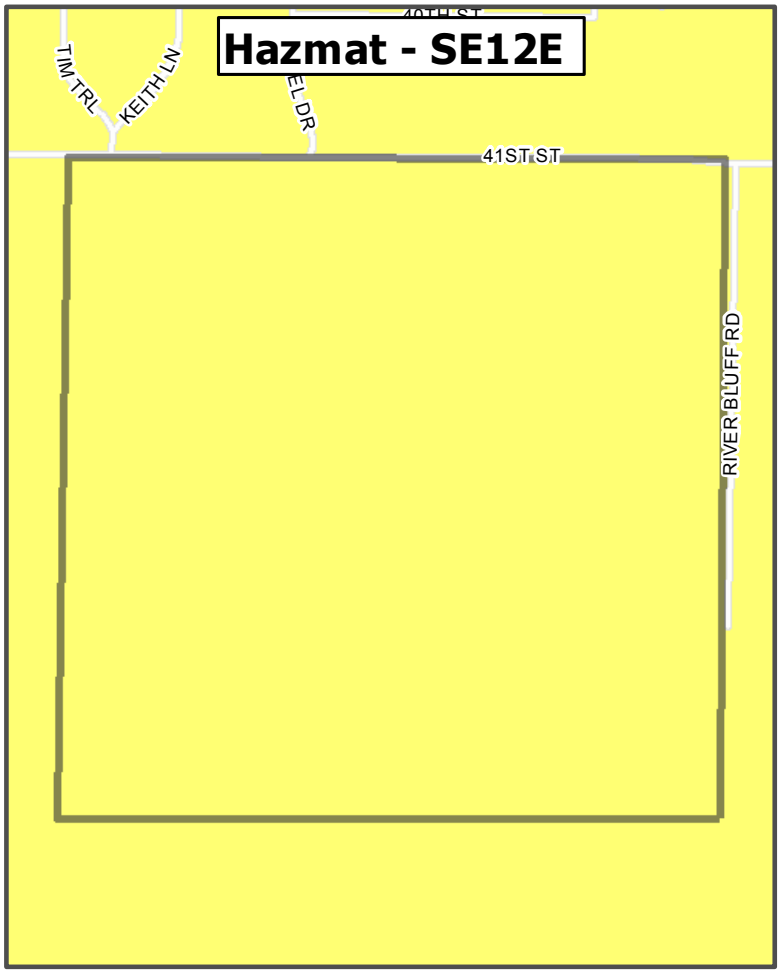
1 percent Annual Chance

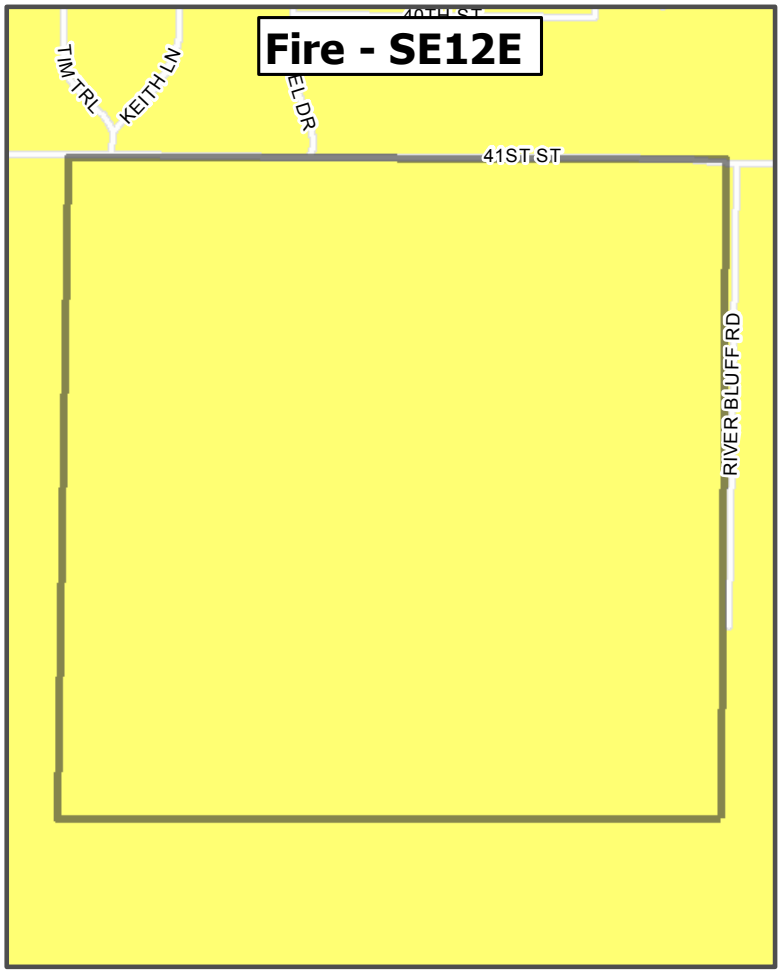







Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 12F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE12F

Fire

Rescue

HazMat

EMS

SUB Substation

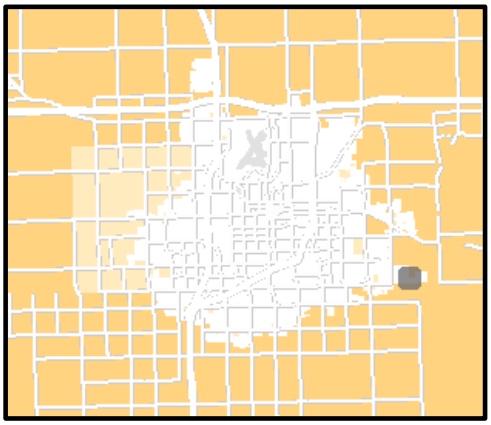
Transmission Line

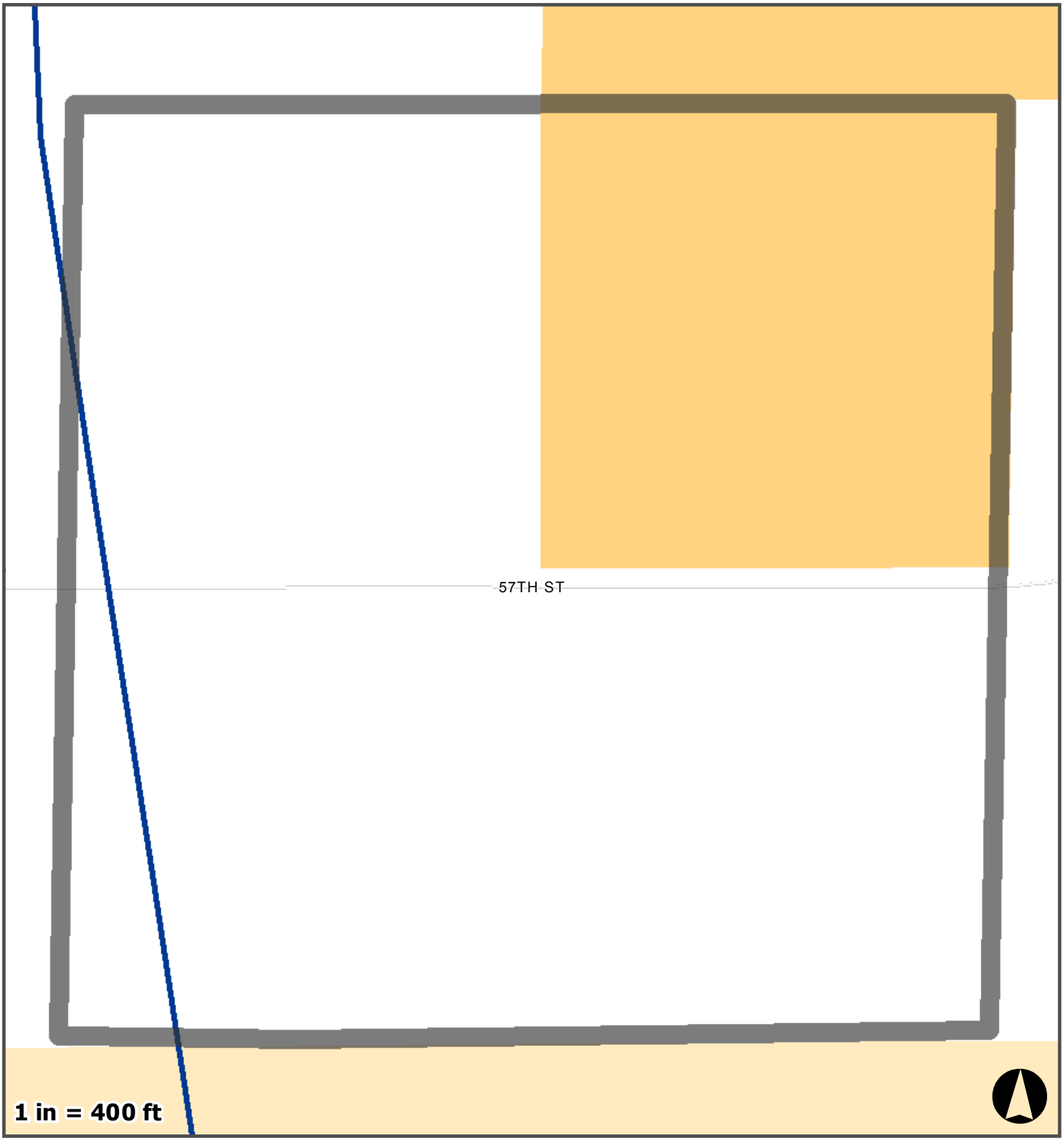
Major Gas Line

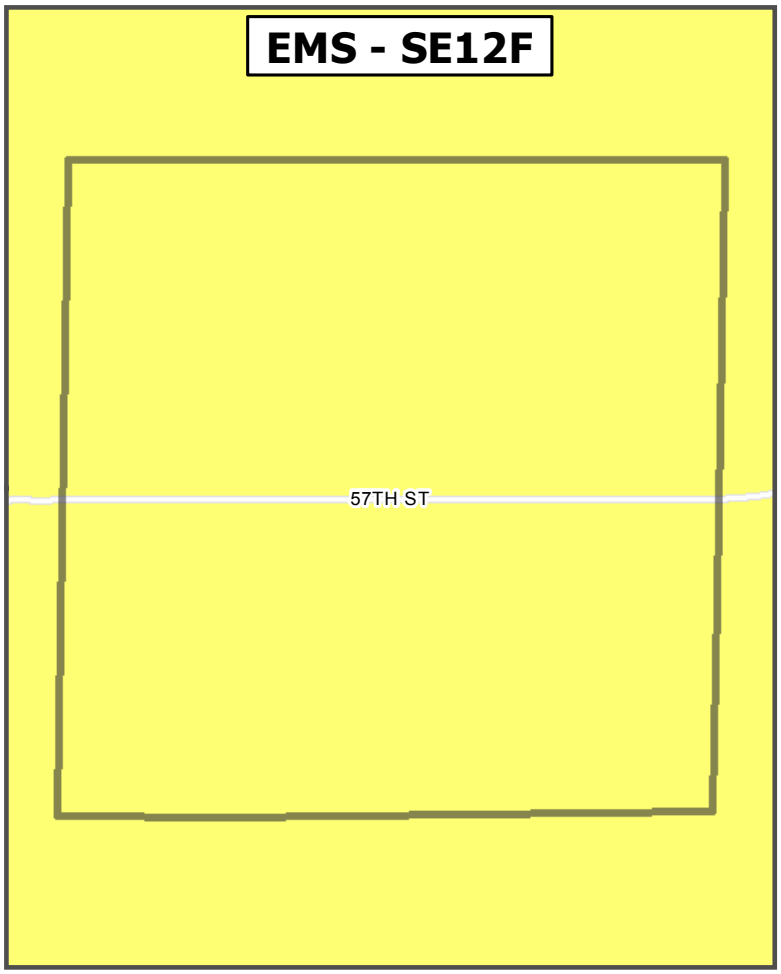
Floodplain

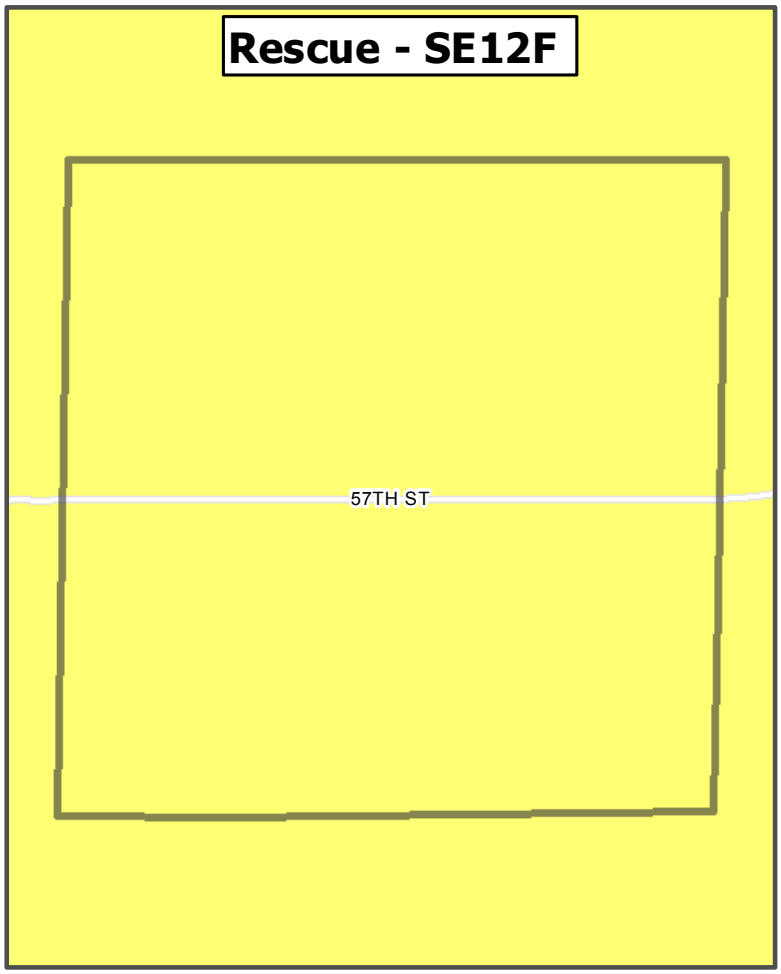
0.2 percent Annual Chance

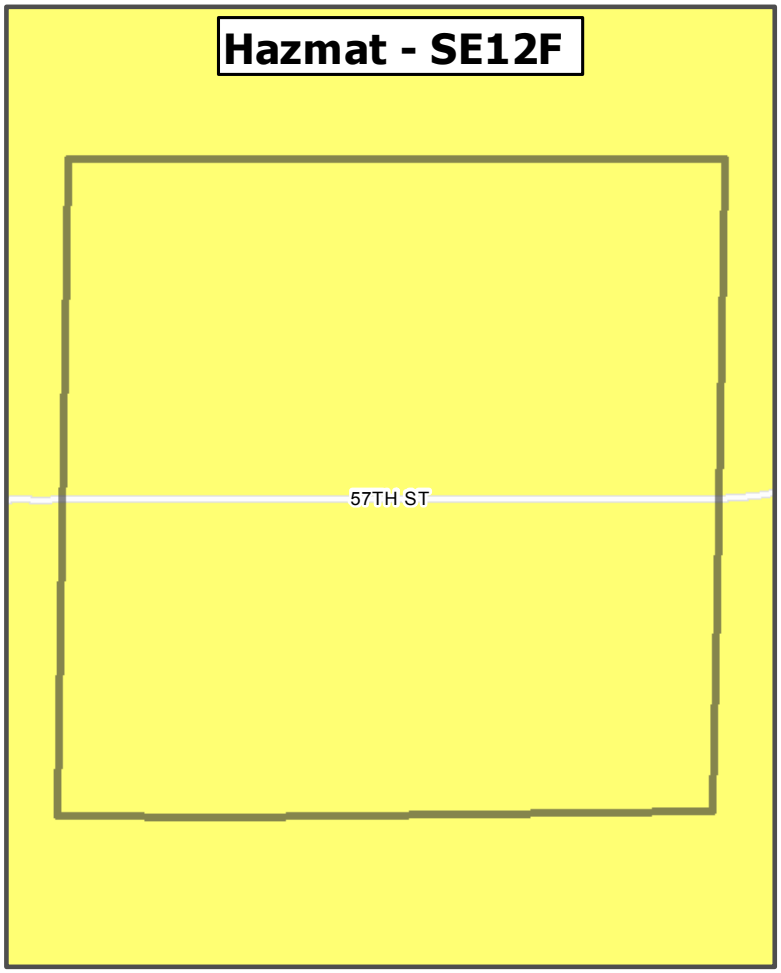
1 percent Annual Chance

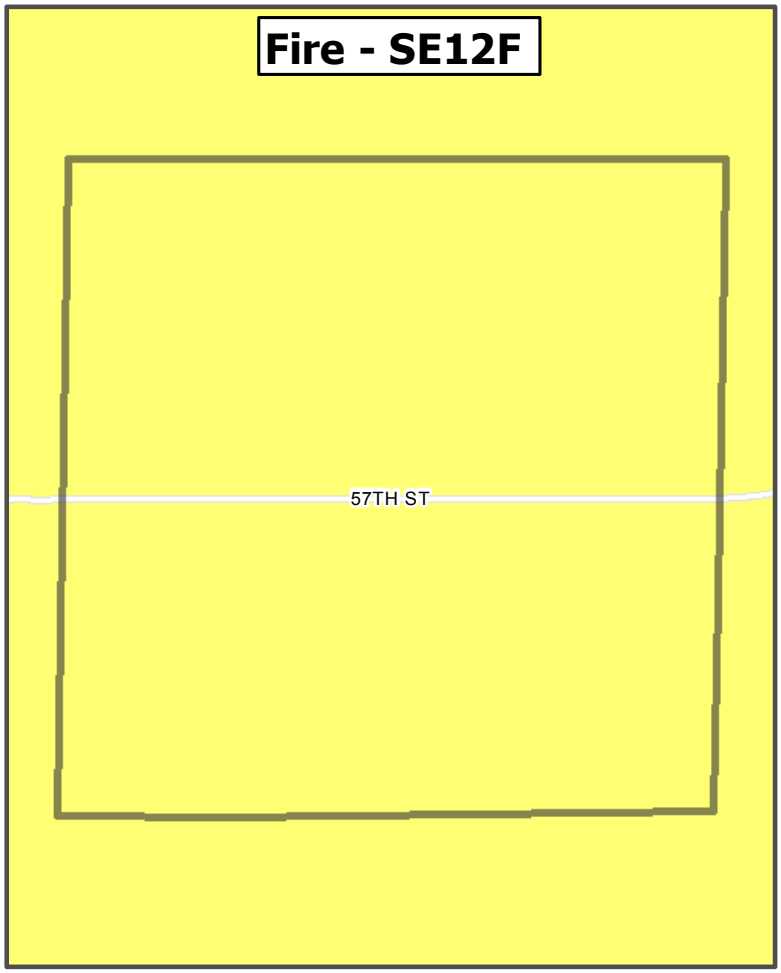







Low Moderate High Special

1 inch = 771 feet

# SE12G

Fire

Rescue

HazMat

EMS

SUB Substation

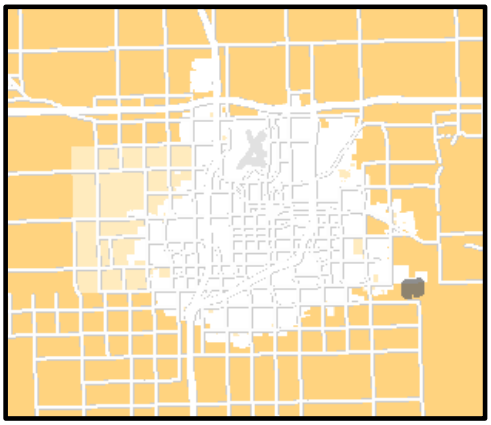
Transmission Line

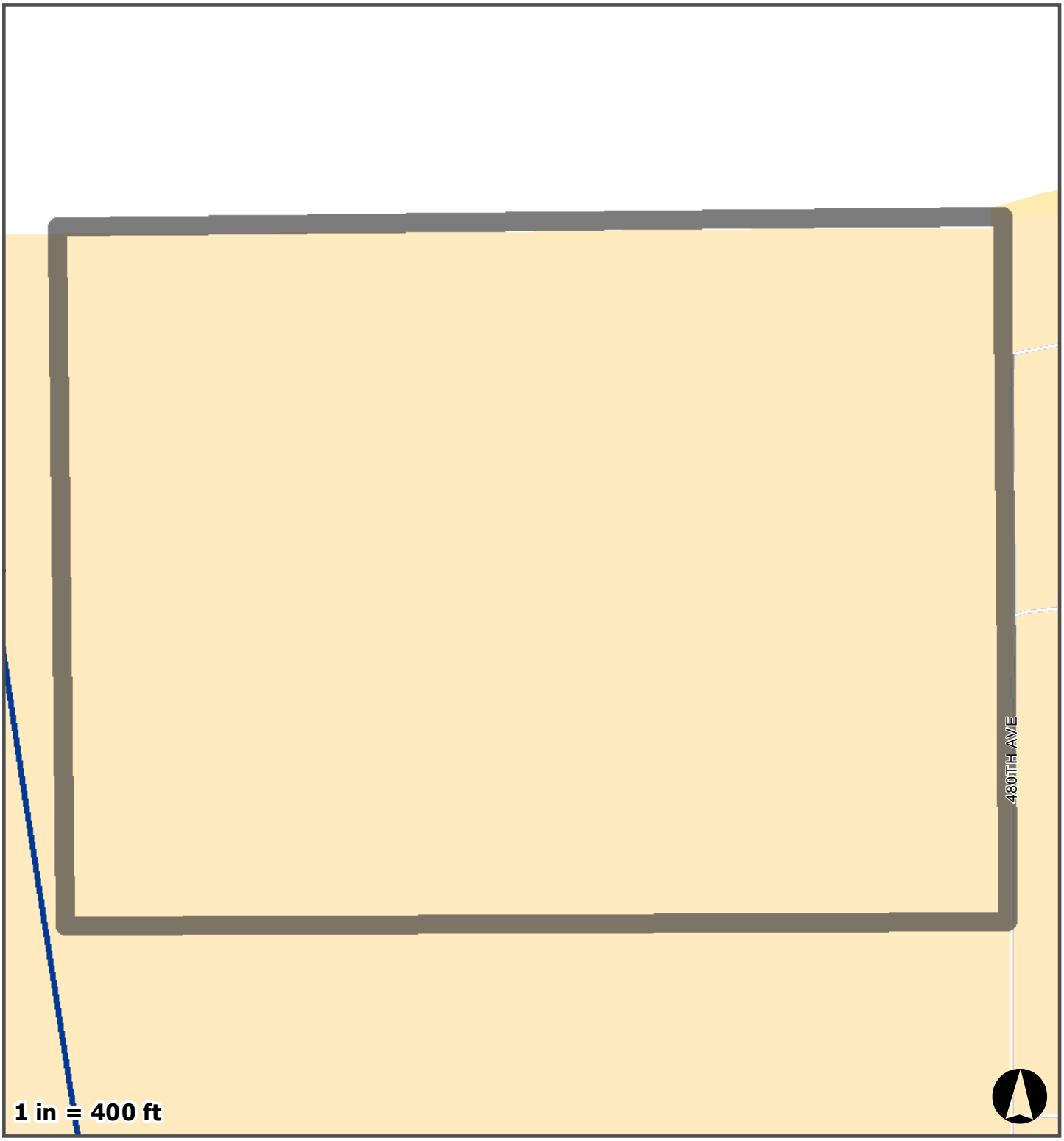
Major Gas Line

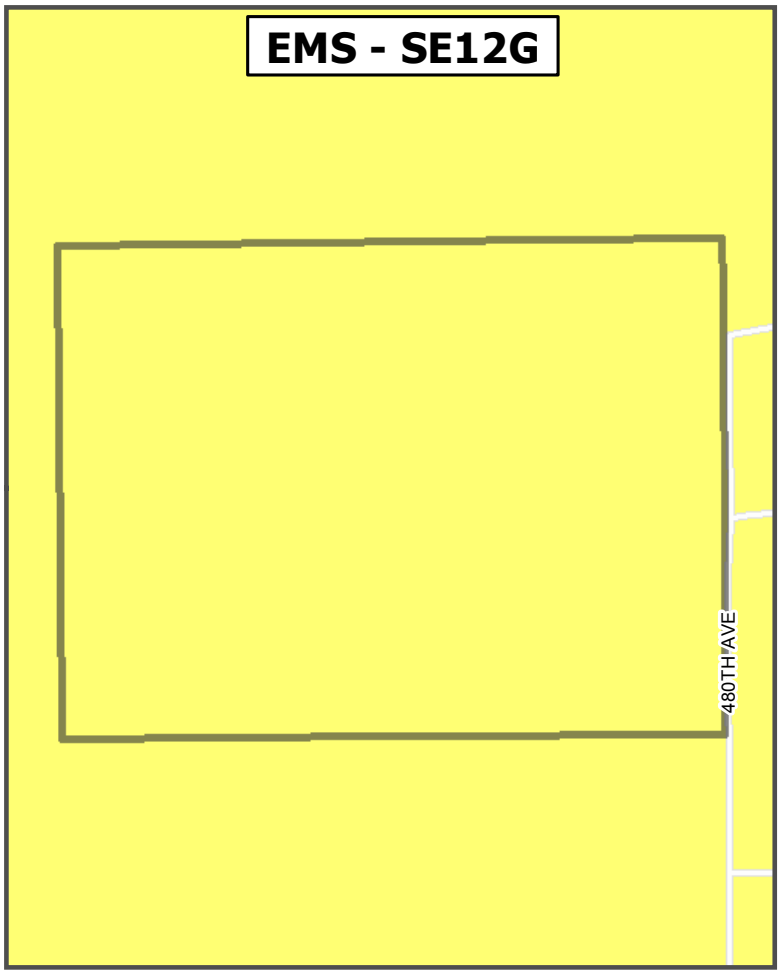
Floodplain

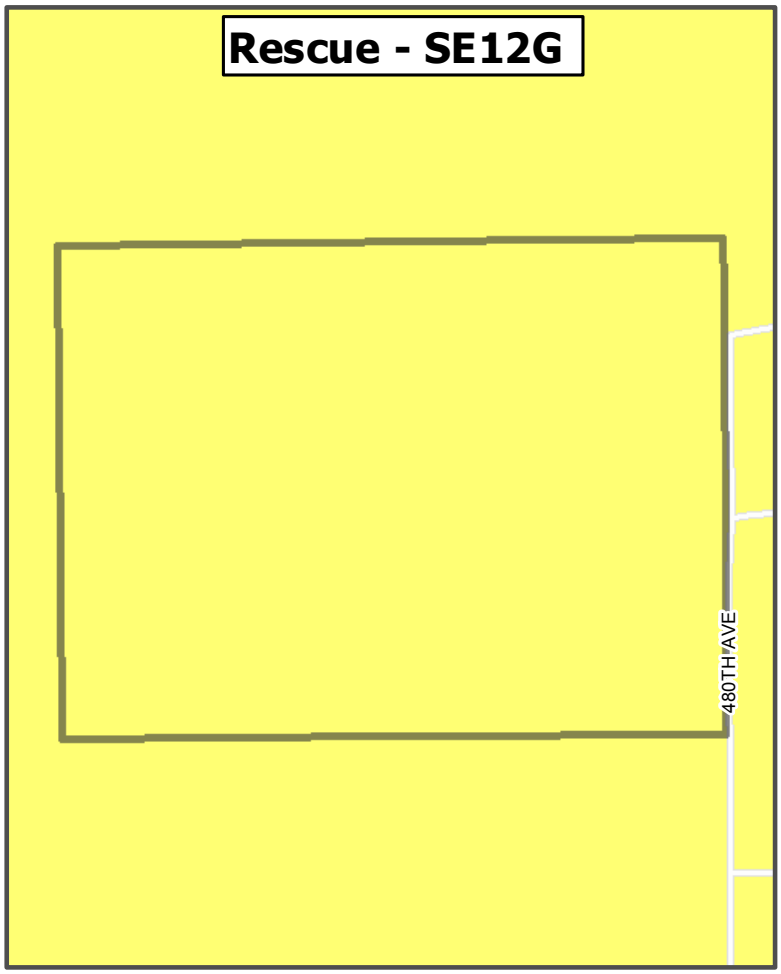
0.2 percent Annual Chance

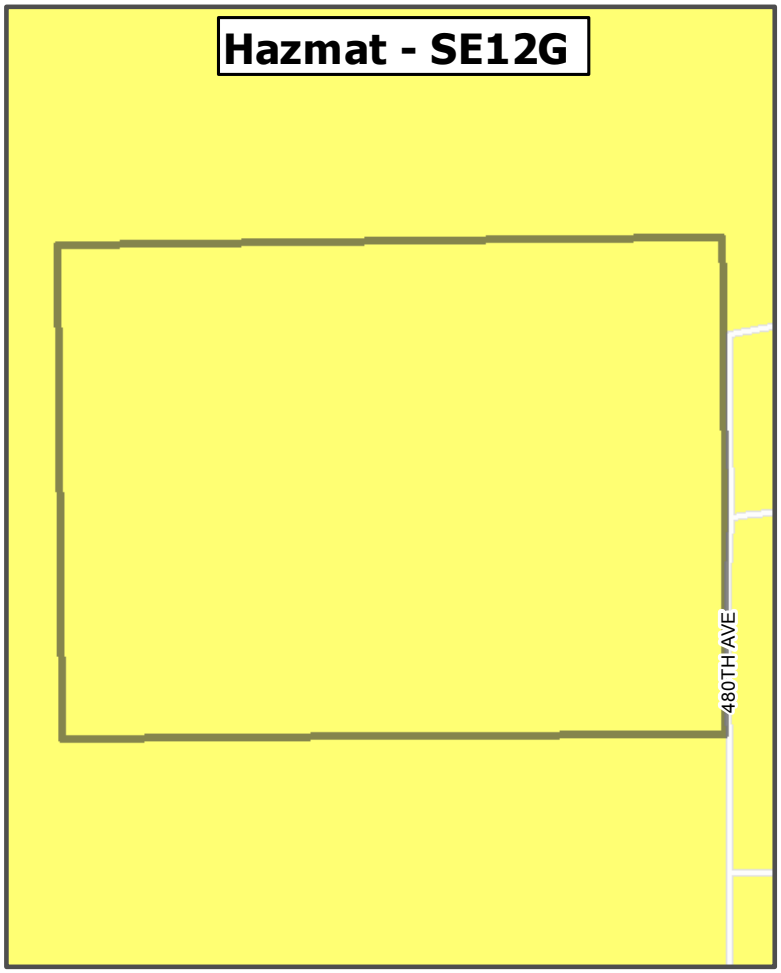
1 percent Annual Chance

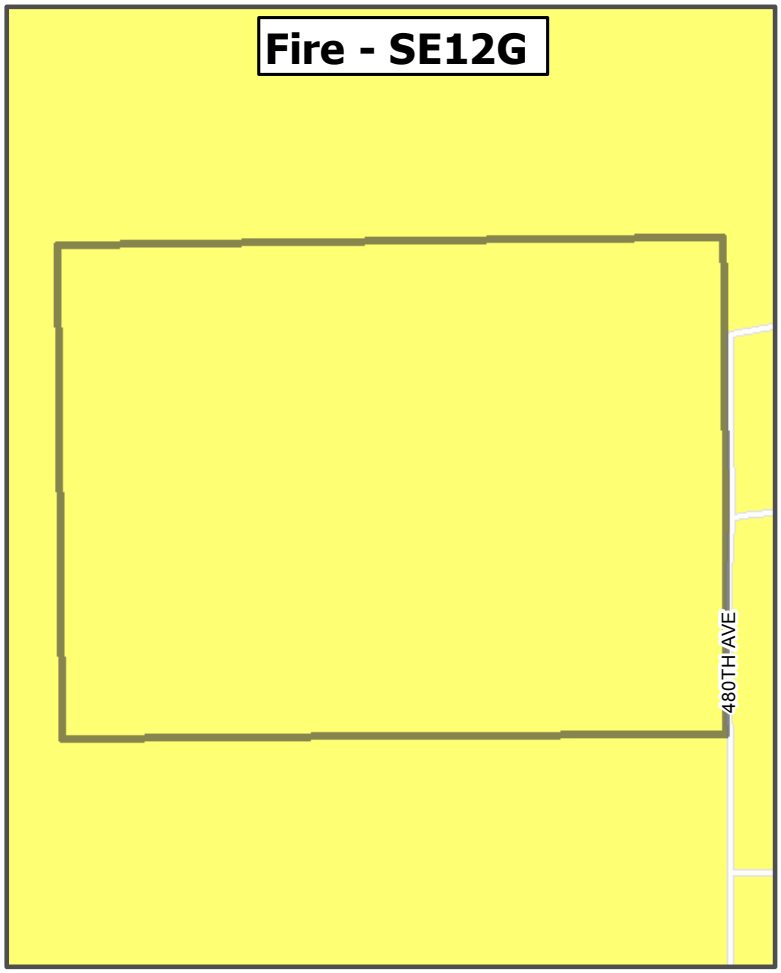







Low Moderate High Special

1 inch = 772 feet

# SE13A

Fire

Rescue

HazMat

EMS

SUB Substation

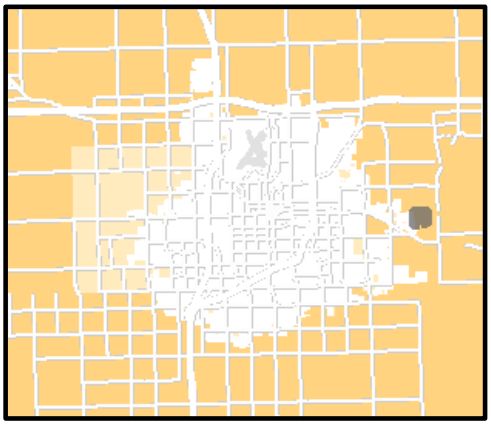
Transmission Line

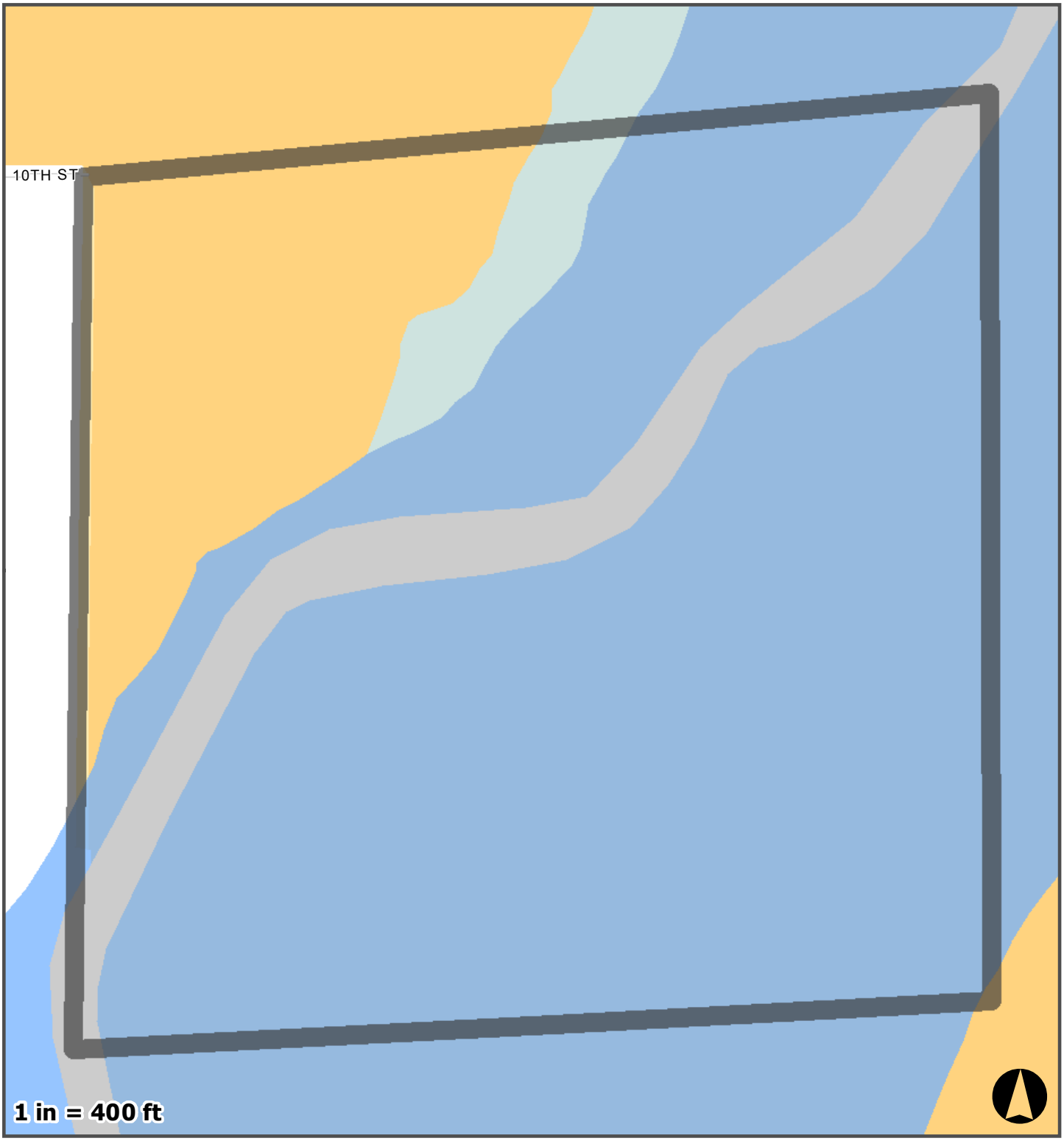
Major Gas Line

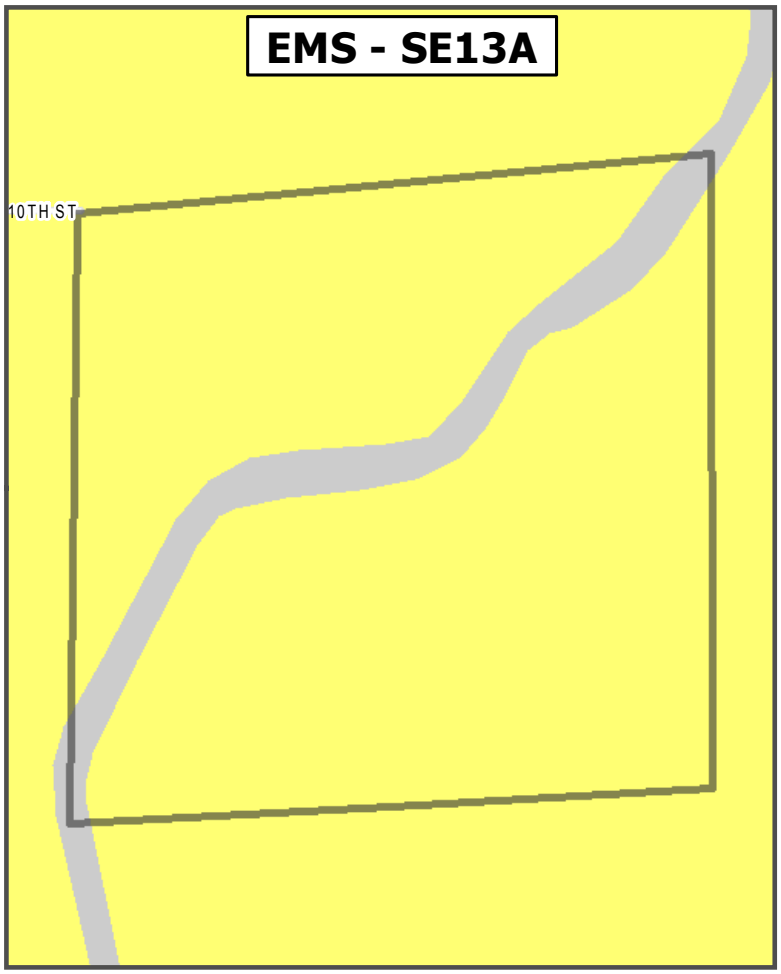
Floodplain

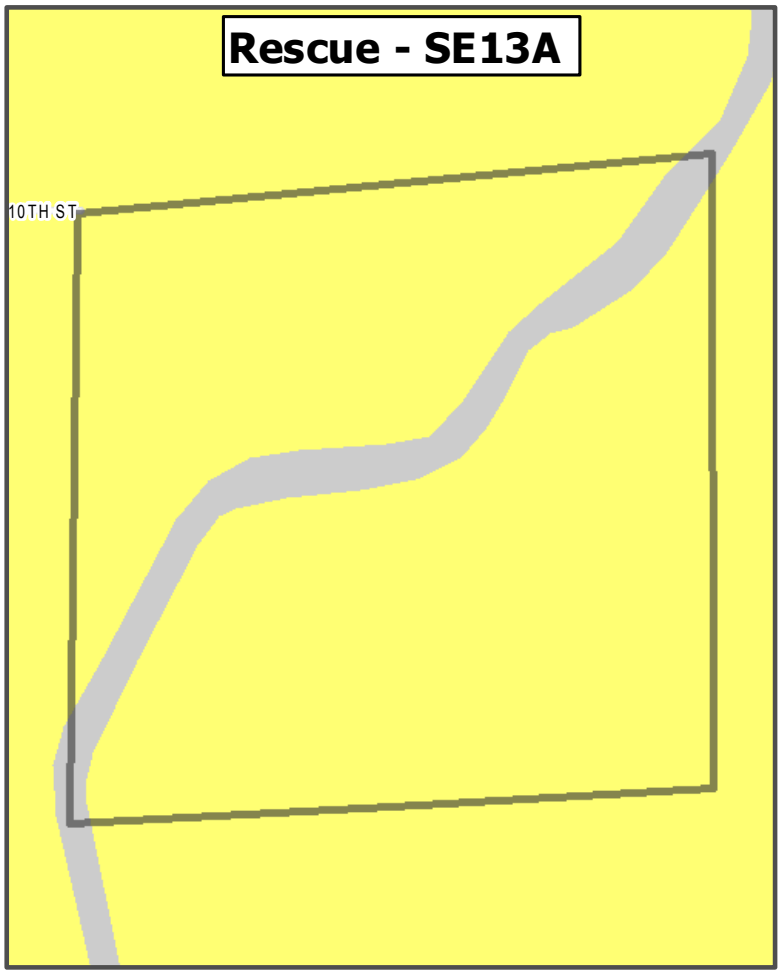
0.2 percent Annual Chance

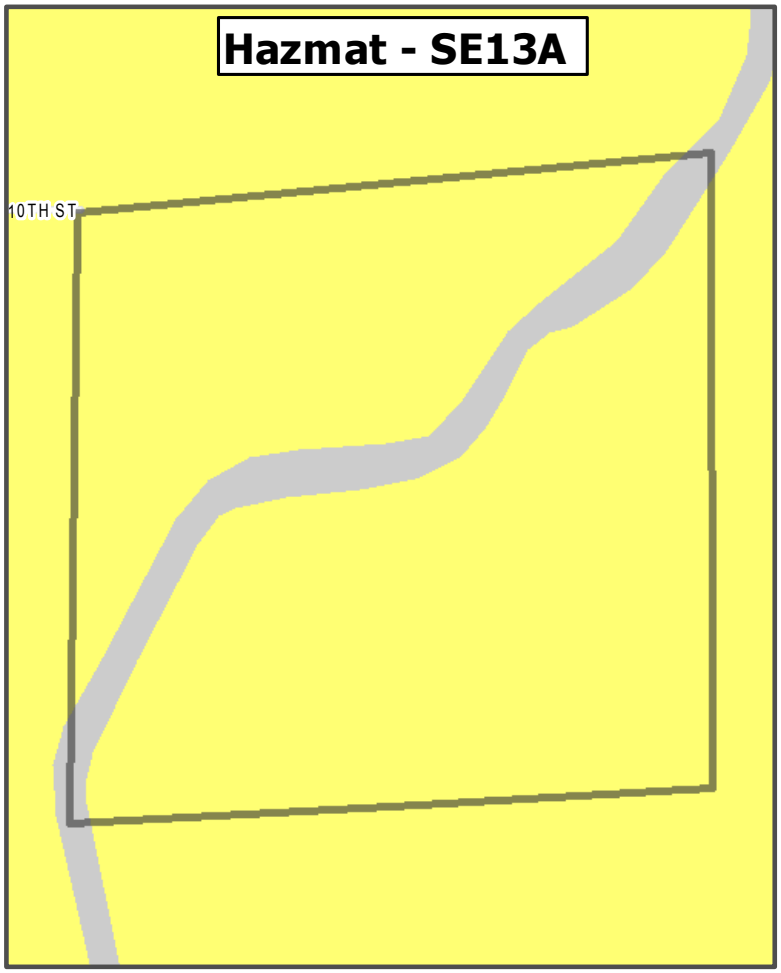
1 percent Annual Chance

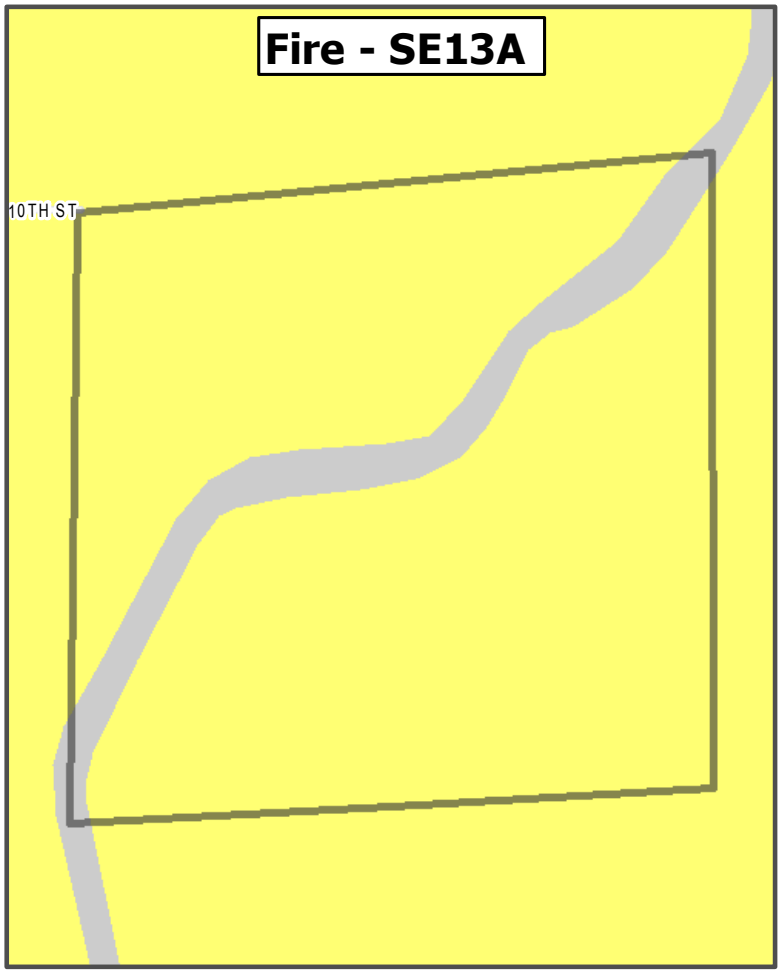







Low Moderate High Special

1 inch = 777 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 13B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 90% of this quadrant lies in the flood plain | | |

# SE13B

Fire

Rescue

HazMat

EMS

SUB Substation

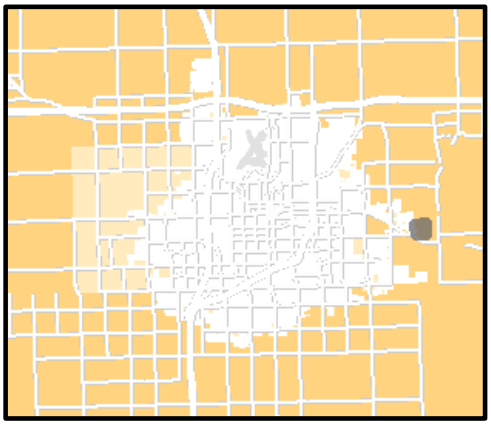
Transmission Line

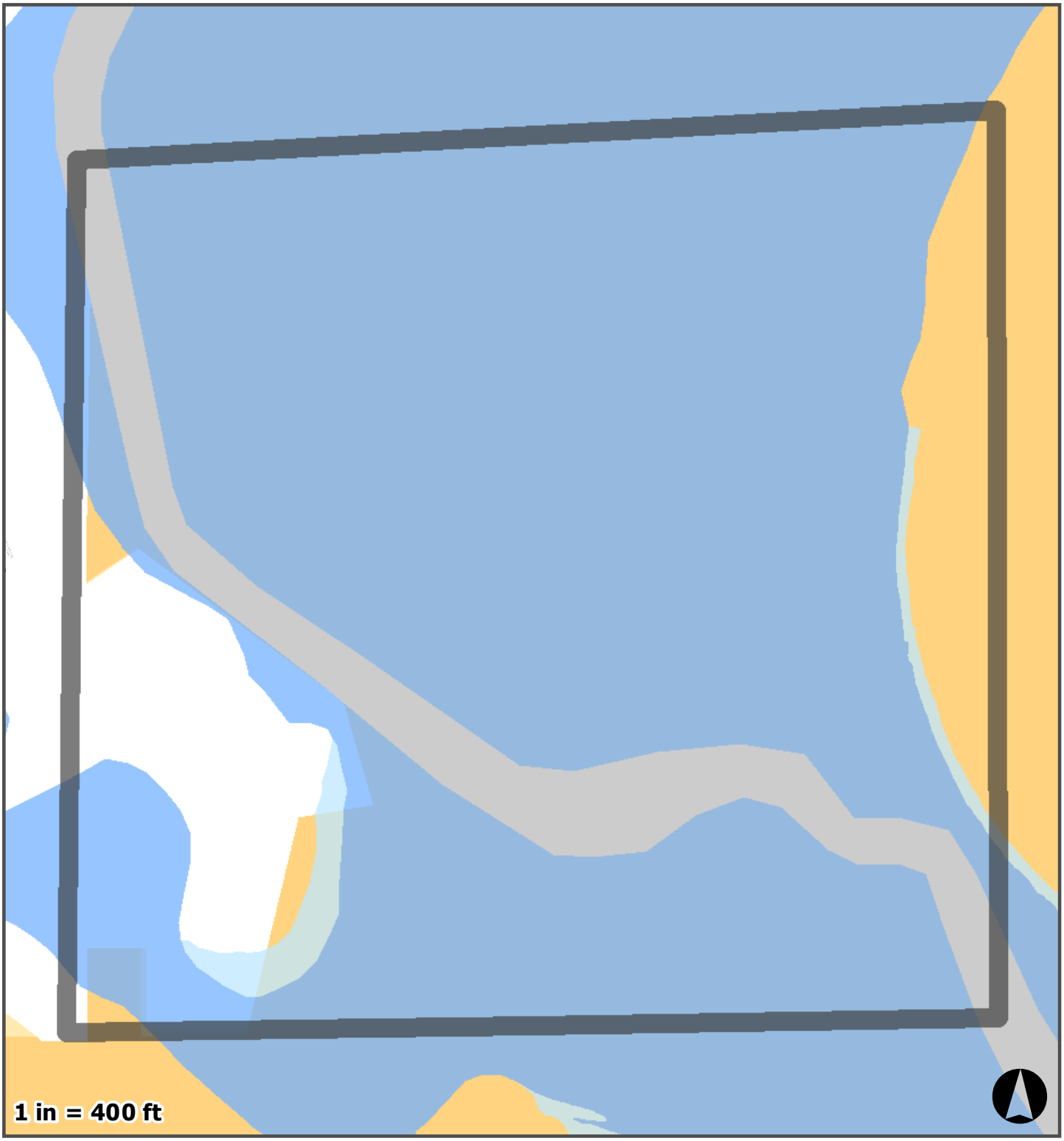
Major Gas Line

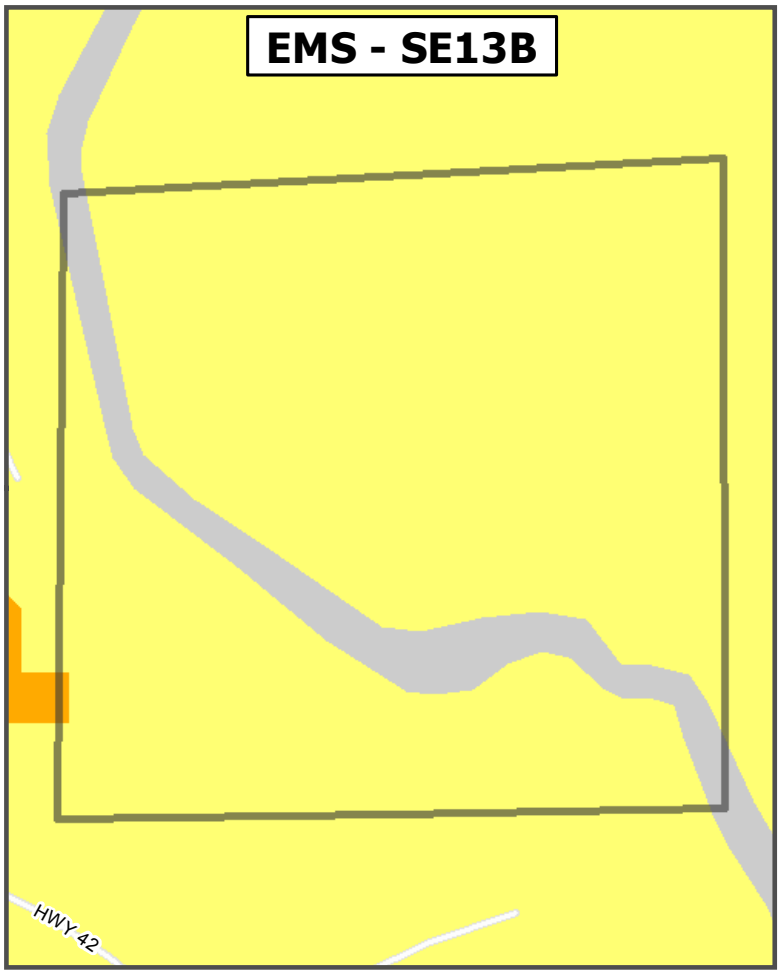
Floodplain

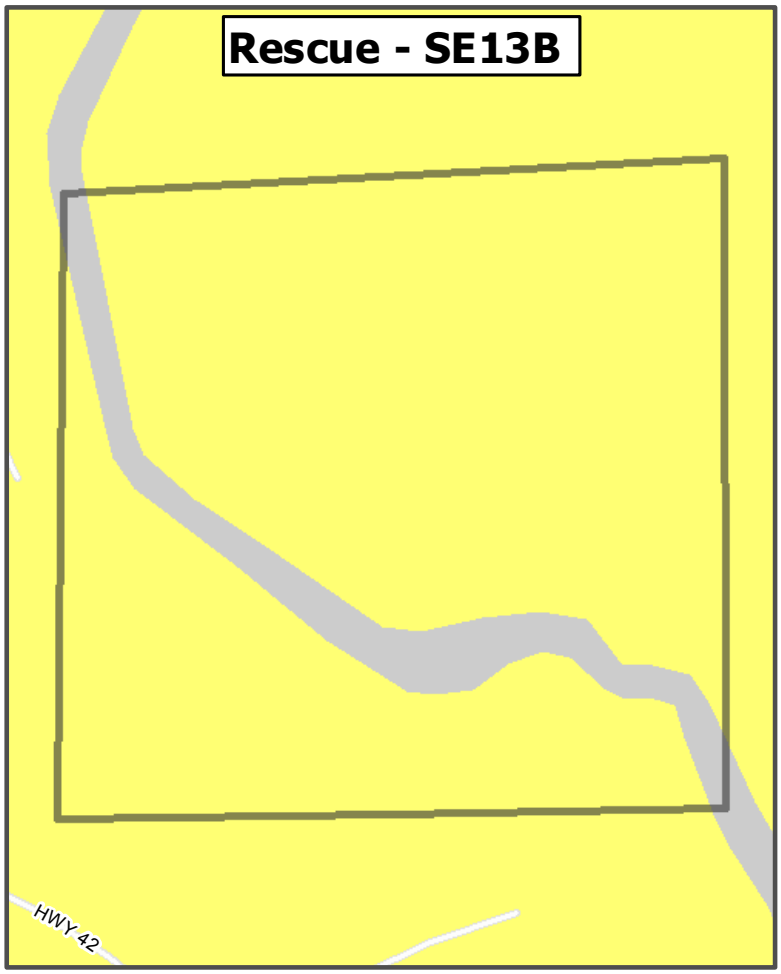
0.2 percent Annual Chance

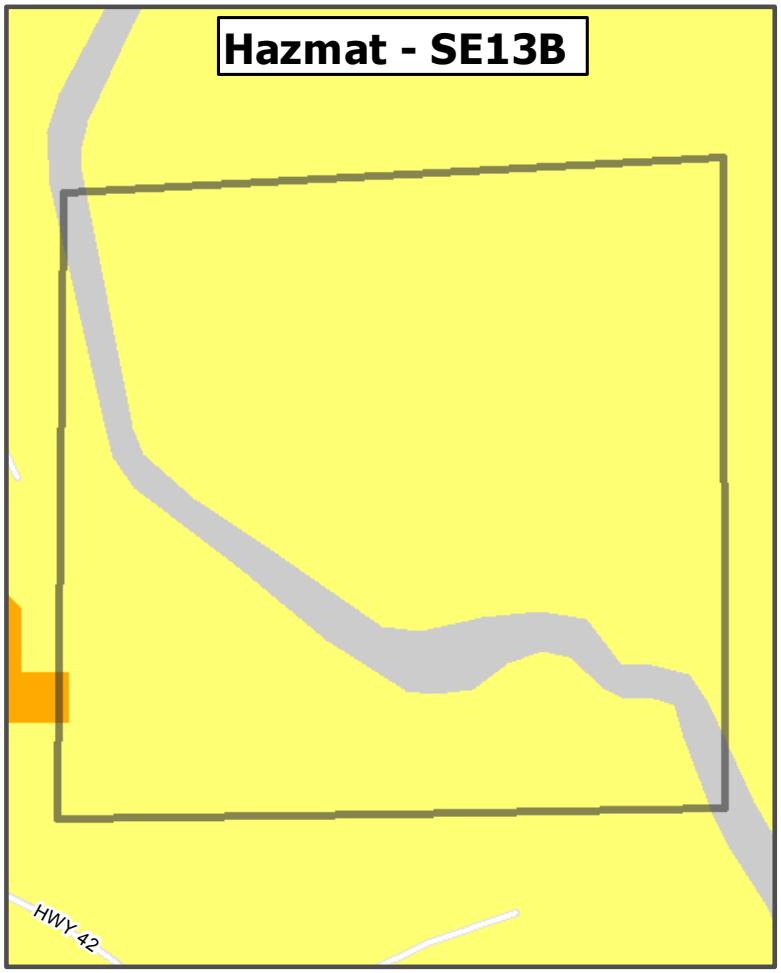
1 percent Annual Chance

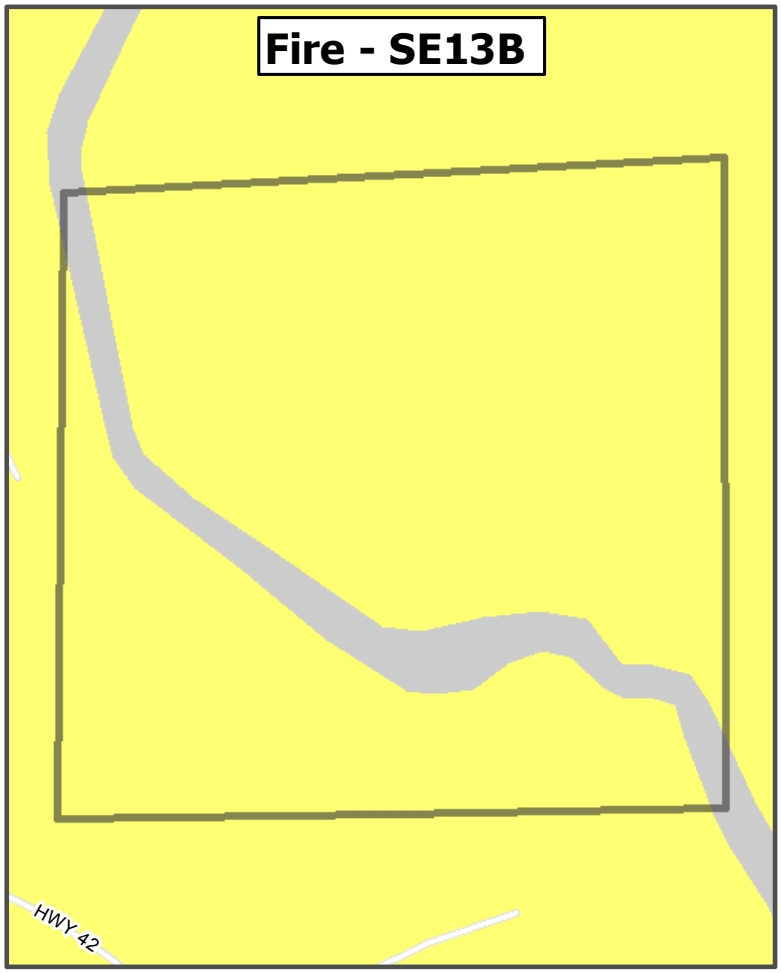







Low | Moderate | High | Special

1 inch = 758 feet

# SE13C_1

Fire

Rescue

HazMat

EMS

SUB Substation

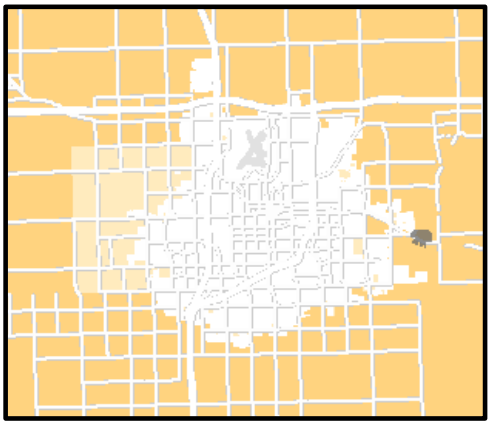
Transmission Line

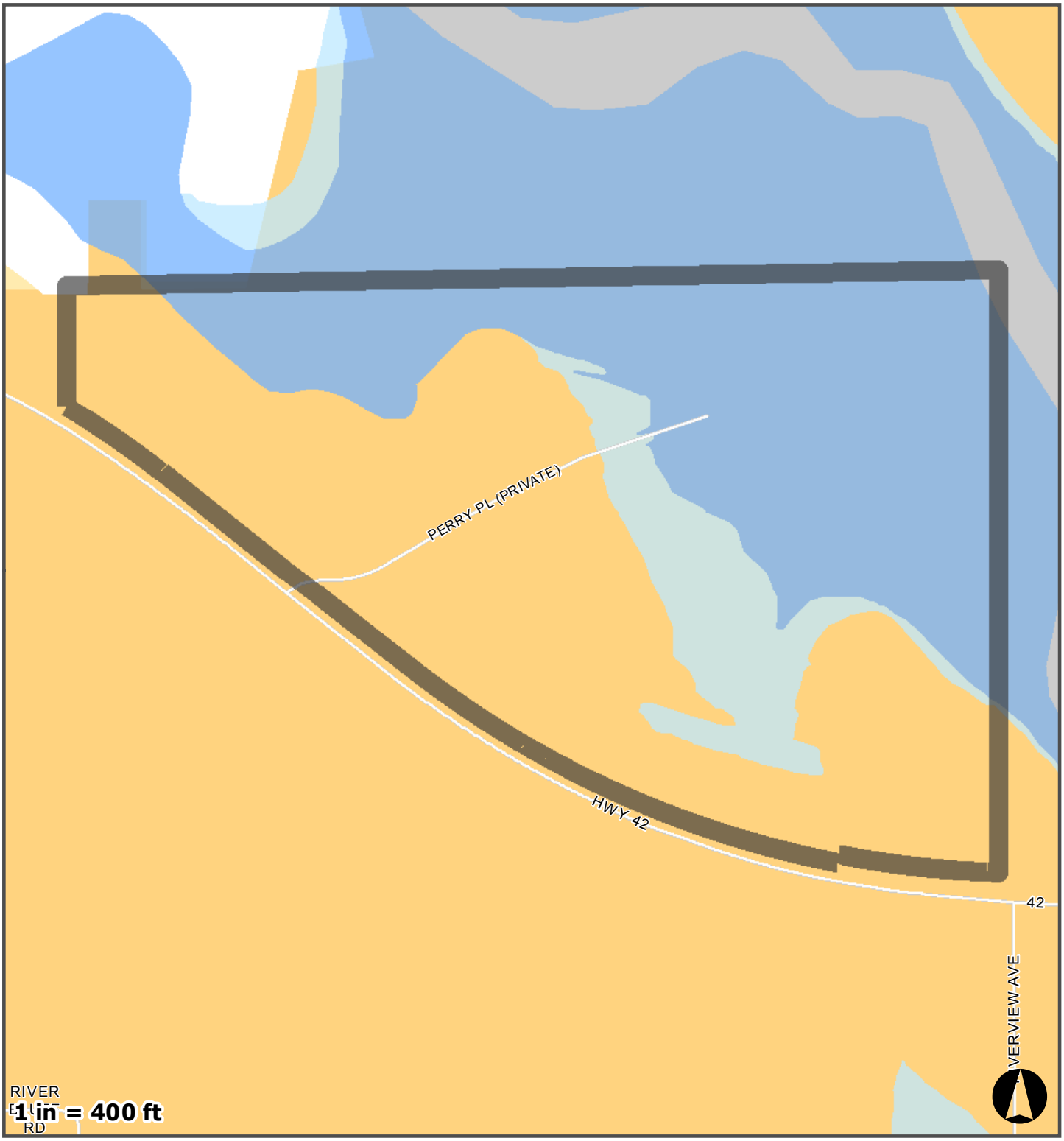
Major Gas Line

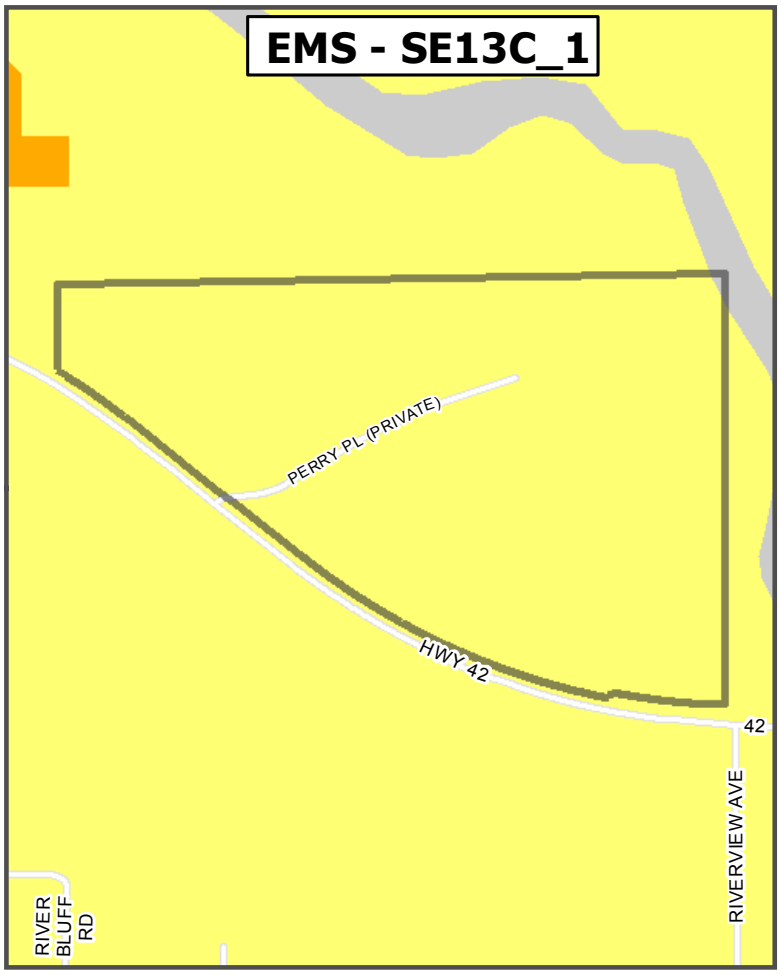
Floodplain

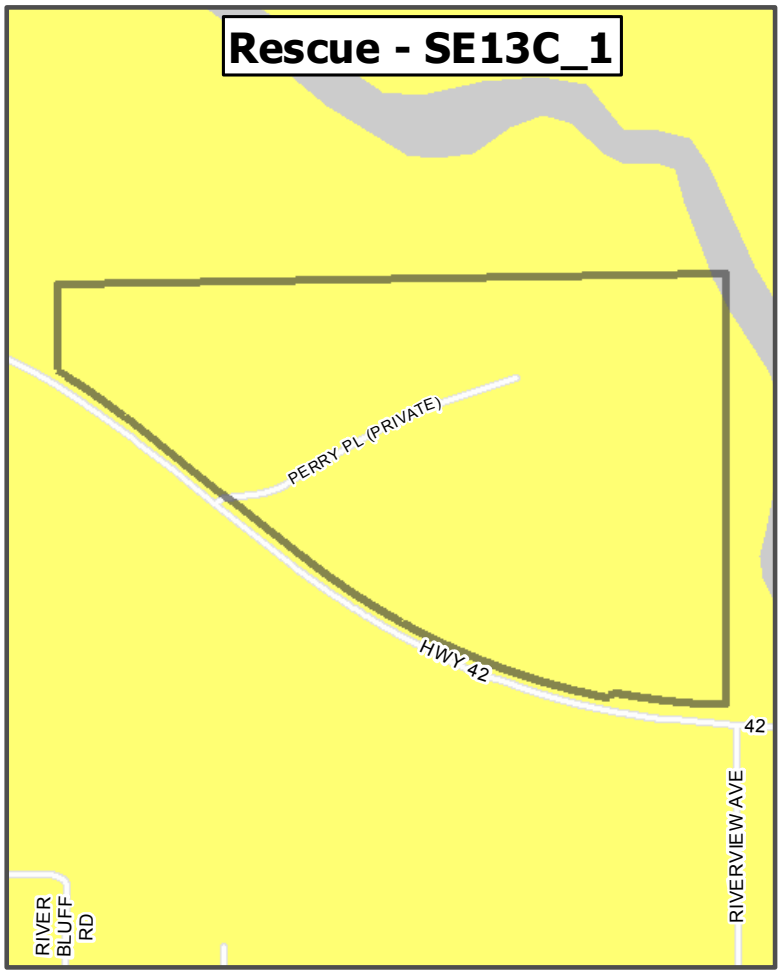
0.2 percent Annual Chance

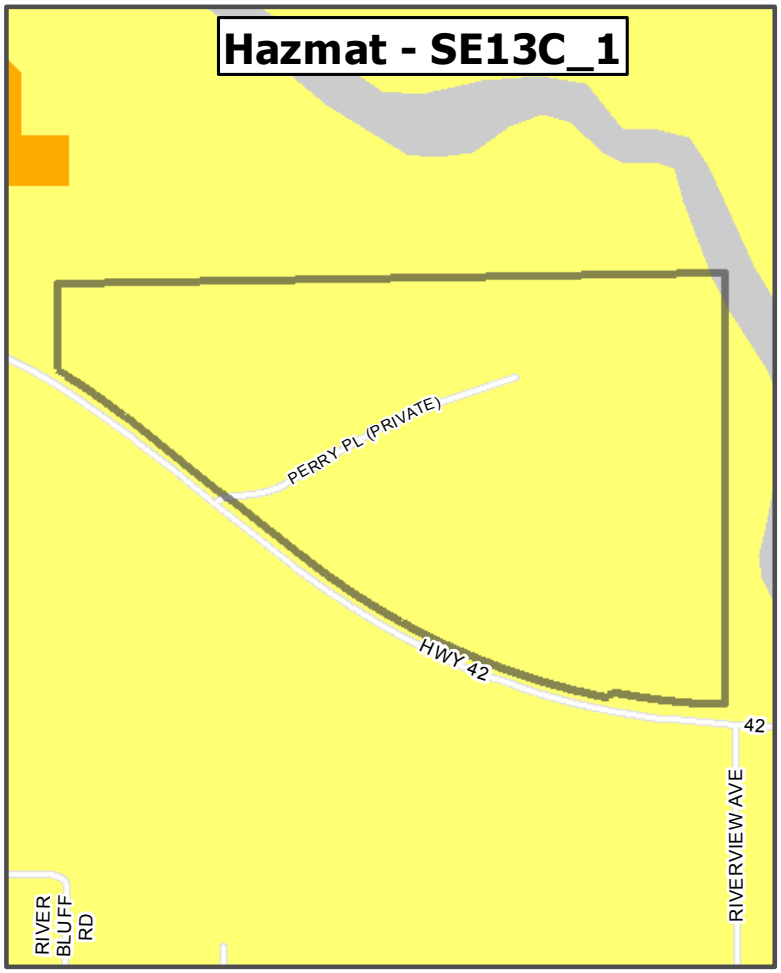
1 percent Annual Chance

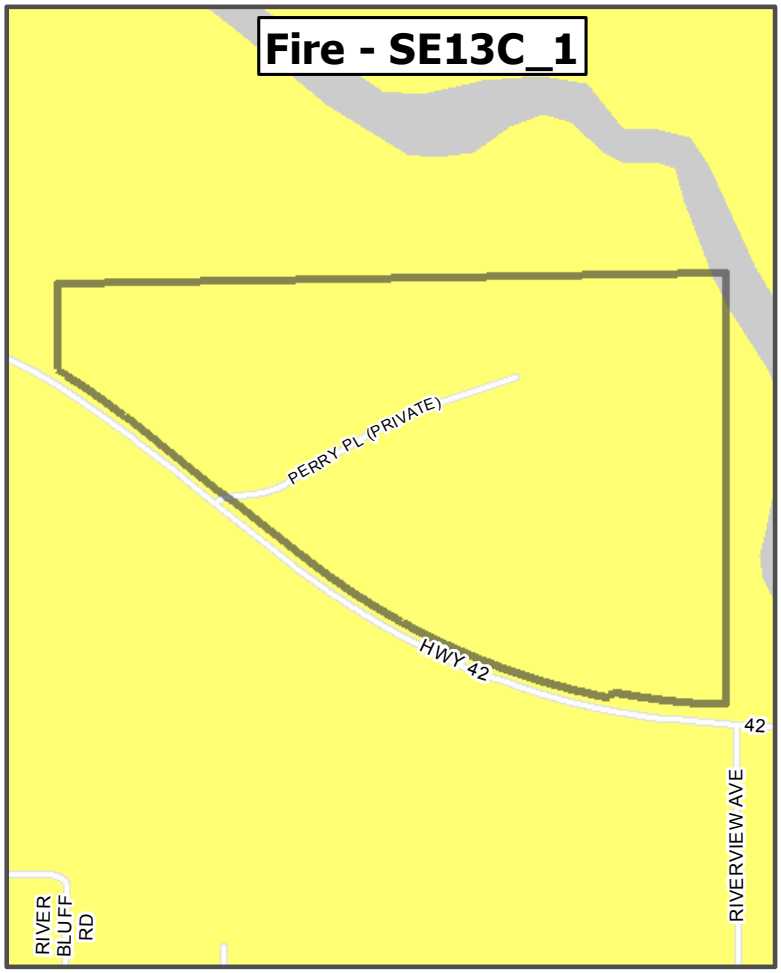







Low | Moderate | High | Special

1 inch = 758 feet

# SE13E

Fire

Rescue

HazMat

EMS

SUB Substation

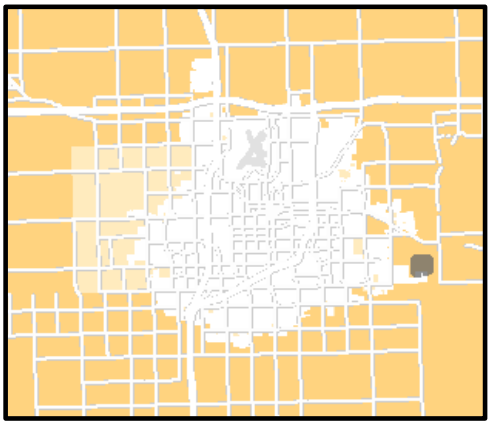
Transmission Line

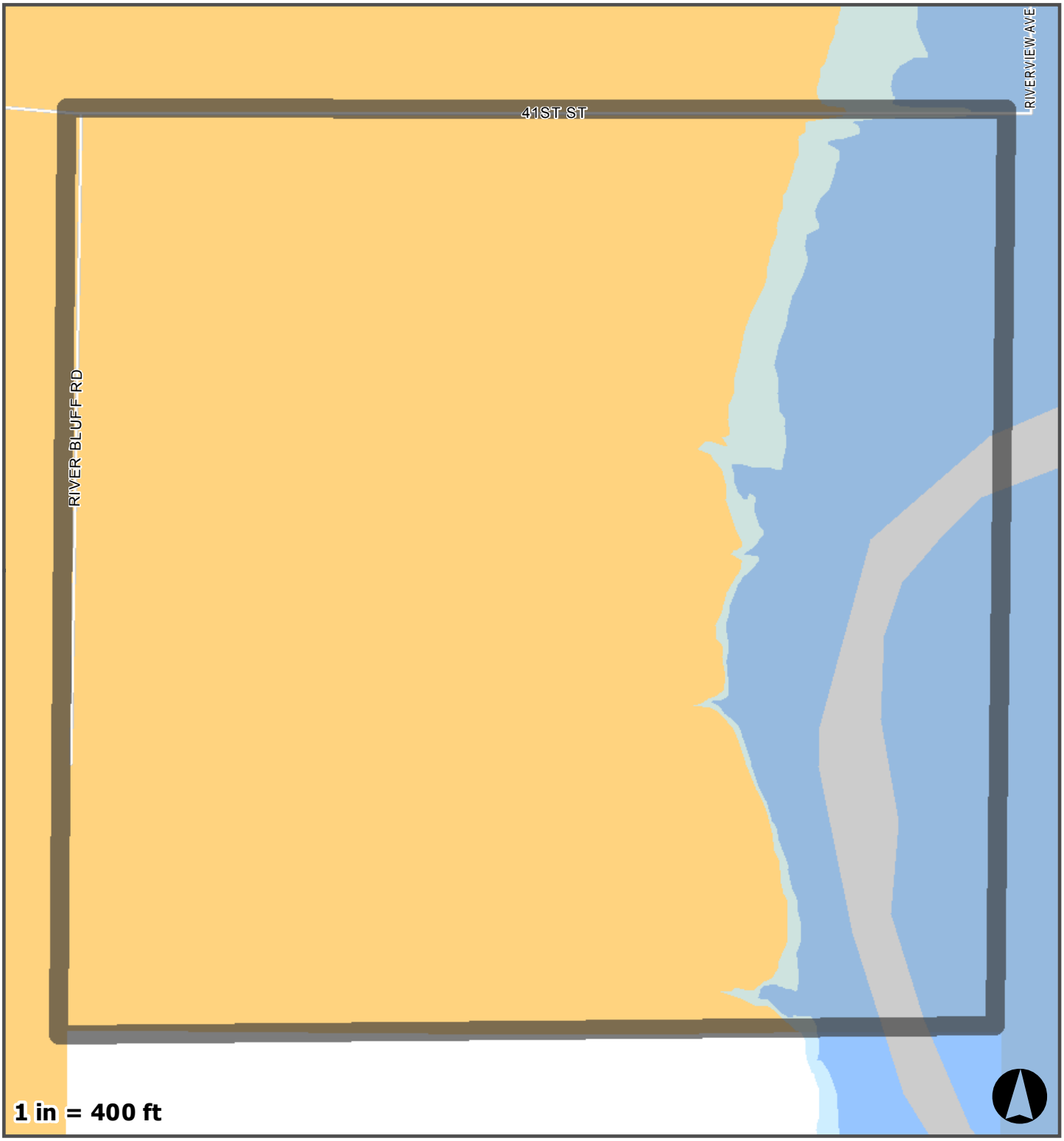
Major Gas Line

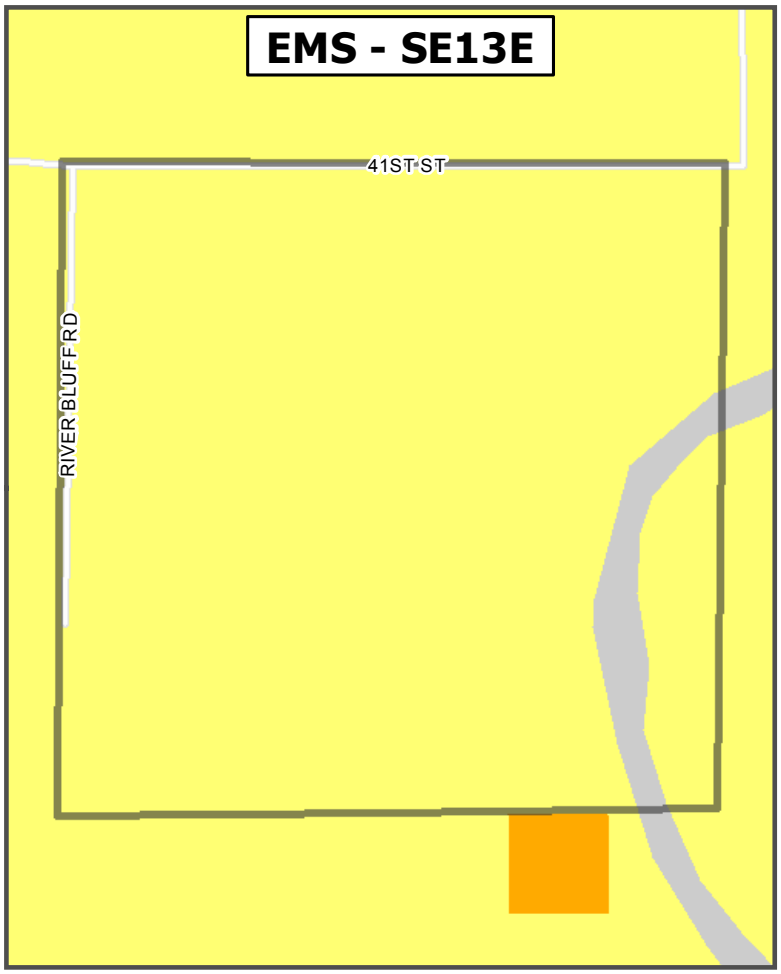
Floodplain

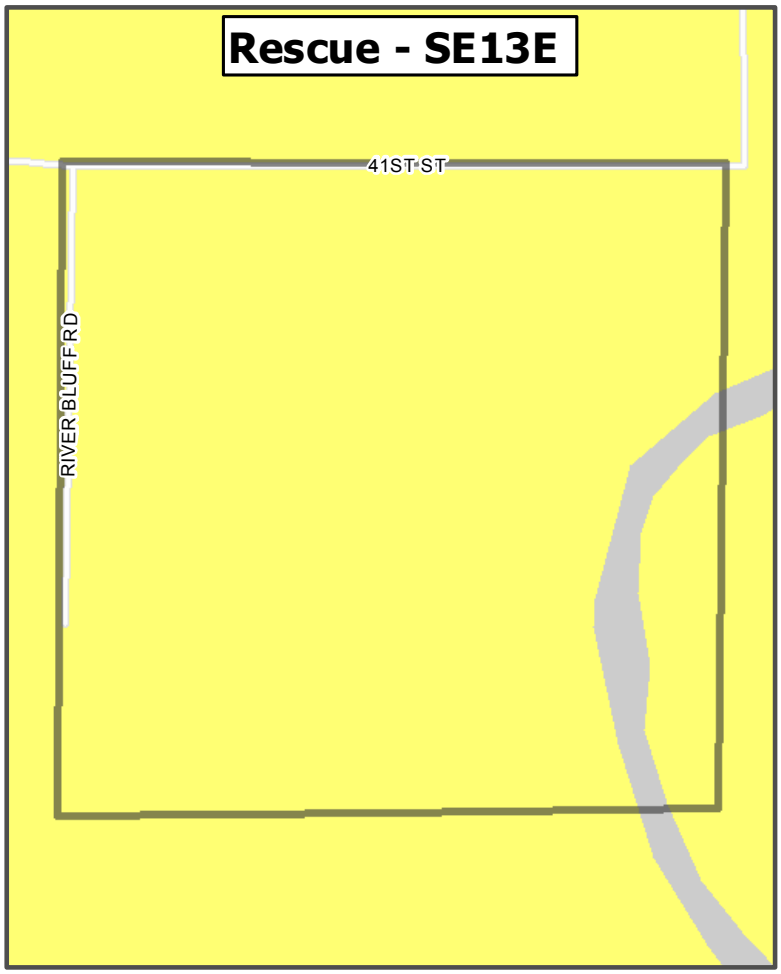
0.2 percent Annual Chance

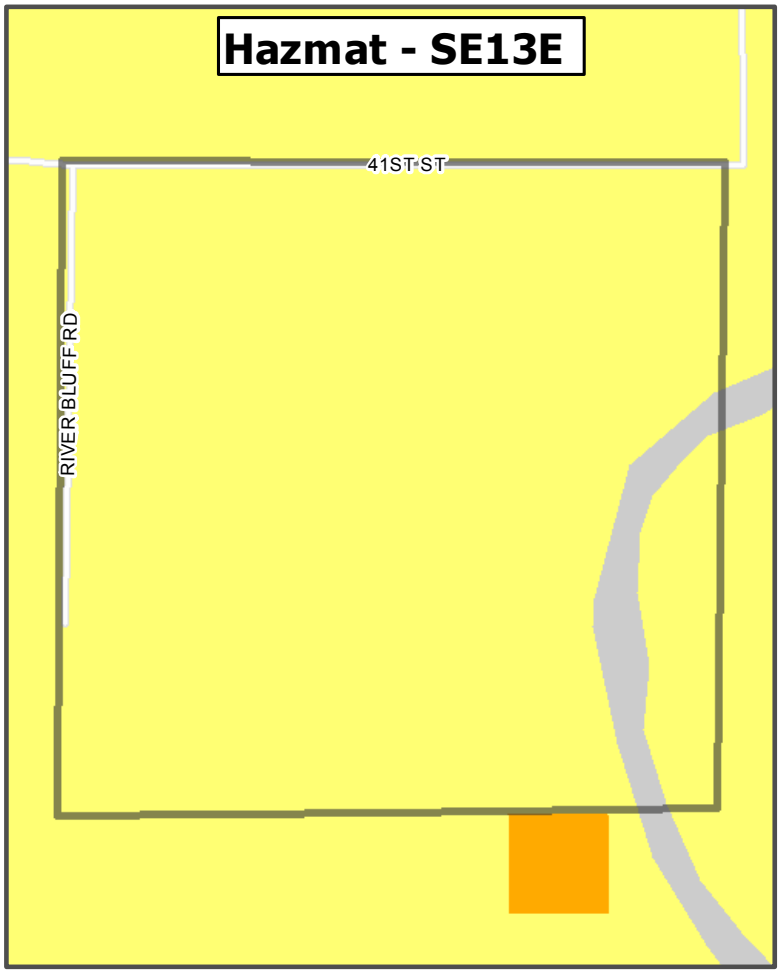
1 percent Annual Chance

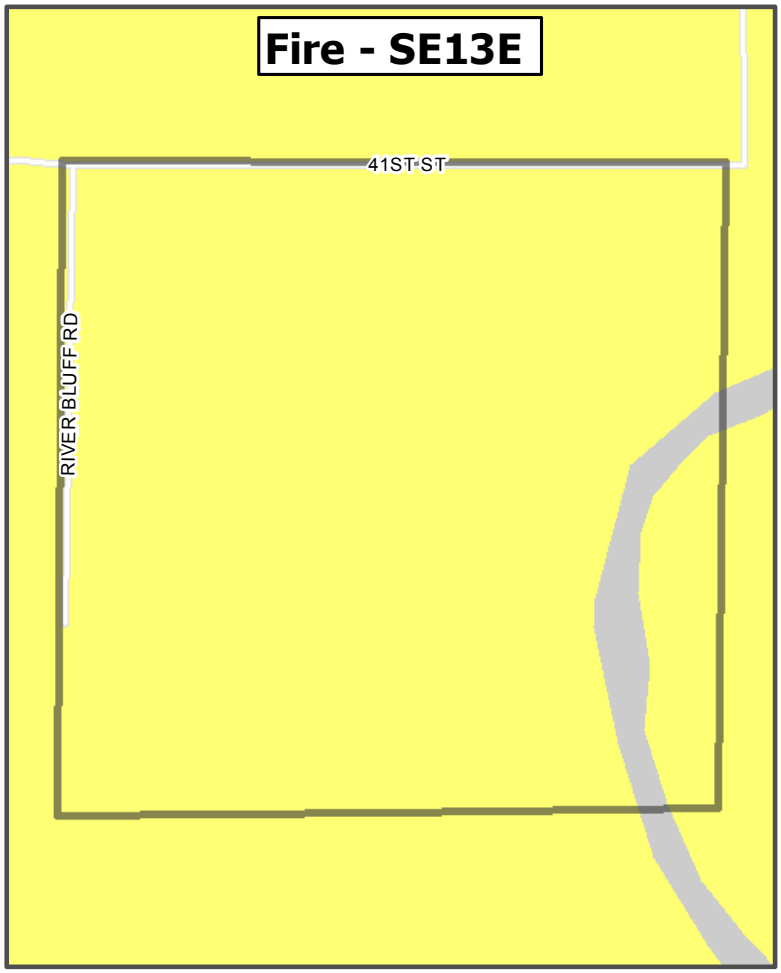







Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 13F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 10% of this quadrant lies in the flood plain | | |

# SE13F

Fire

Rescue

HazMat

EMS

SUB Substation

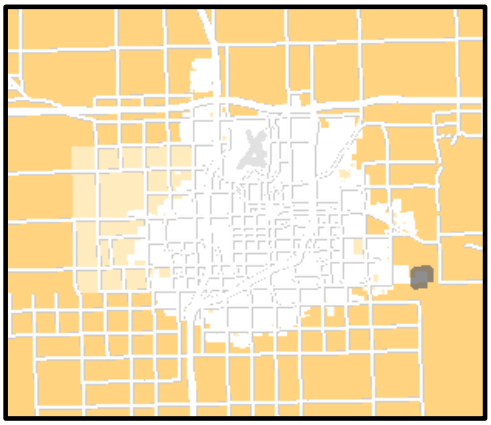
Transmission Line

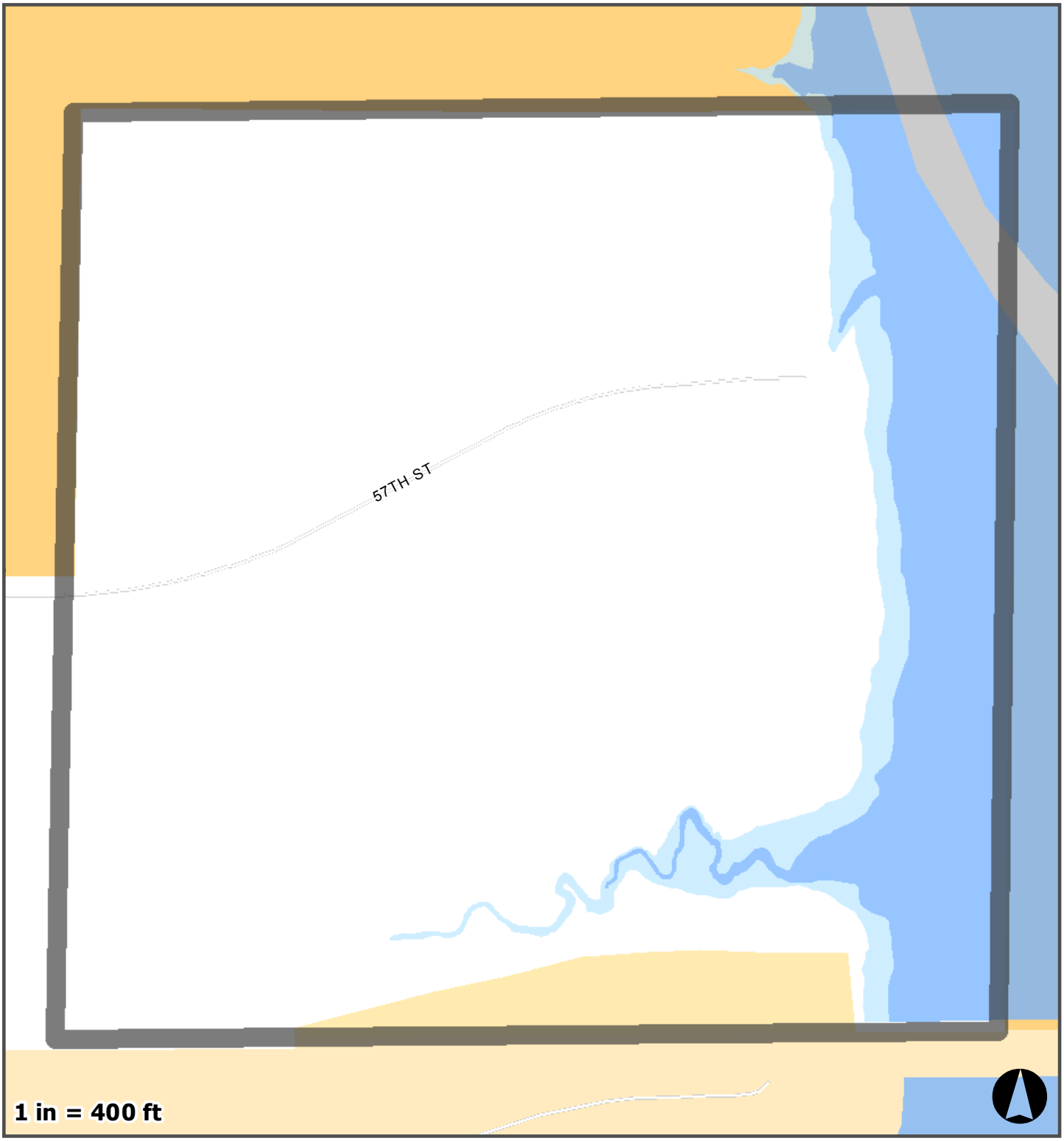
Major Gas Line

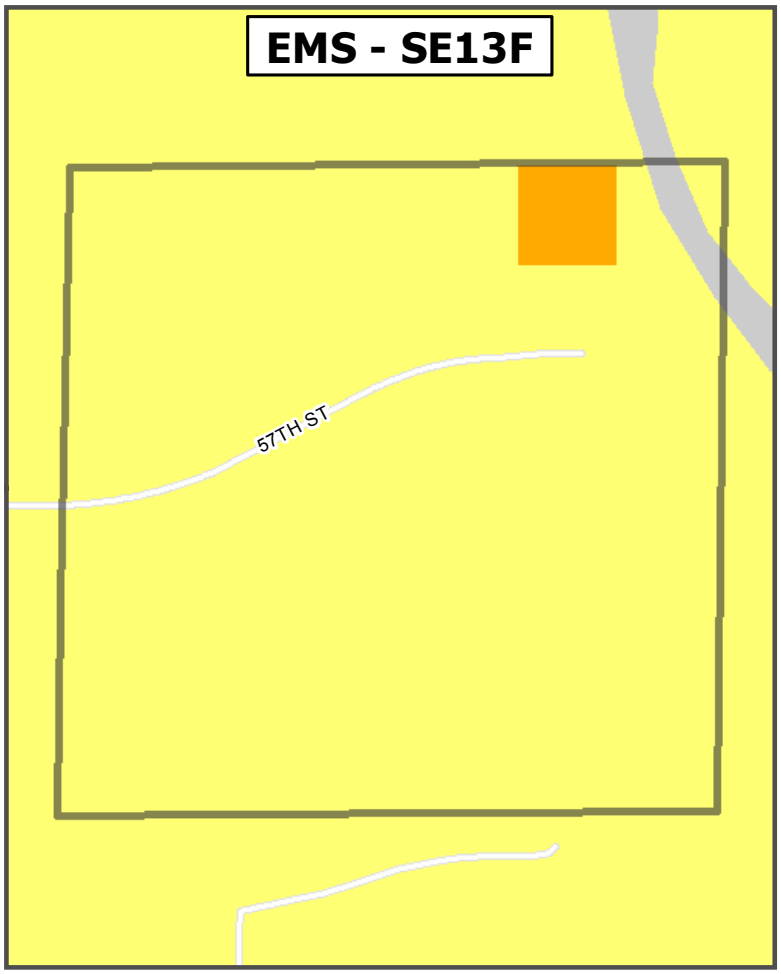
Floodplain

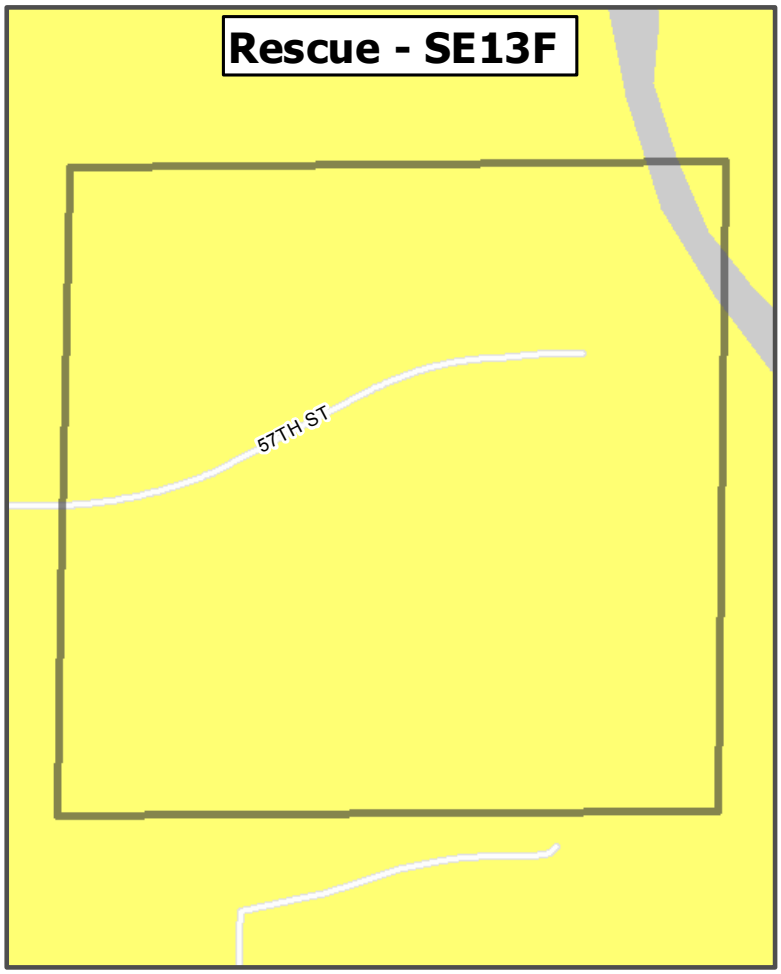
0.2 percent Annual Chance

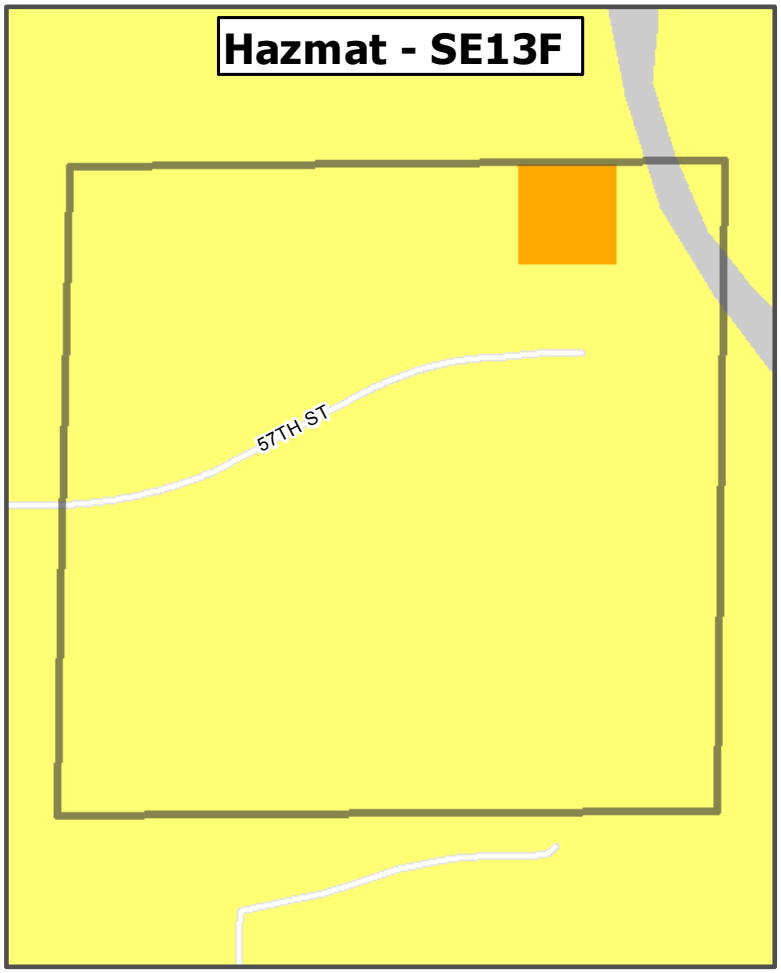
1 percent Annual Chance

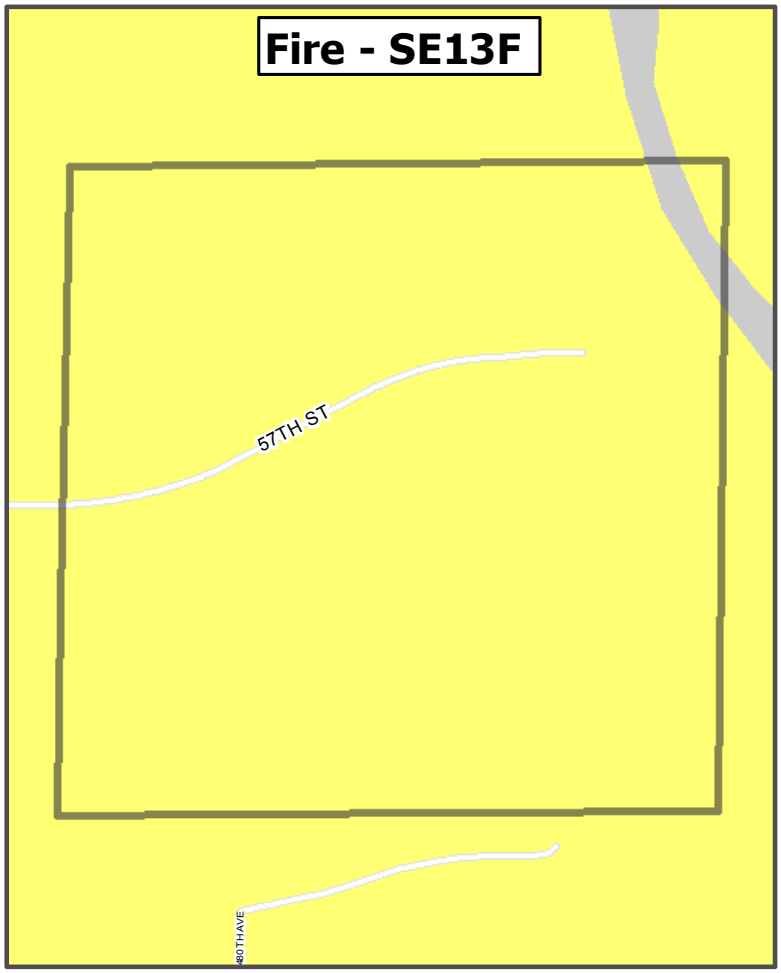







Low | Moderate | High | Special

1 inch = 775 feet

# SE13G

Fire

Rescue

HazMat

EMS

SUB Substation

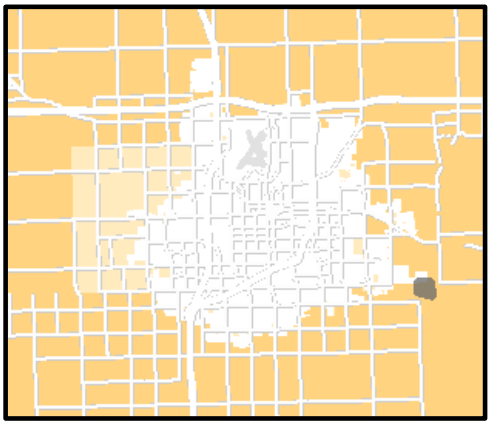
Transmission Line

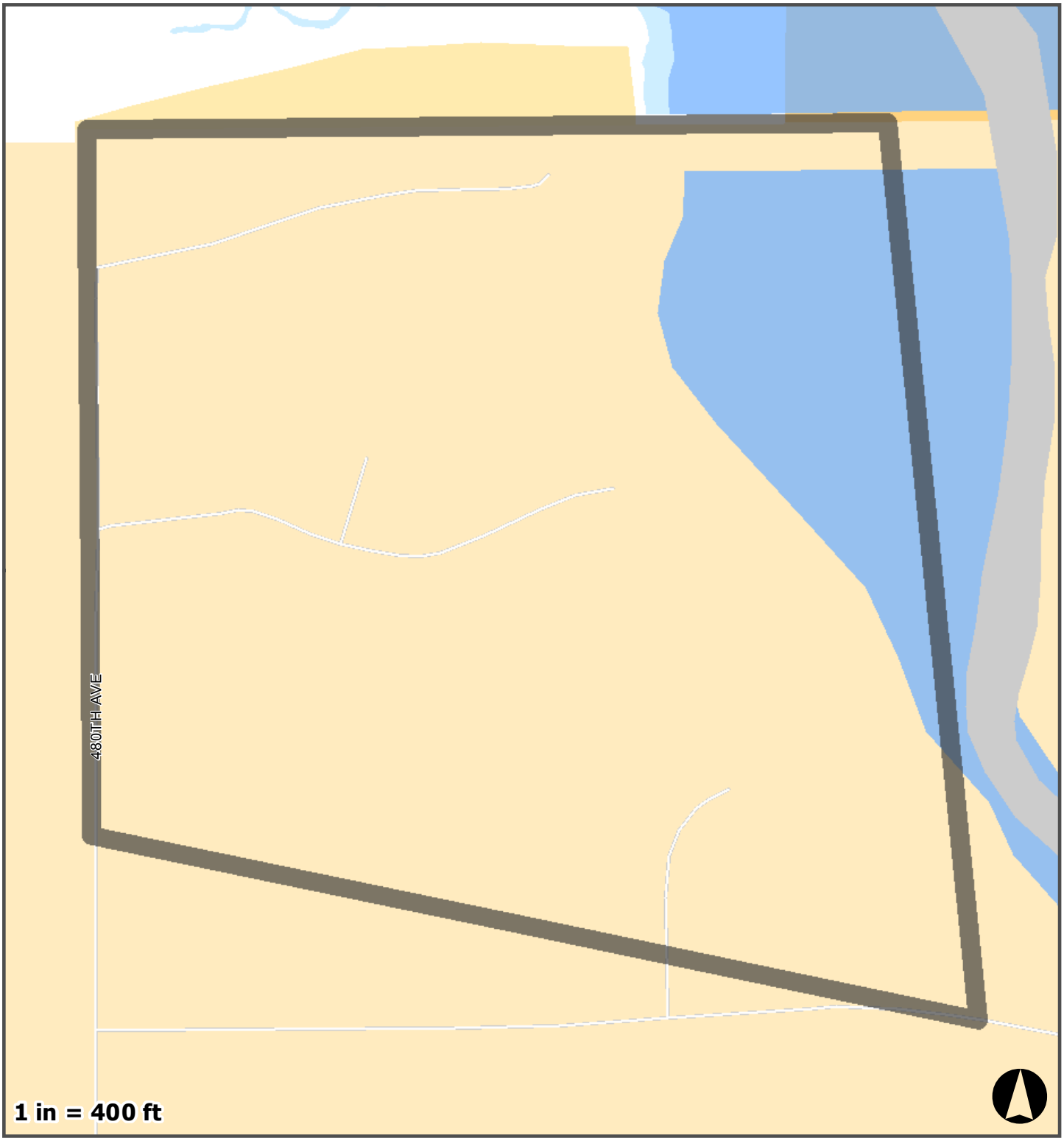
Major Gas Line

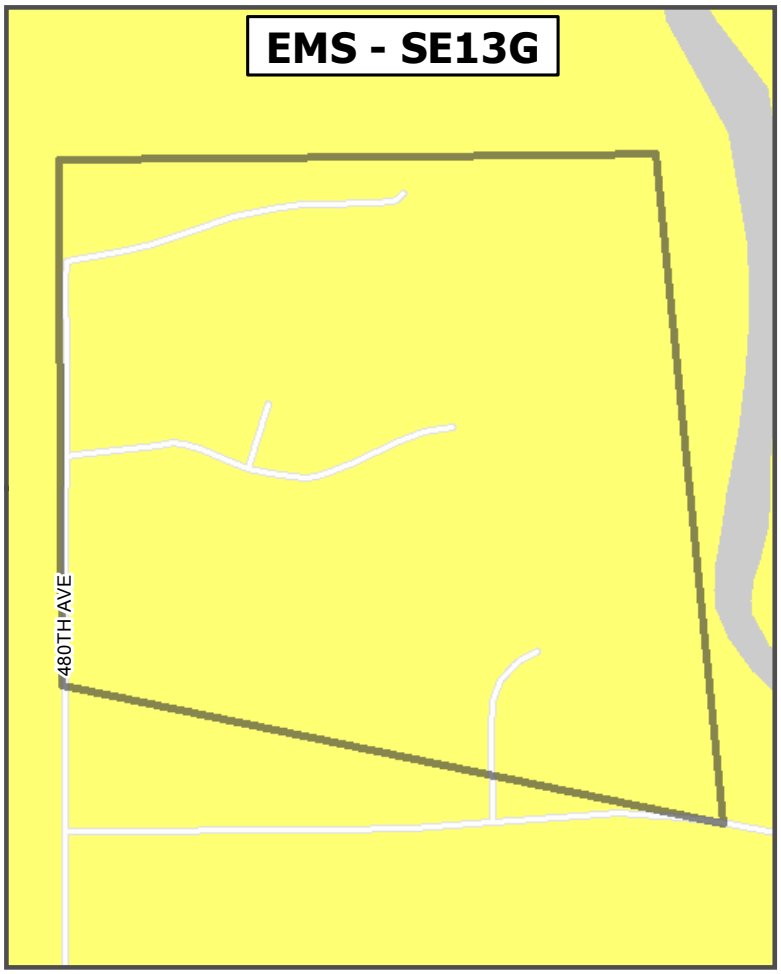
Floodplain

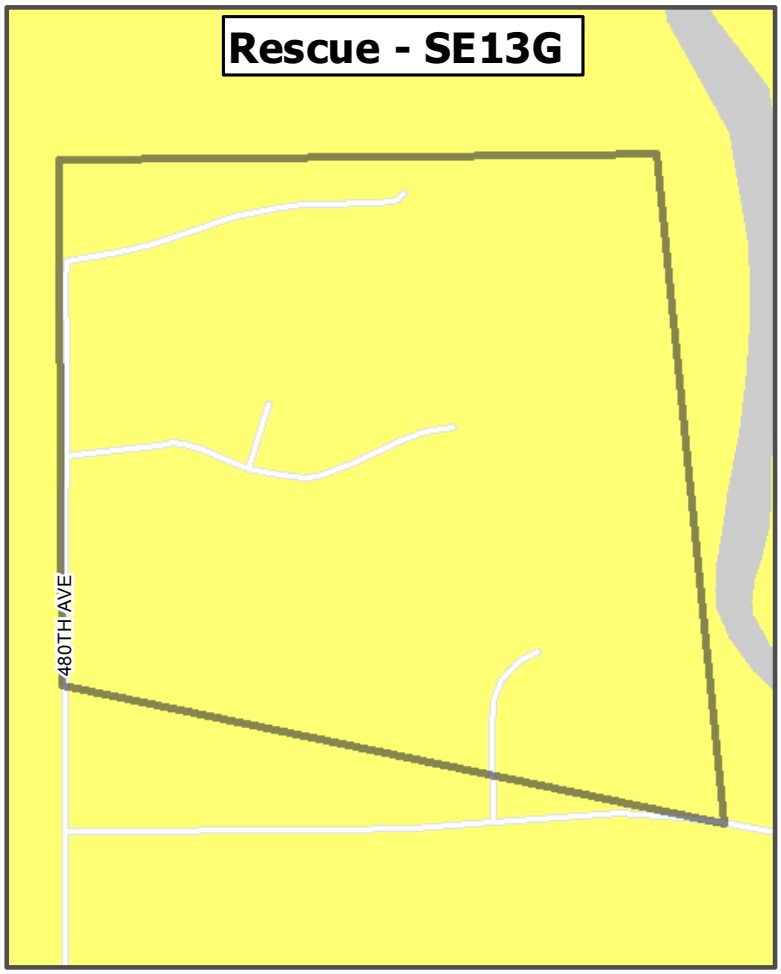
0.2 percent Annual Chance

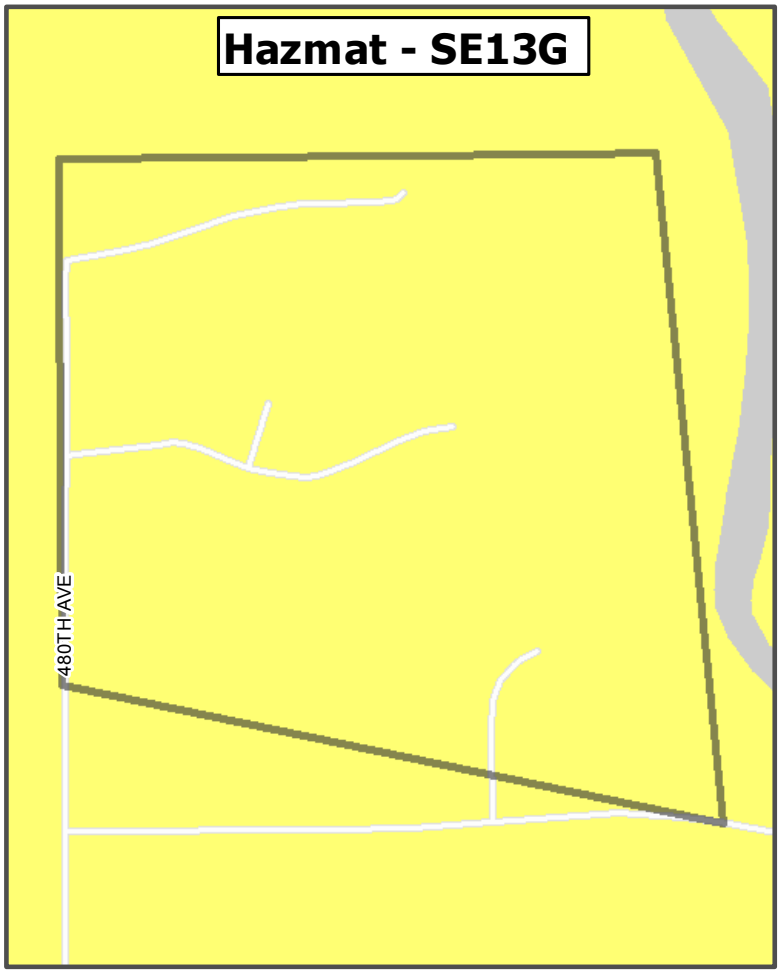
1 percent Annual Chance

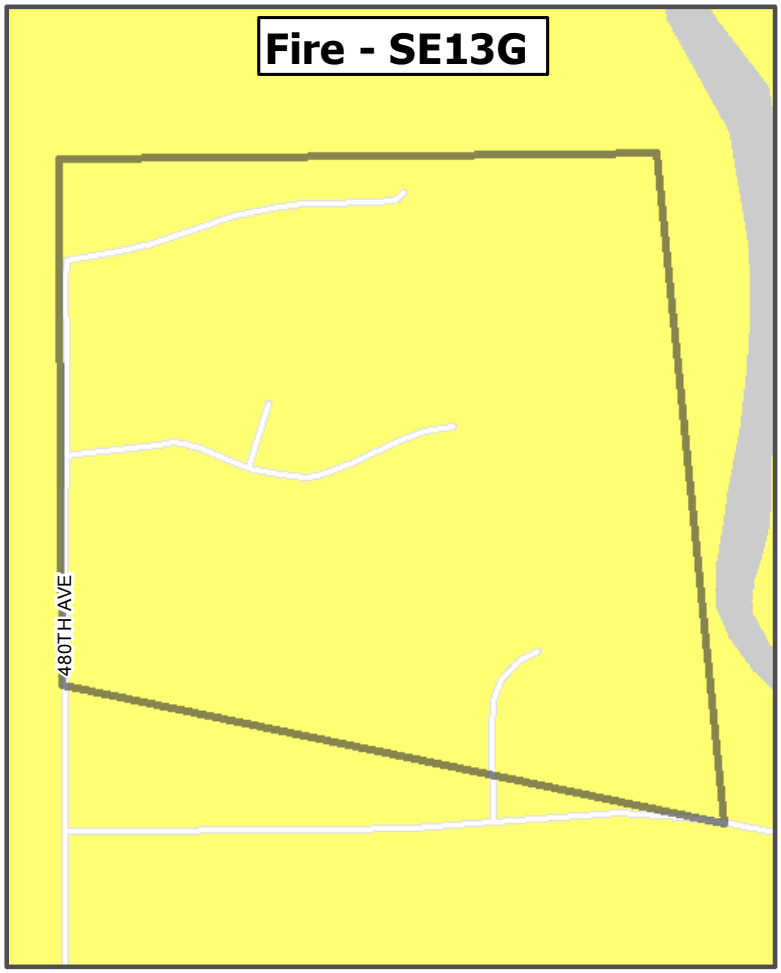







Low Moderate High Special

1 inch = 728 feet

# SE14F

Fire

Rescue

HazMat

EMS

SUB Substation

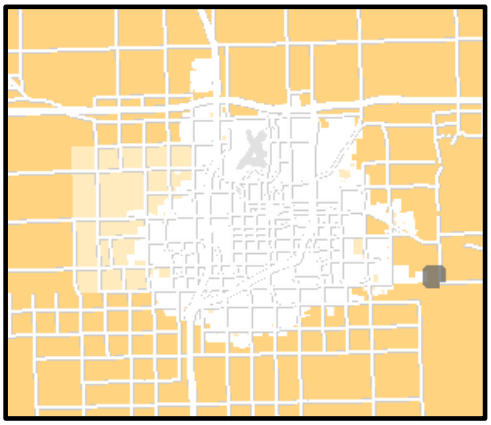
Transmission Line

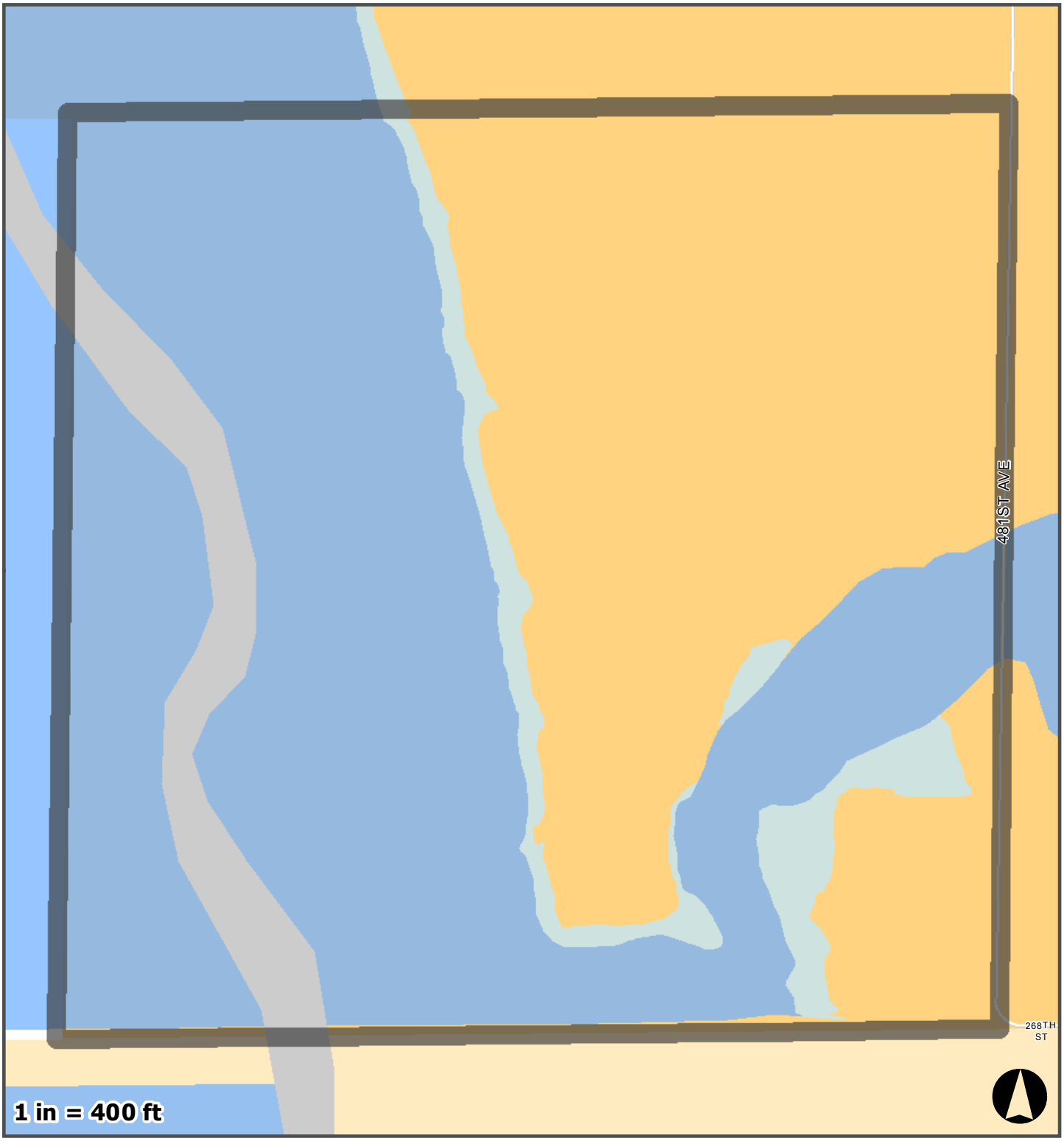
Major Gas Line

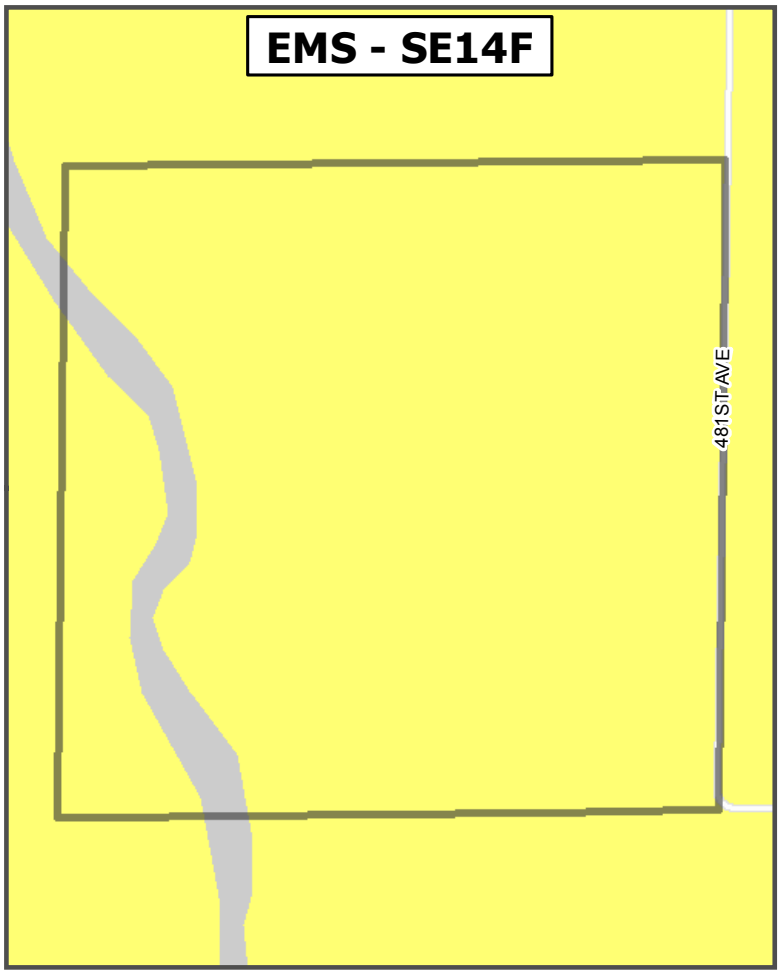
Floodplain

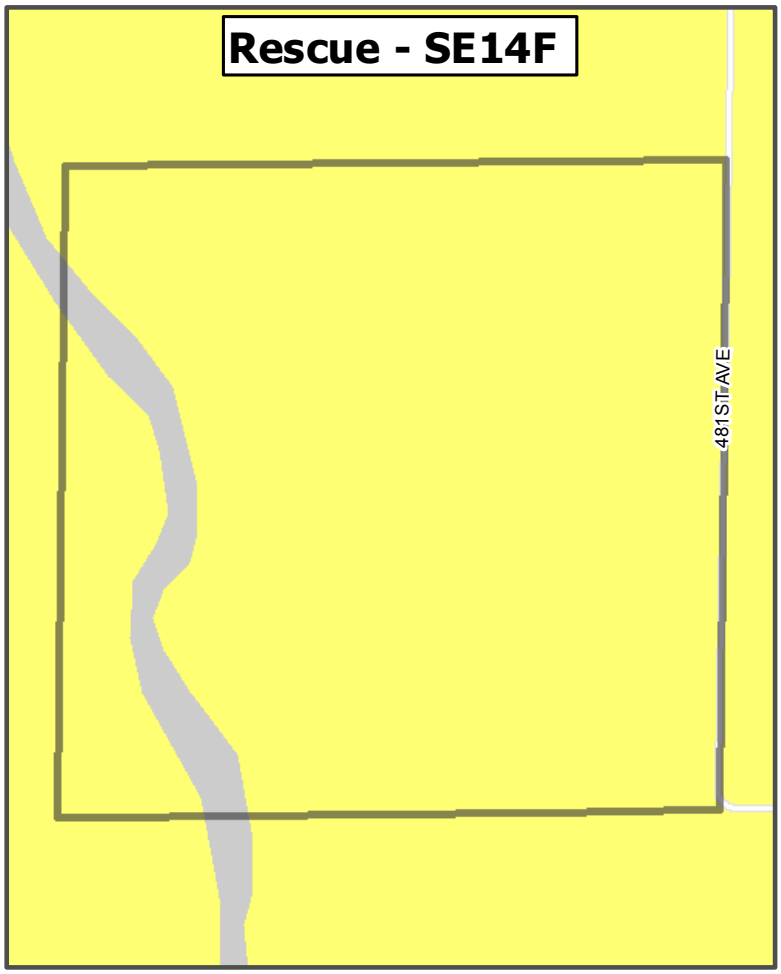
0.2 percent Annual Chance

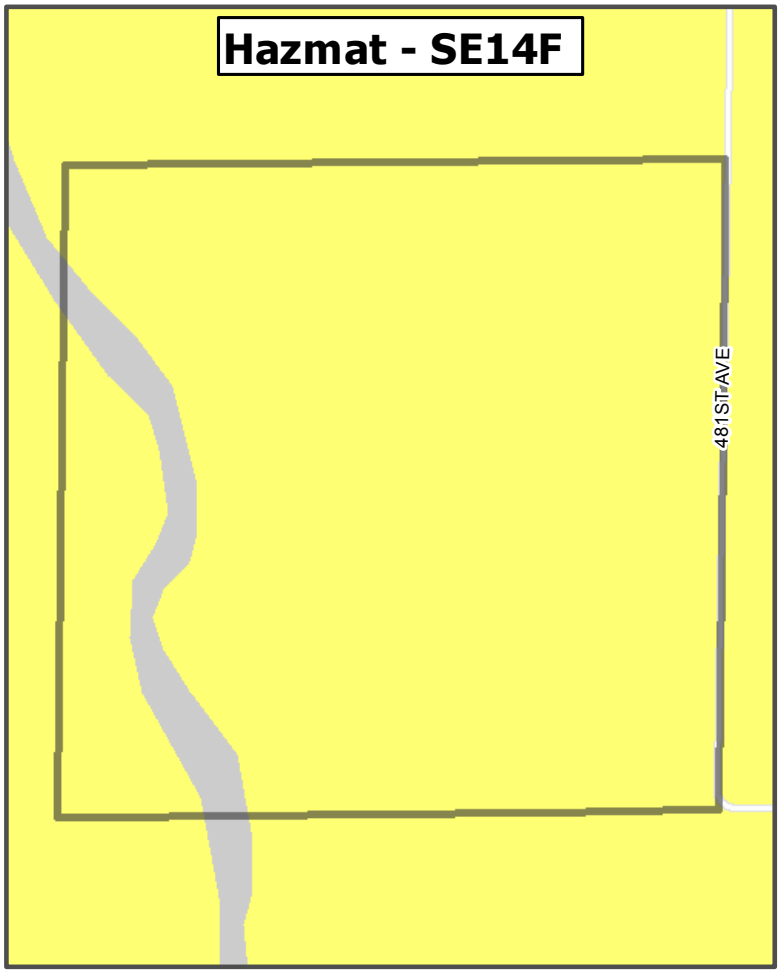
1 percent Annual Chance

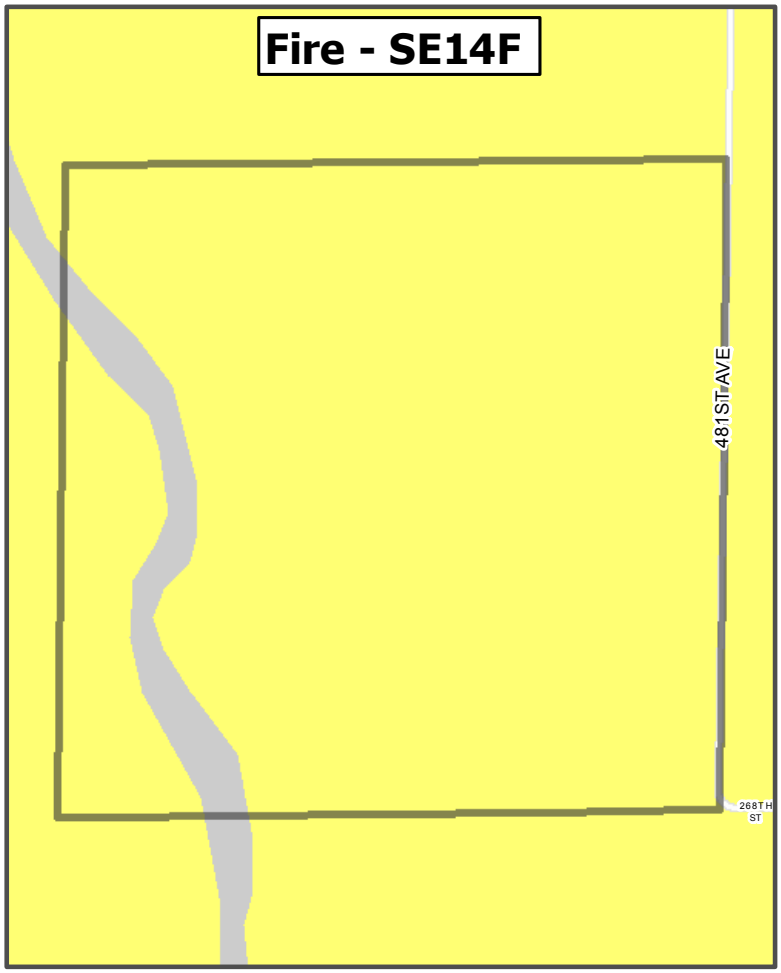







Low | Moderate | High | Special

1 inch = 773 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1A

| Frequency of Fires | |
|---|---|
| Residential | 2 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 1 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 130 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 8 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | High | High | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail Line intersects this quadrant | | |
| WATERFORD AT ALL SAINTS | Type 2 | Nursing Home |
| DAVENPORT EVANS HURWITZ SMITH | Type 2 | High Rise |

# SE1A

Fire

Rescue

HazMat

EMS

SUB Substation

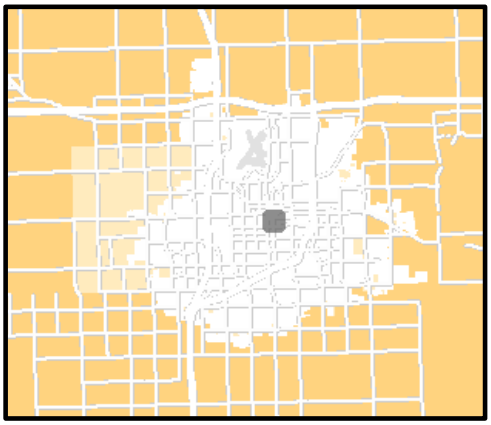
Transmission Line

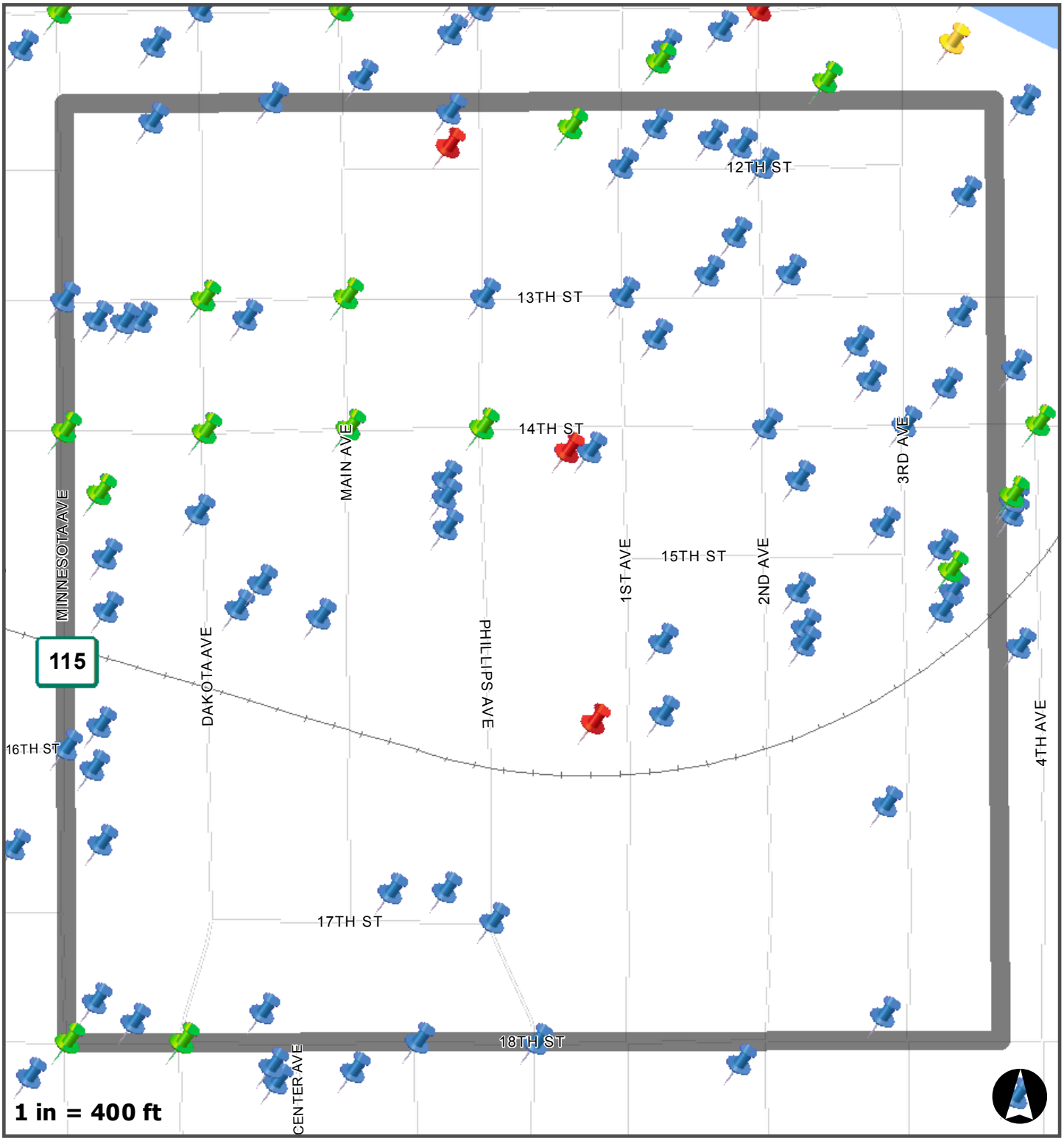
Major Gas Line

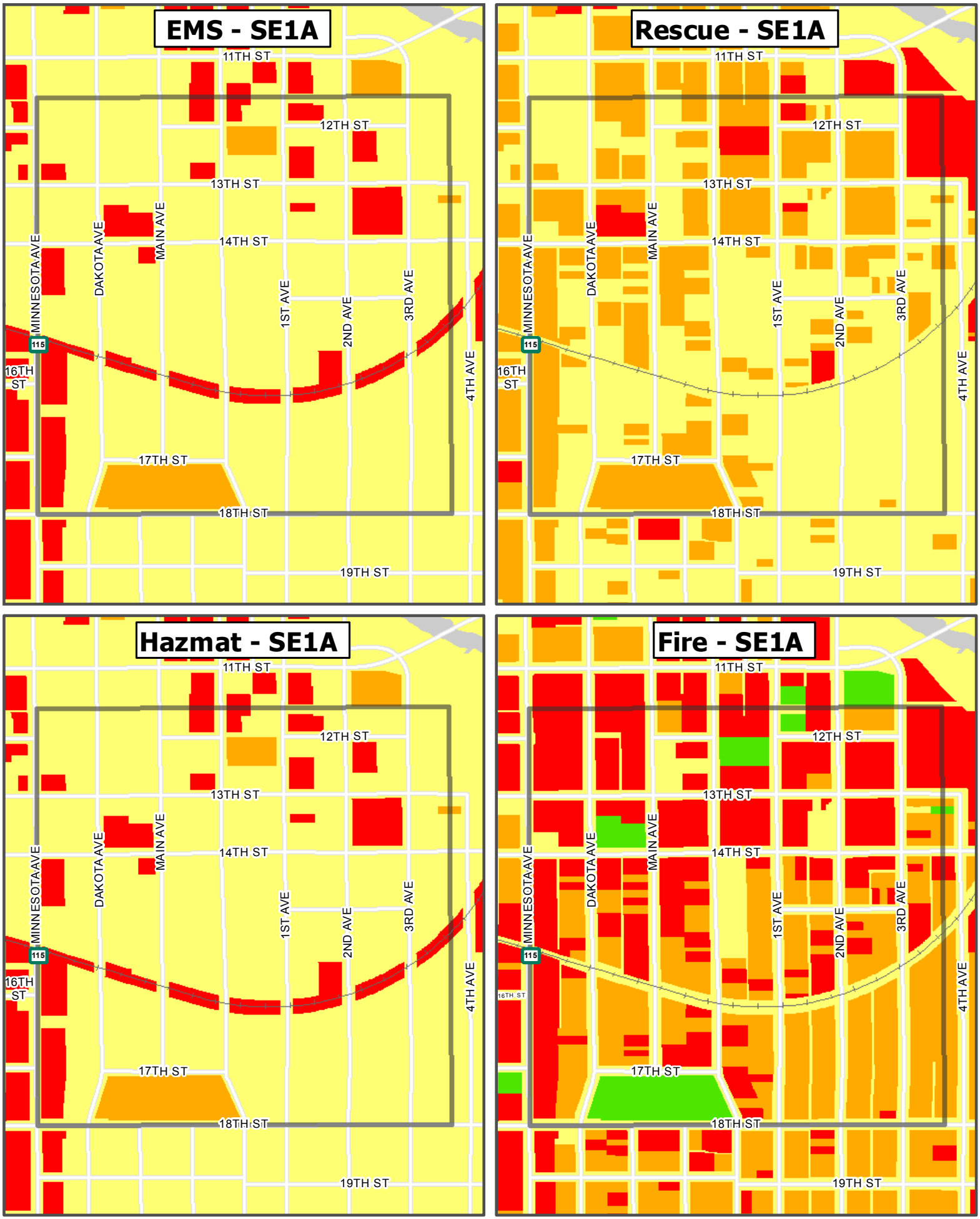
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance








Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1B-3

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 1 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 14 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE1B_3

Fire

Rescue

HazMat

EMS

SUB Substation

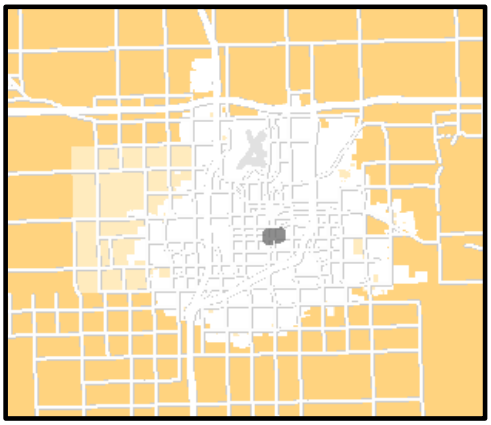
Transmission Line

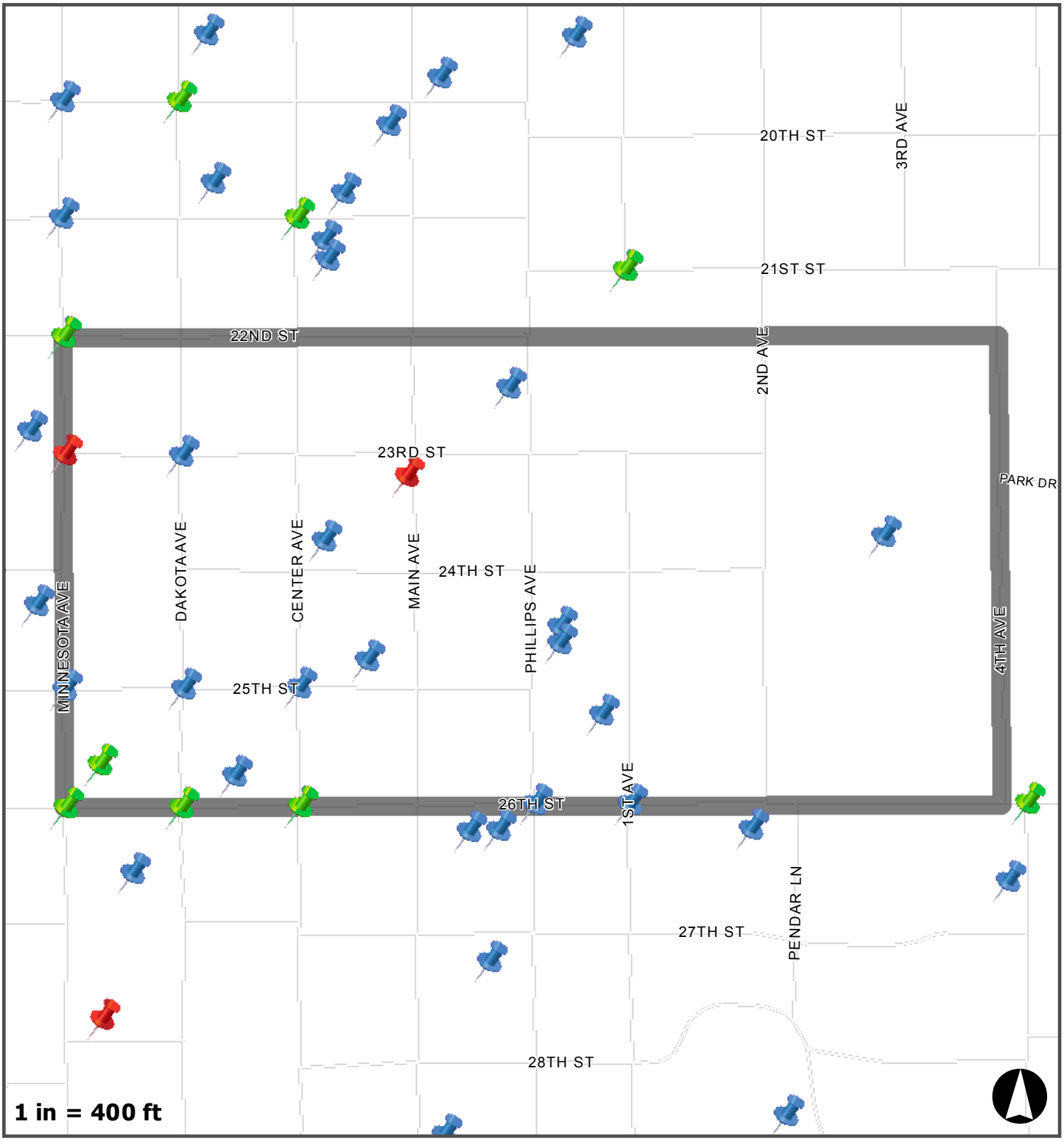
Major Gas Line

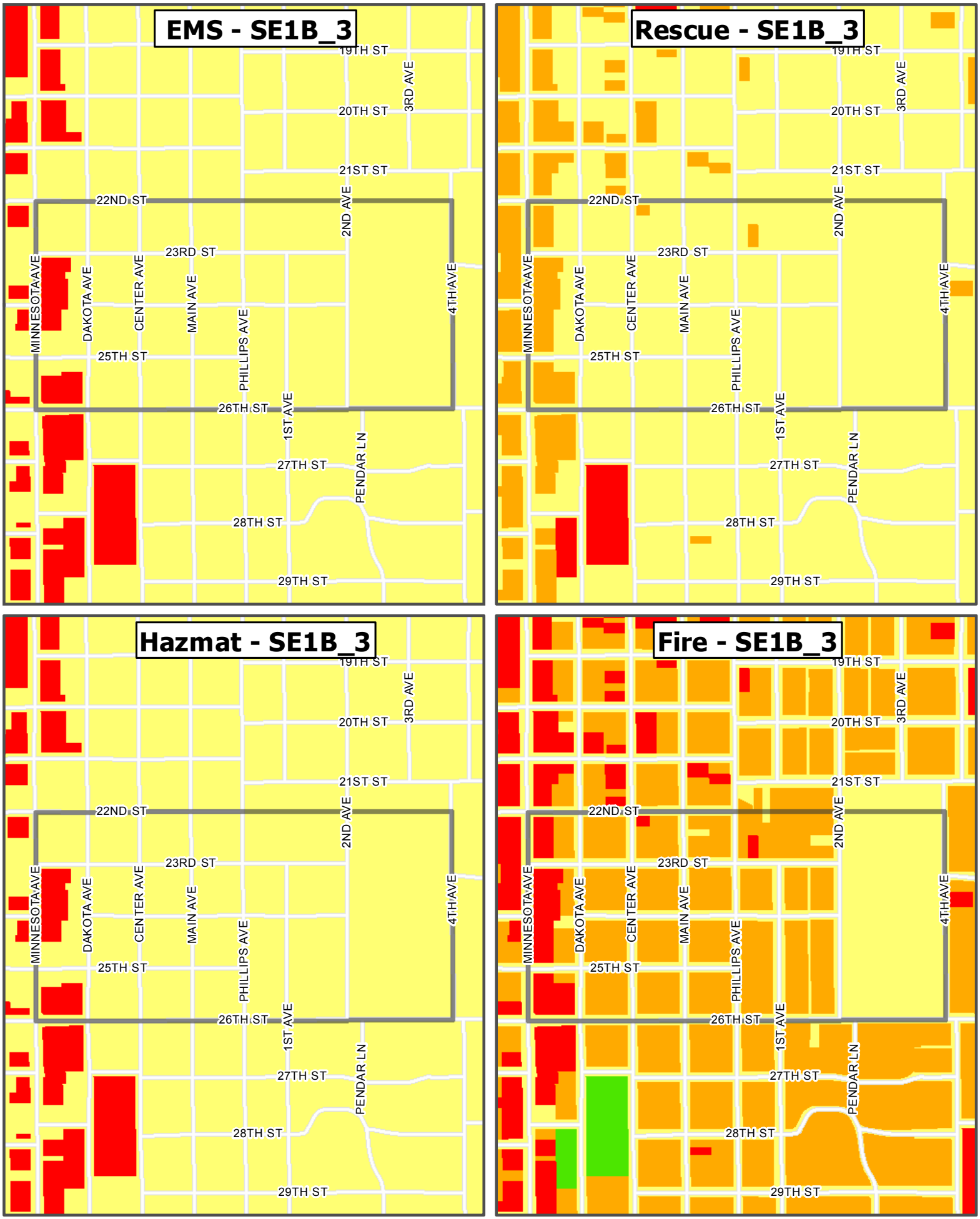
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






EMS - SE1B_3
Rescue - SE1B_3
Hazmat - SE1B_3
Fire - SE1B_3
19TH ST
20TH ST
21ST ST
22ND ST
23RD ST
25TH ST
26TH ST
27TH ST
28TH ST
29TH ST
3RD AVE
2ND AVE
1ST AVE
4TH AVE
MINNESOTA AVE
DAKOTA AVE
CENTER AVE
MAIN AVE
PHILLIPS AVE
PENDAR LN
Low
Moderate
High
Special
1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1B-51

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 5 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 23 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE1B_51

Fire

Rescue

HazMat

EMS

SUB Substation

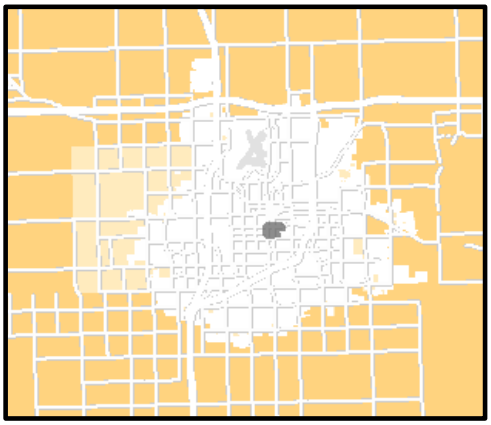
Transmission Line

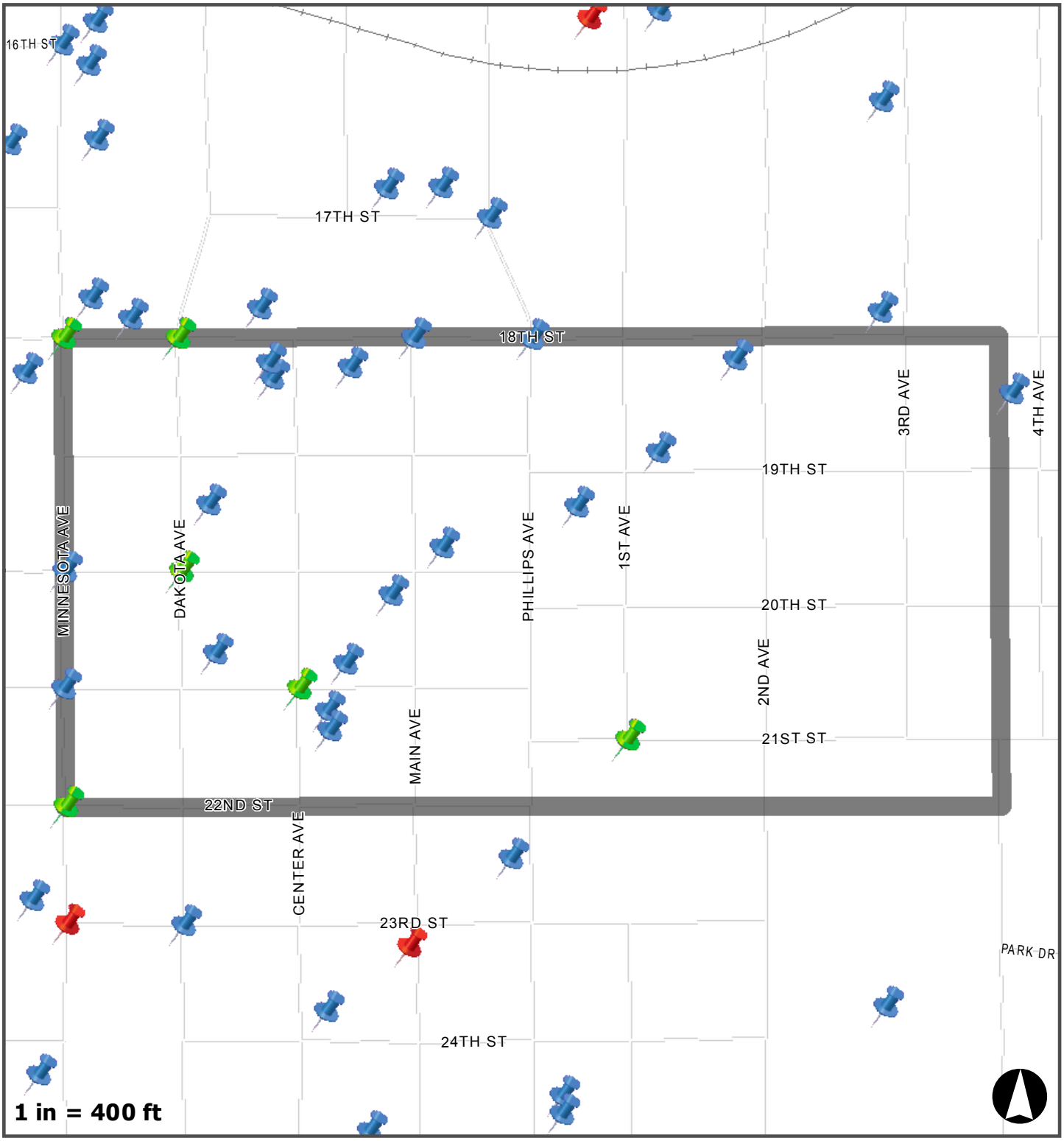
Major Gas Line

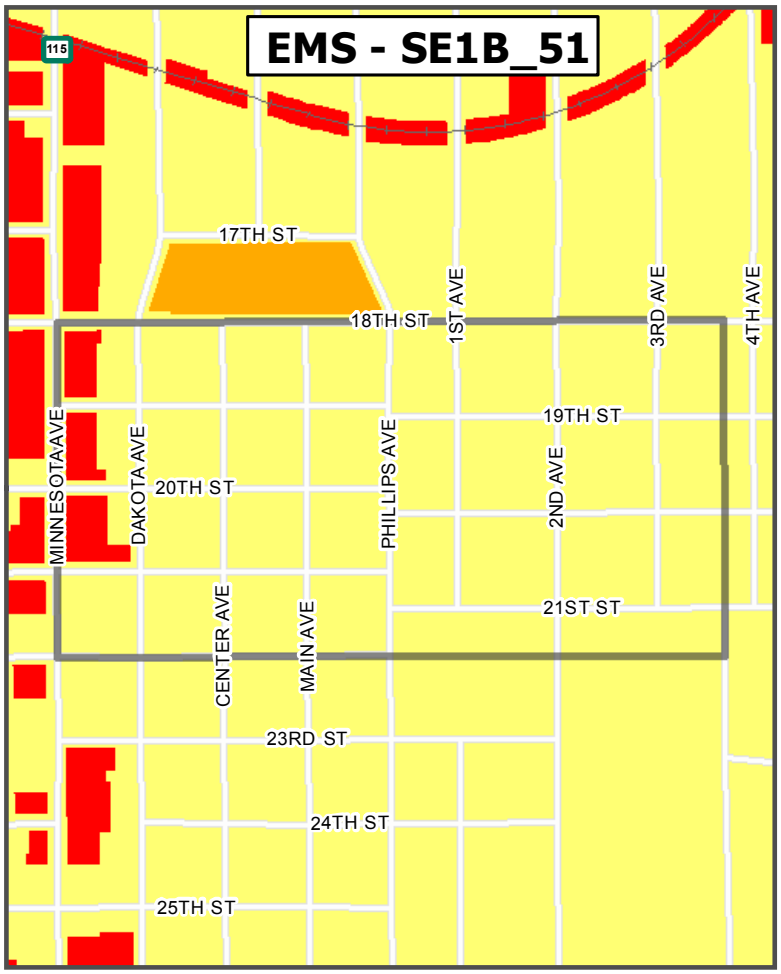
Floodplain

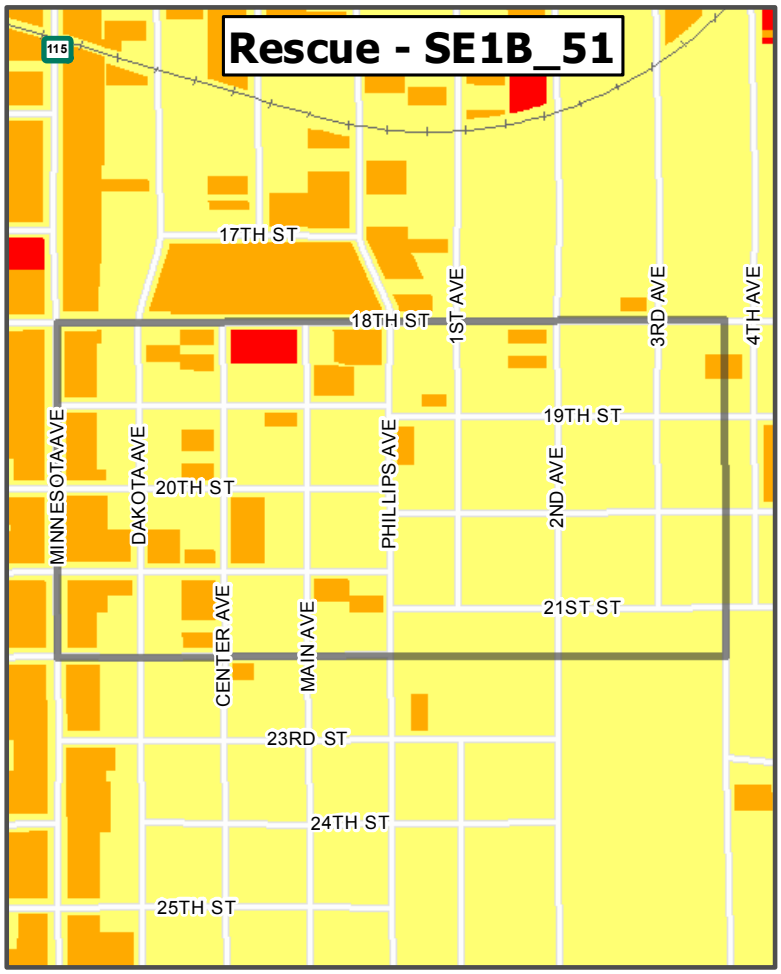
0.2 percent Annual Chance

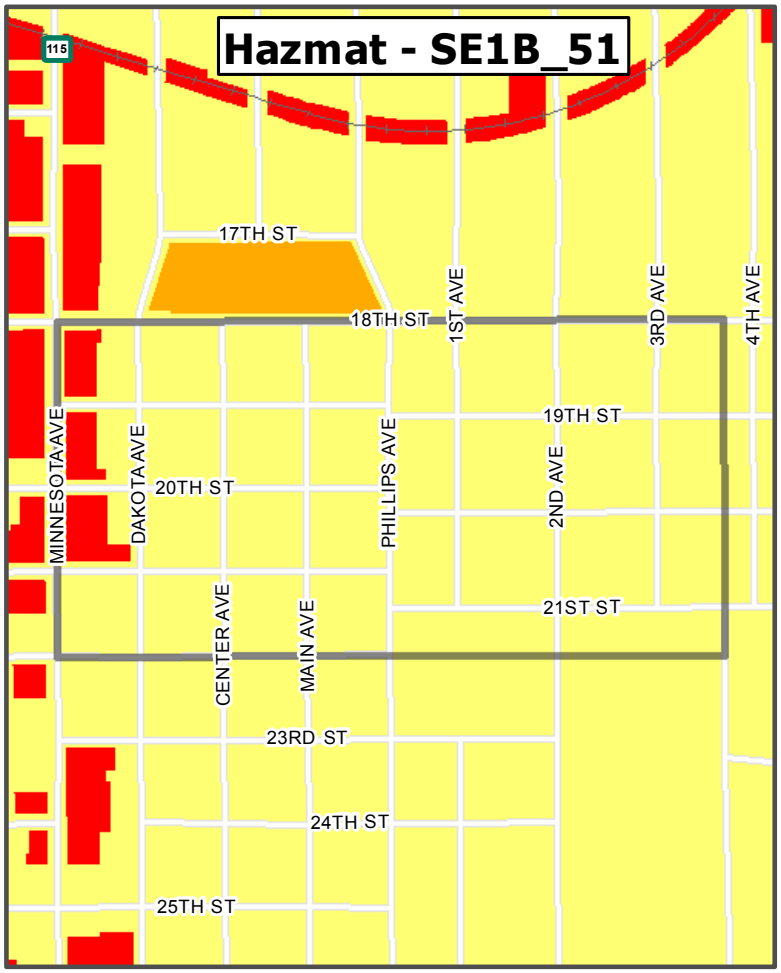
1 percent Annual Chance

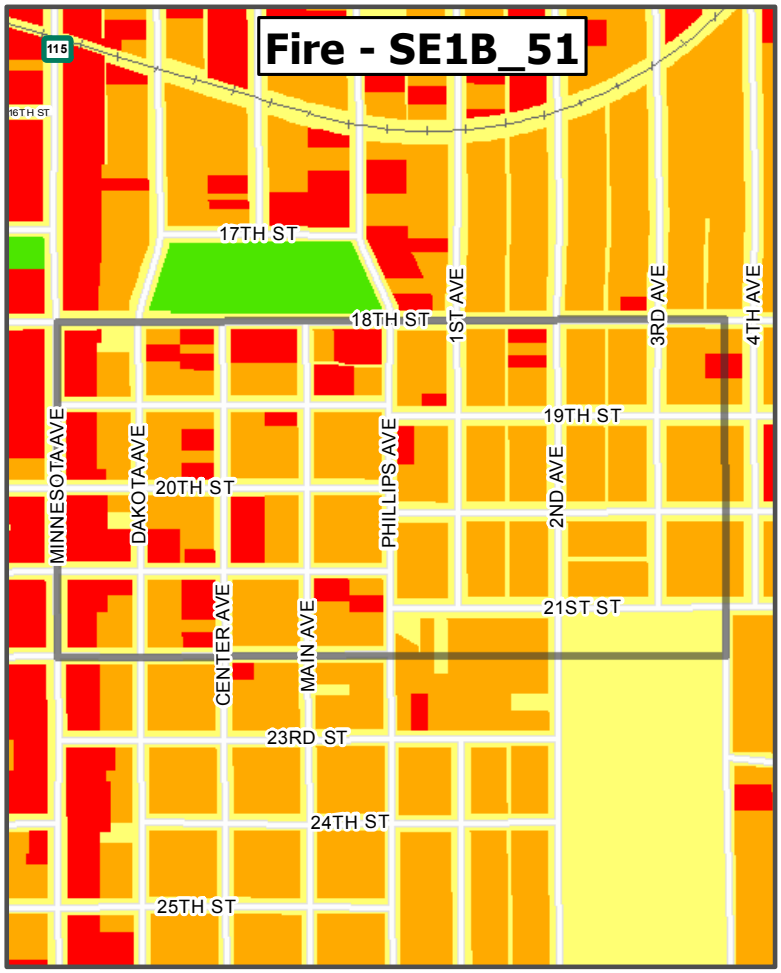







Low | Moderate | High | Special

1 inch = 762 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1C

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 1 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 5 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 31 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| MARK TWAIN ELEMENTARY | Type 1 | School |

# SE1C

Fire

Rescue

HazMat

EMS

SUB Substation

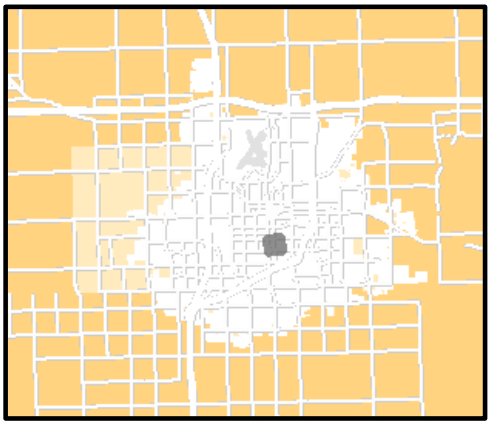
Transmission Line

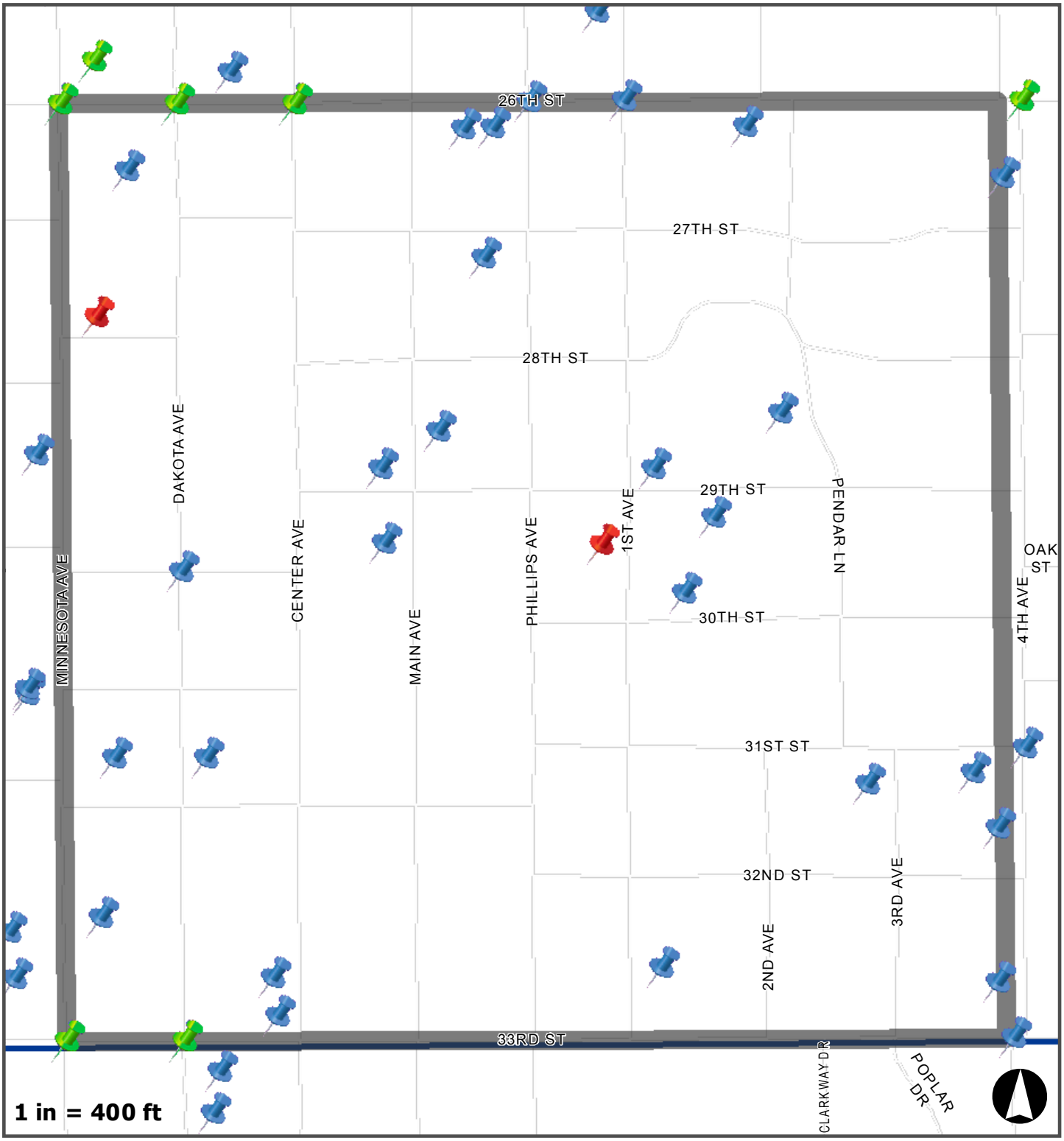
Major Gas Line

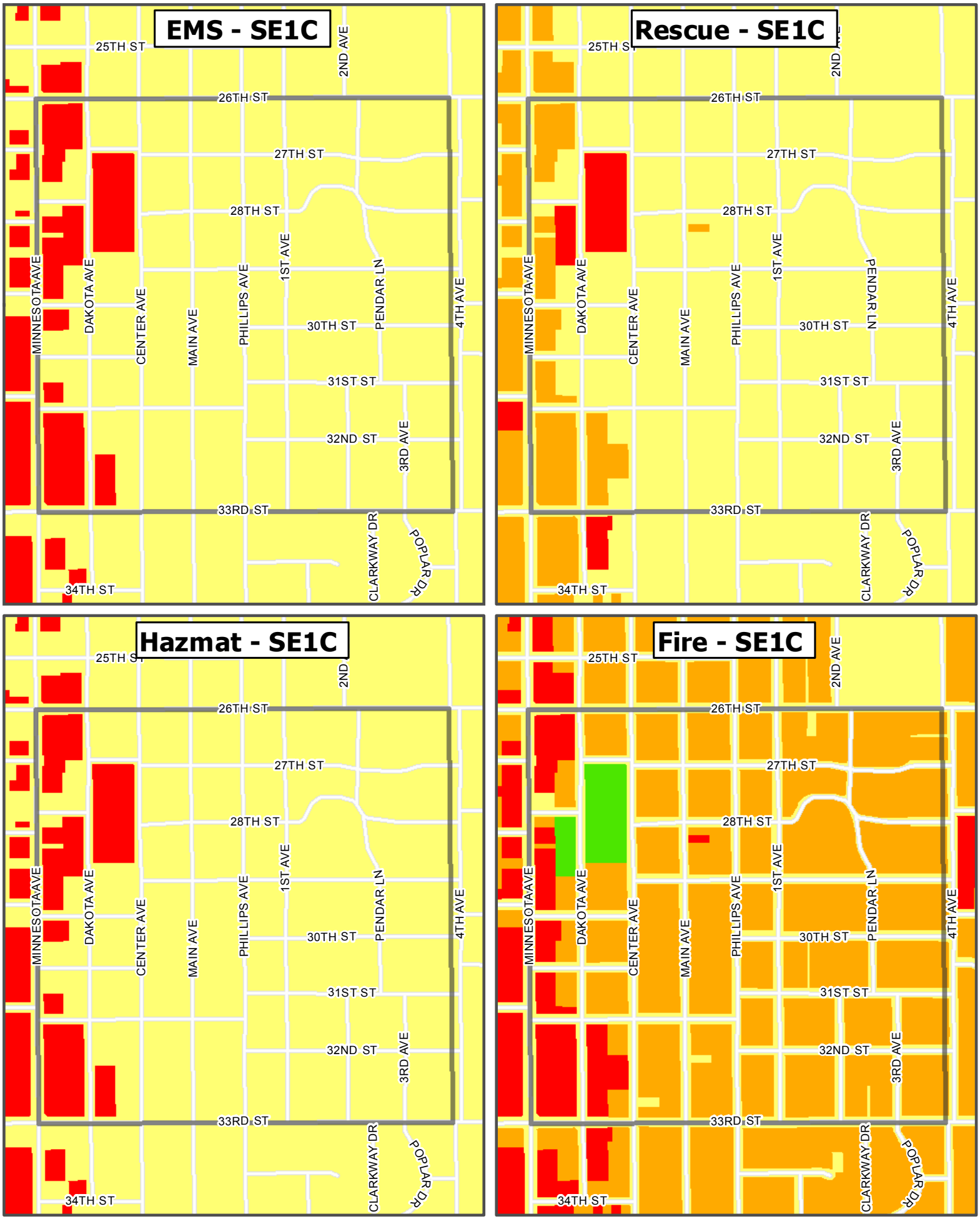
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance








Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1D

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 4 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 59 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| SF LUTHERAN SCHOOL | Type 1 | School |
| ROBERT FROST ELEMENTARY | Type 1 | School |

# SE1D

Fire

Rescue

HazMat

EMS

SUB Substation

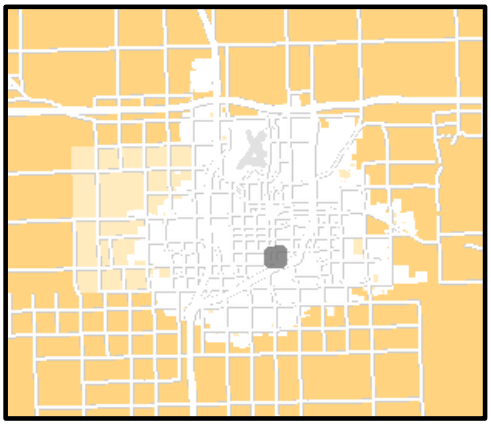
Transmission Line

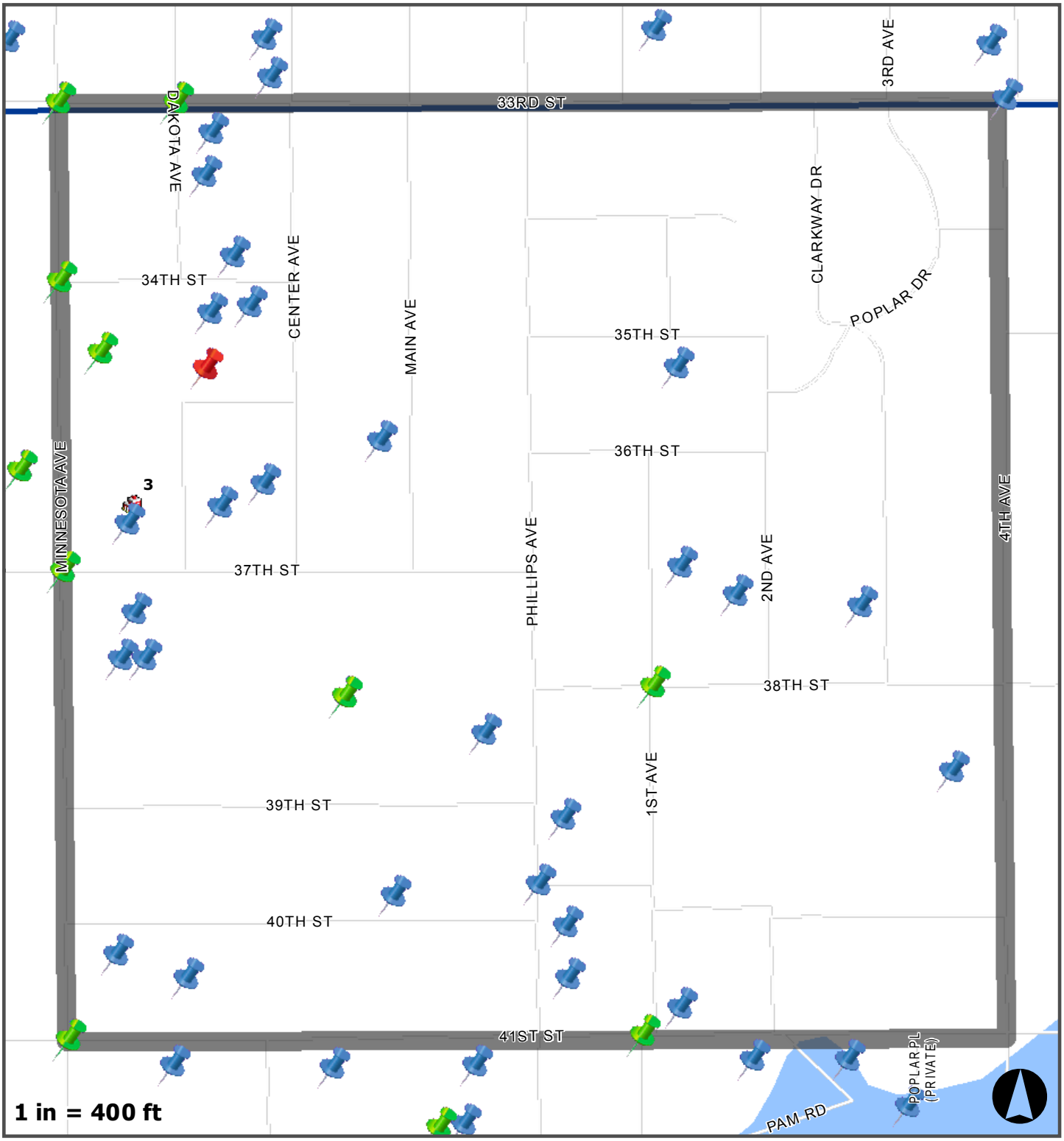
Major Gas Line

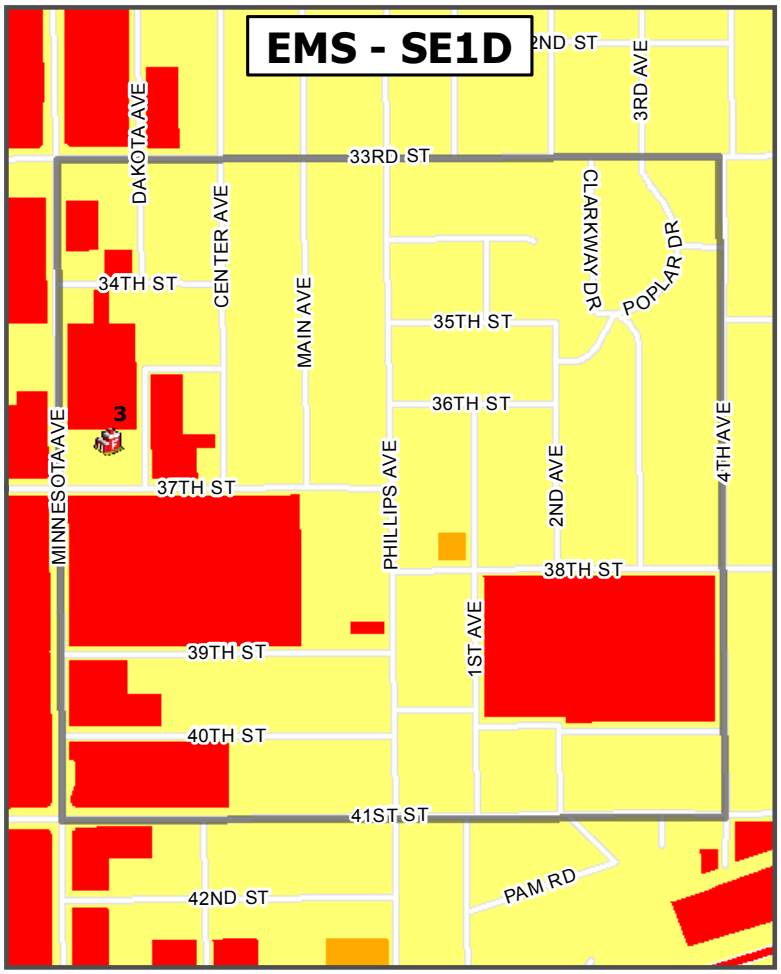
Floodplain

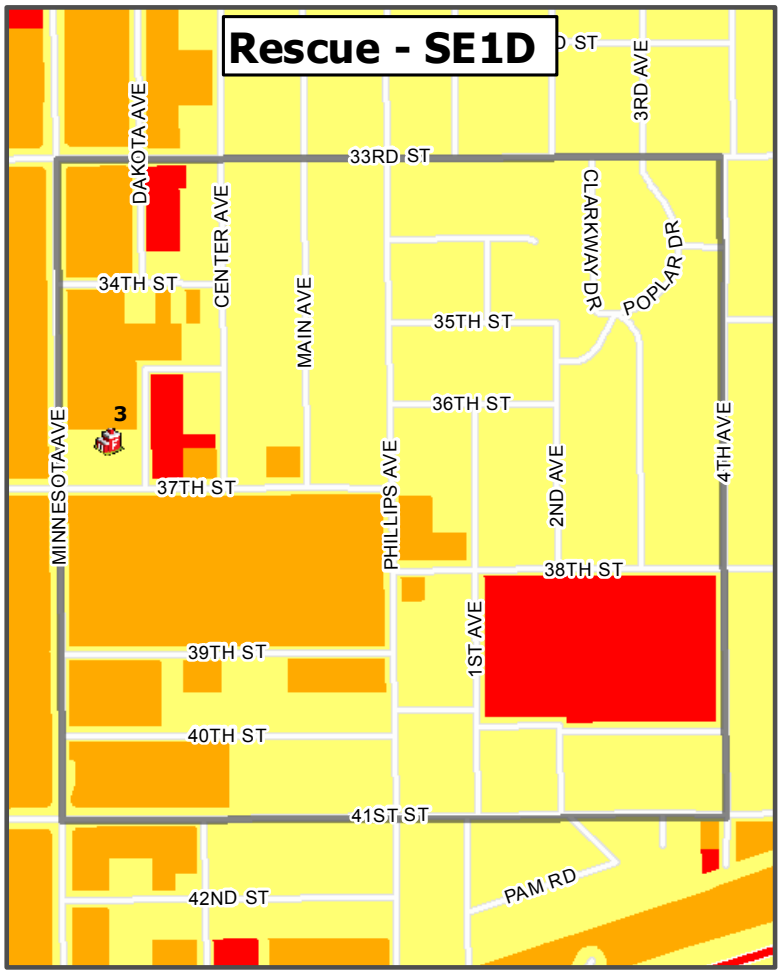
0.2 percent Annual Chance

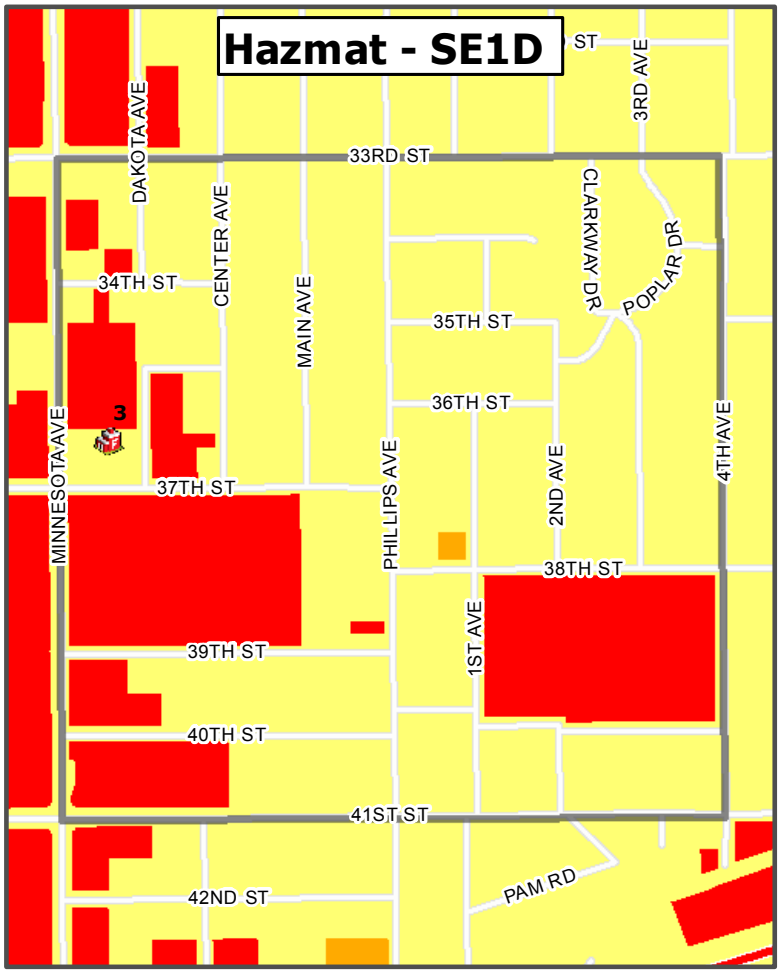
1 percent Annual Chance

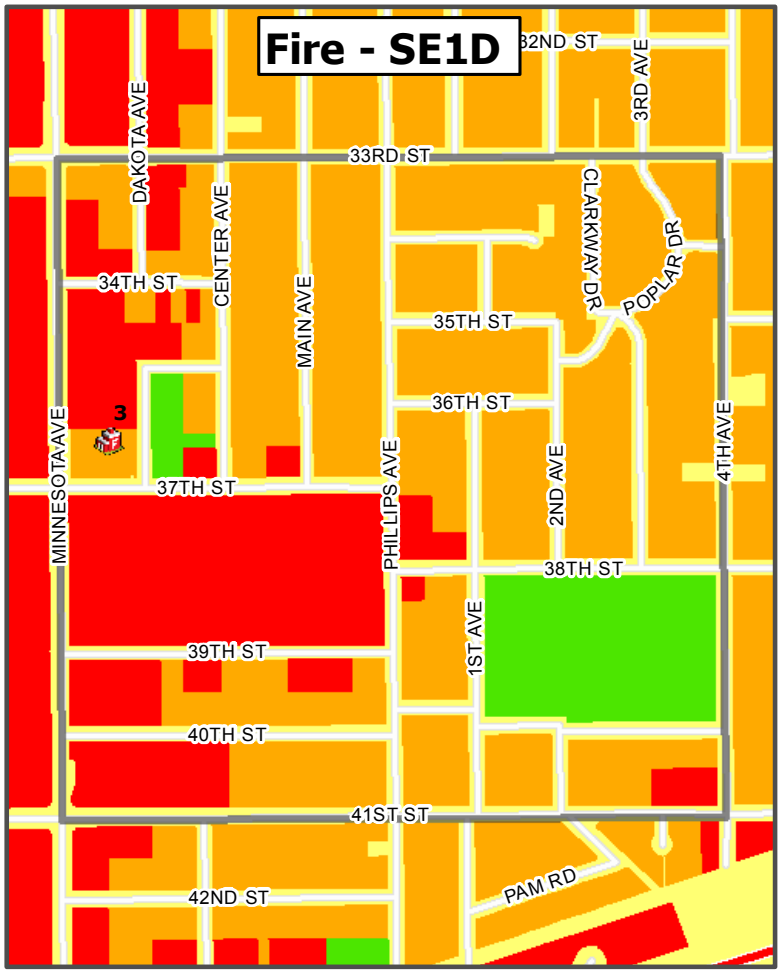







Low | Moderate | High | Special

1 inch = 771 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 19 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 7 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 80% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |

# SE1E

Fire

Rescue

HazMat

EMS

SUB Substation

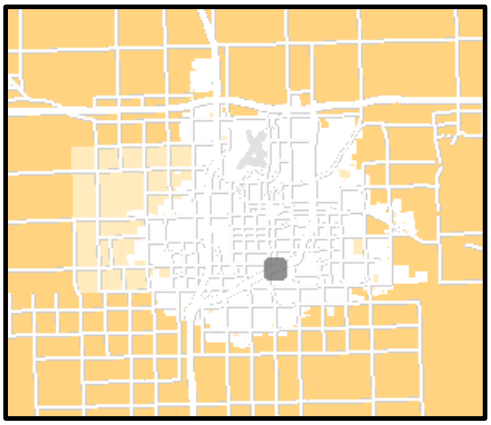
Transmission Line

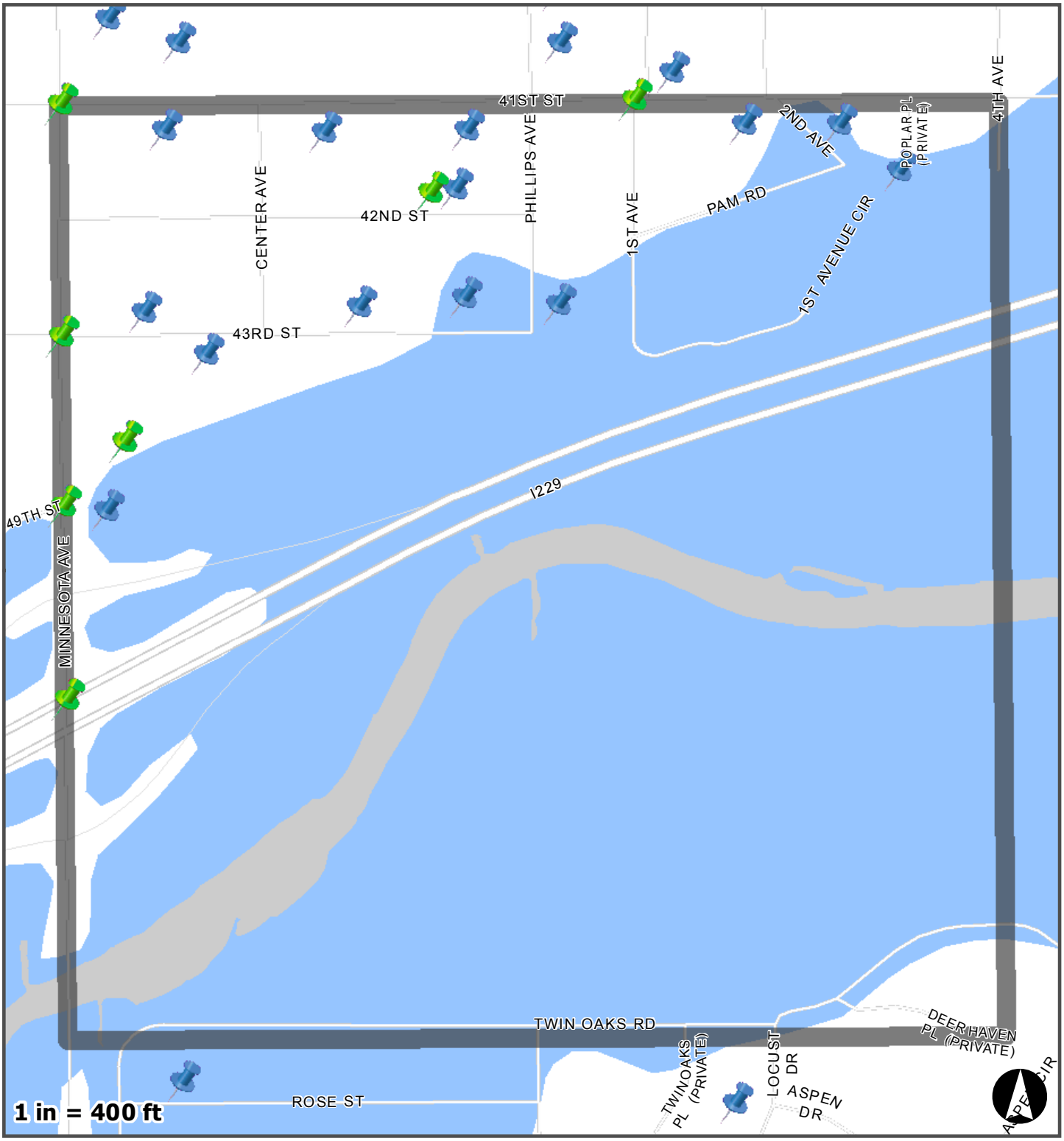
Major Gas Line

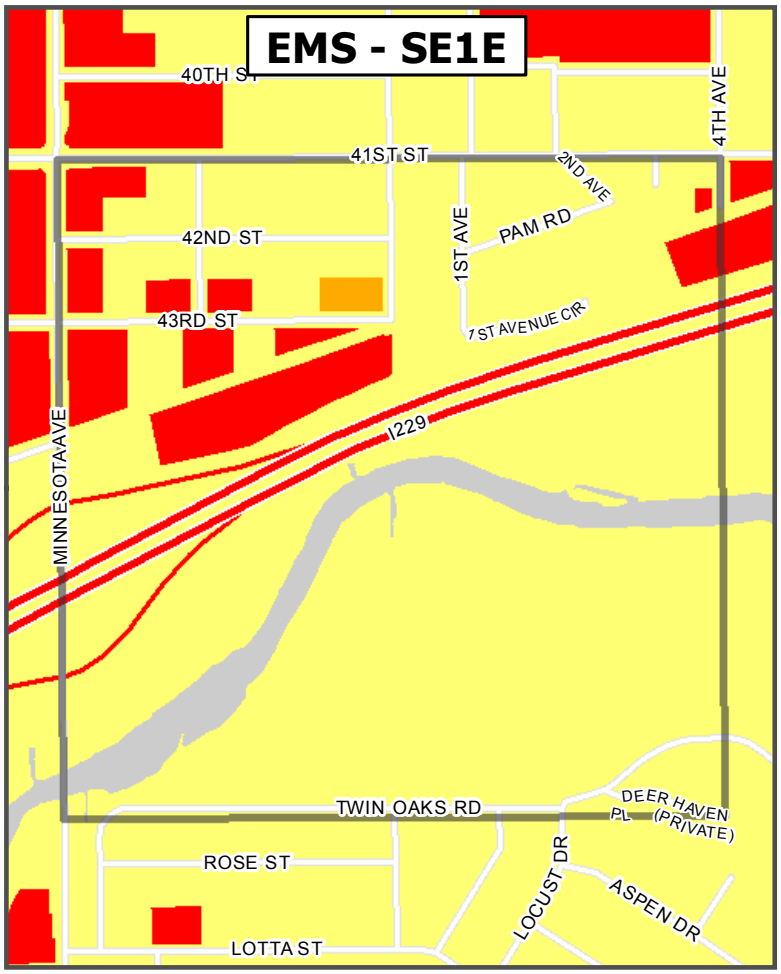
Floodplain

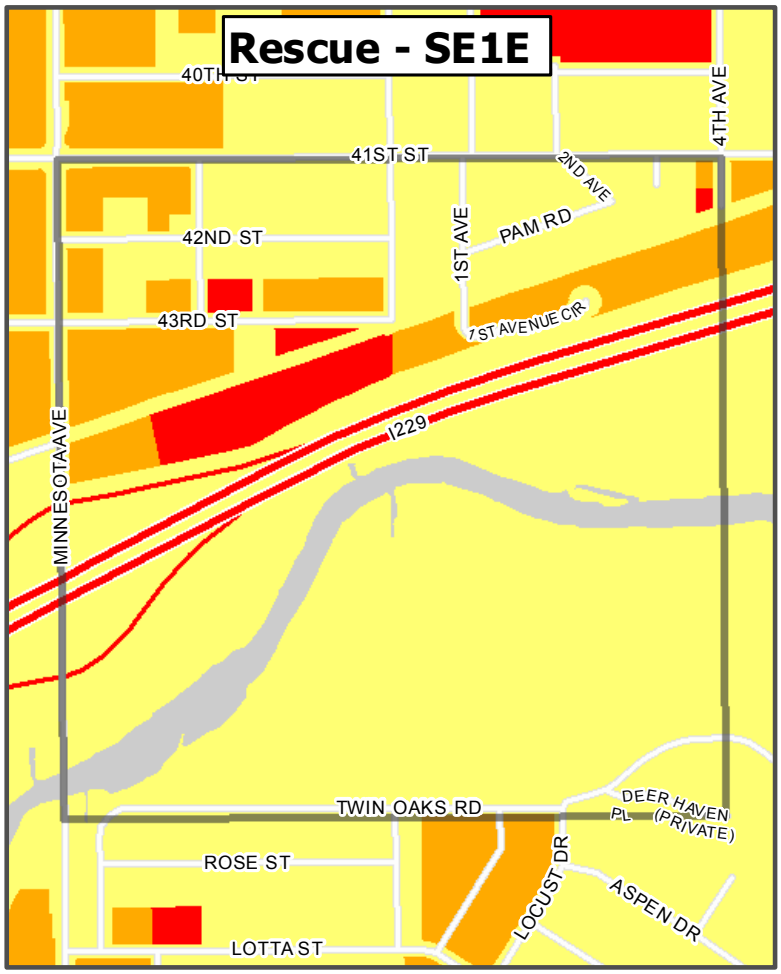
0.2 percent Annual Chance

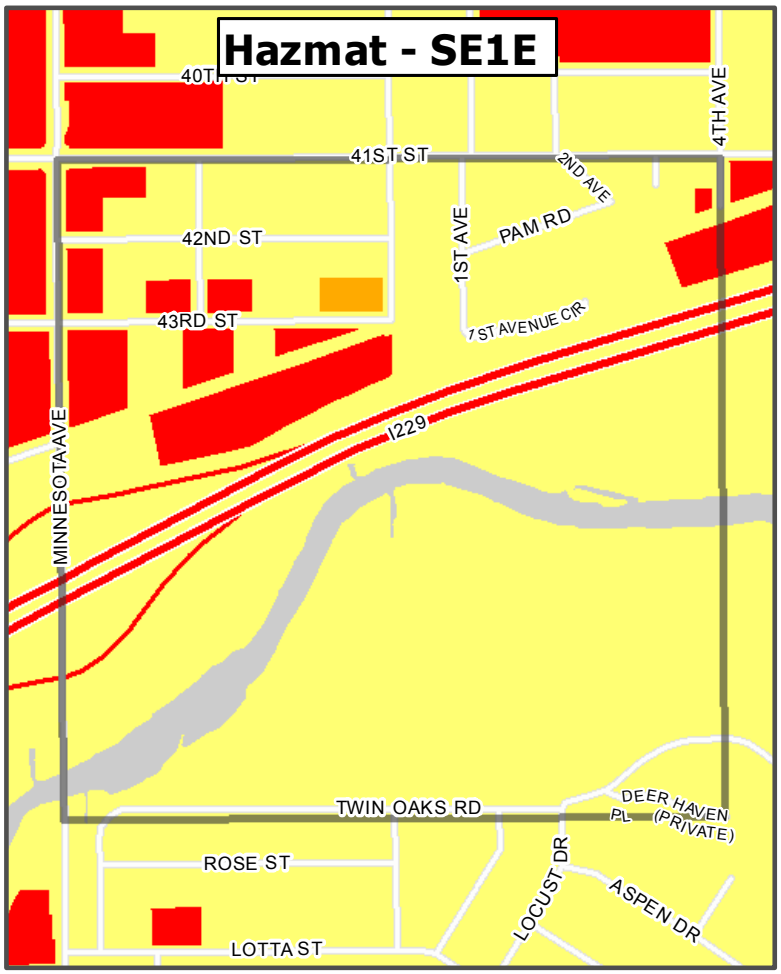
1 percent Annual Chance

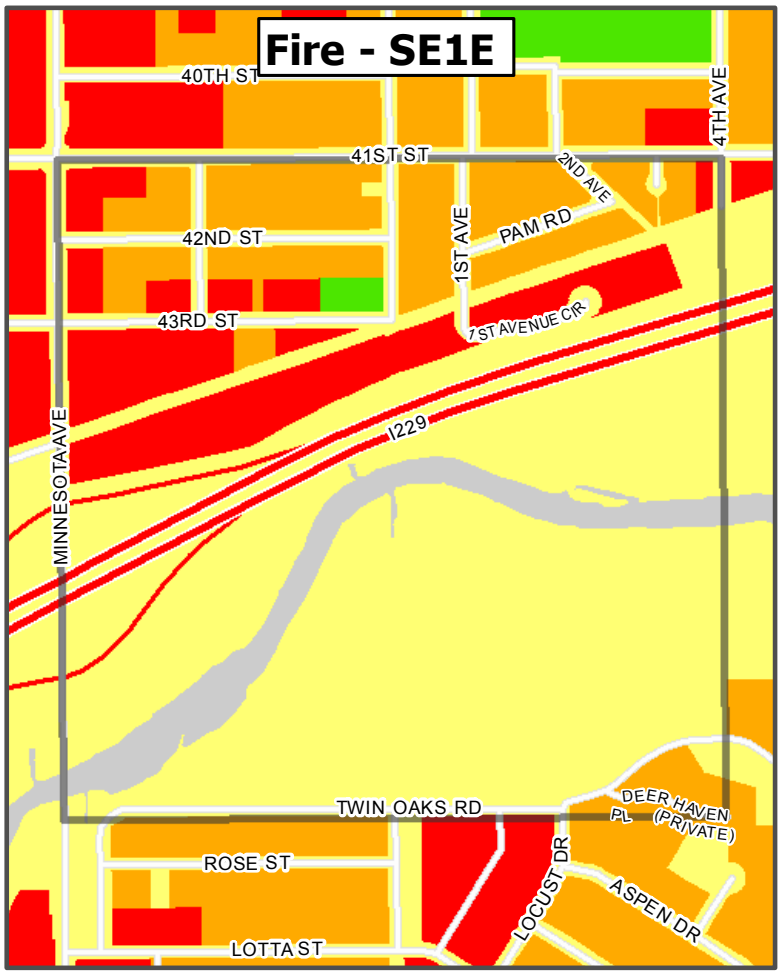







Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 6 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 18 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 10% of this quadrant lies in the flood plain | | |

# SE1F

Fire

Rescue

HazMat

EMS

SUB Substation

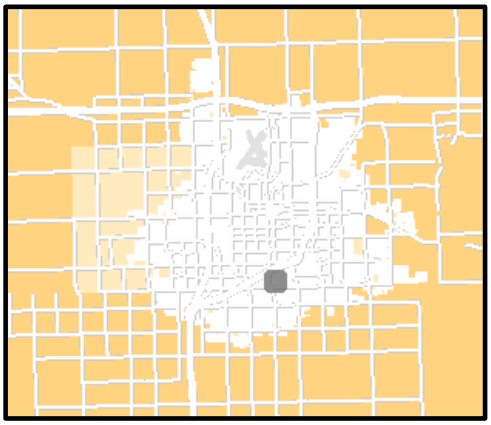
Transmission Line

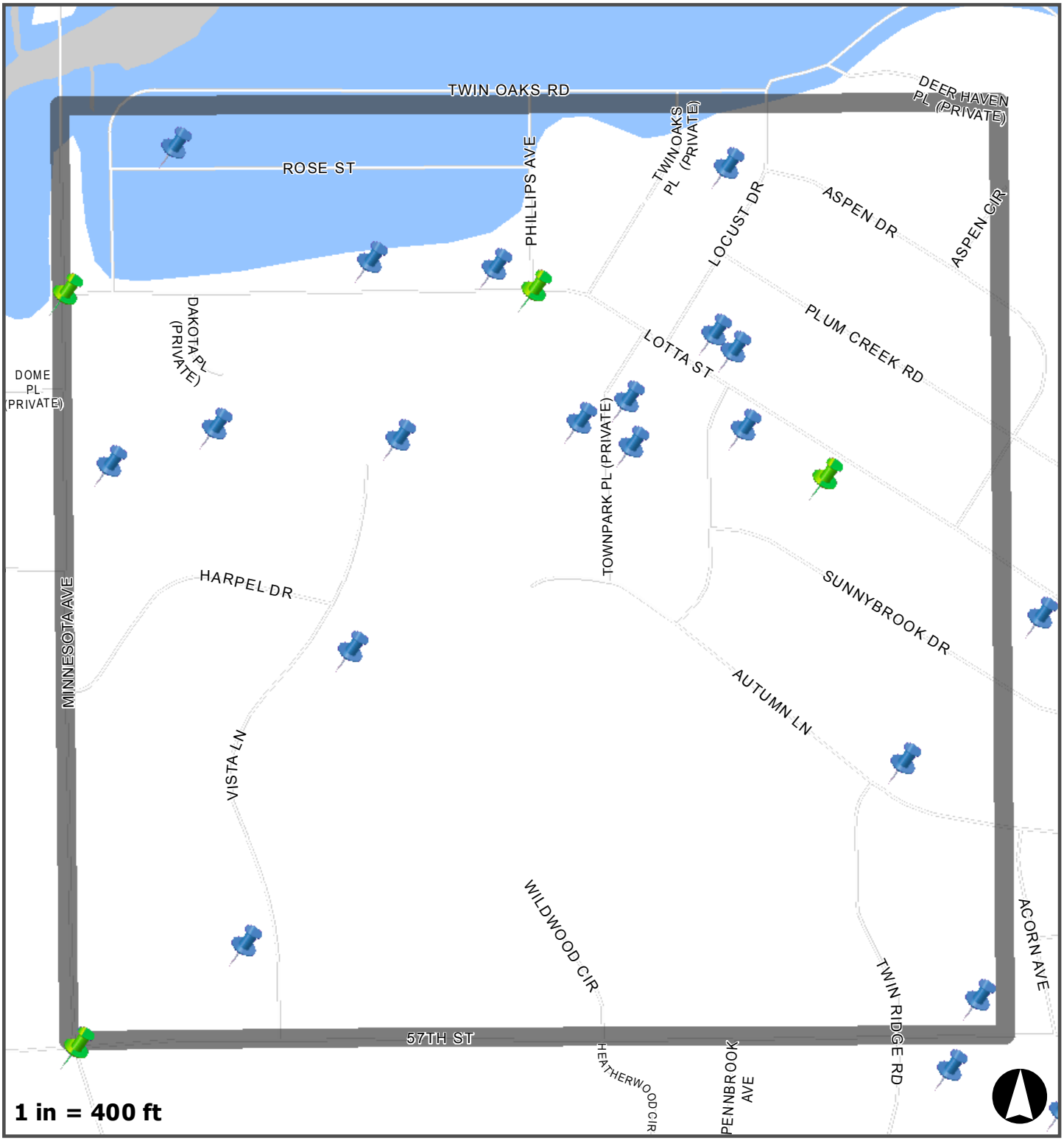
Major Gas Line

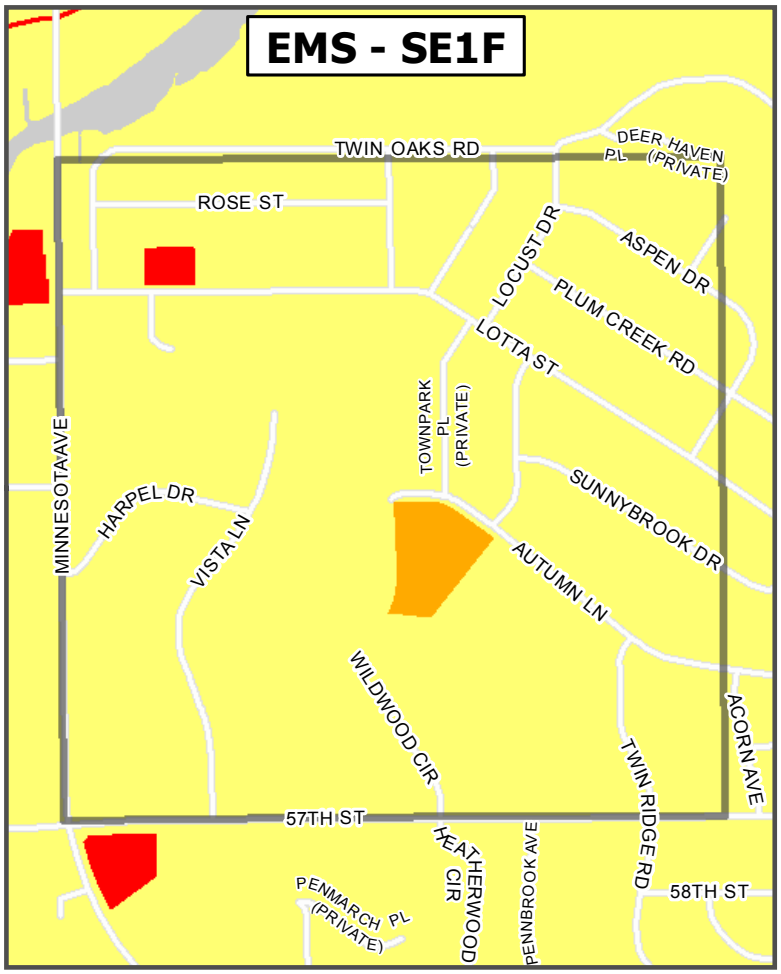
Floodplain

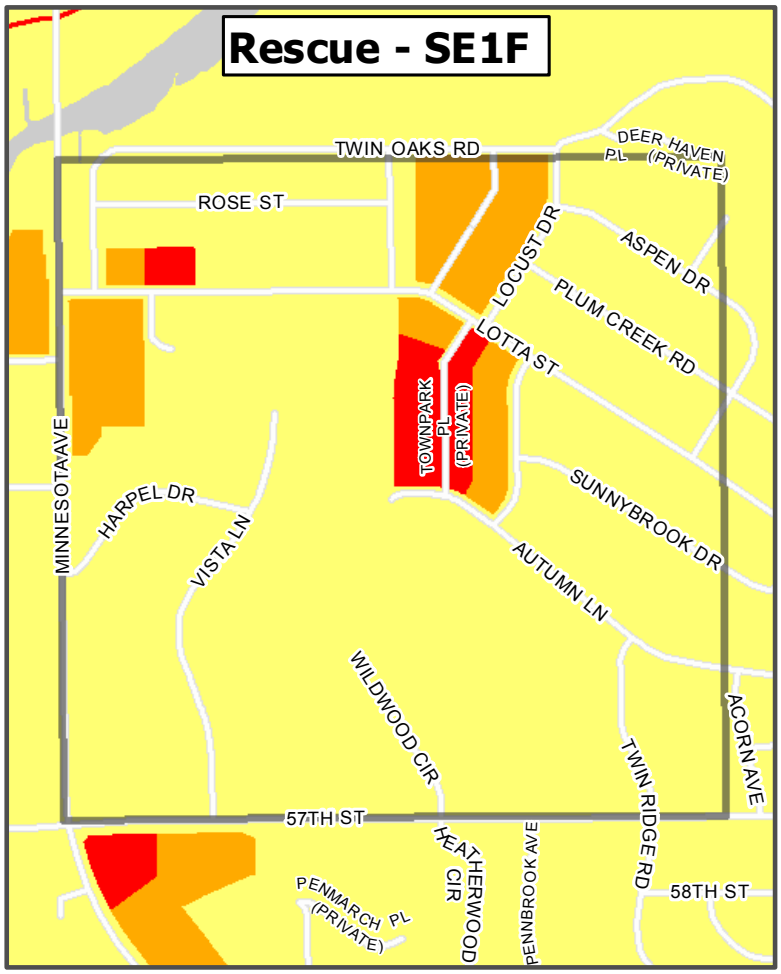
0.2 percent Annual Chance

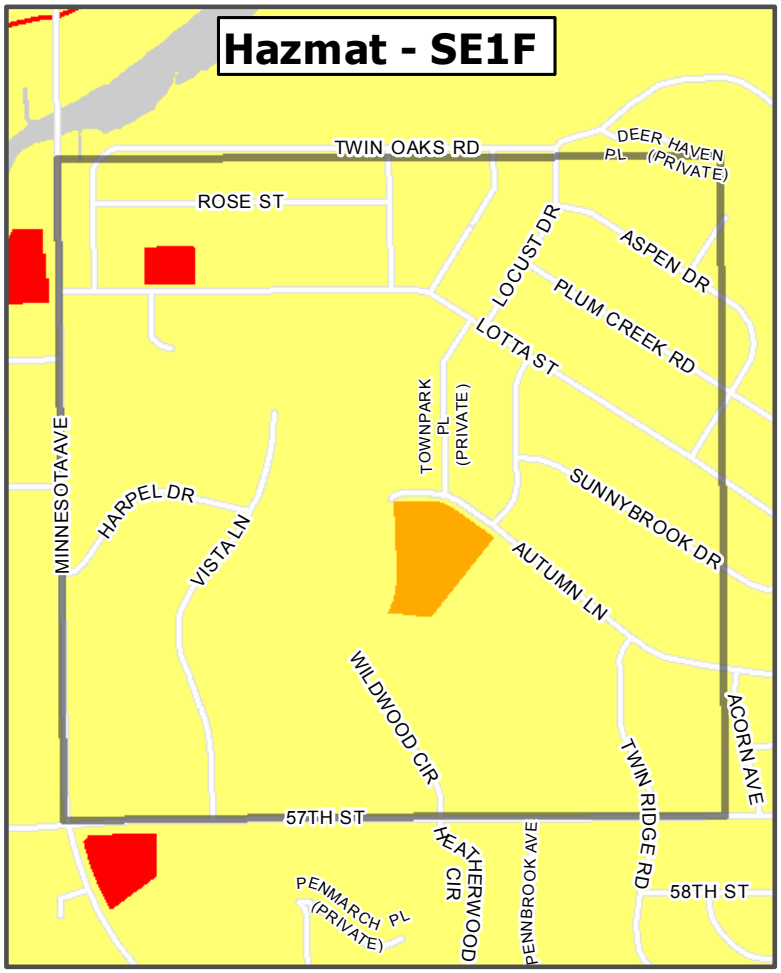
1 percent Annual Chance

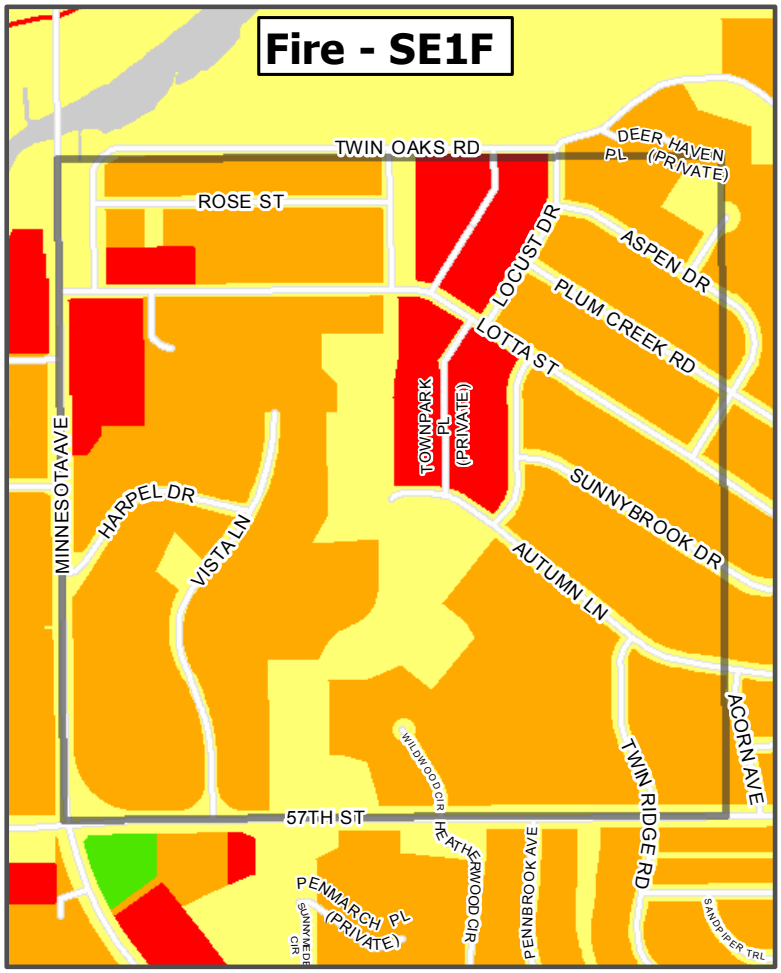







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 2 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE1G

Fire

Rescue

HazMat

EMS

SUB Substation

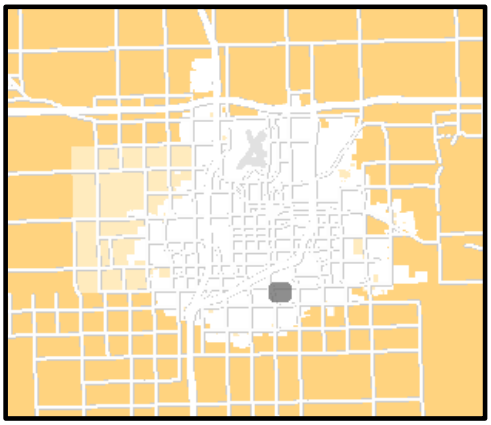
Transmission Line

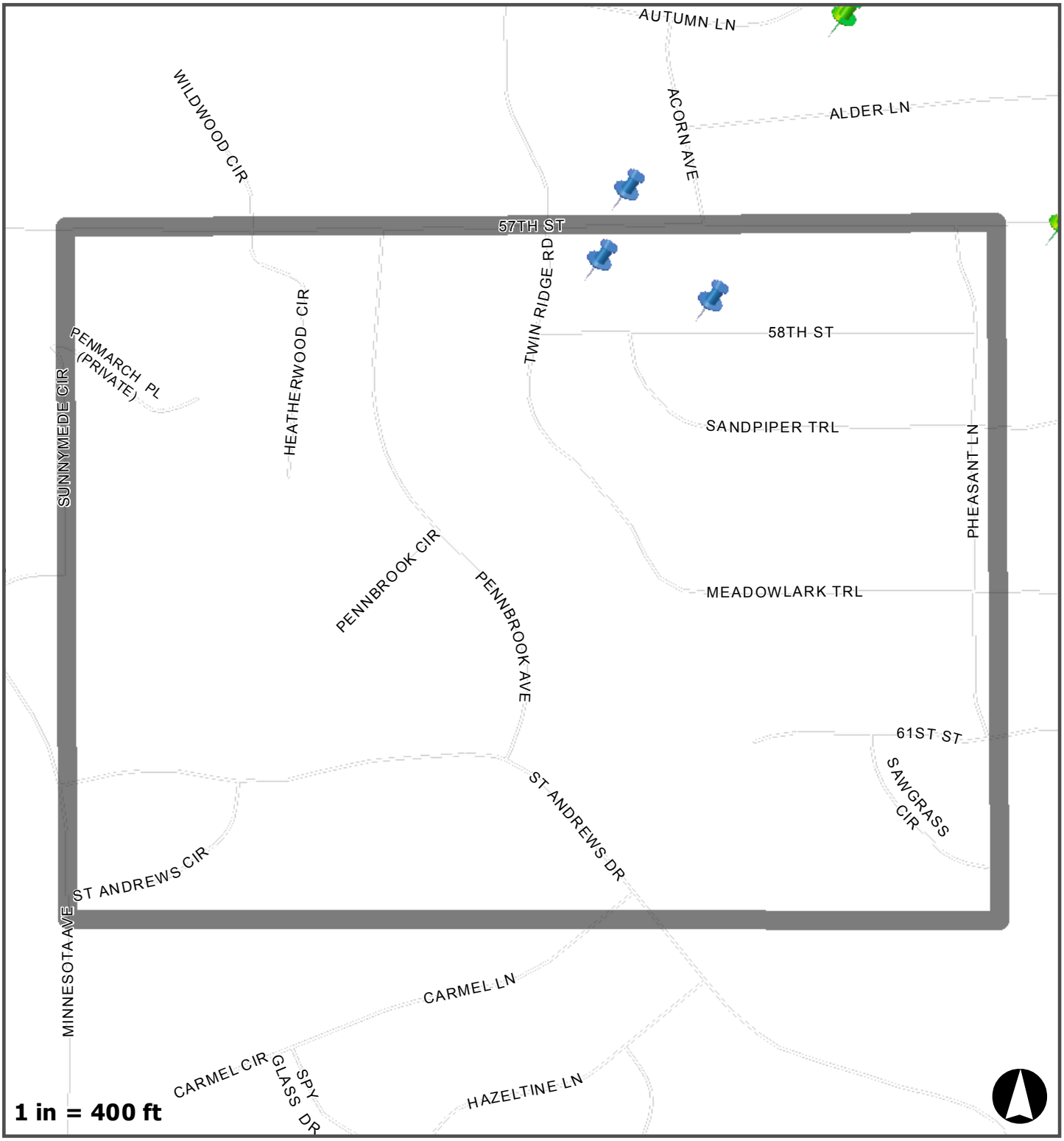
Major Gas Line

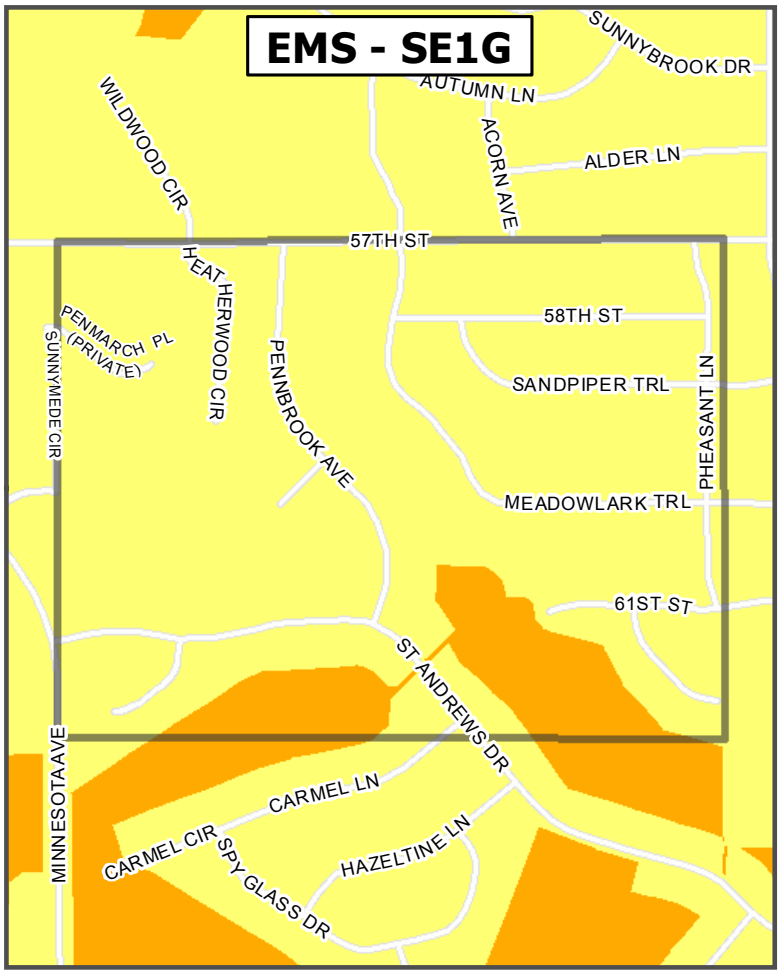
Floodplain

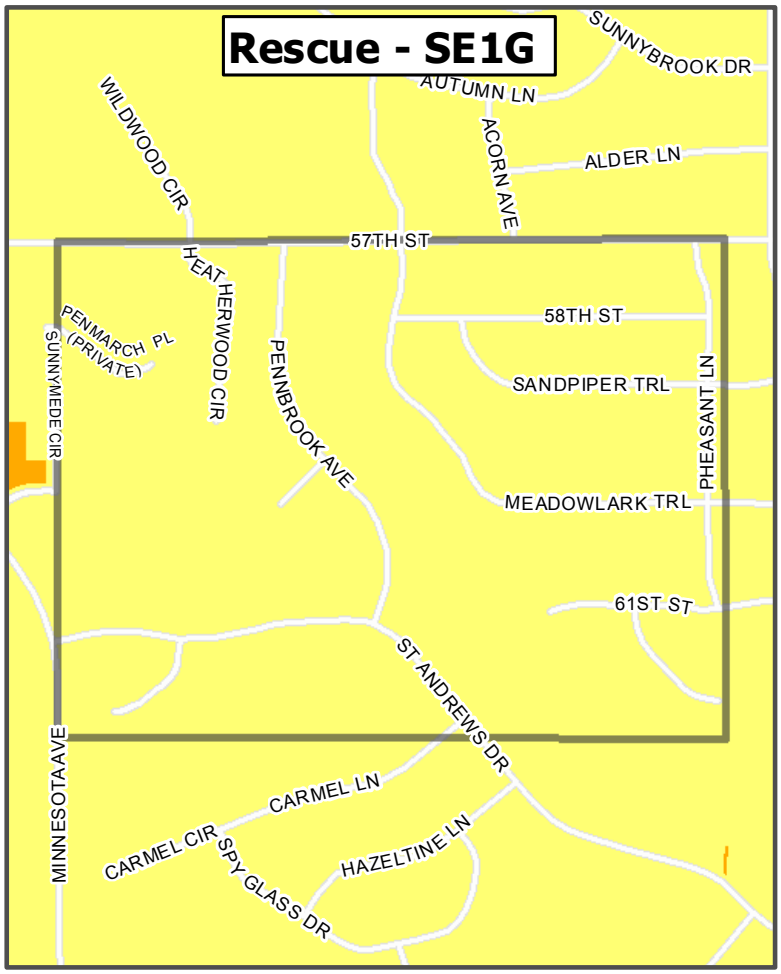
0.2 percent Annual Chance

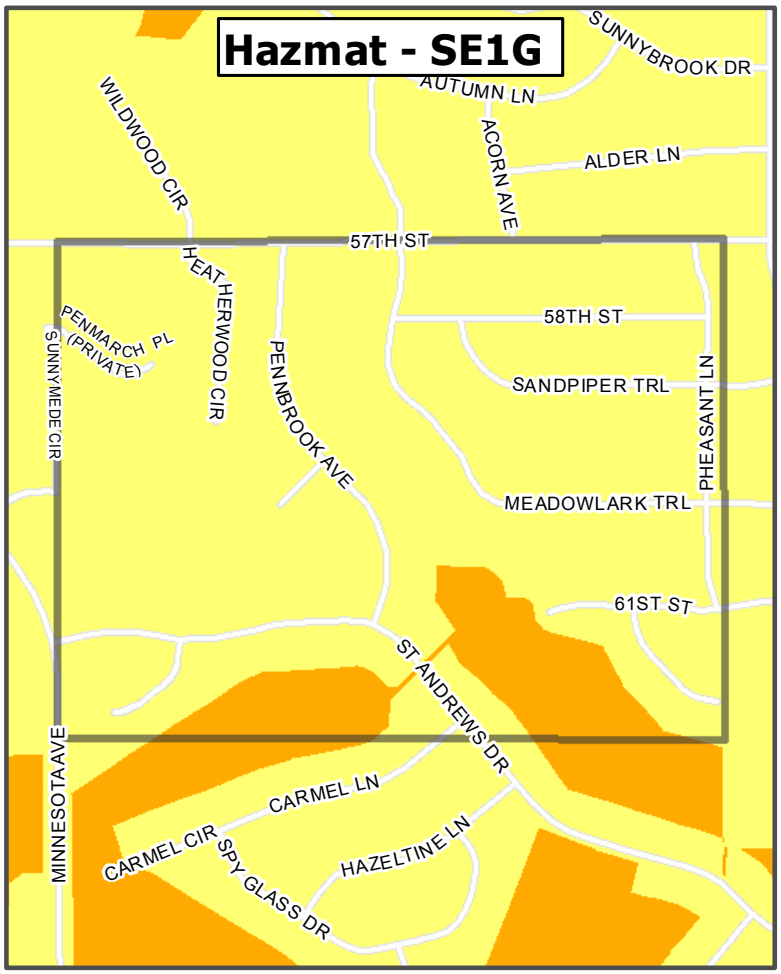
1 percent Annual Chance

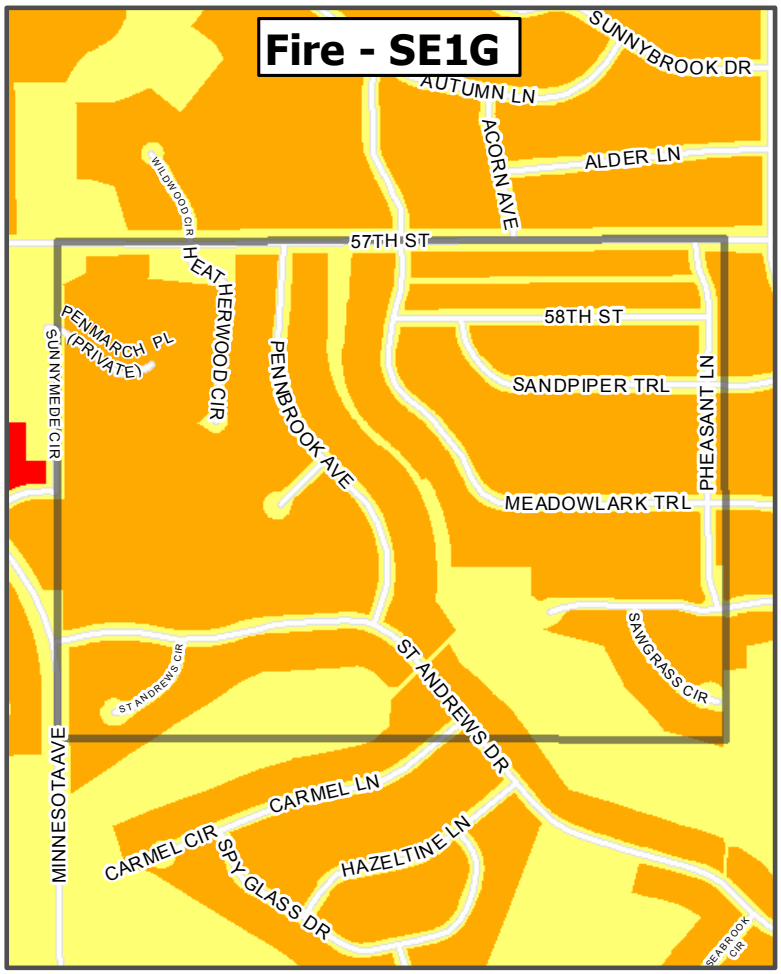







Low | Moderate | High | Special

1 inch = 758 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 4 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE1H

Fire

Rescue

HazMat

EMS

SUB Substation

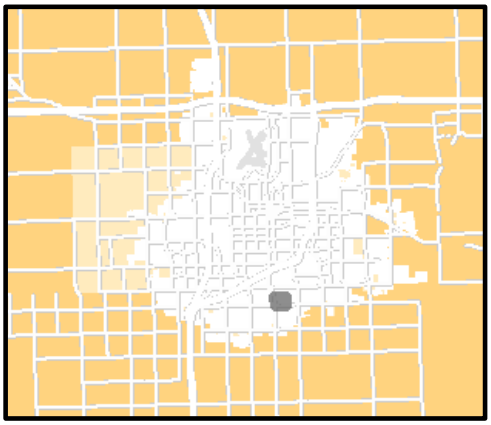
Transmission Line

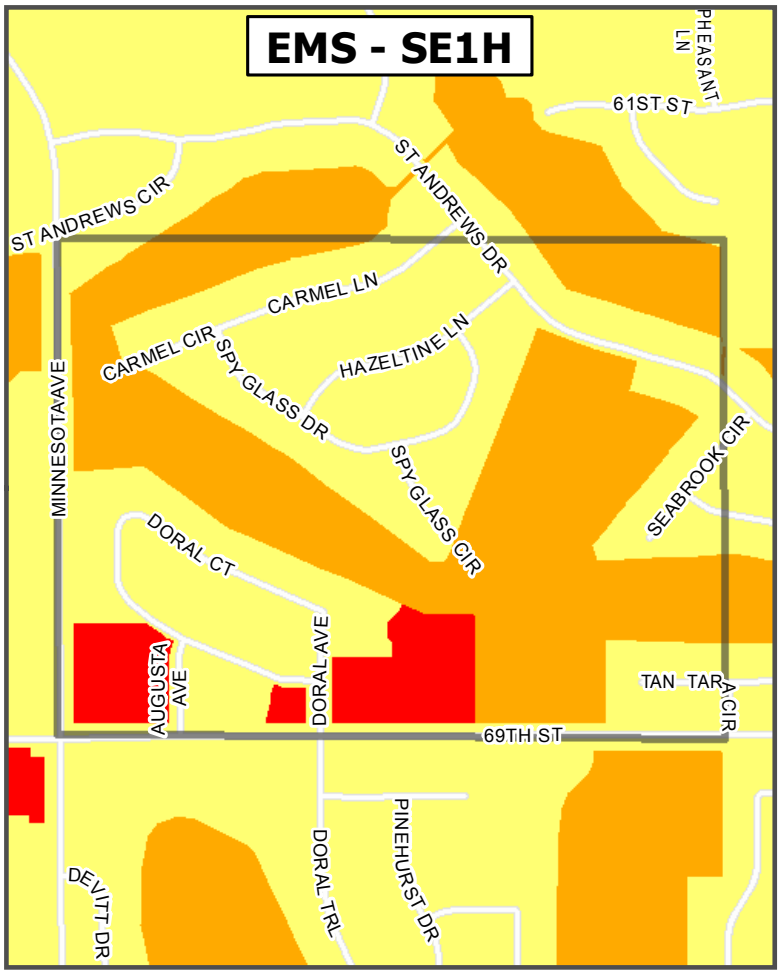
Major Gas Line

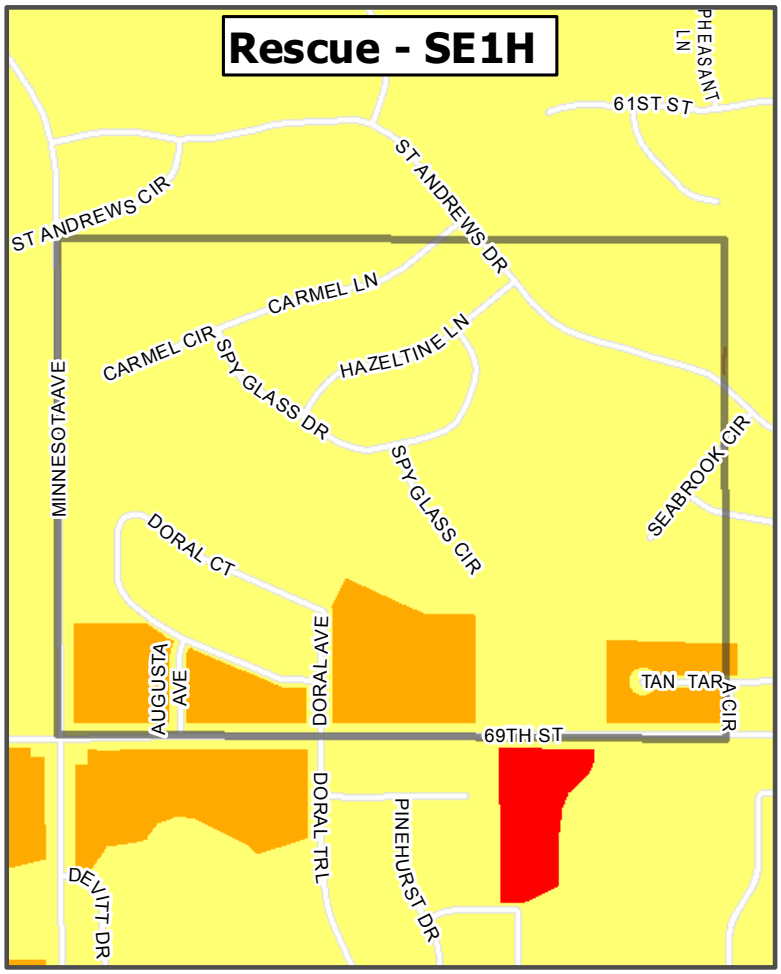
Floodplain

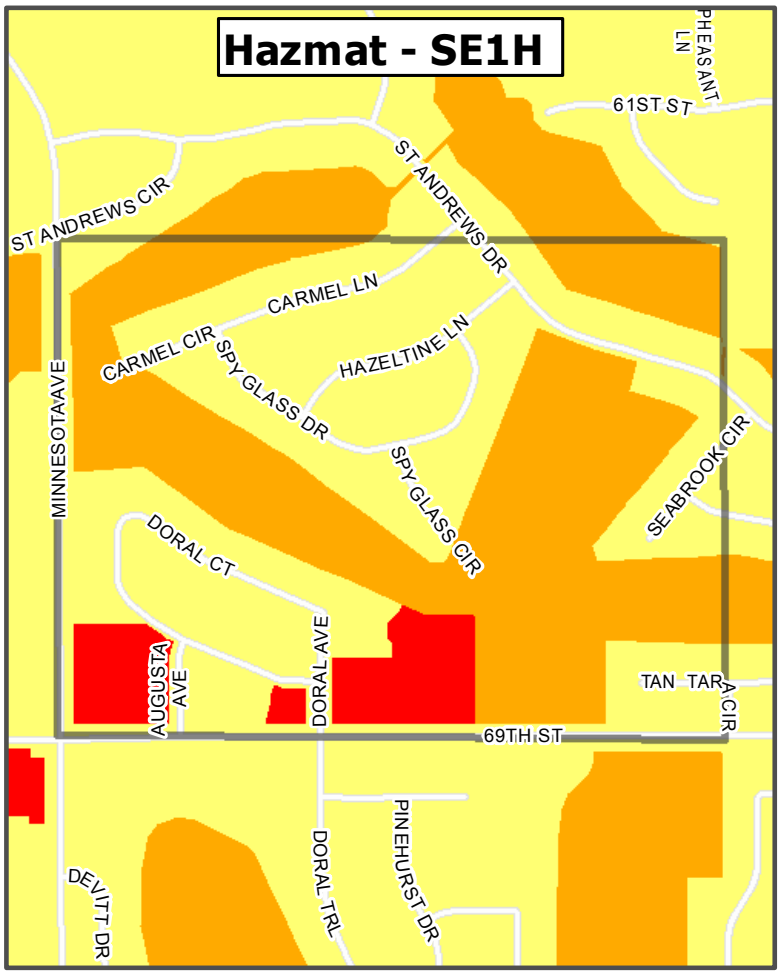
0.2 percent Annual Chance

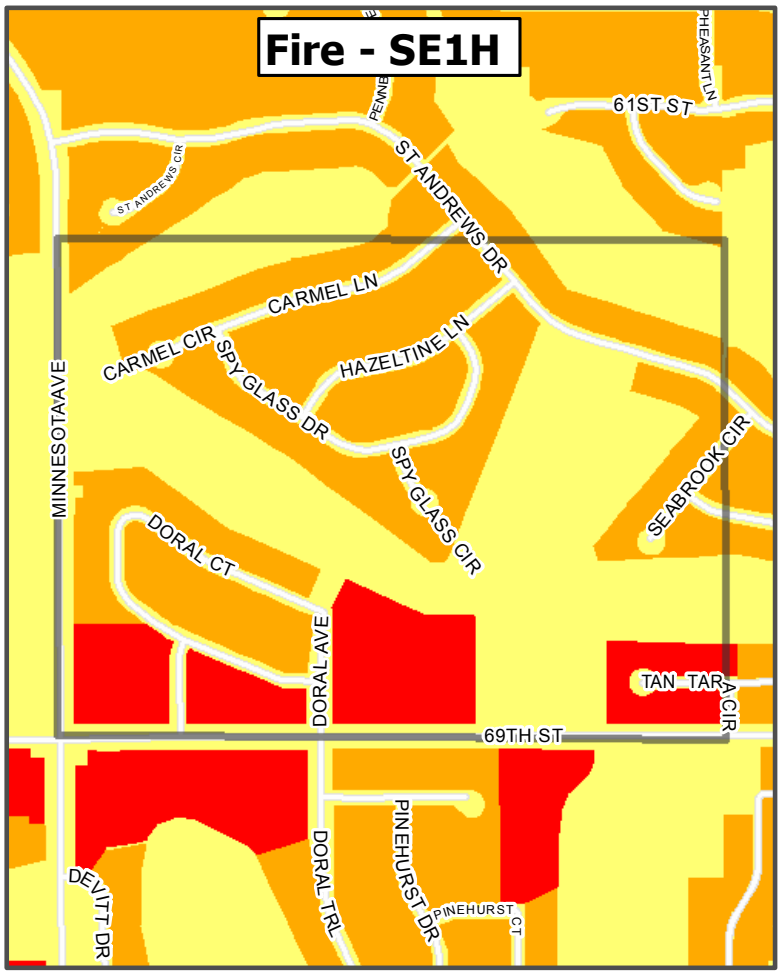
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 759 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1I

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 4 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 9 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE1I

Fire

Rescue

HazMat

EMS

SUB Substation

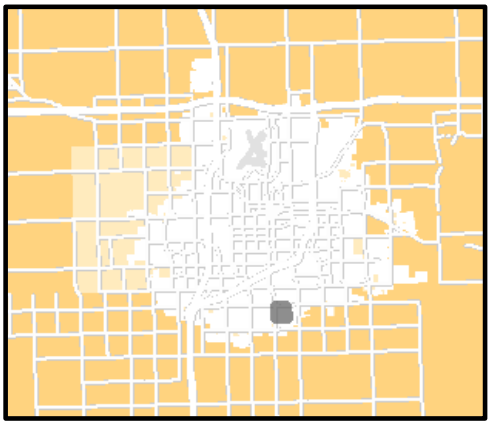
Transmission Line

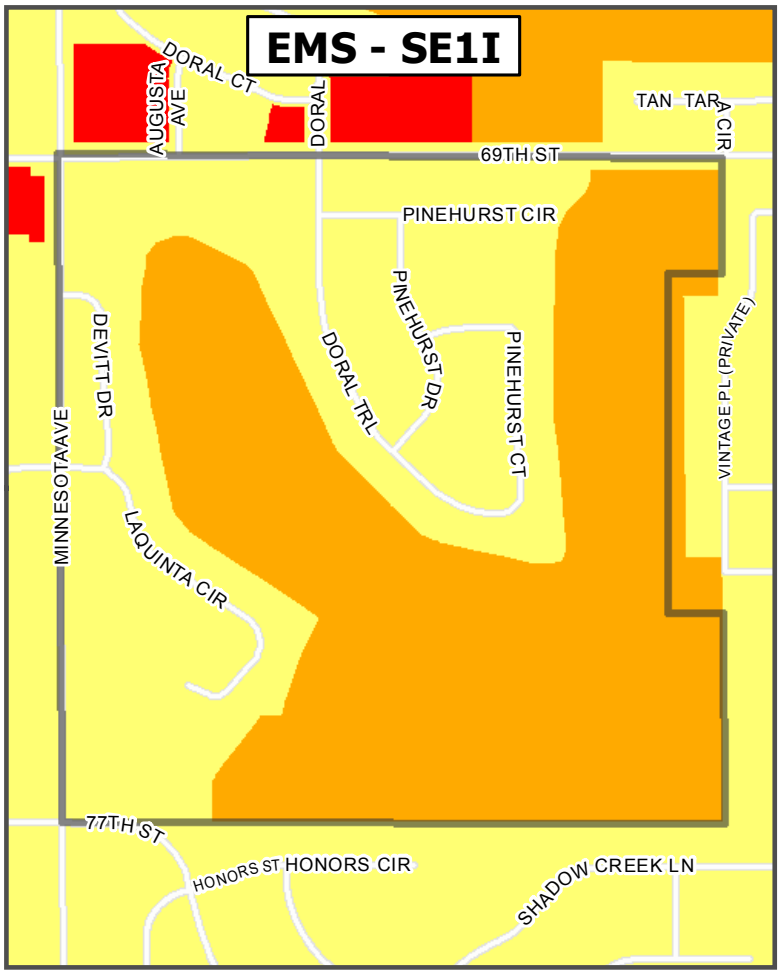
Major Gas Line

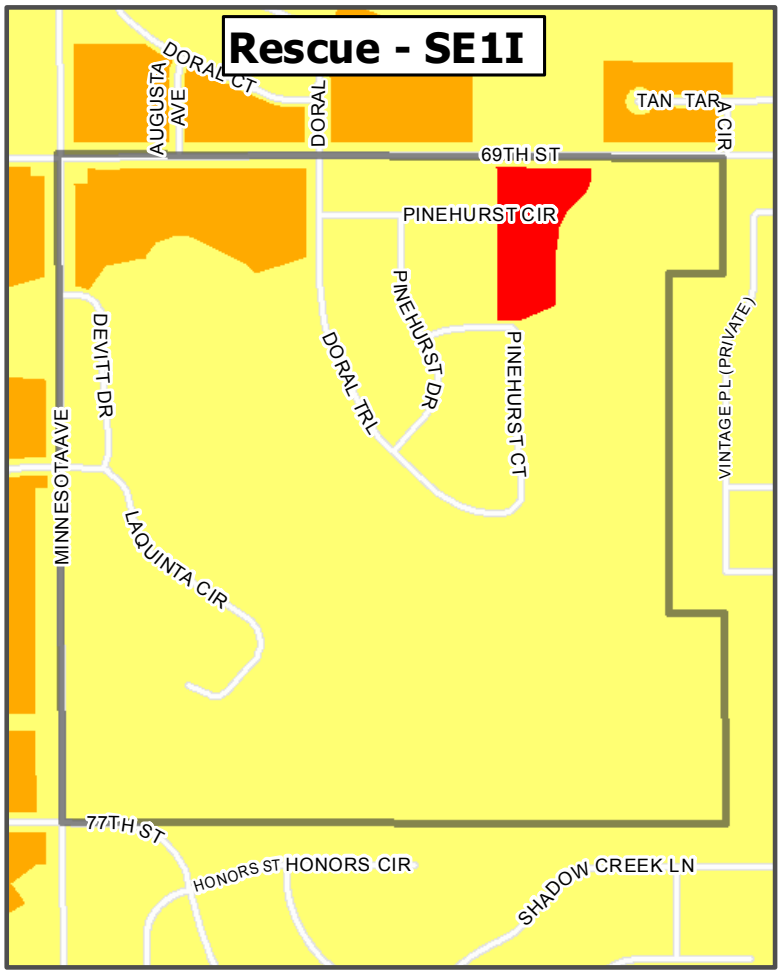
Floodplain

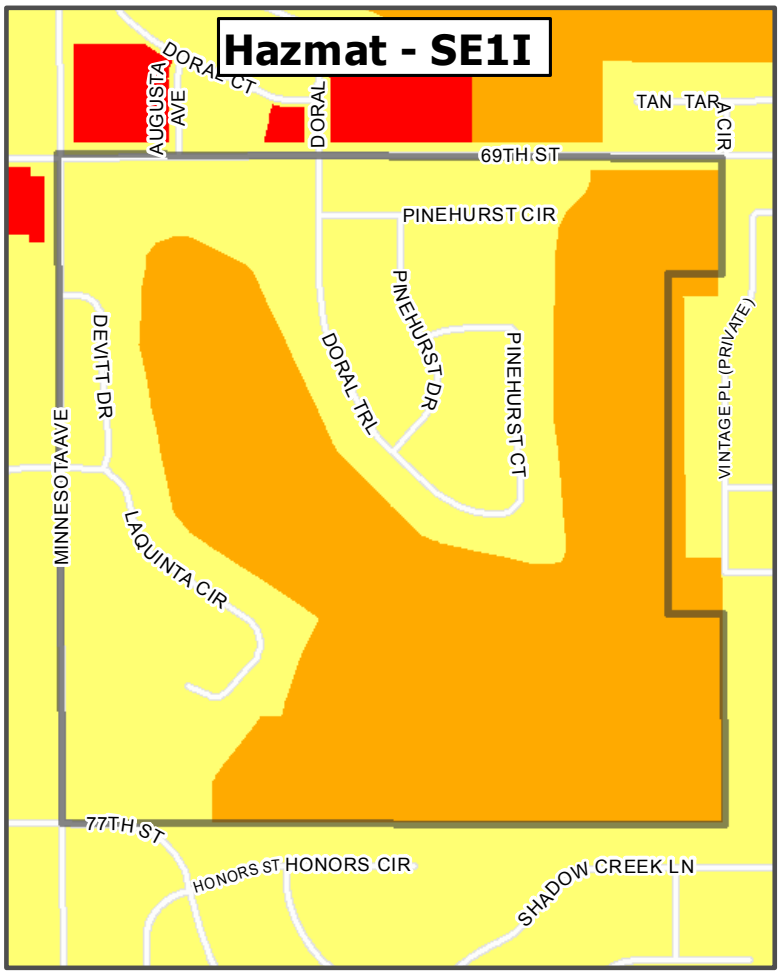
0.2 percent Annual Chance

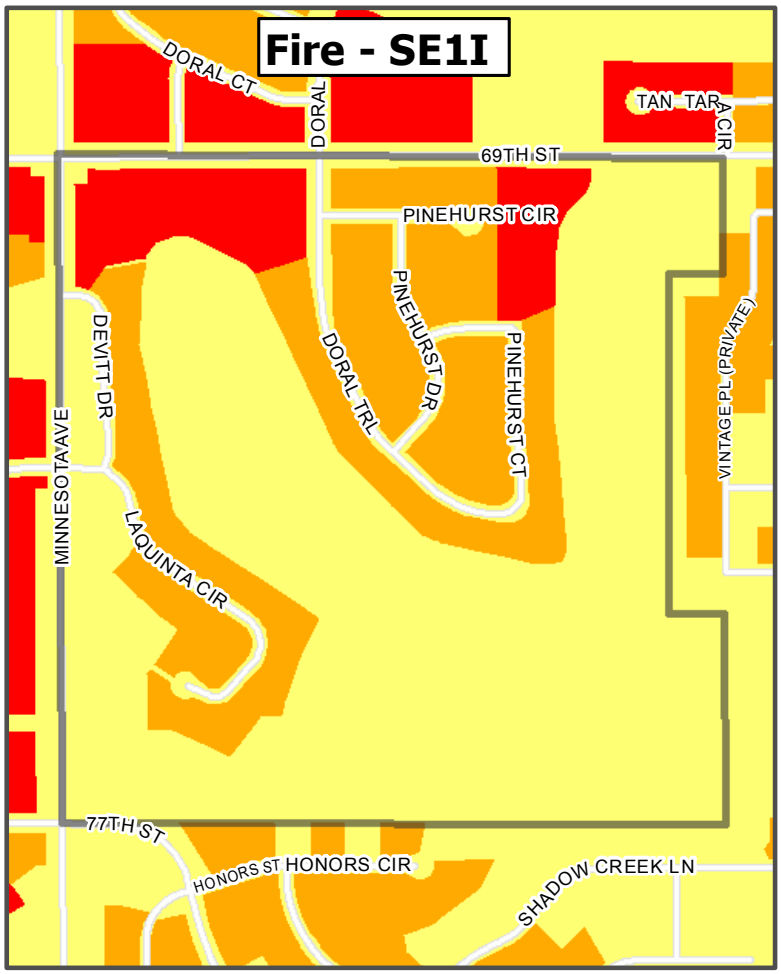
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 762 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1J

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 4 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE1J

Fire

Rescue

HazMat

EMS

SUB Substation

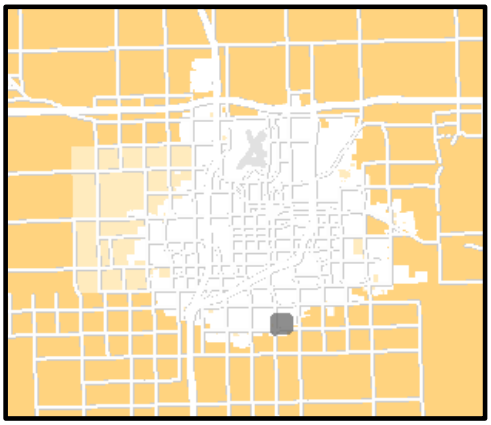
Transmission Line

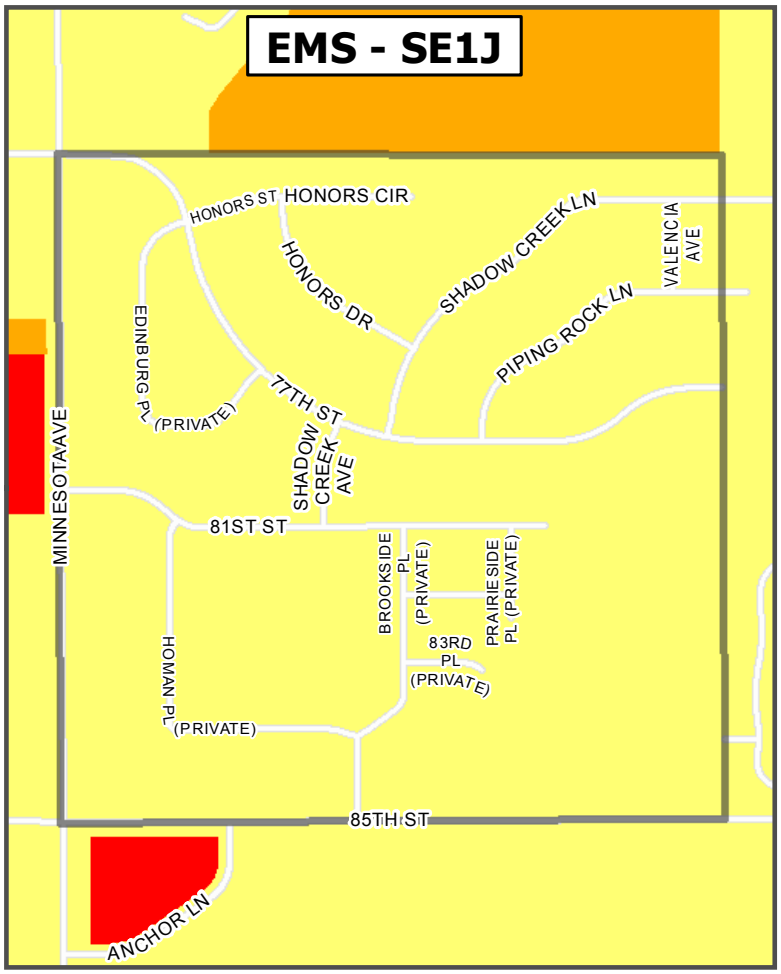
Major Gas Line

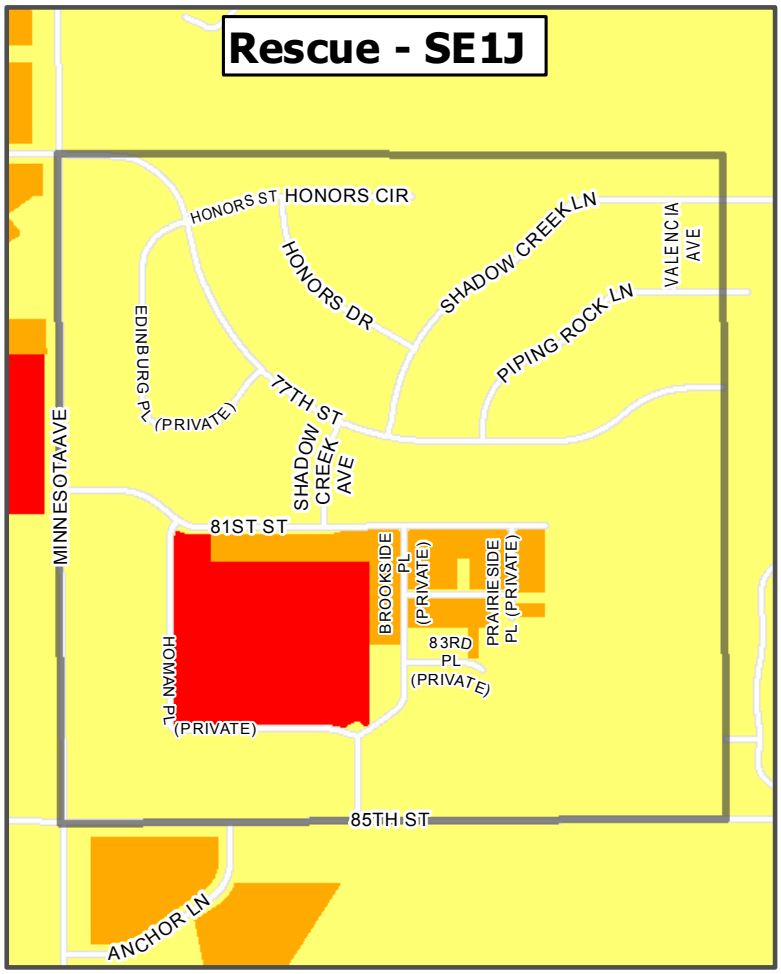
Floodplain

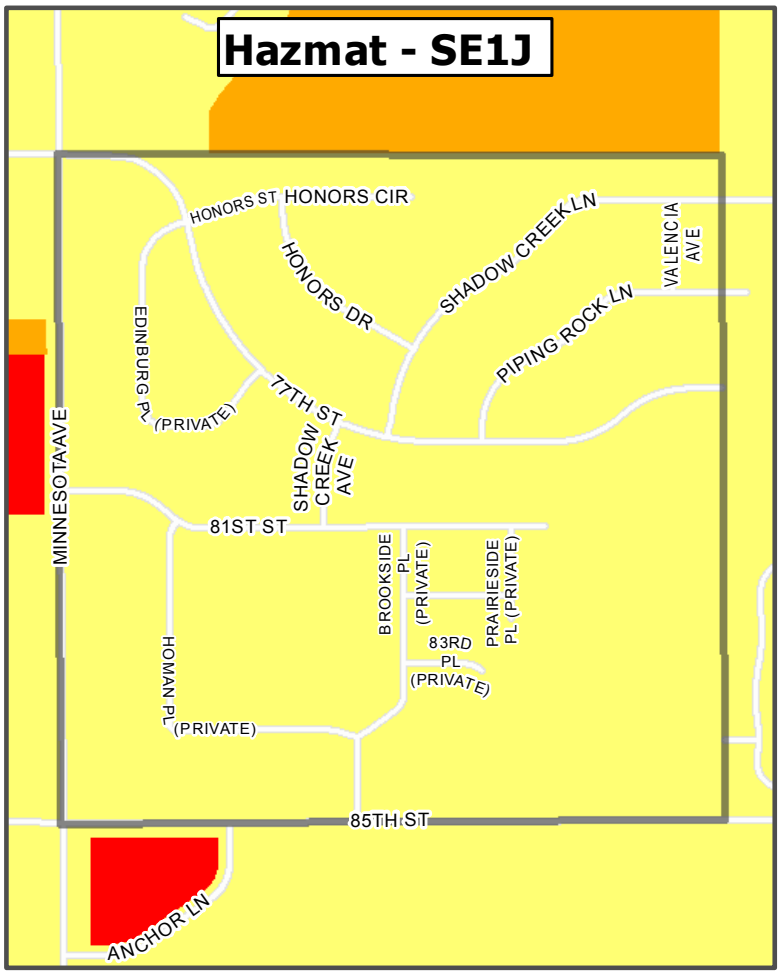
0.2 percent Annual Chance

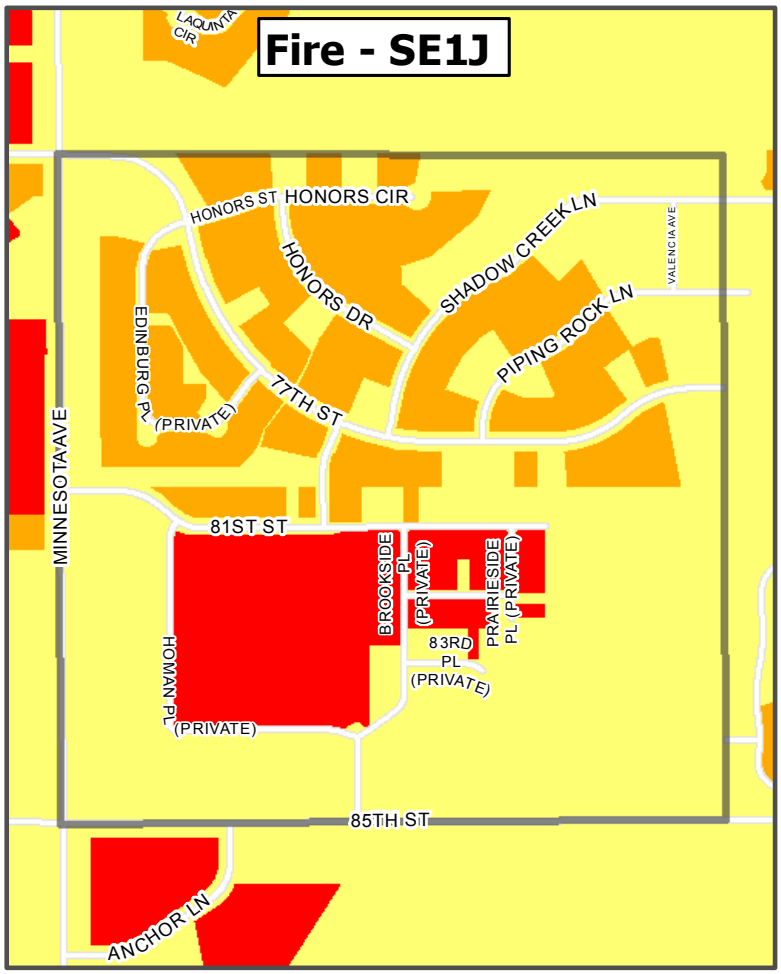
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 761 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 1K

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE1K

Fire

Rescue

HazMat

EMS

SUB Substation

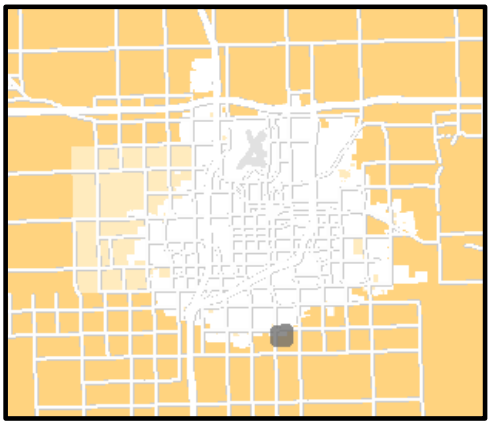
Transmission Line

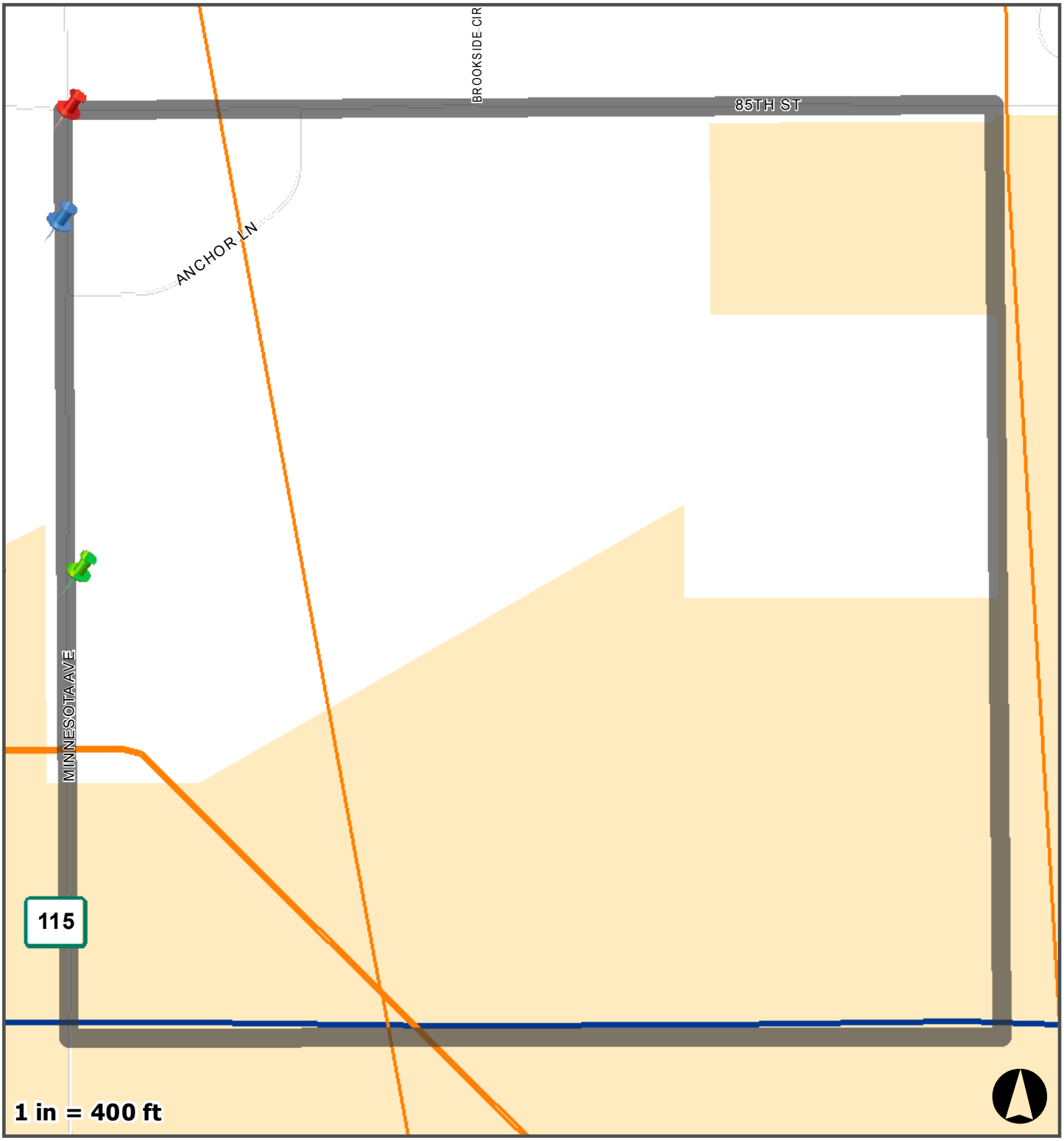
Major Gas Line

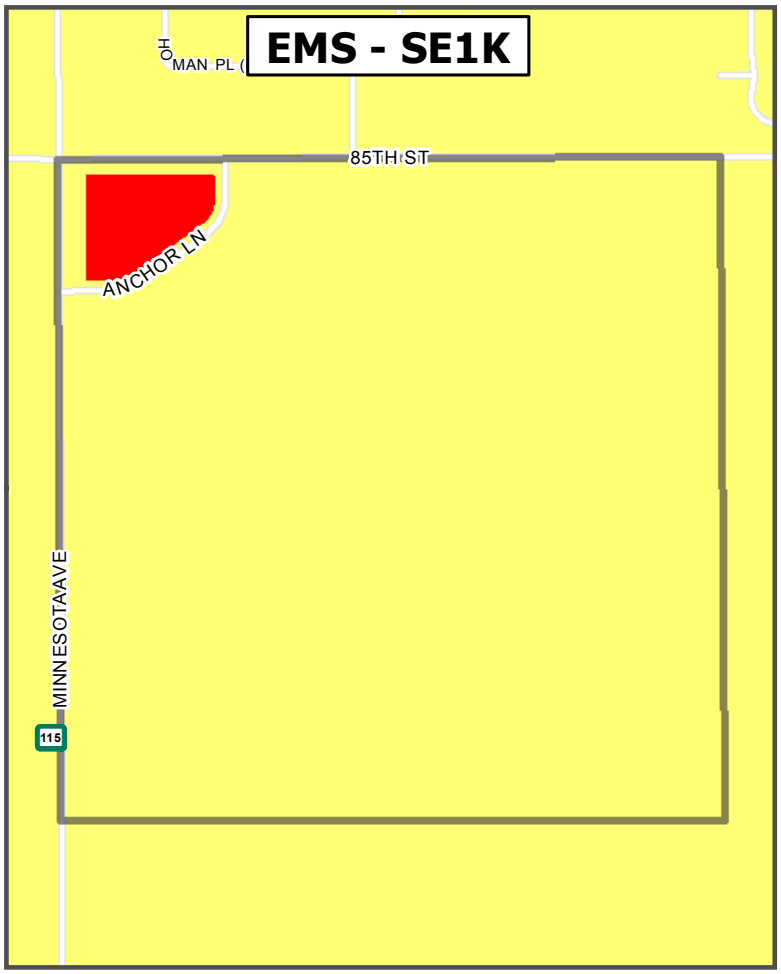
Floodplain

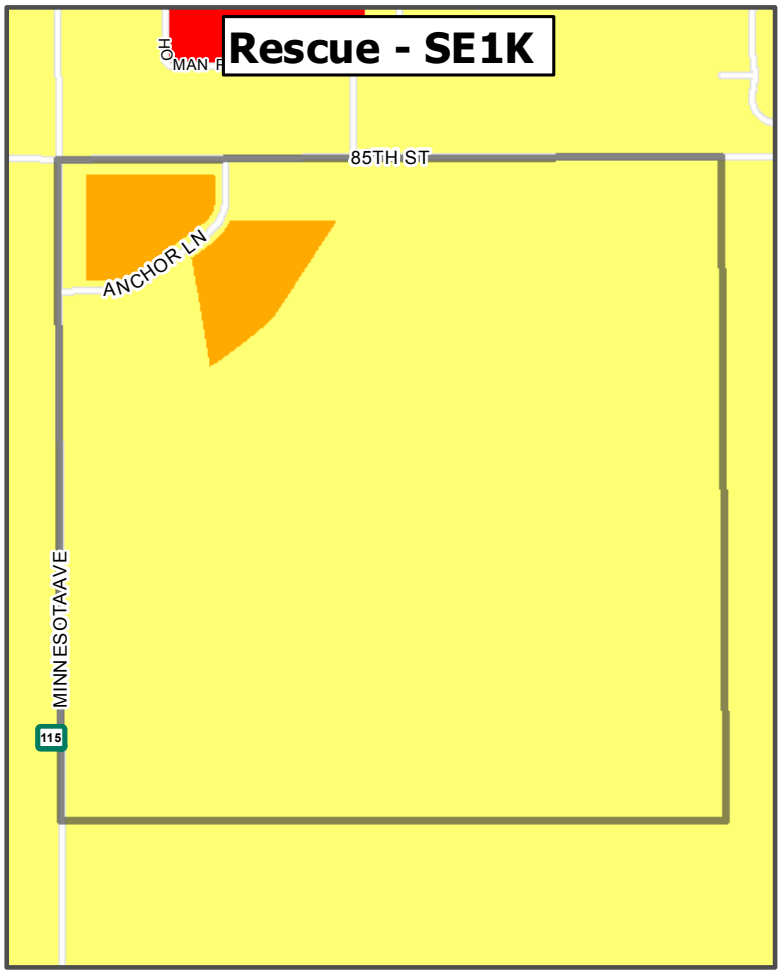
0.2 percent Annual Chance

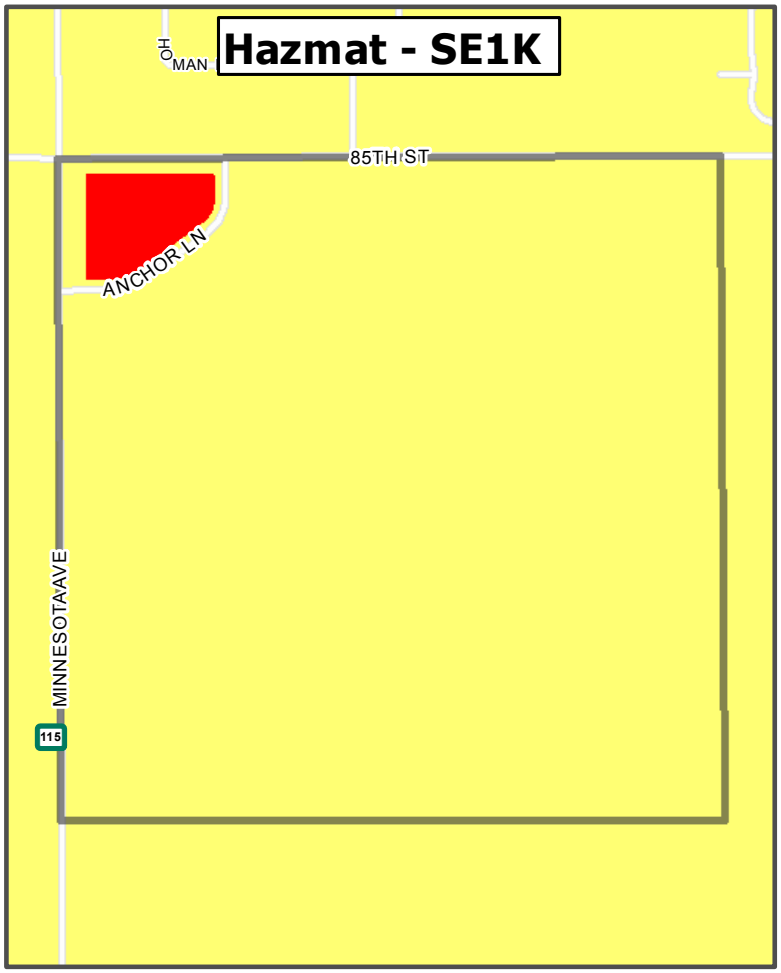
1 percent Annual Chance

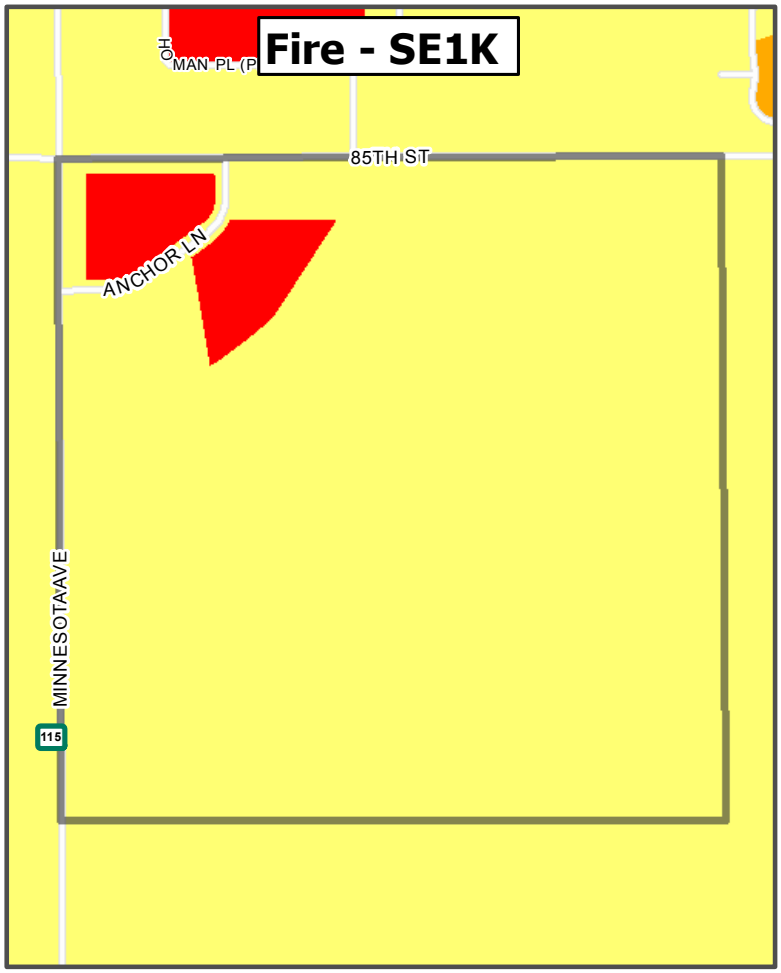







Low | Moderate | High | Special

1 inch = 762 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2A_5

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 26 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Moderate | Moderate | Moderate | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | High | High | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 10% of this quadrant lies in the flood plain | | |
| Rail Line intersects this quadrant | | |

# SE2A_5

Fire

Rescue

HazMat

EMS

SUB Substation

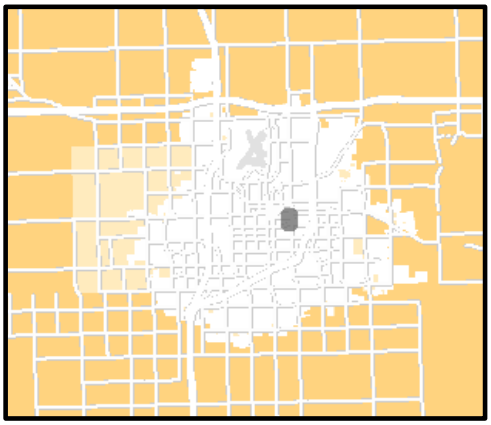
Transmission Line

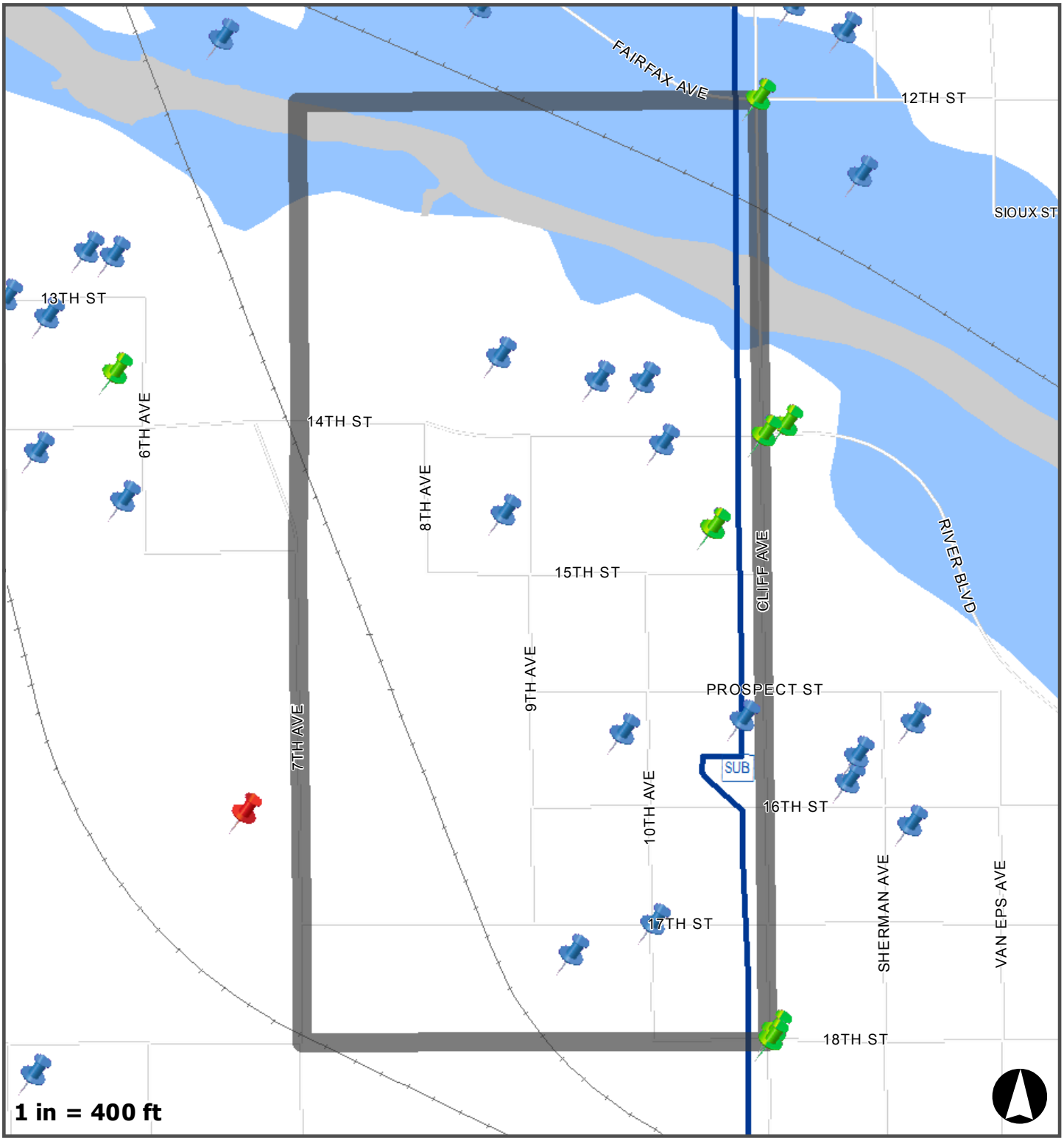
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance





Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2A_51

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 1 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 22 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Moderate | Moderate | Moderate | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | High | High | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 10% of this quadrant lies in the flood plain | | |
| Rail Line intersects this quadrant | | |
| EAST DAKOTA EDUCATIONAL COOPERATIVE | Type 1 | School |

# SE2A_51

Fire

Rescue

HazMat

EMS

SUB Substation

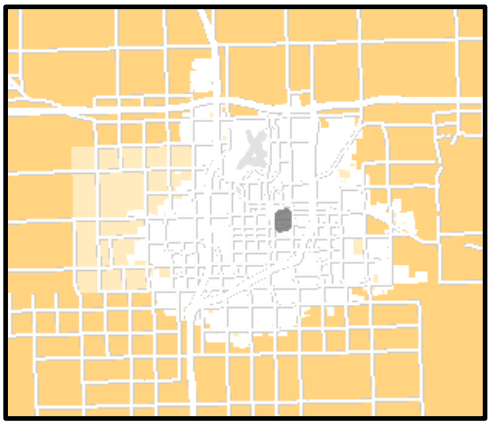
Transmission Line

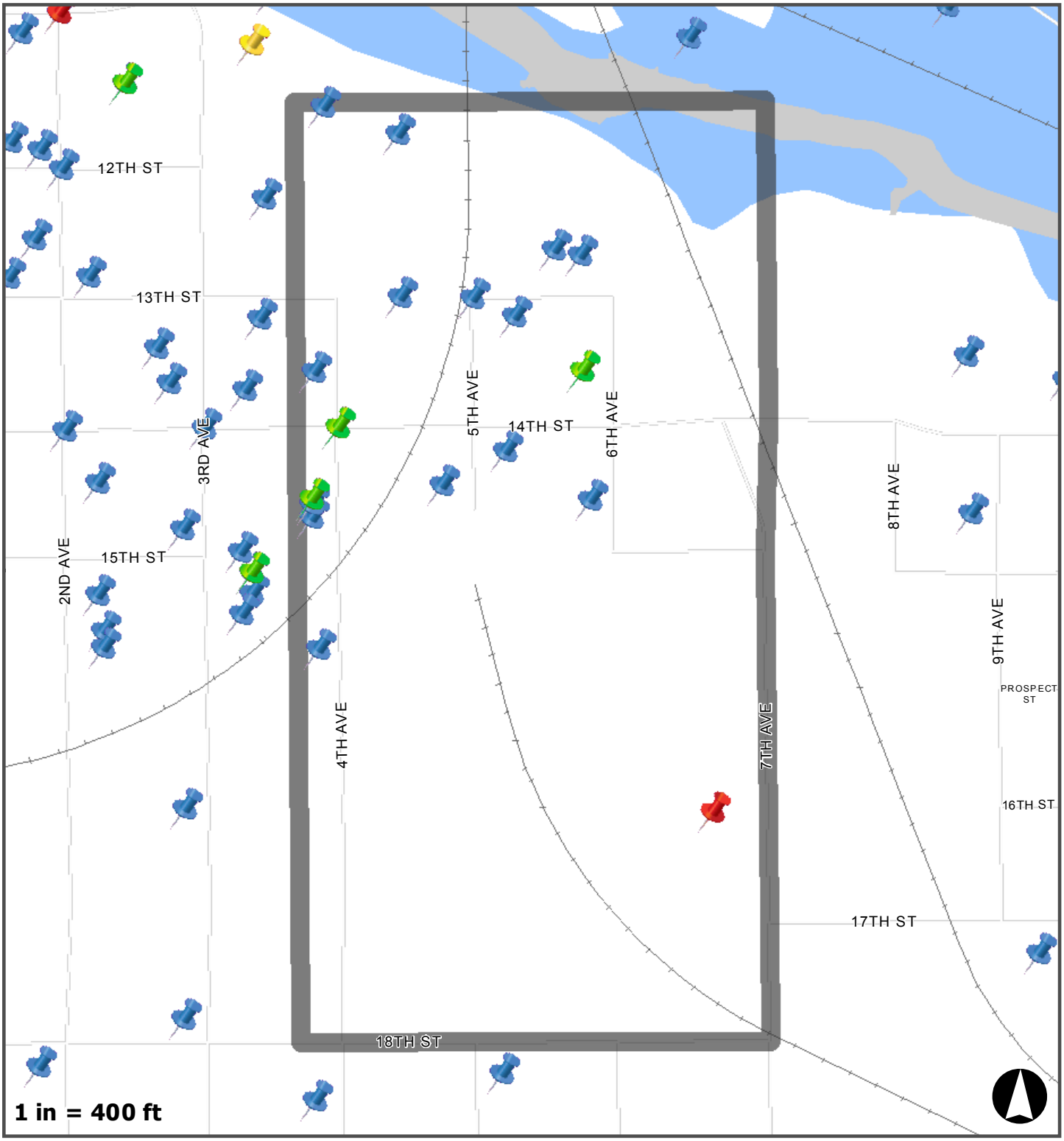
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance





Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2B-5

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 31 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 10 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 1 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail Line intersects this quadrant | | |
| S.F. SURGICAL CENTER | Type 2 | Hospital |
| AVERA HELIPORT PARKING | Type 2 | Hospital |
| PHYSICIANS OFFICE BUILDING | Type 2 | Hospital |
| AVERA CANCER INSTITUTE | Type 2 | Hospital |
| AVERA DOCTORS PLAZA | Type 2 | Hospital |
| AVERA DOCTORS PLAZA 2 | Type 2 | Hospital |
| AVERA MCKENNAN HOSPITAL | Type 2 | Hospital |
| CASA DE CARLITOS | Type 2 | Hotels/Motels |
| NANO NAGEL | Type 2 | Hotels/Motels |

# SE2B_5

Fire

Rescue

HazMat

EMS

SUB Substation

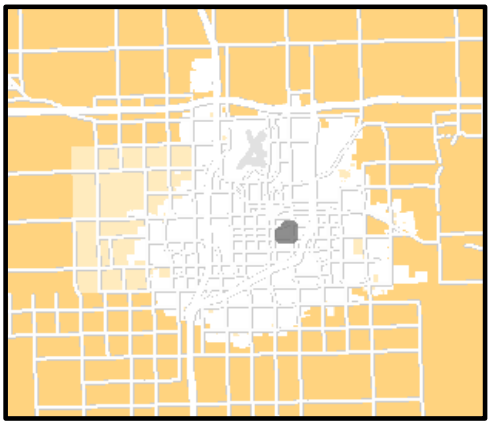
Transmission Line

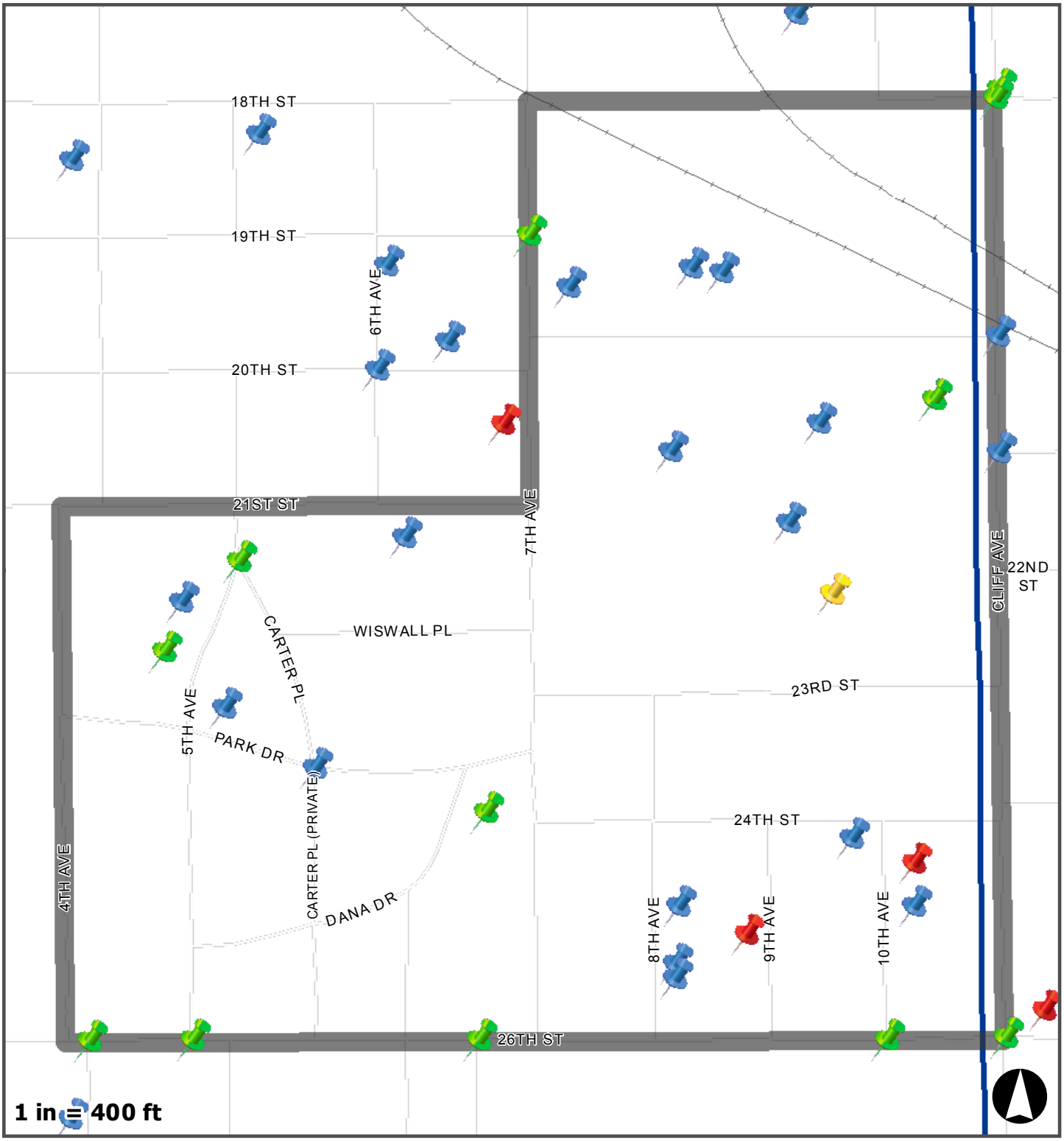
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance





Low | Moderate | High | Special

1 inch = 766 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2B-51

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 6 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| LONGFELLOW ELEMENTARY | Type 1 | School |

# SE2B_51

Fire

Rescue

HazMat

EMS

SUB Substation

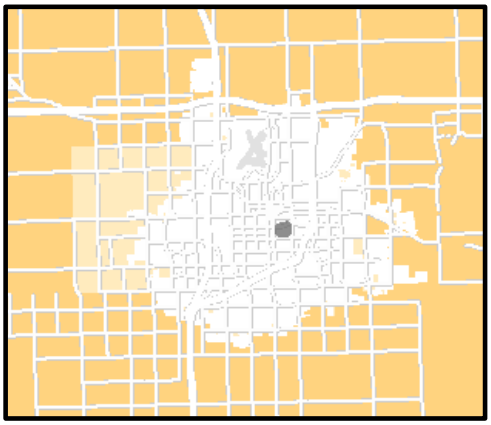
Transmission Line

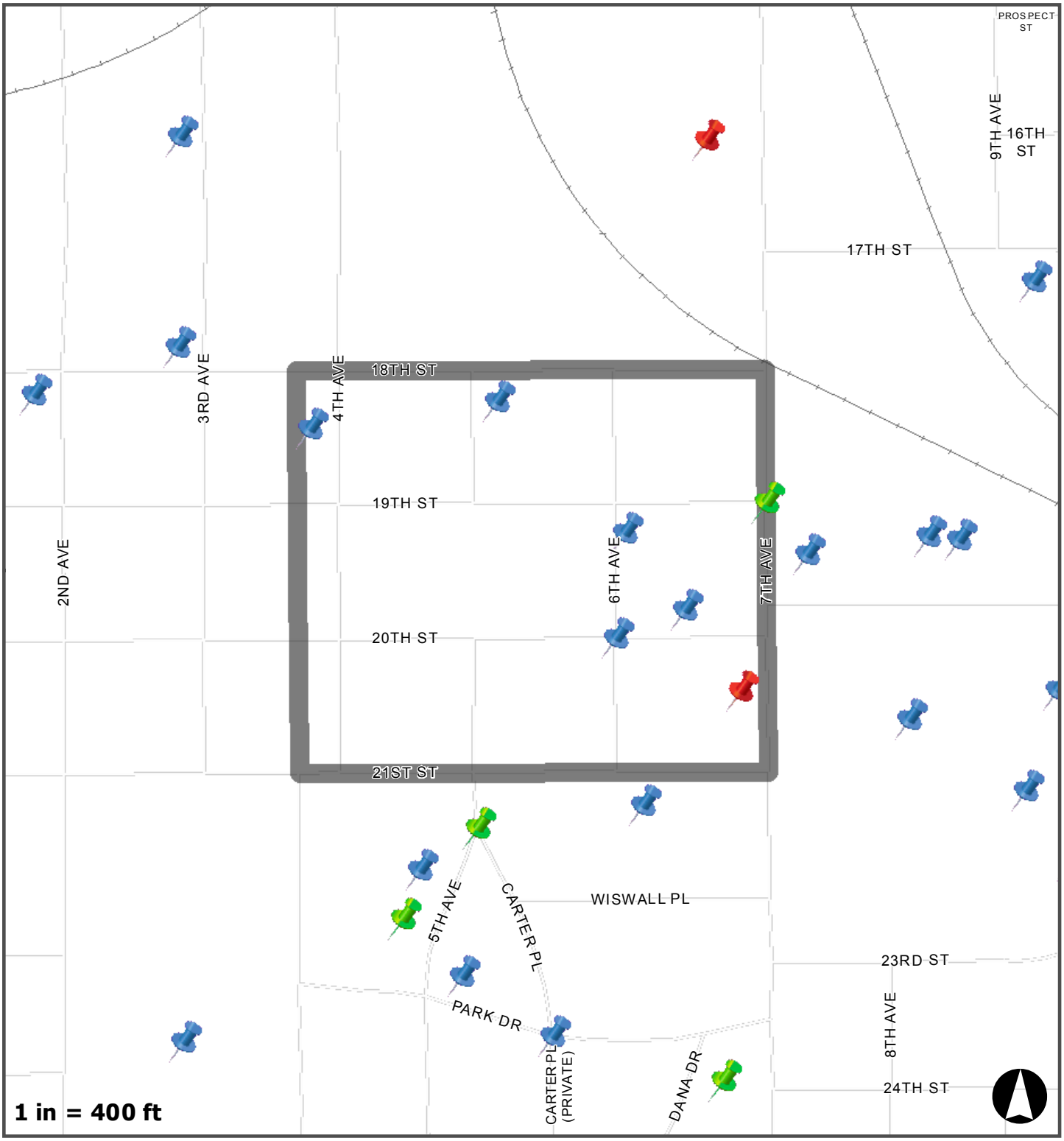
Major Gas Line

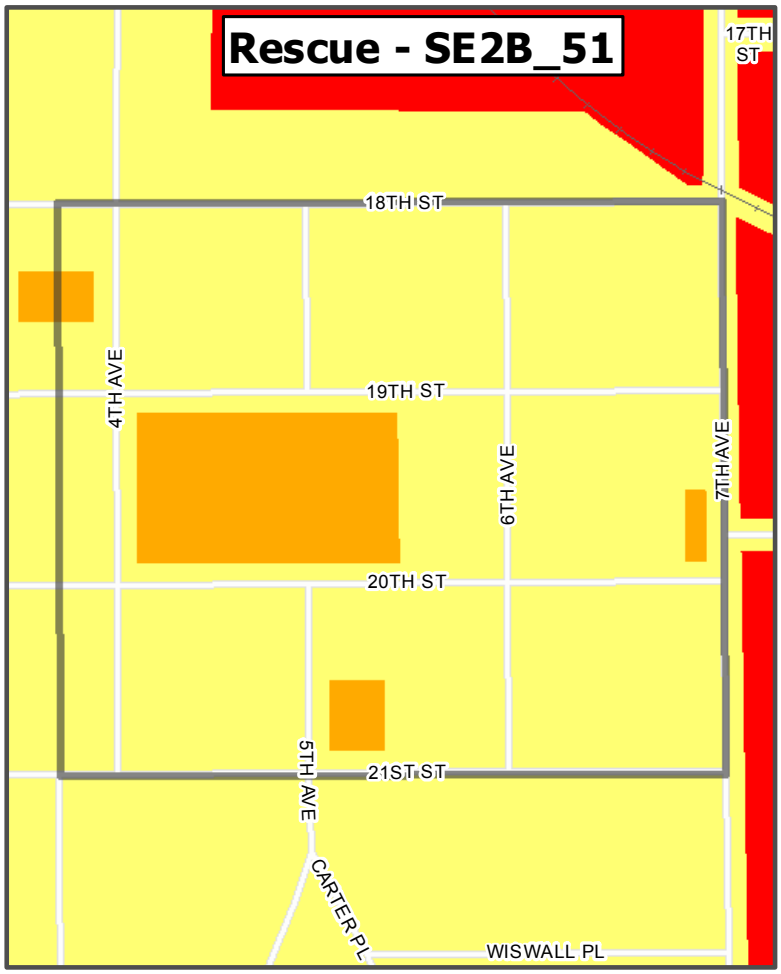
Floodplain

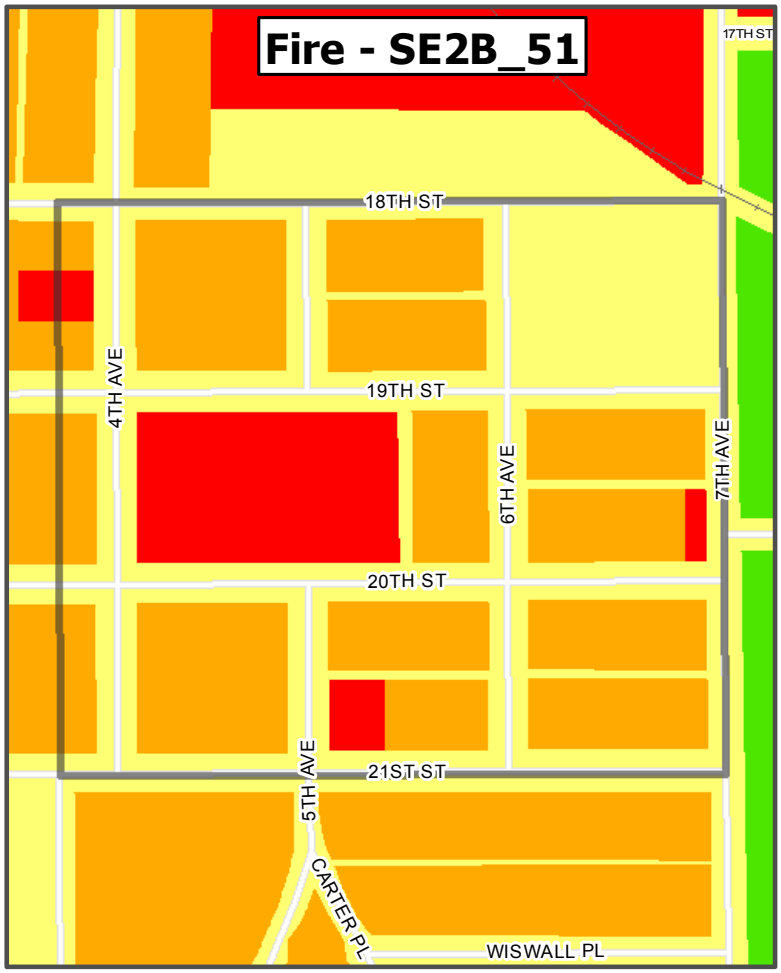
0.2 percent Annual Chance

1 percent Annual Chance










Low | Moderate | High | Special

1 inch = 383 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2C

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 14 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| ST MARY'S ELEMENTARY | Type 1 | School |
| PATRICK HENRY MIDDLE SCHOOL | Type 1 | School |

# SE2C

Fire

Rescue

HazMat

EMS

SUB Substation

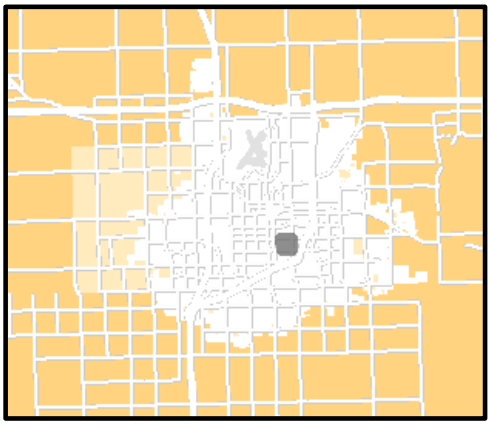
Transmission Line

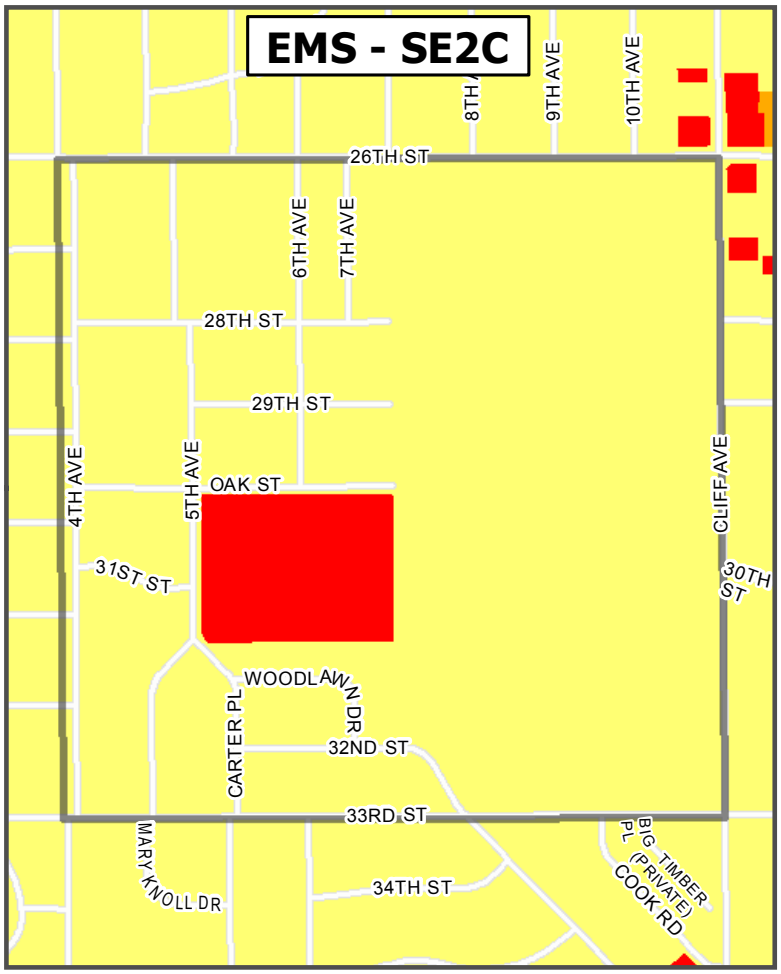
Major Gas Line

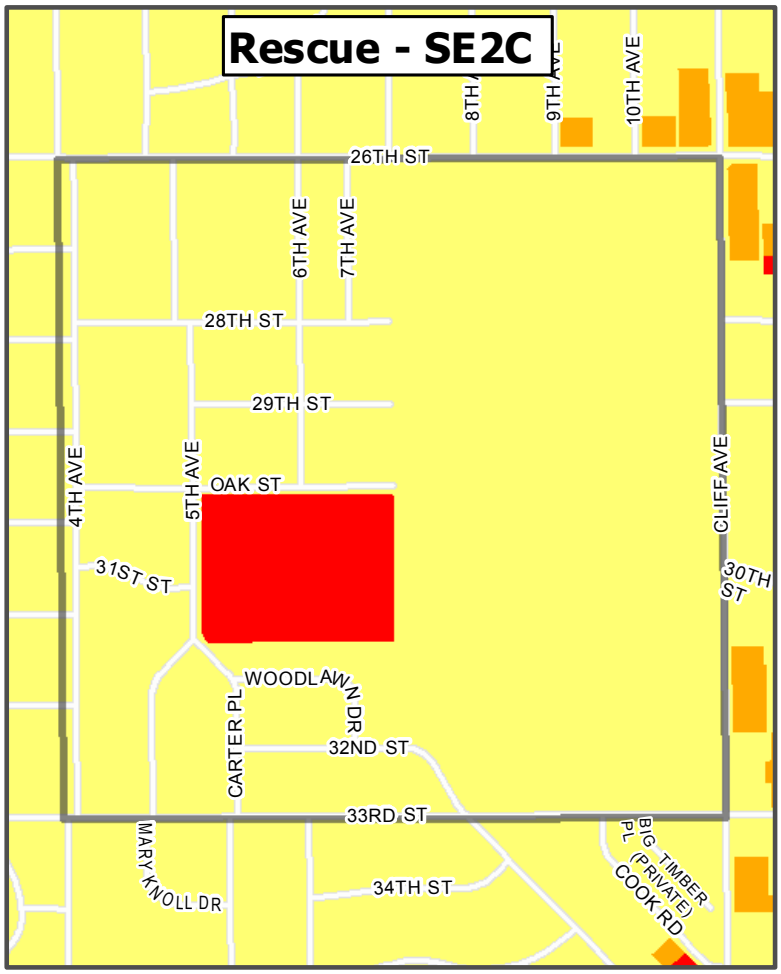
Floodplain

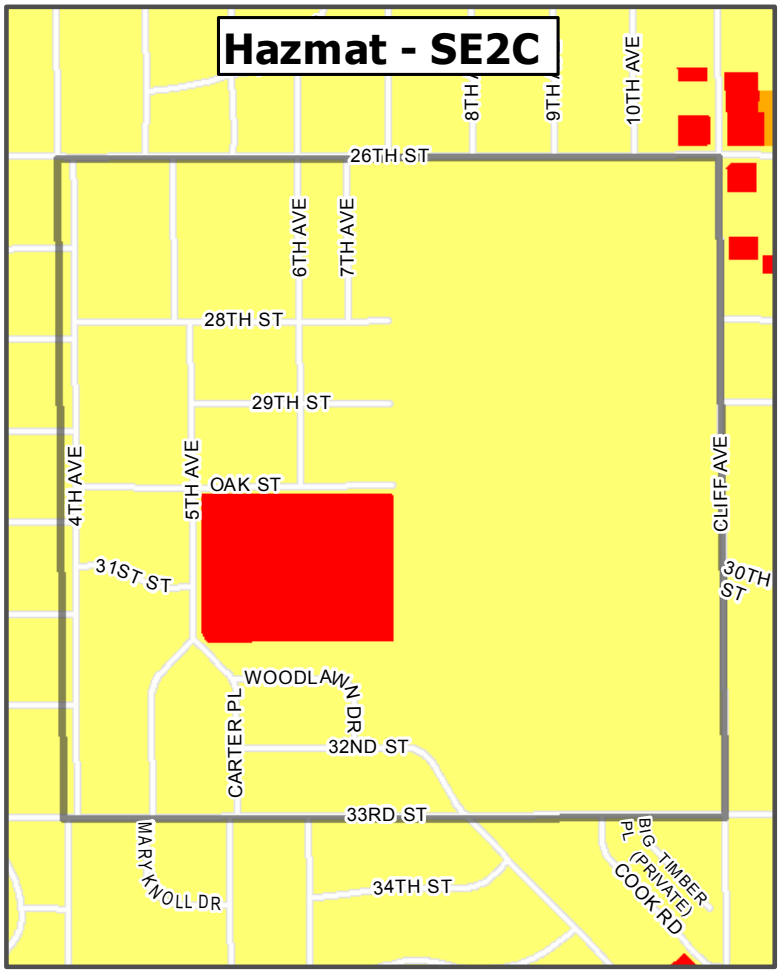
0.2 percent Annual Chance

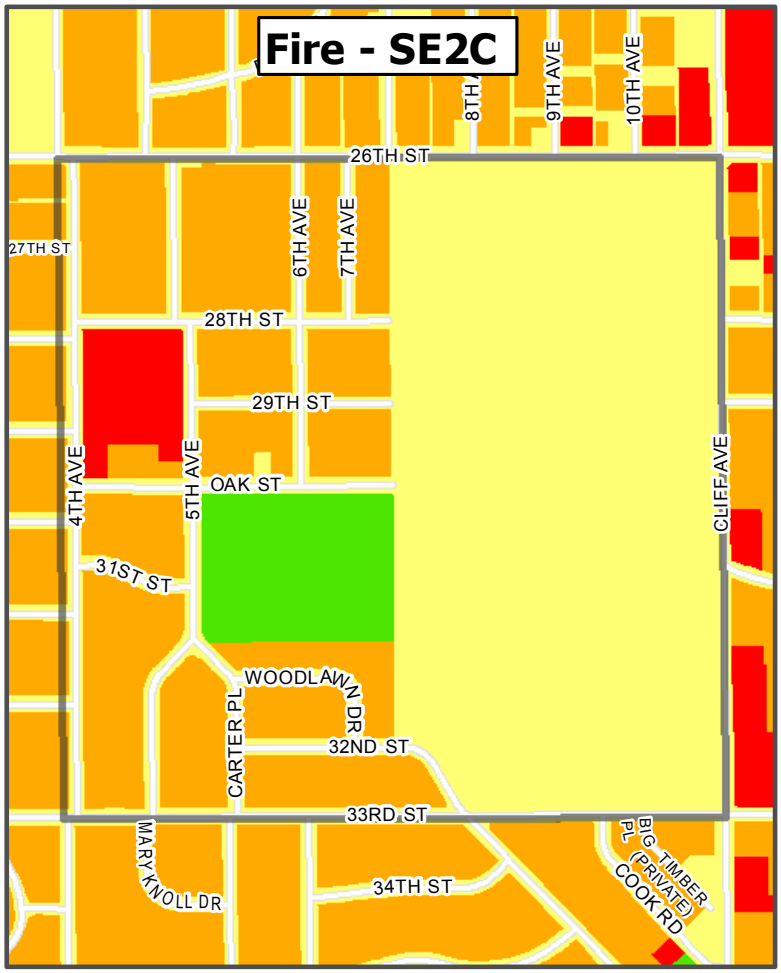
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 771 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 18 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 11 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 25% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |
| CORNERSTONE SCHOOL NO MAIL | Type 1 | School |

# SE2D

Fire

Rescue

HazMat

EMS

SUB Substation

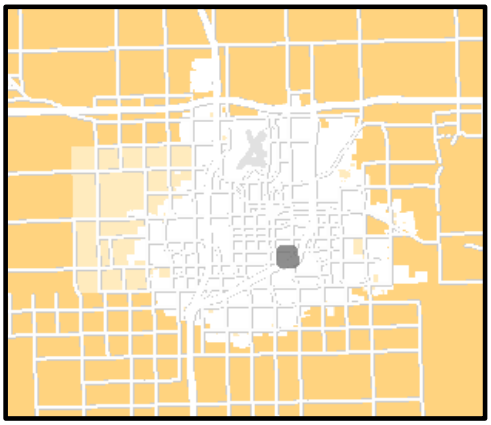
Transmission Line

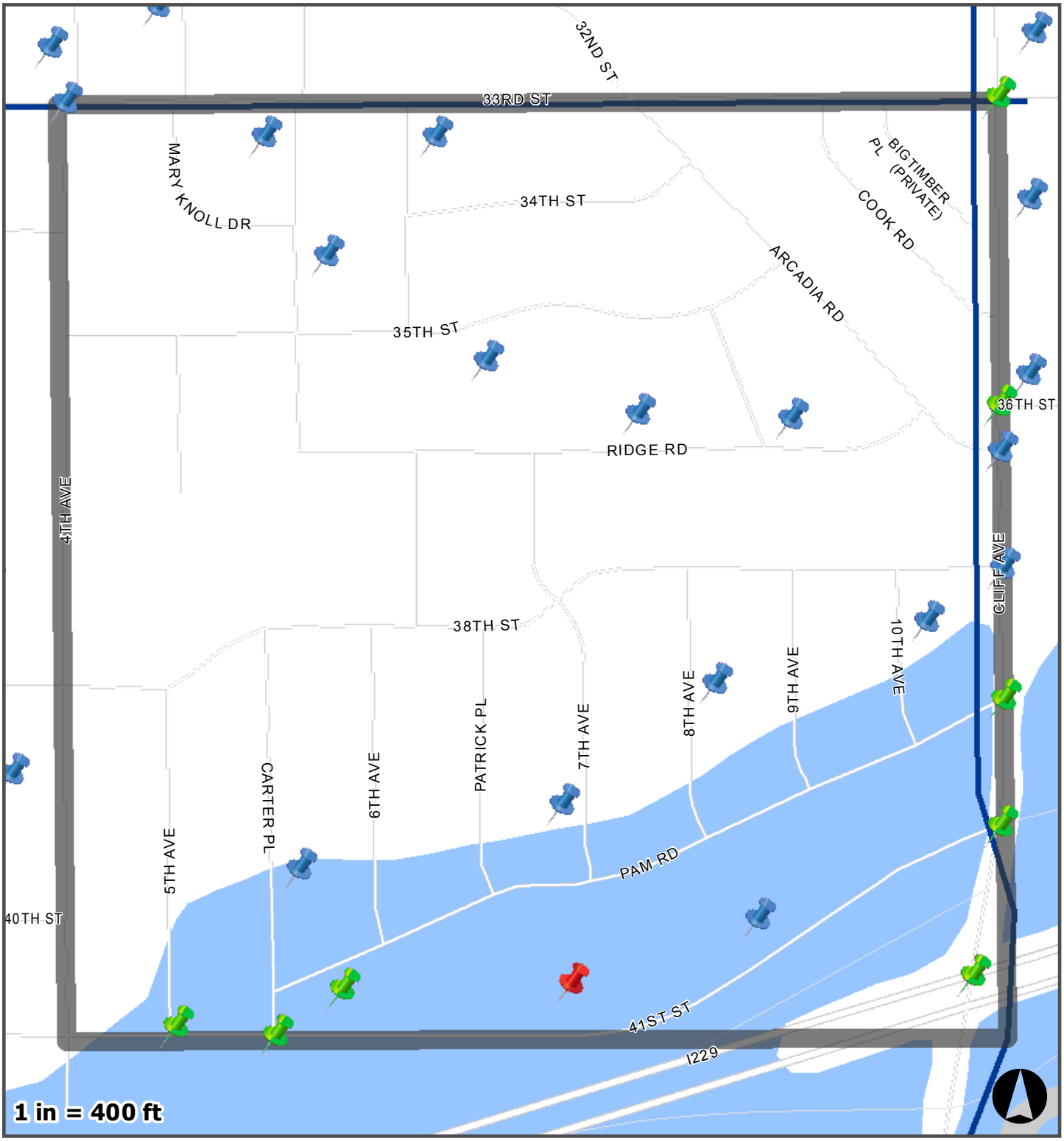
Major Gas Line

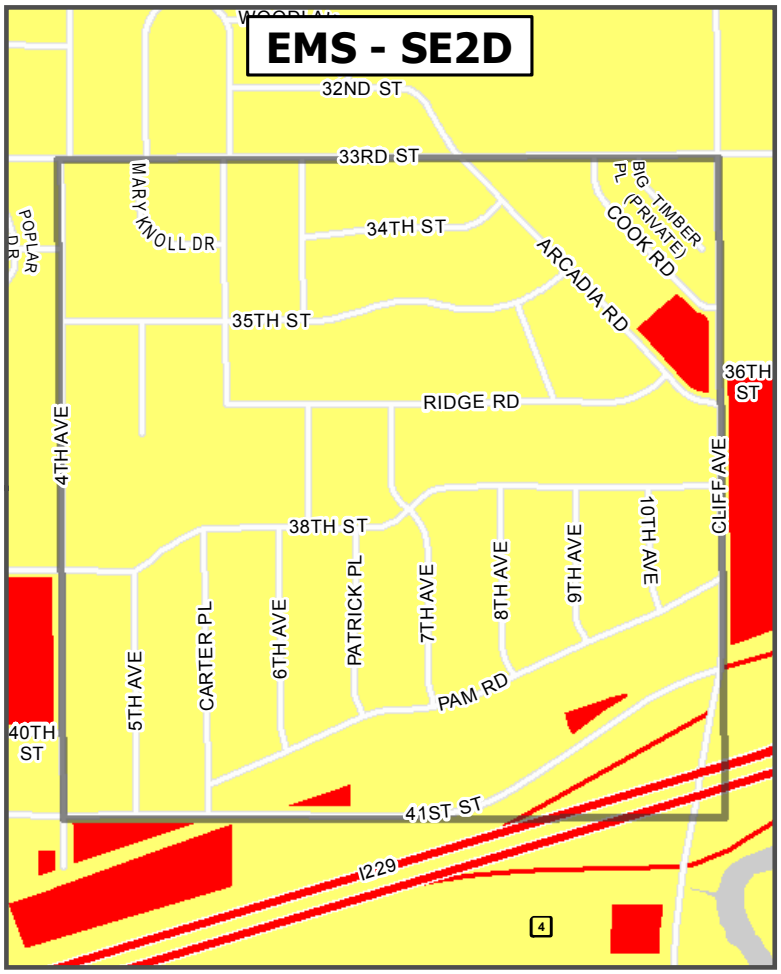
Floodplain

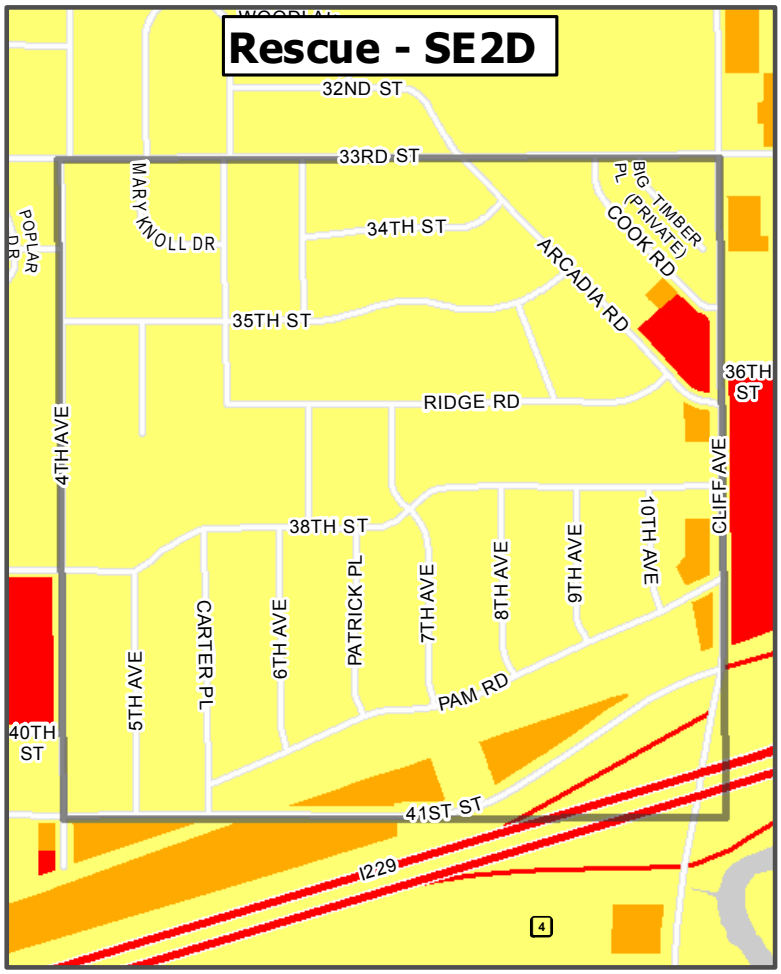
0.2 percent Annual Chance

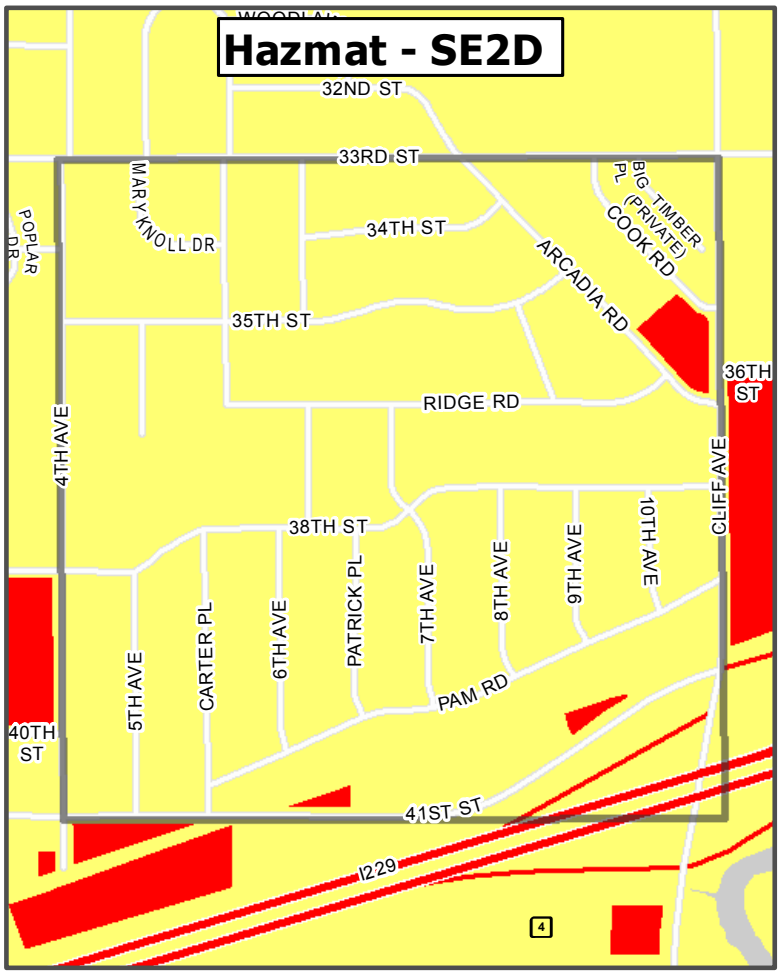
1 percent Annual Chance

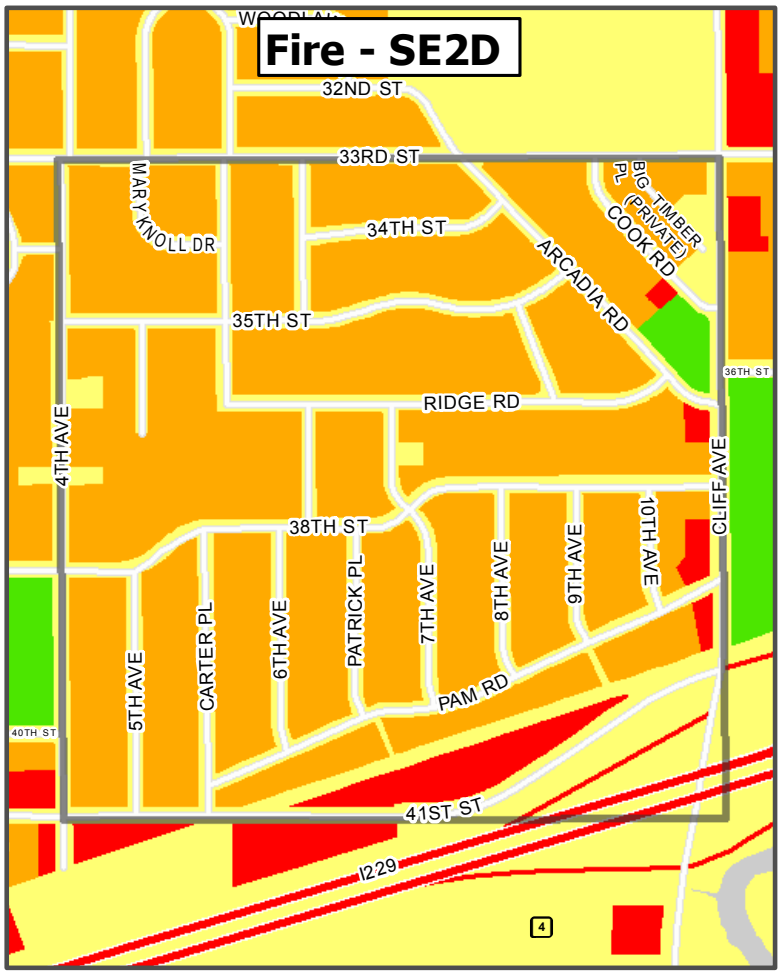







Low | Moderate | High | Special

1 inch = 772 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 4 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 75% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |

# SE2E

Fire

Rescue

HazMat

EMS

SUB Substation

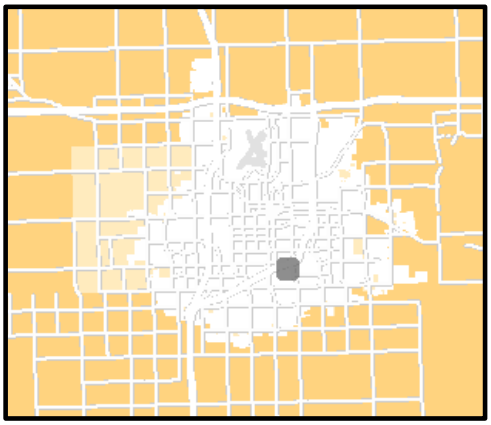
Transmission Line

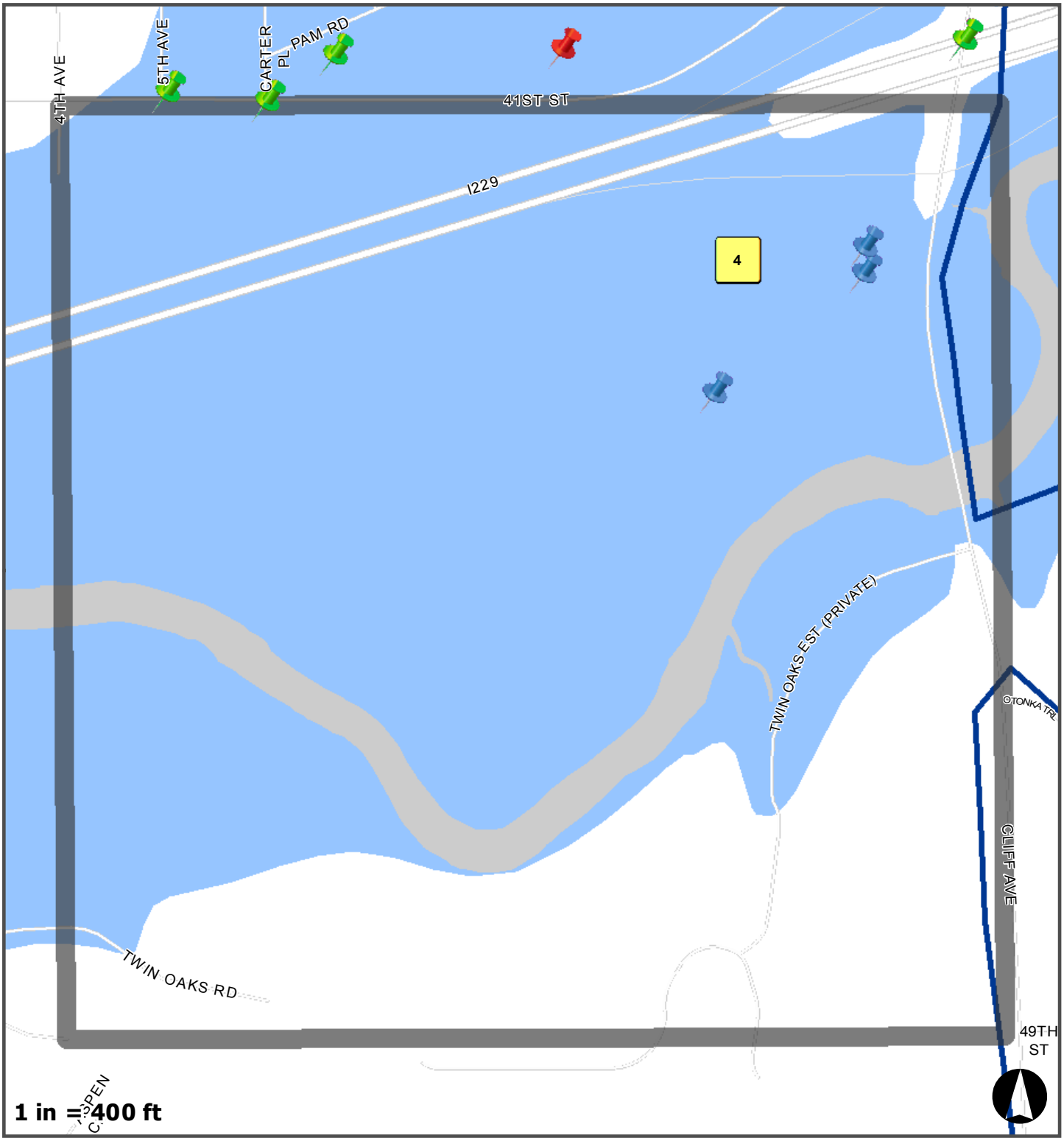
Major Gas Line

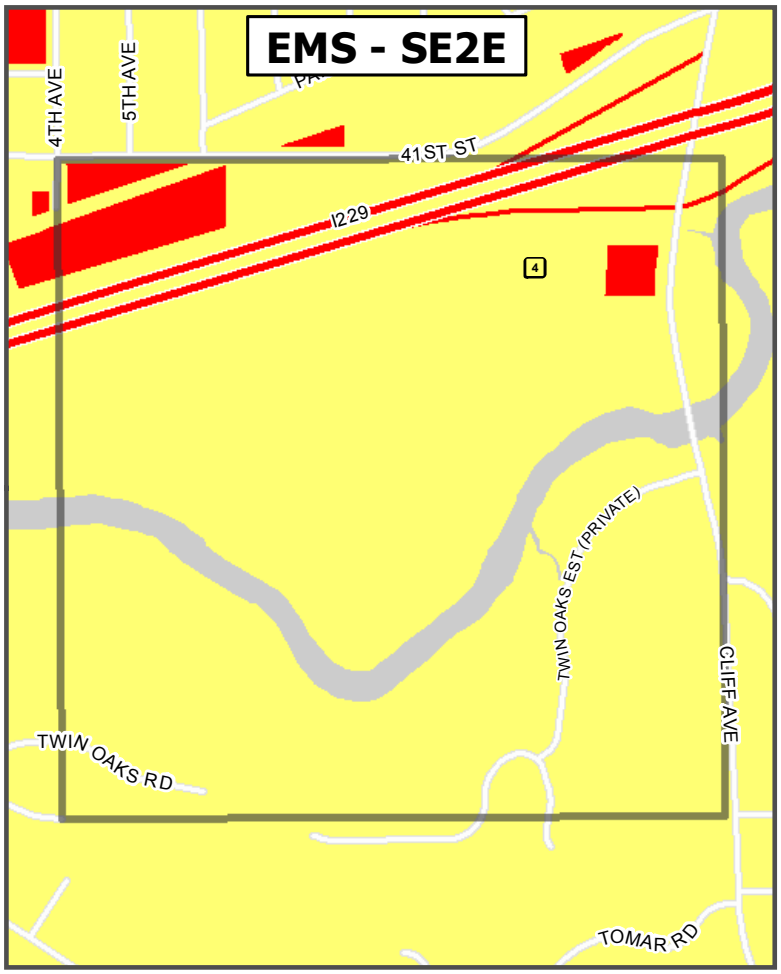
Floodplain

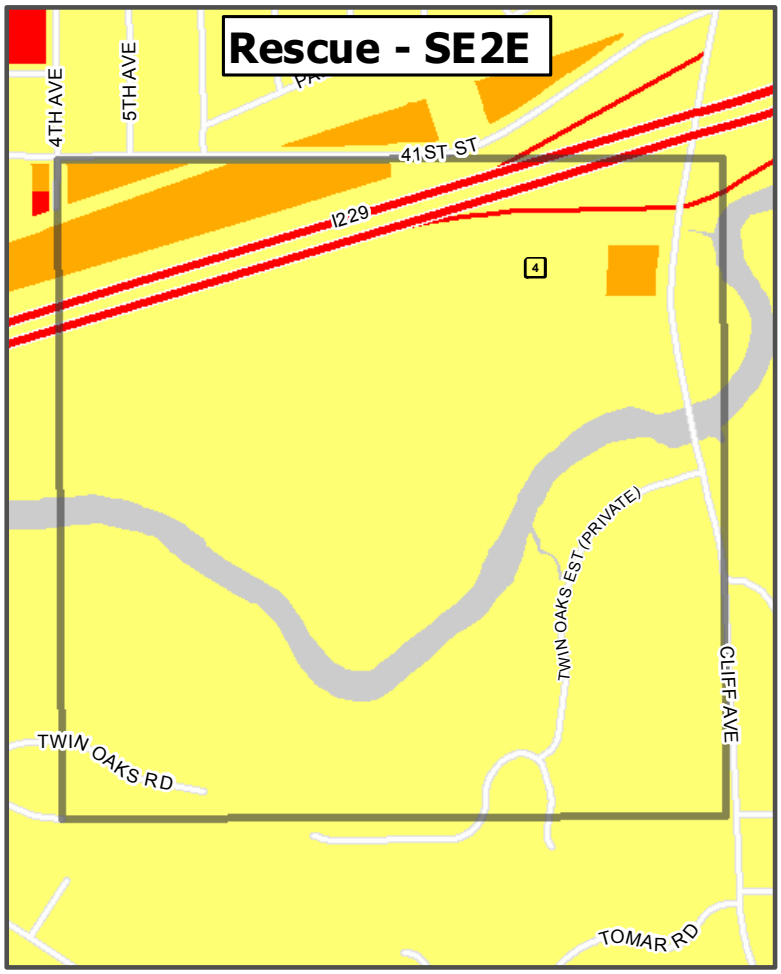
0.2 percent Annual Chance

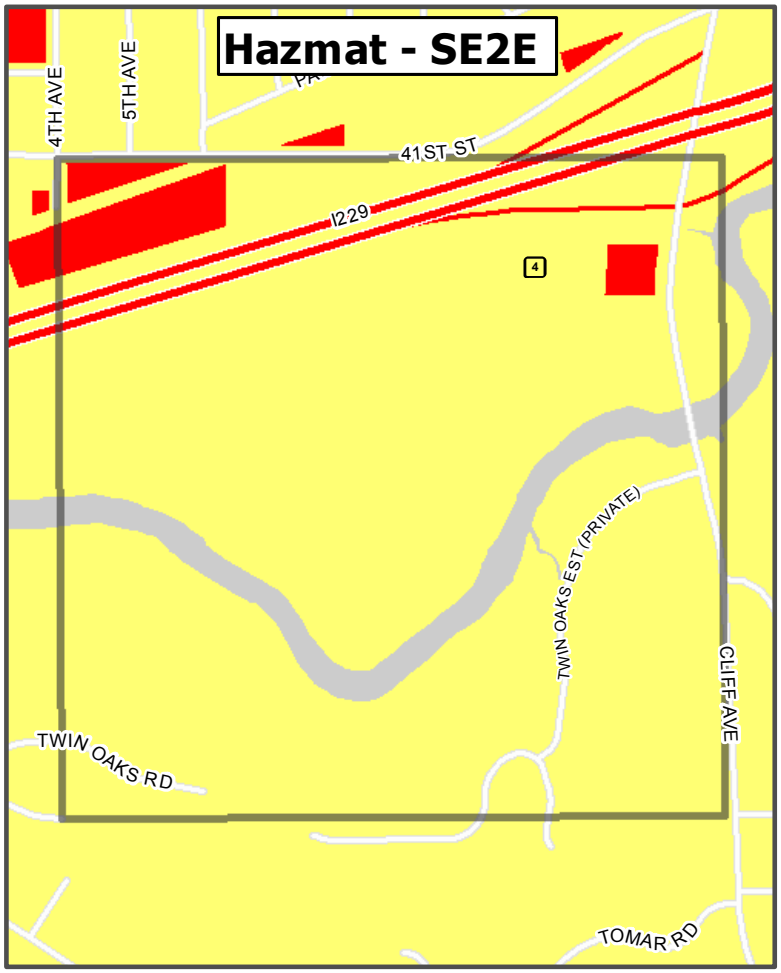
1 percent Annual Chance

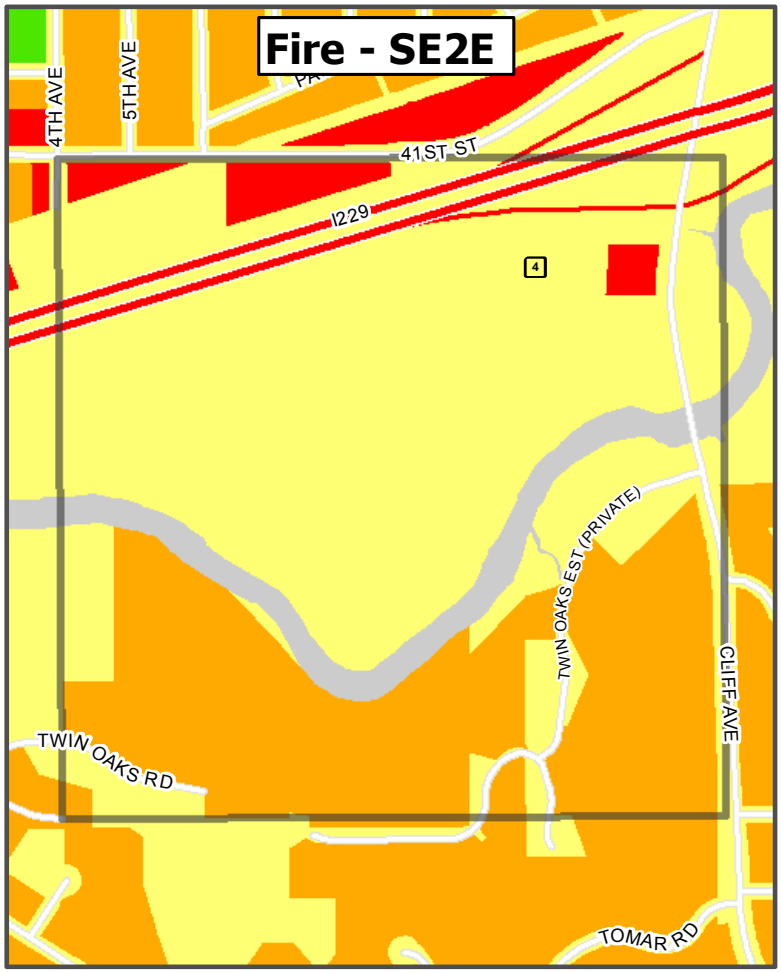







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 8 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE2F

Fire

Rescue

HazMat

EMS

SUB Substation

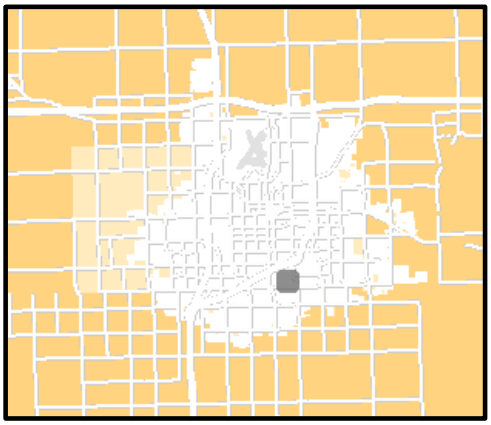
Transmission Line

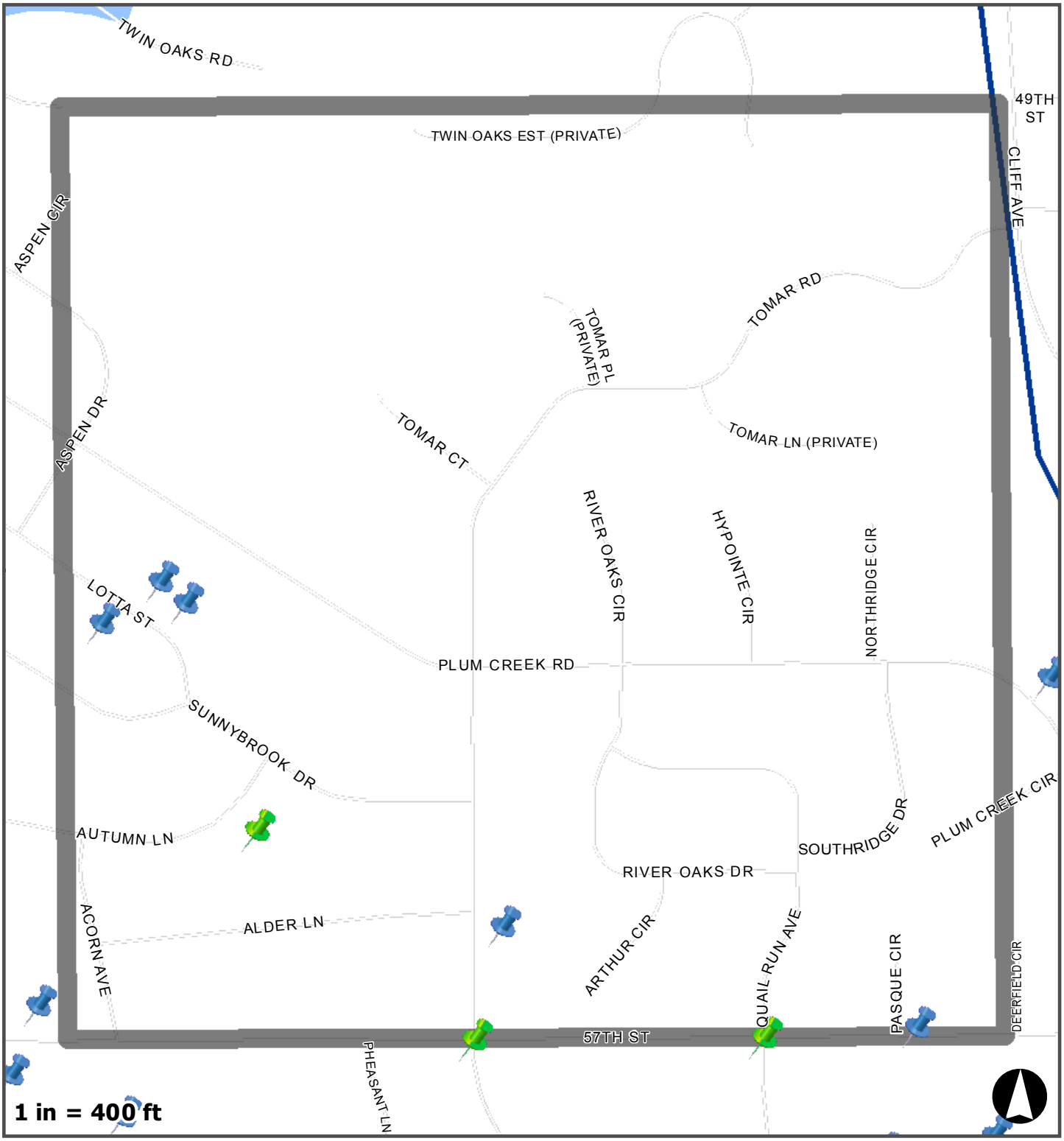
Major Gas Line

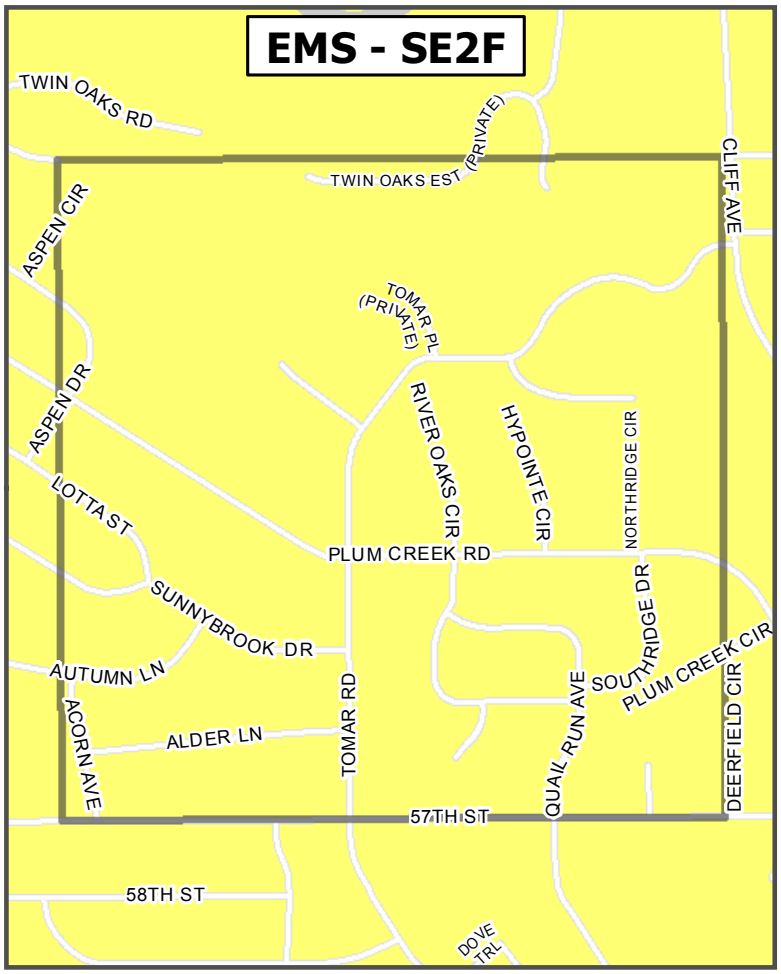
Floodplain

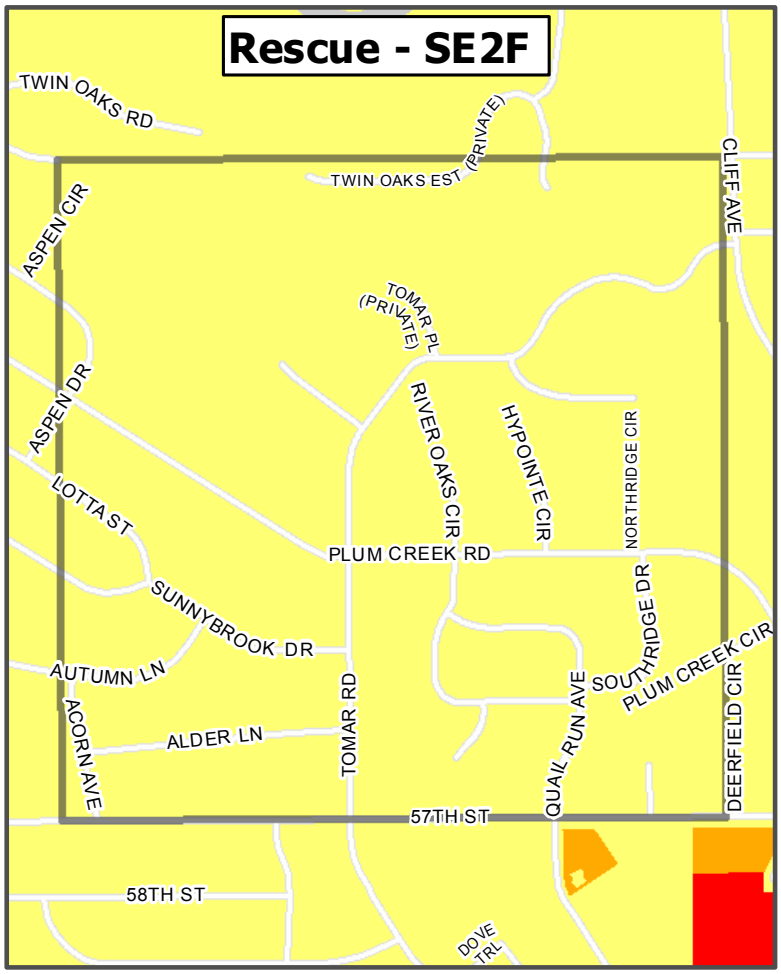
0.2 percent Annual Chance

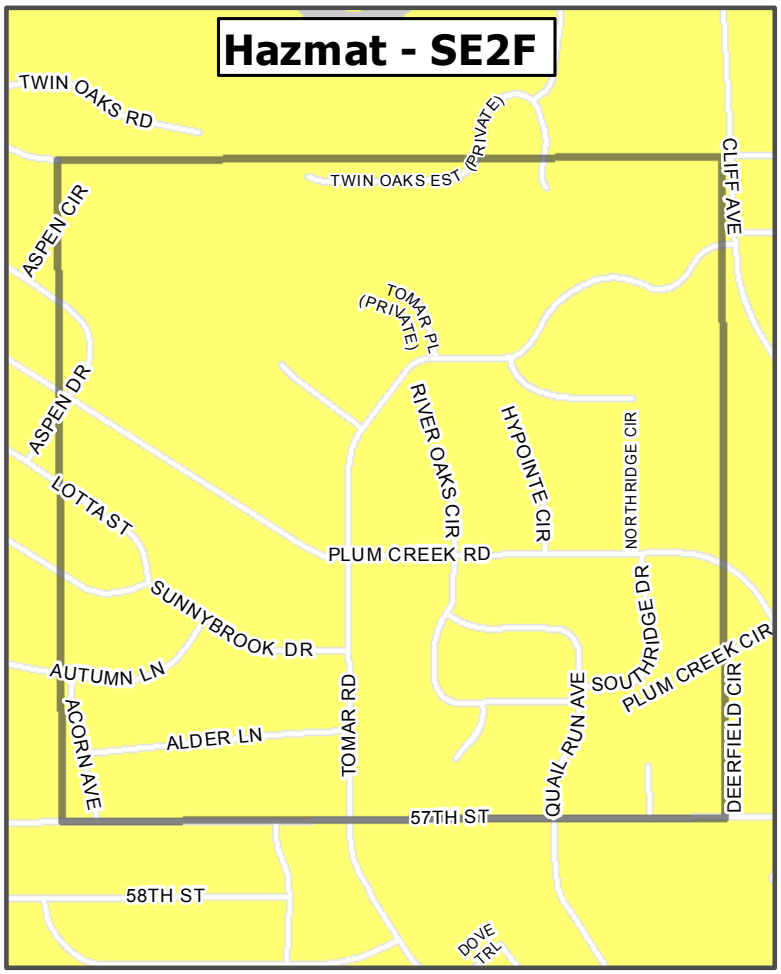
1 percent Annual Chance

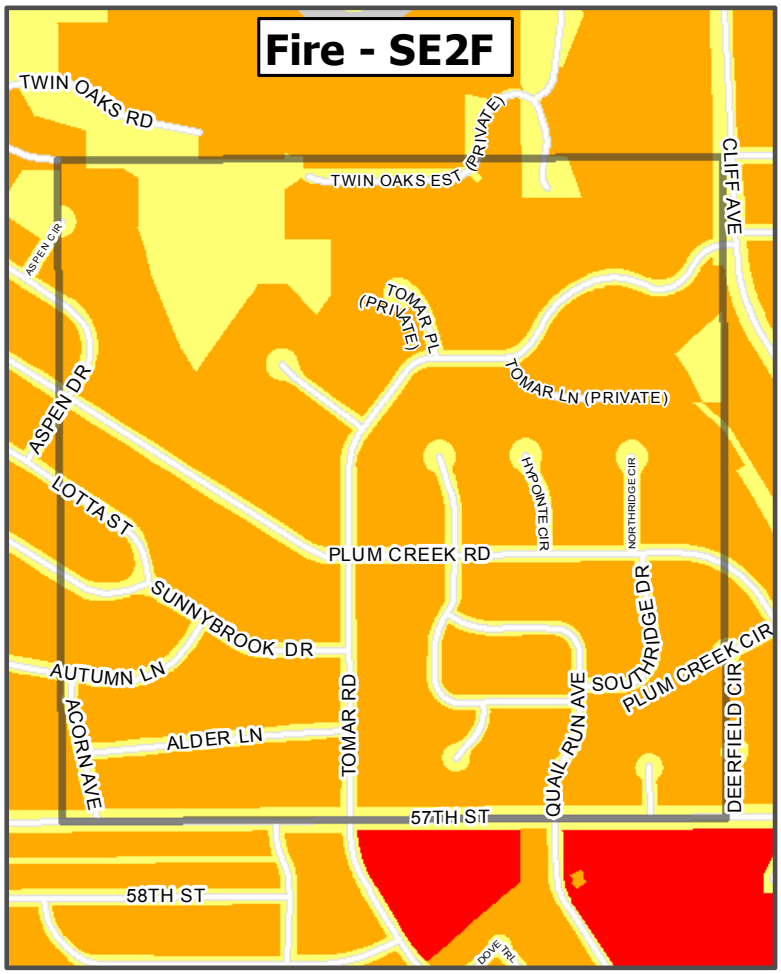







Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 4 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 6 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE2G

Fire

Rescue

HazMat

EMS

SUB Substation

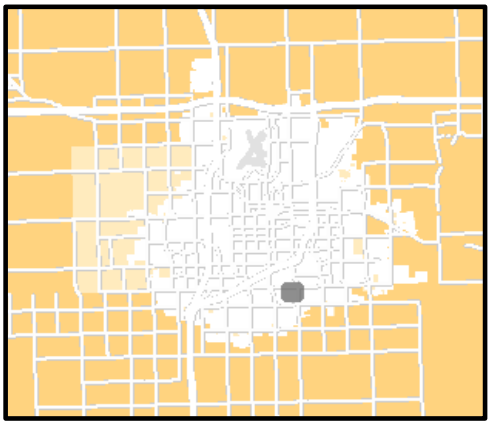
Transmission Line

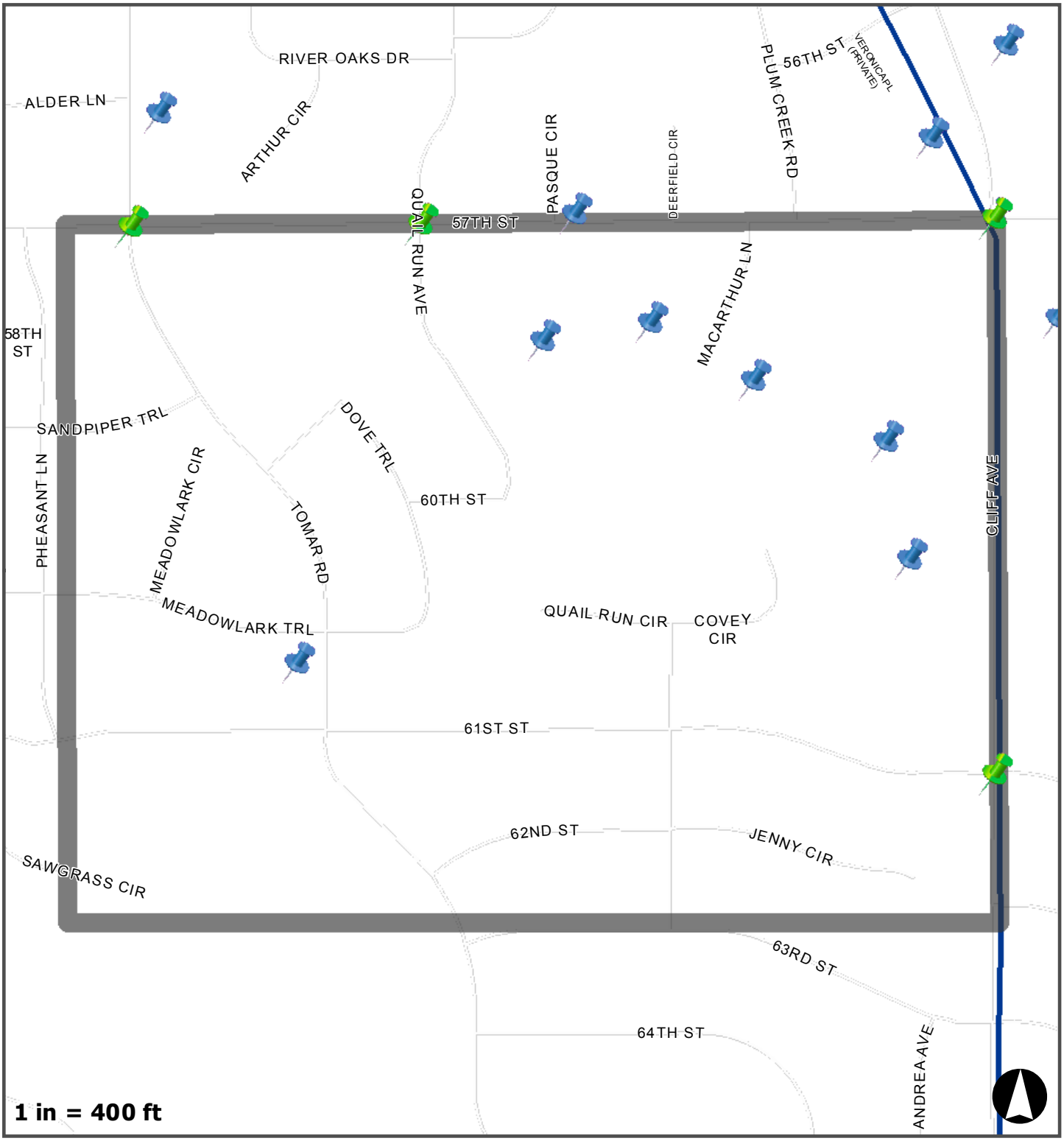
Major Gas Line

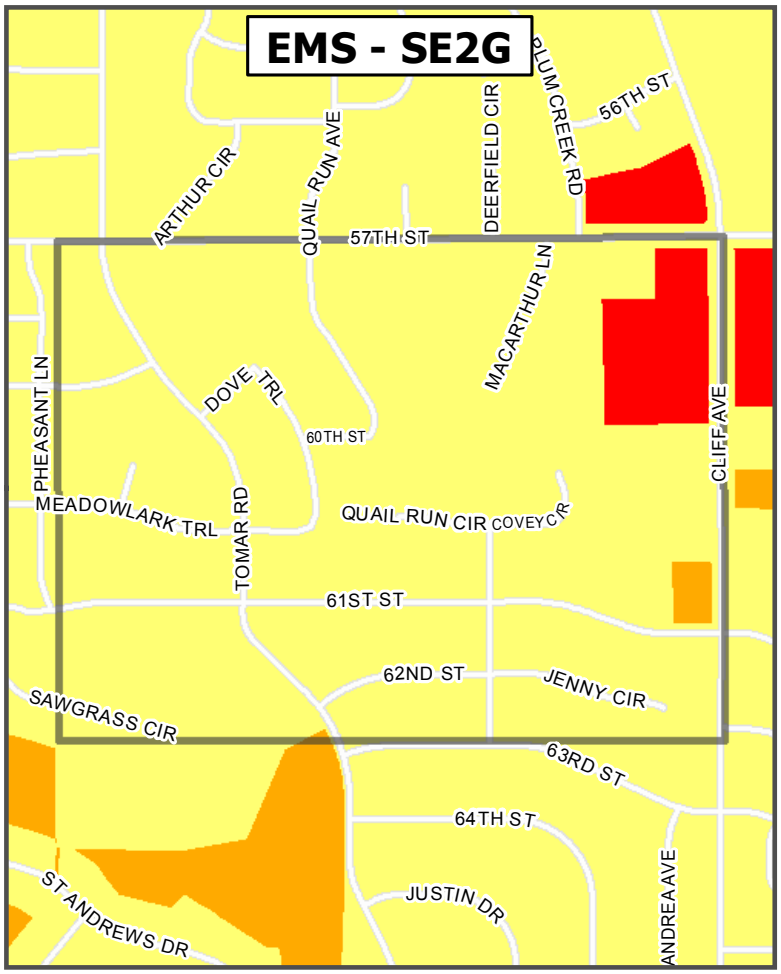
Floodplain

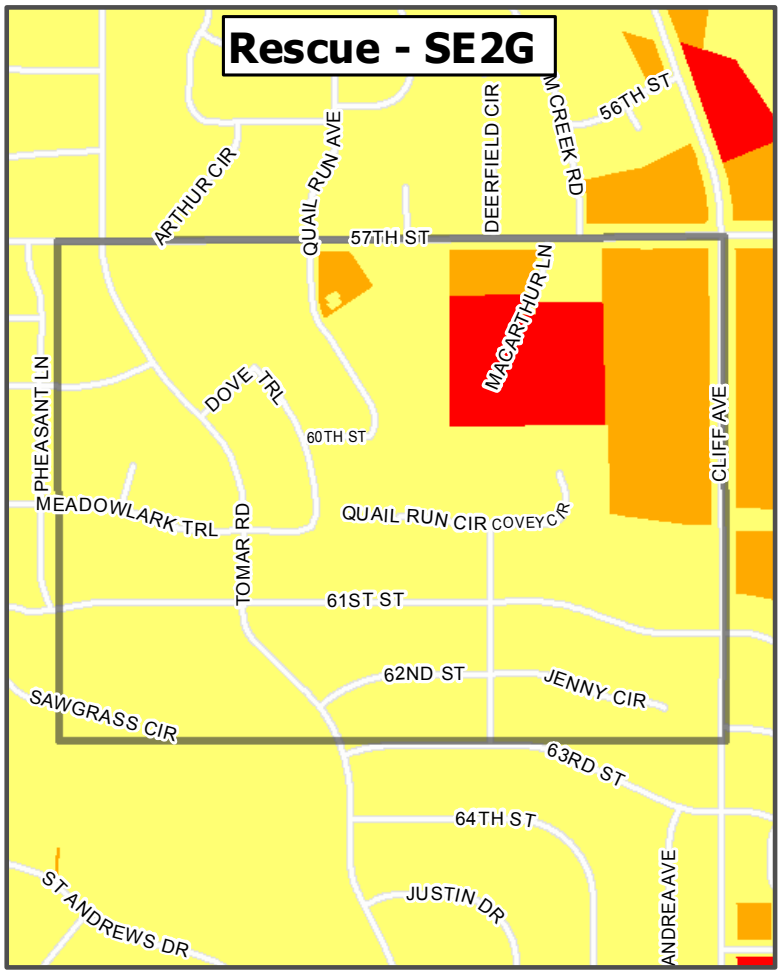
0.2 percent Annual Chance

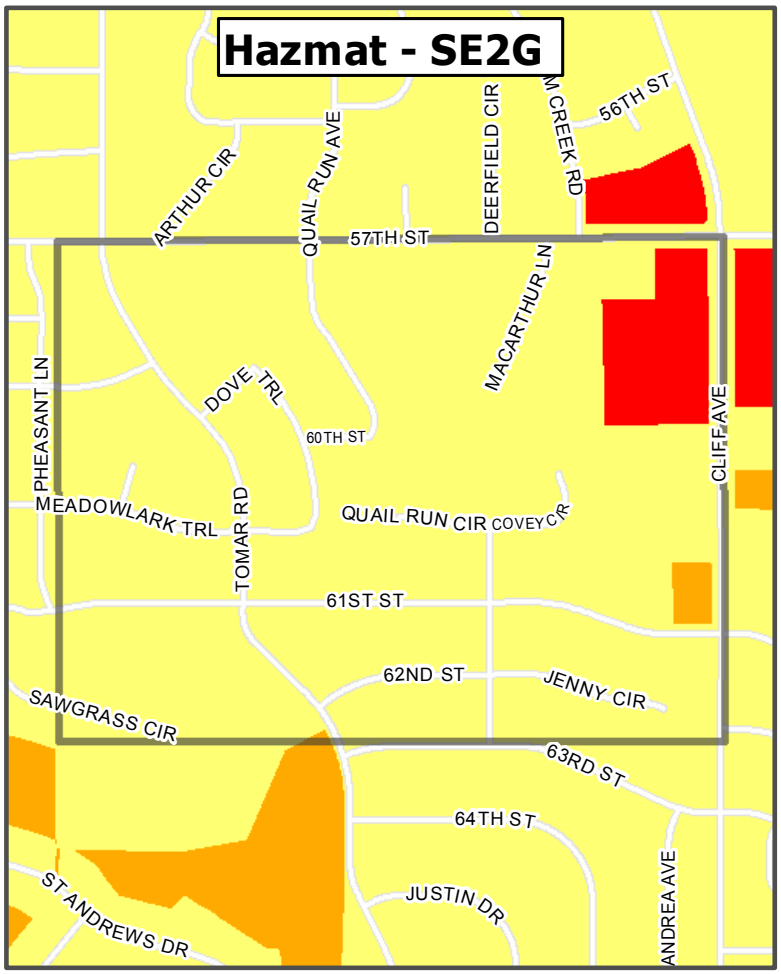
1 percent Annual Chance

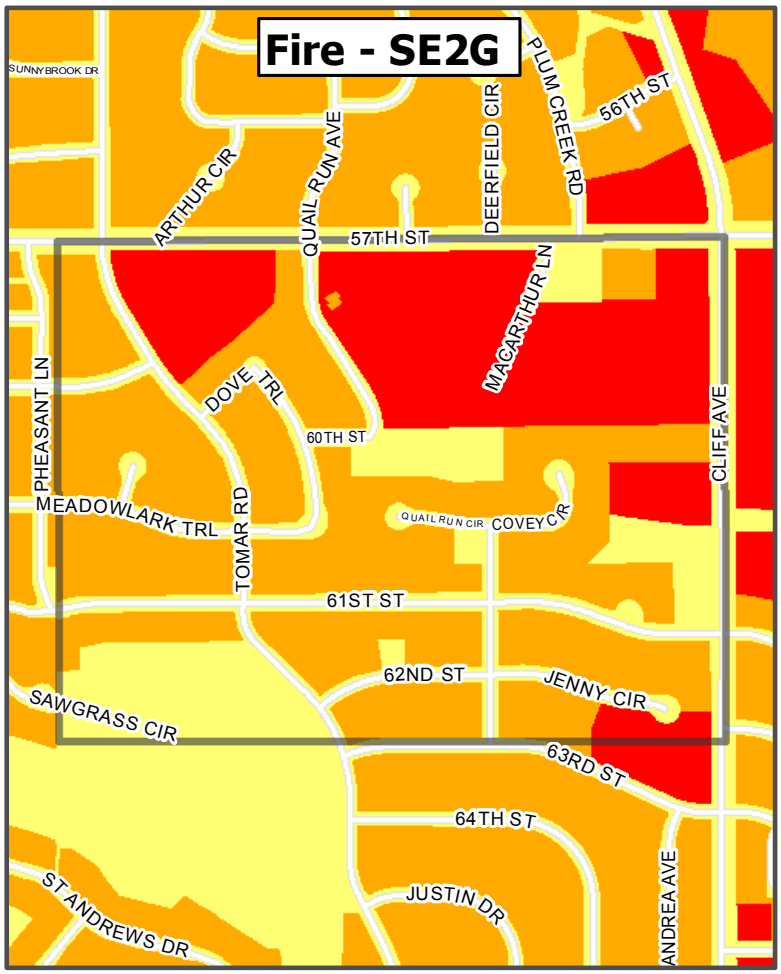







Low | Moderate | High | Special

1 inch = 759 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 2 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 16 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE2H

Fire

Rescue

HazMat

EMS

SUB Substation

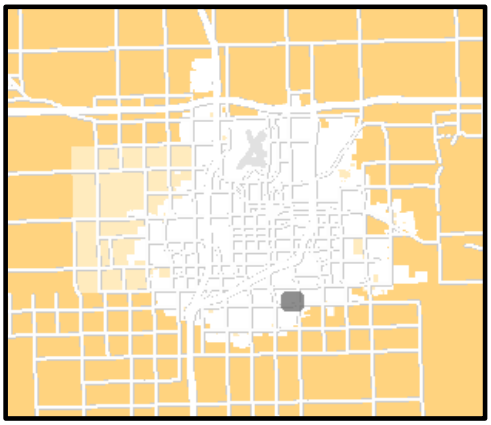
Transmission Line

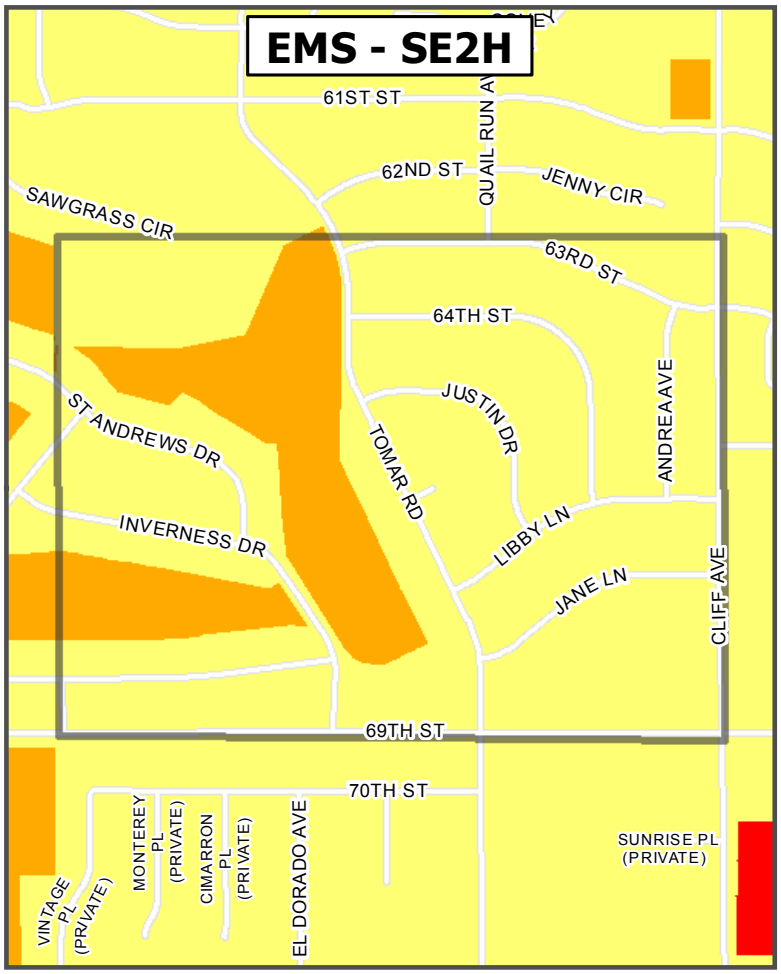
Major Gas Line

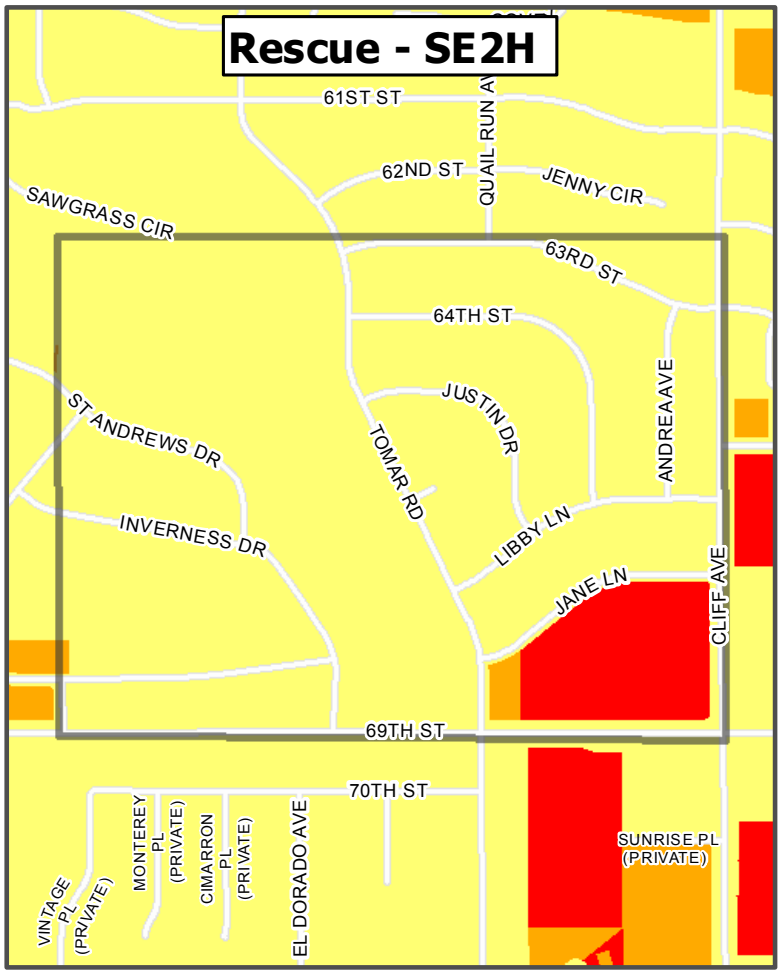
Floodplain

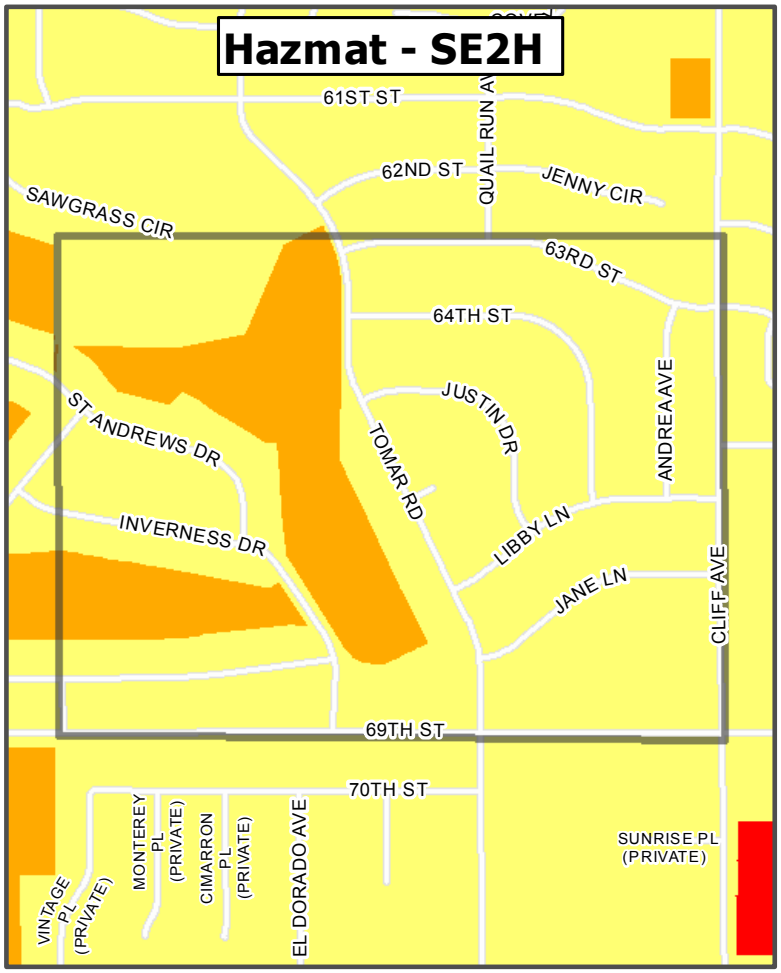
0.2 percent Annual Chance

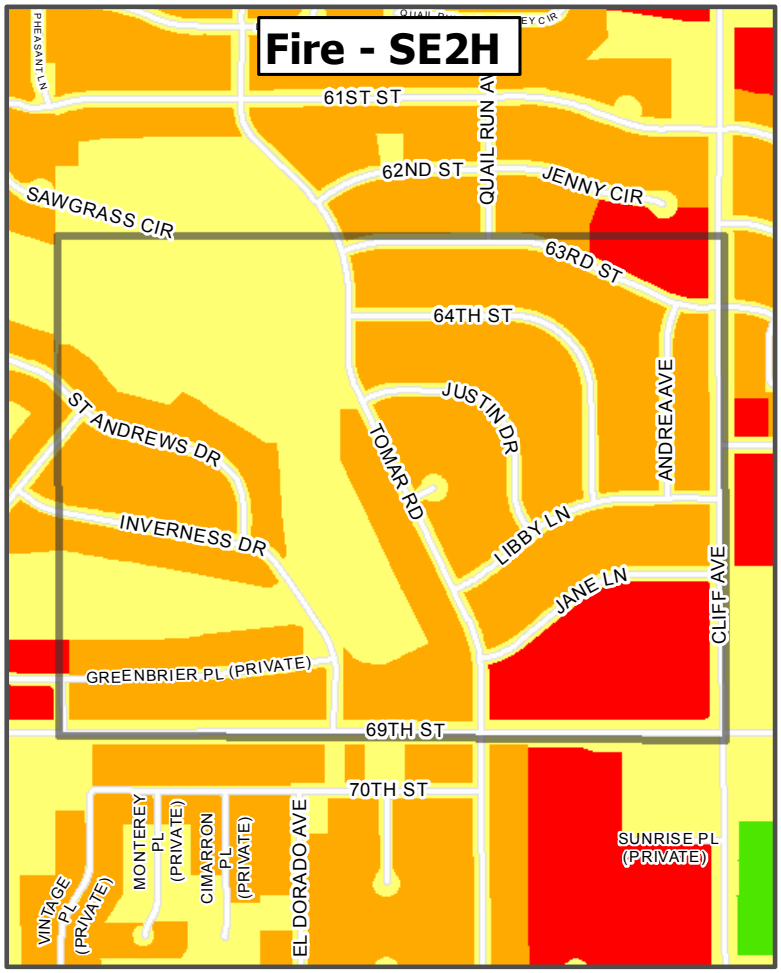
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 760 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2I

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 23 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE2I

Fire

Rescue

HazMat

EMS

SUB Substation

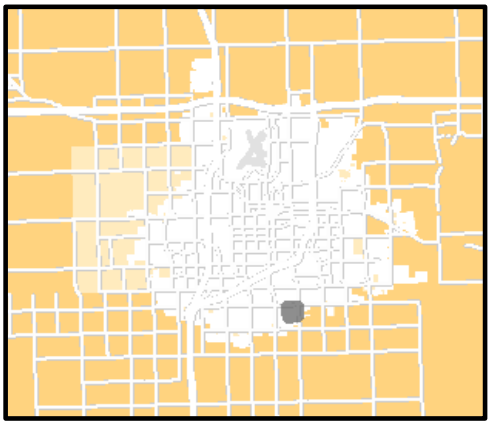
Transmission Line

Major Gas Line

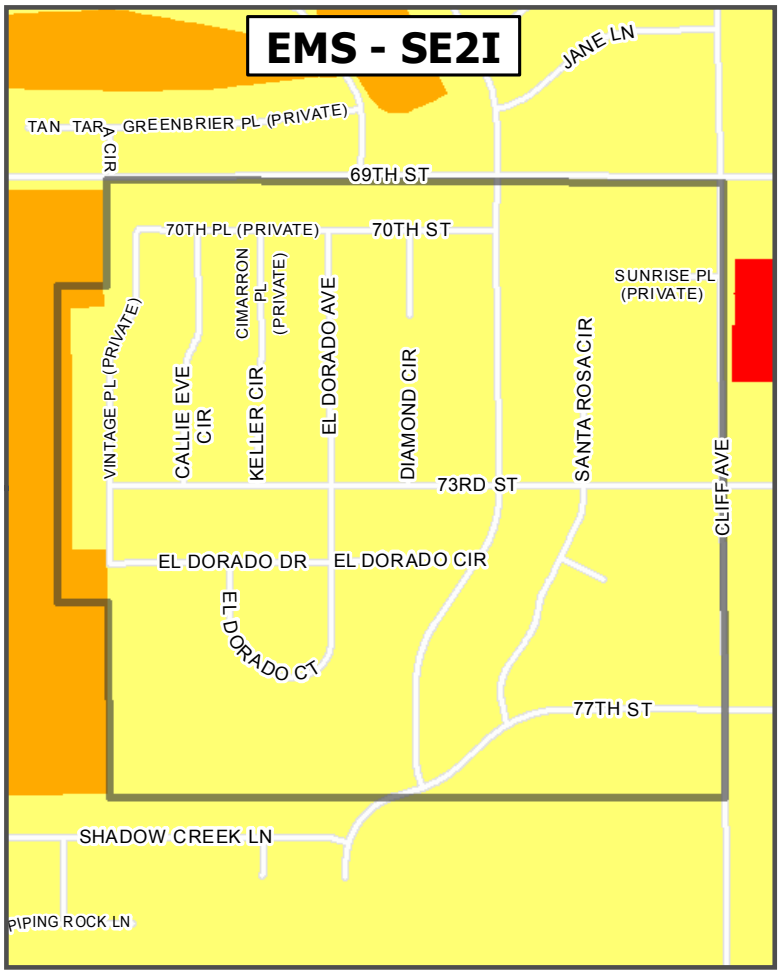
Floodplain

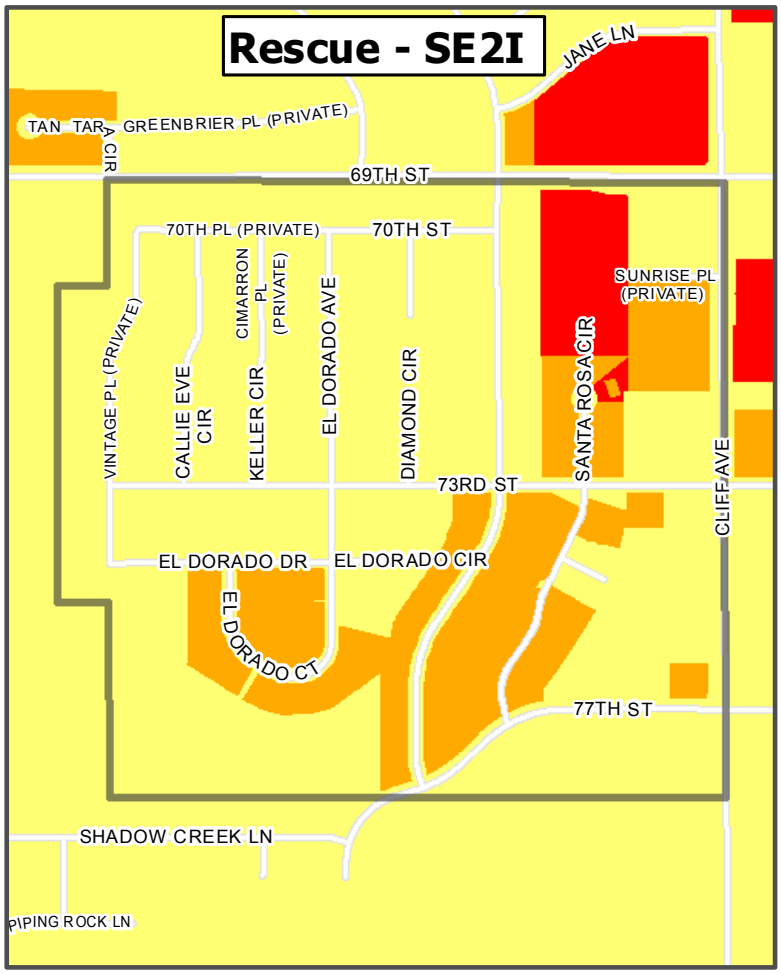
0.2 percent Annual Chance

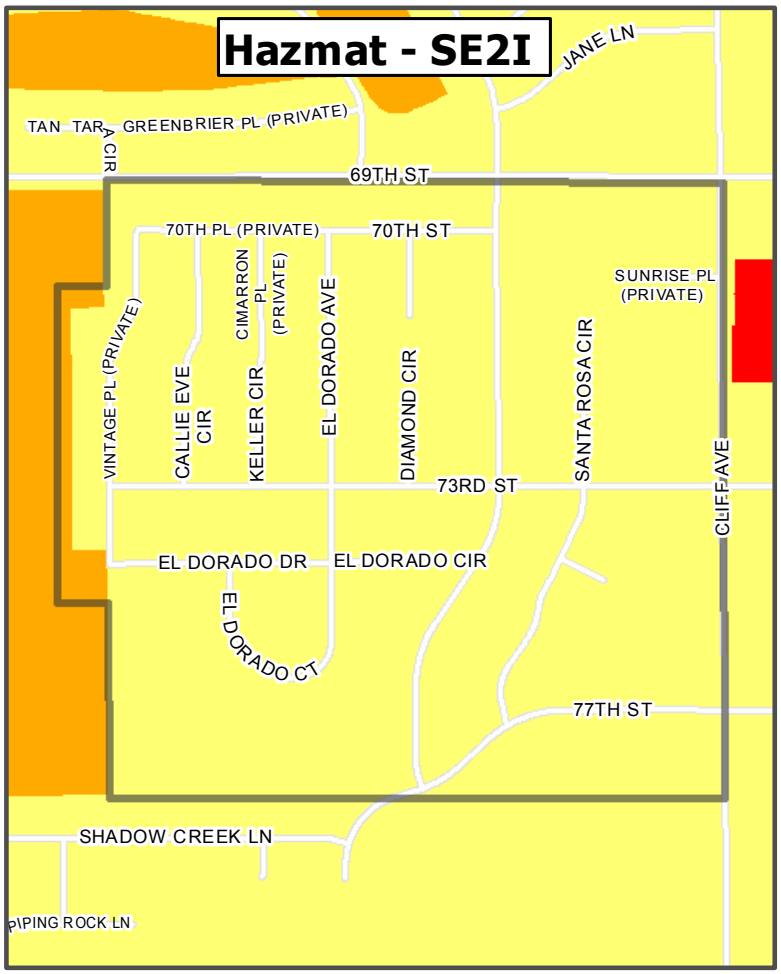
1 percent Annual Chance

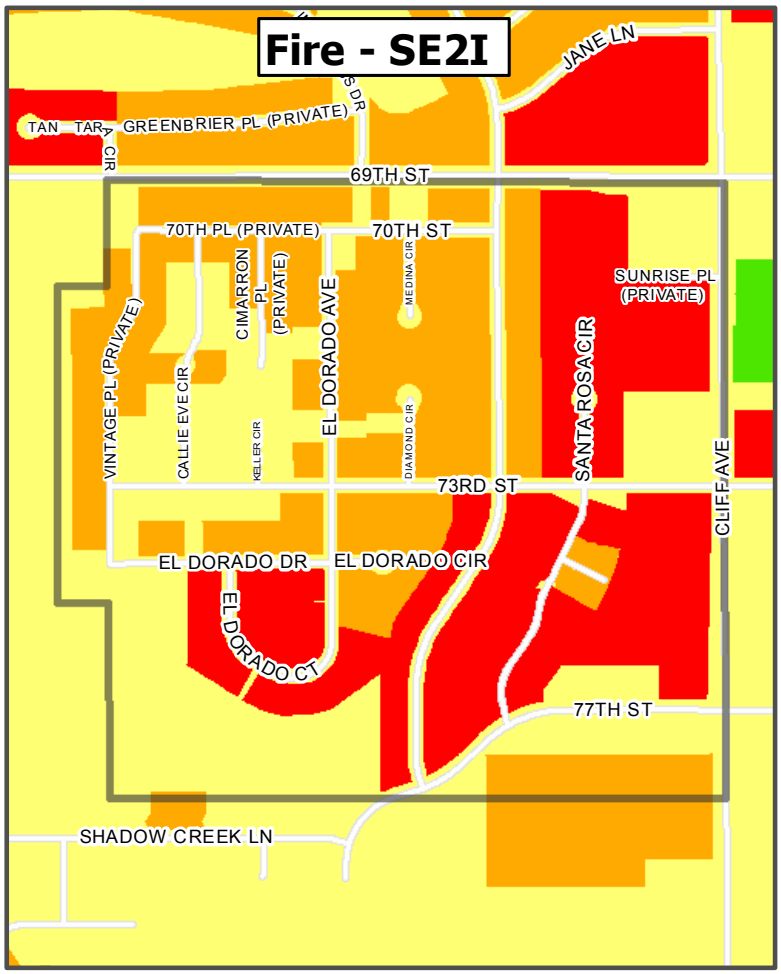


1 in = 400 ft




Low | Moderate | High | Special

1 inch = 822 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 2J

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE2J

Fire

Rescue

HazMat

EMS

SUB Substation

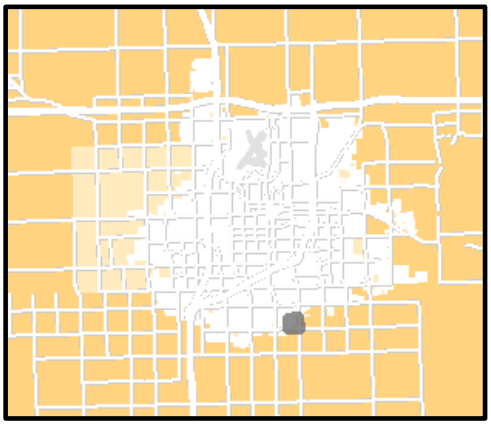
Transmission Line

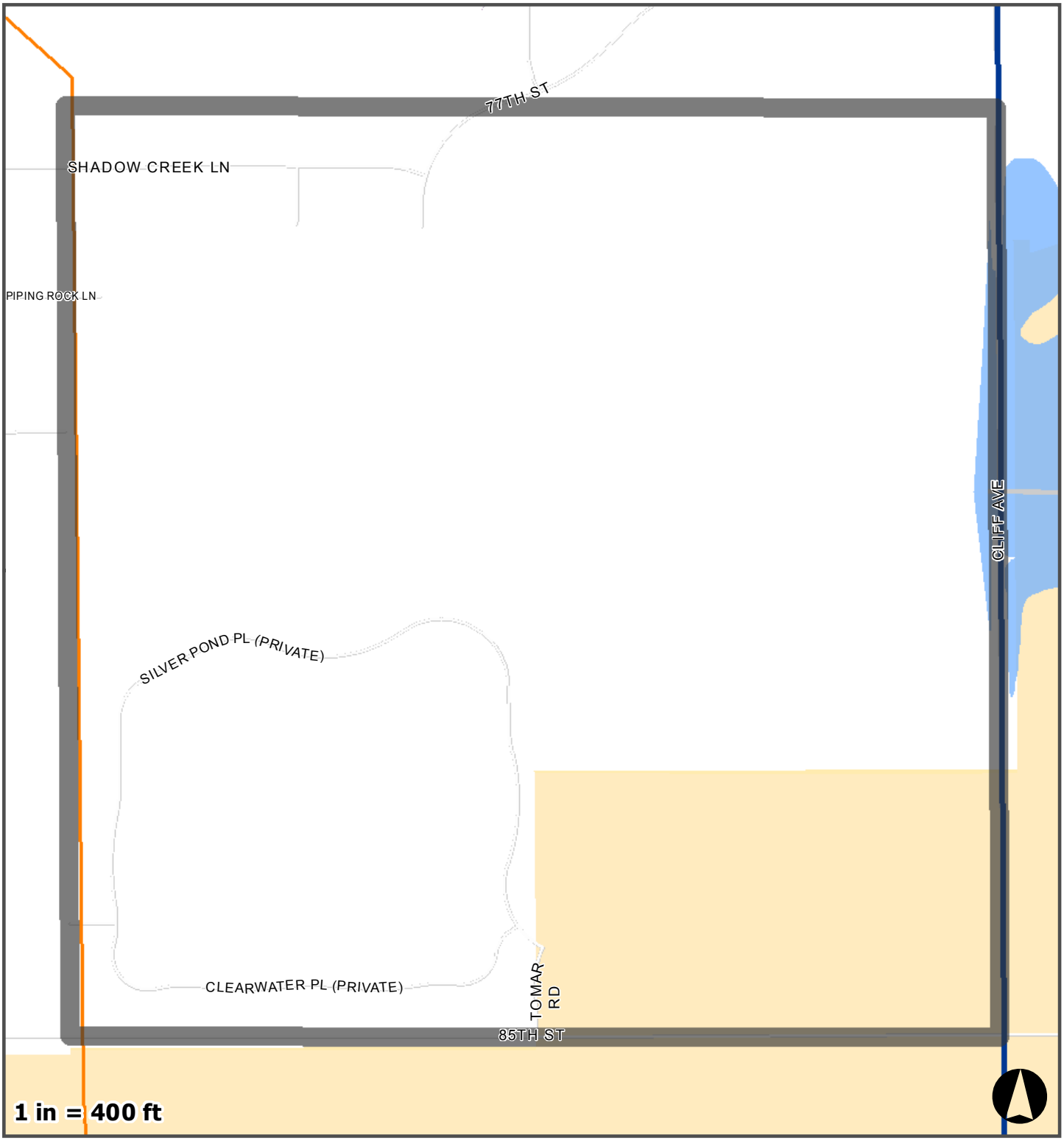
Major Gas Line

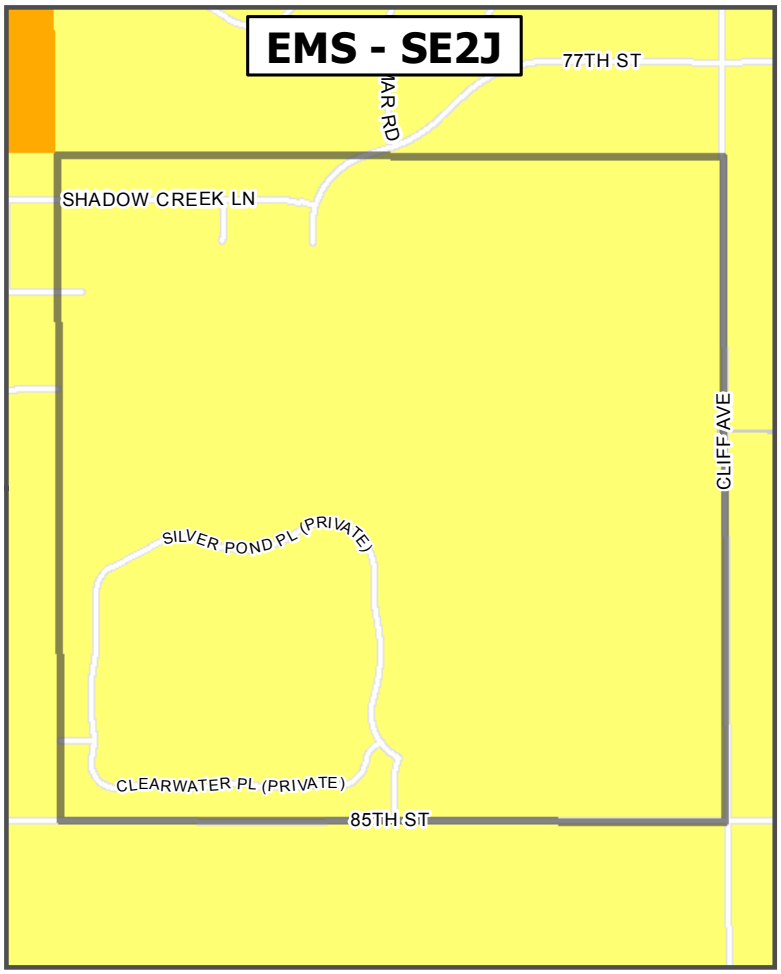
Floodplain

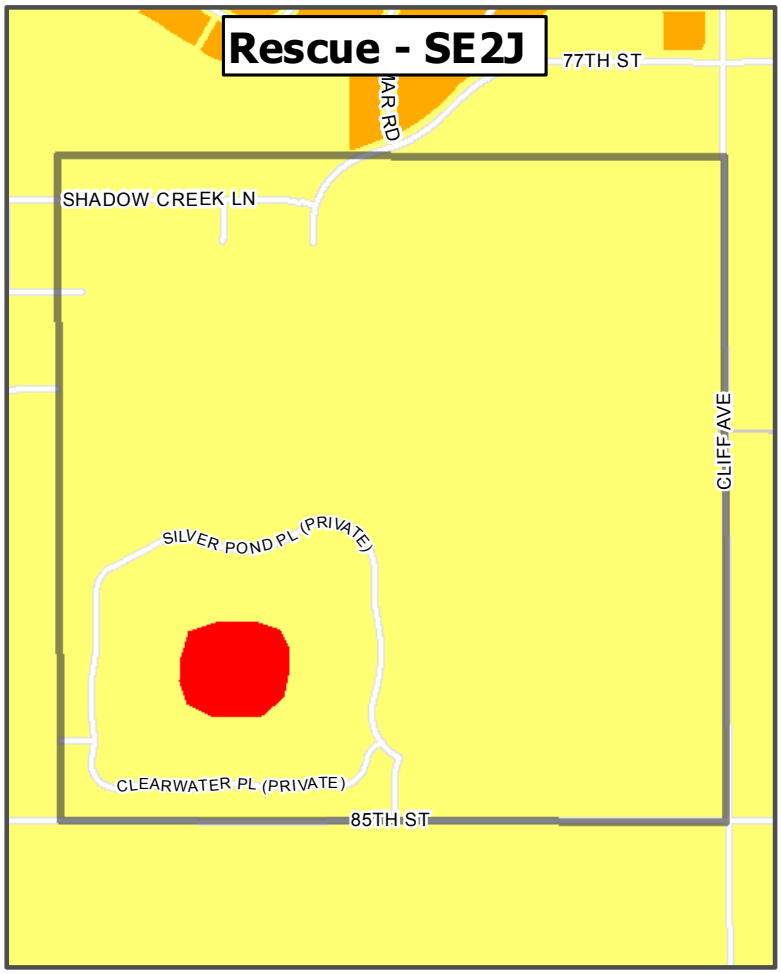
0.2 percent Annual Chance

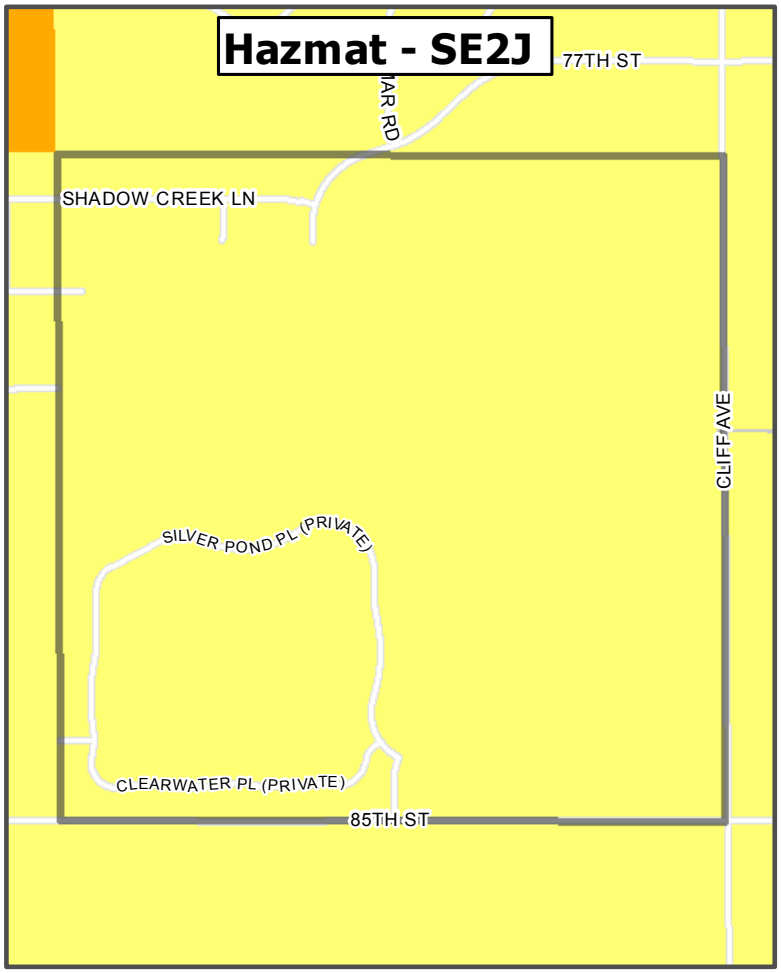
1 percent Annual Chance

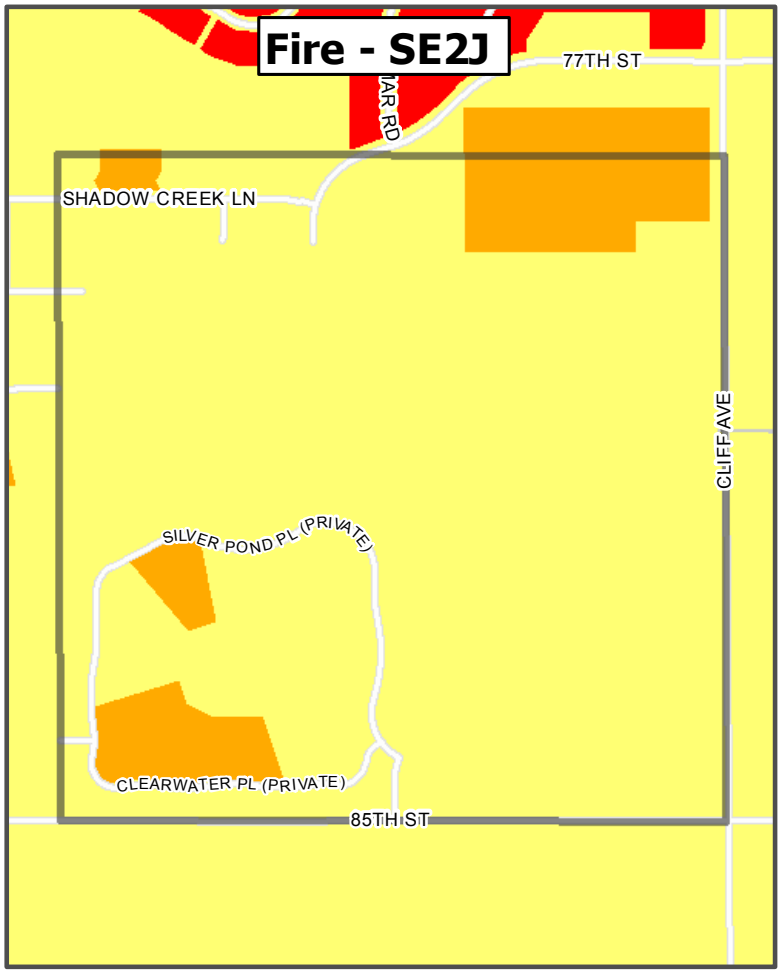







Low | Moderate | High | Special

1 inch = 760 feet

# SE2K

Fire

Rescue

HazMat

EMS

SUB Substation

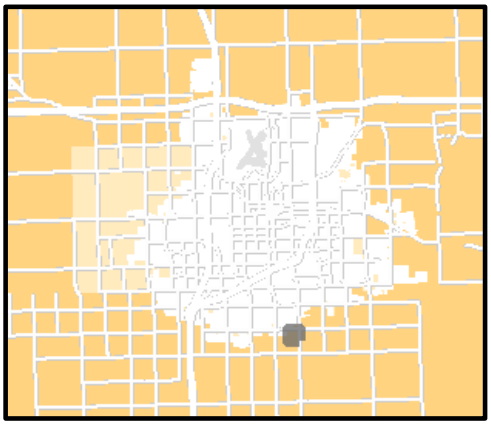
Transmission Line

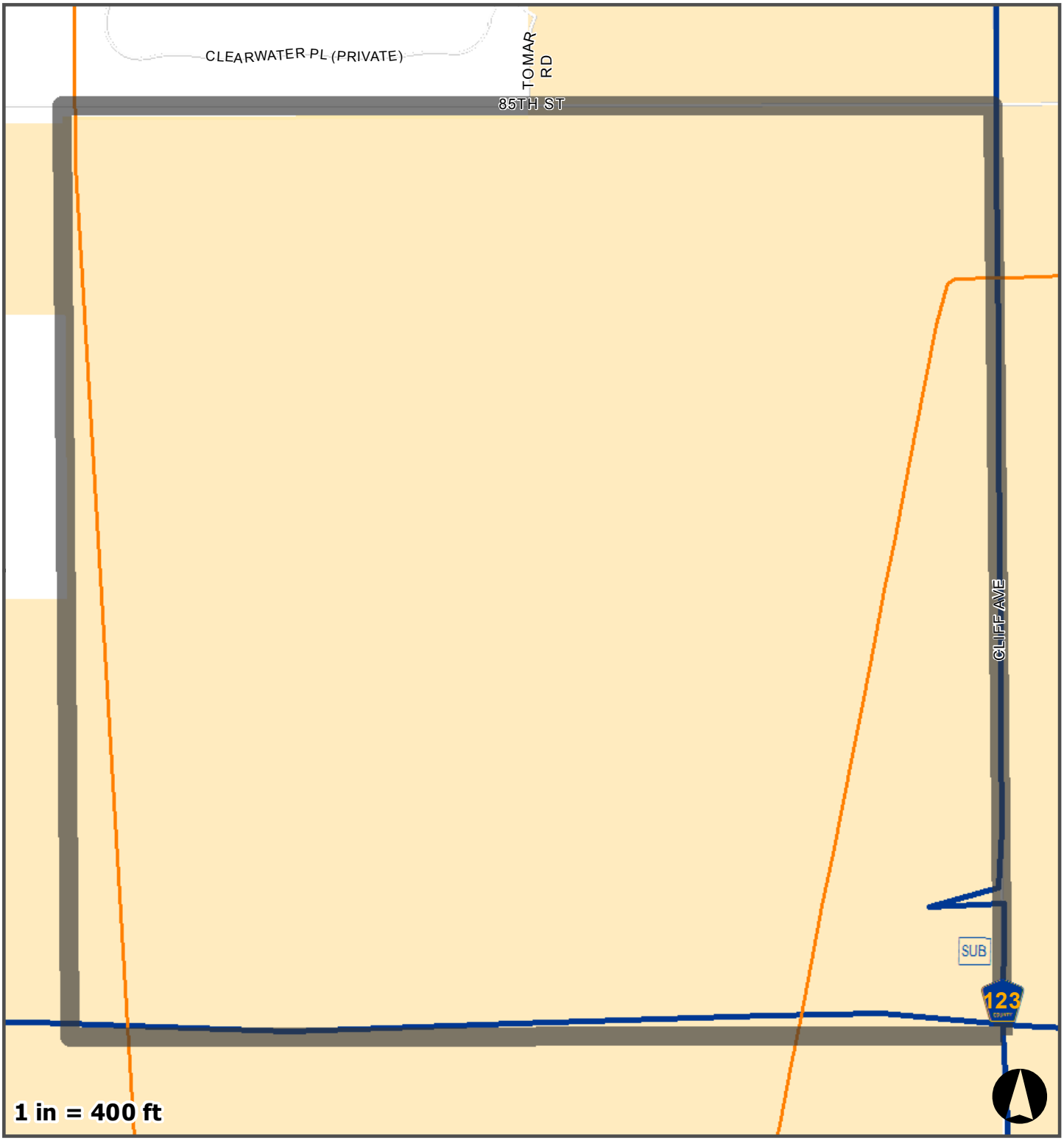
Major Gas Line

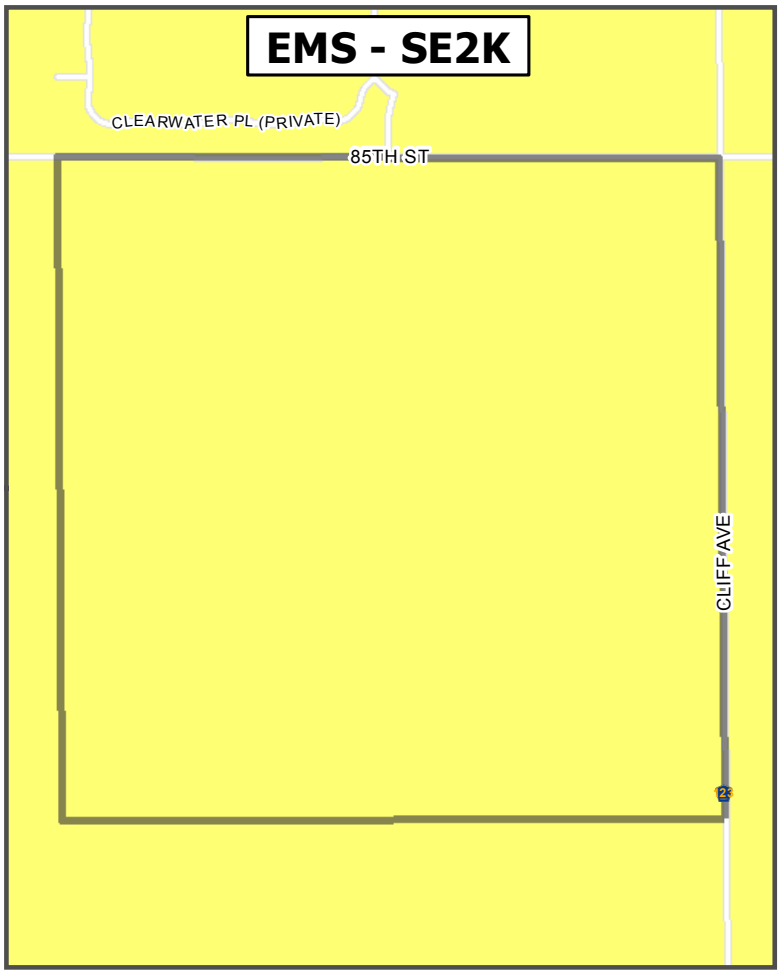
Floodplain

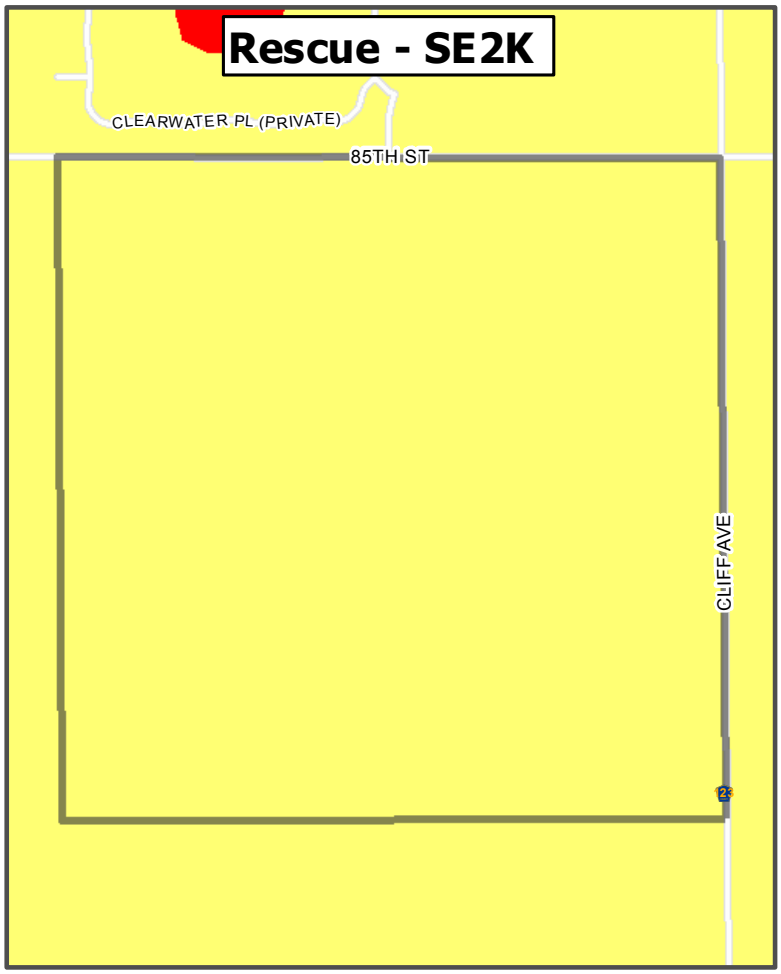
0.2 percent Annual Chance

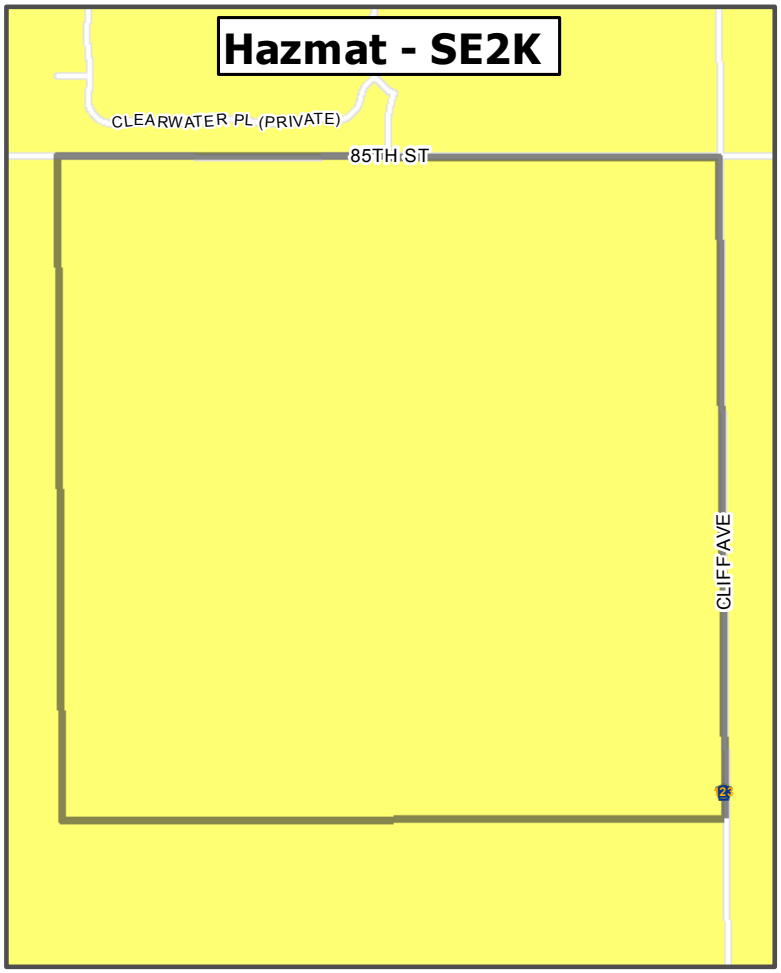
1 percent Annual Chance

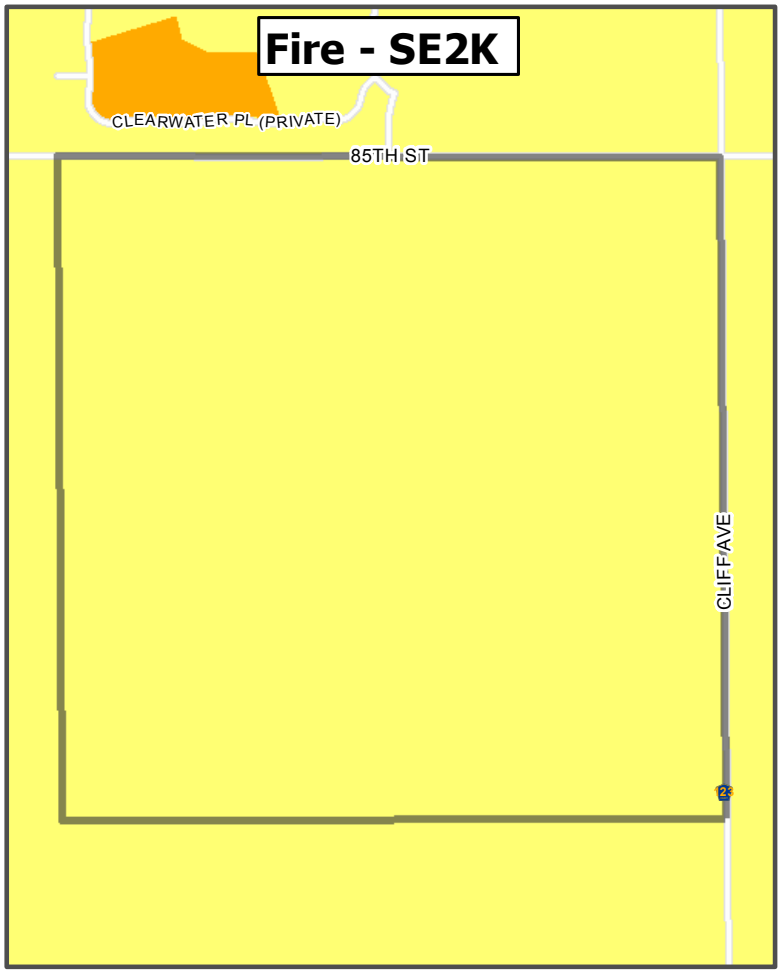







Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3A

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 5 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 23 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Moderate | Moderate | Moderate | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | High | High | Low |
| High Speed MVA | Moderate | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 40% of this quadrant lies in the flood plain | | |
| Rail Line intersects this quadrant | | |
| EUGENE FIELD ELEMENTARY | Type 1 | School |

# SE3A

Fire

Rescue

HazMat

EMS

SUB Substation

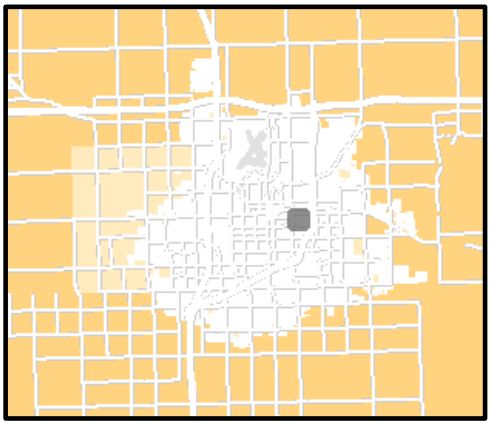
Transmission Line

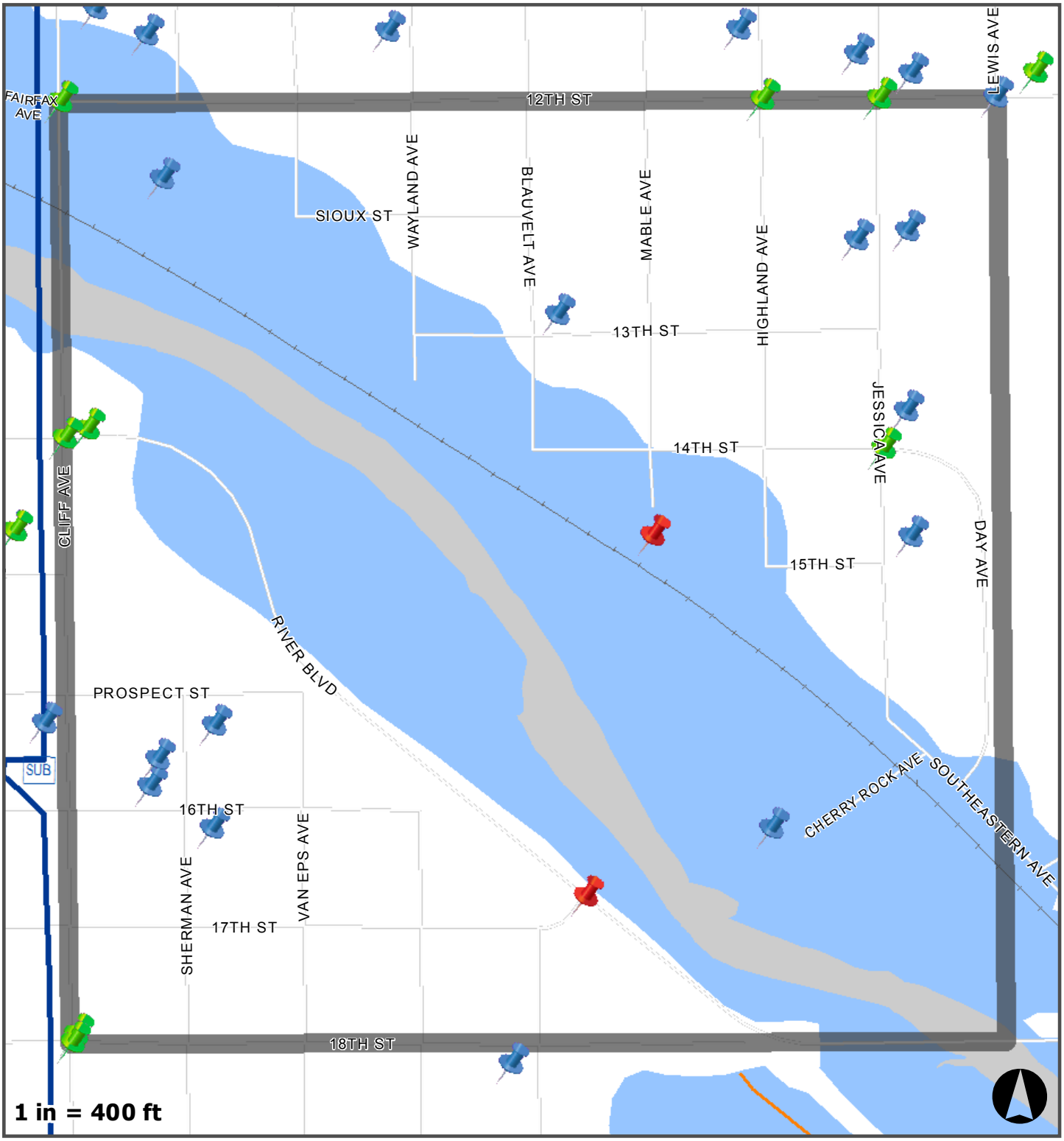
Major Gas Line

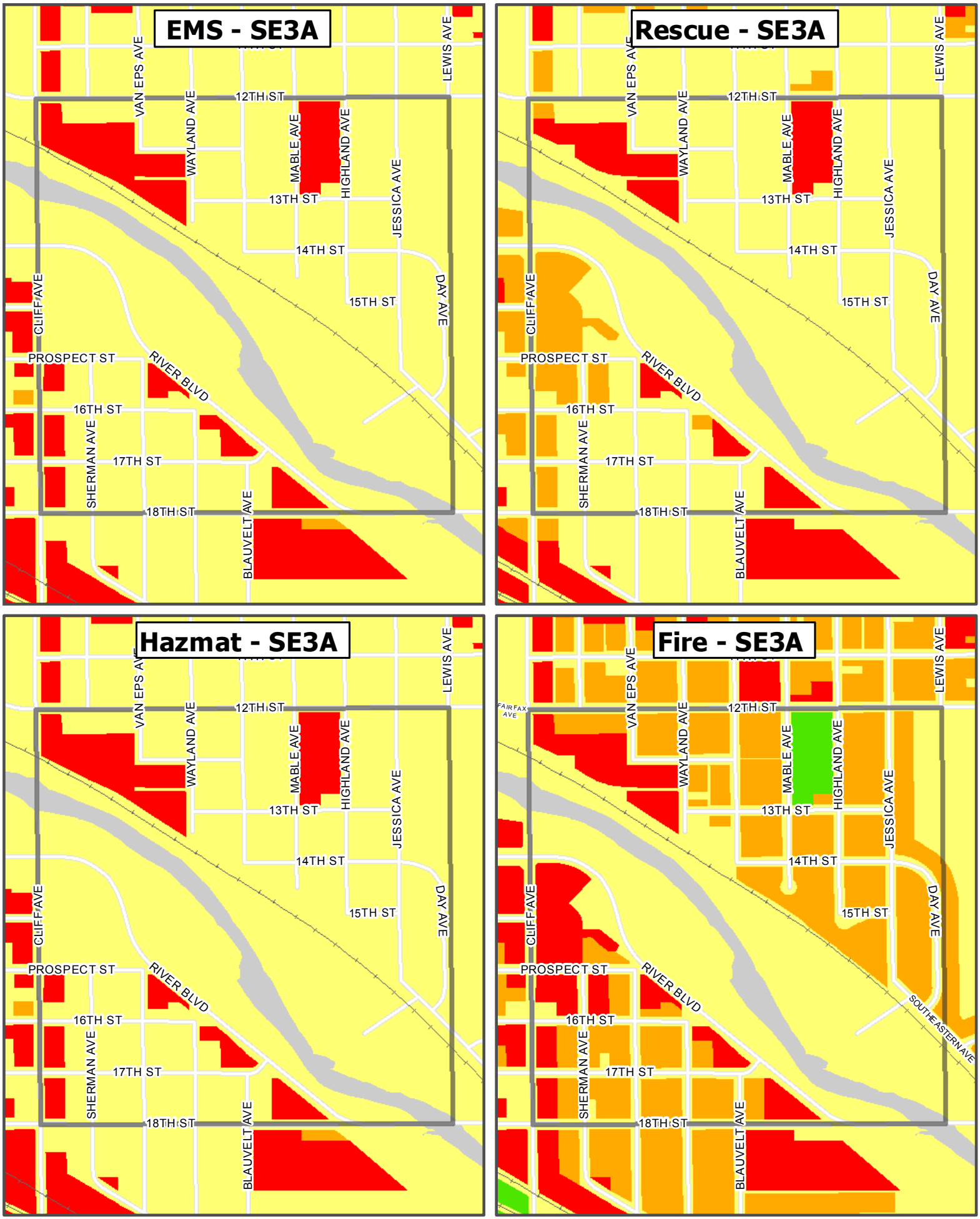
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






EMS - SE3A
Rescue - SE3A
Hazmat - SE3A
Fire - SE3A
VAN EPS AVE
WAYLAND AVE
MABLE AVE
HIGHLAND AVE
JESSICA AVE
LEWIS AVE
DAY AVE
CLIFF AVE
SHERMAN AVE
BLAUVELT AVE
12TH ST
13TH ST
14TH ST
15TH ST
16TH ST
17TH ST
18TH ST
PROSPECT ST
RIVER BLVD
FAIRFAX AVE
SOUTHEASTERN AVE
Low
Moderate
High
Special
1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 1 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 16 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 4 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 15% of this quadrant lies in the flood plain | | |
| Pipeline intersects this quadrant | | |
| Rail line intersects this quadrant | | |

# SE3B

Fire

Rescue

HazMat

EMS

SUB Substation

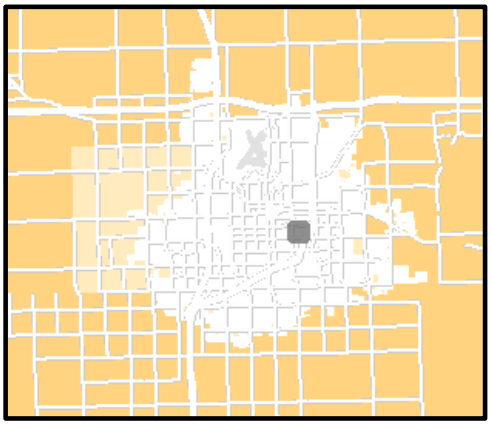
Transmission Line

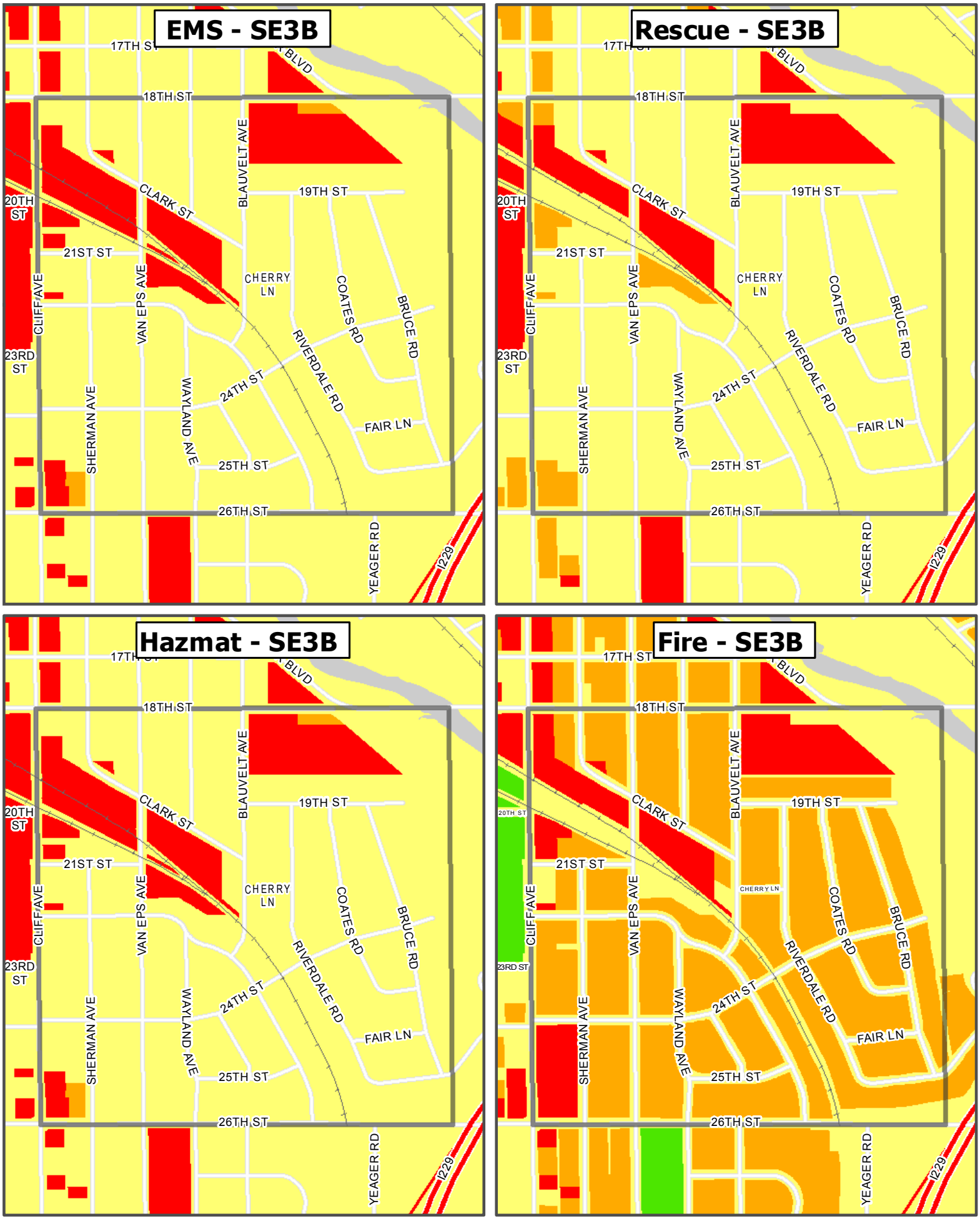
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3C

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 12 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 15% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |
| HORACE MANN ELEMENTARY | Type 1 | School |

# SE3C

Fire

Rescue

HazMat

EMS

SUB Substation

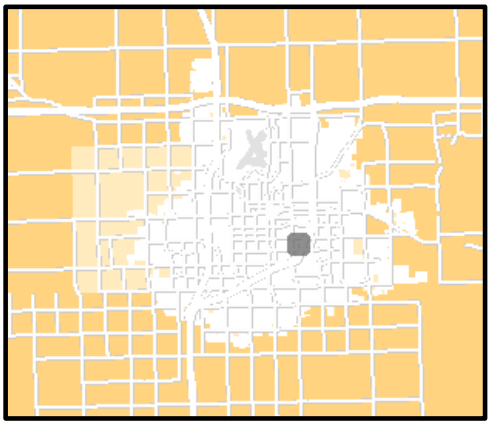
Transmission Line

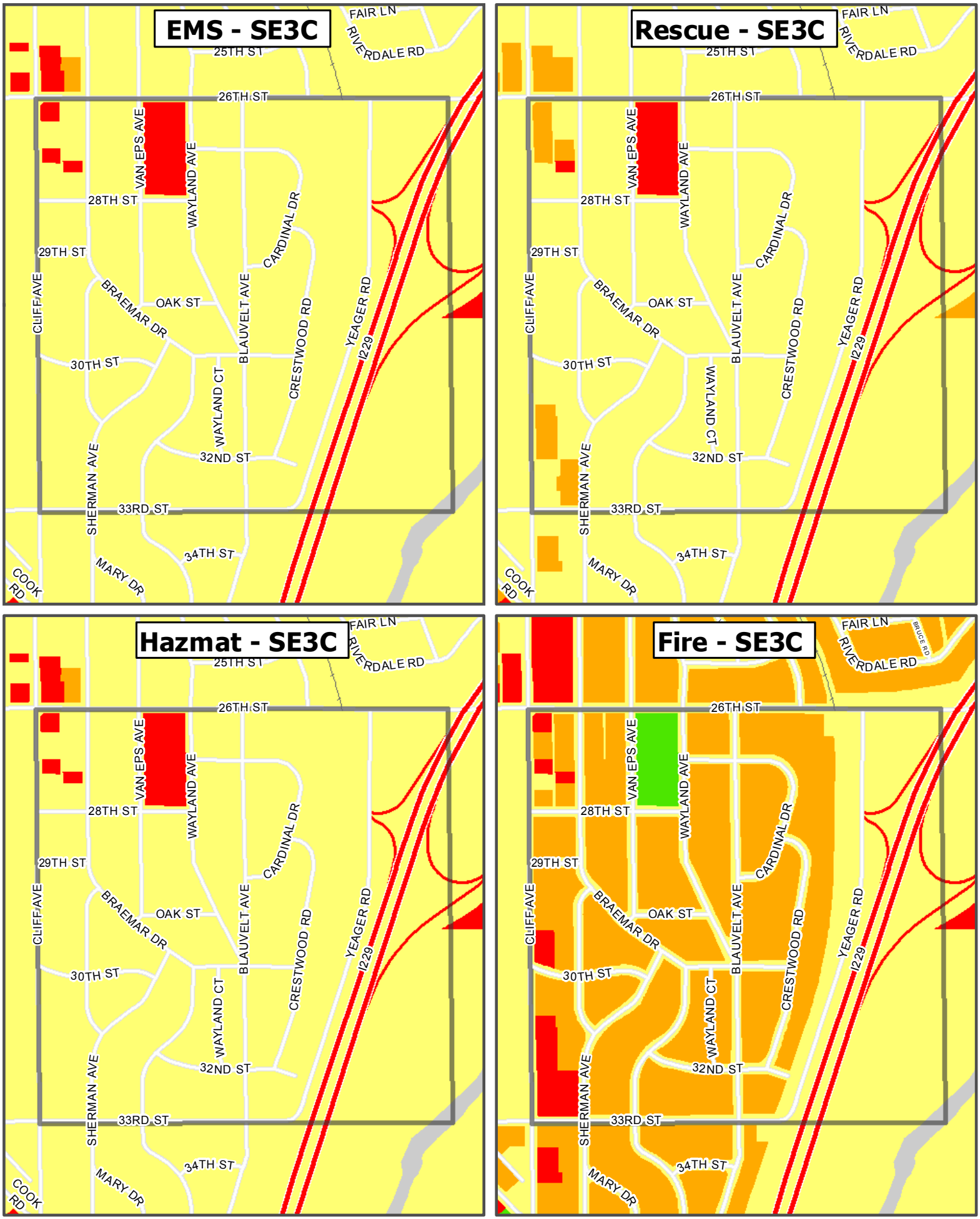
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3D_3

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 7 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 70% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |
| LINCOLN HIGH SCHOOL | Type 1 | School |

# SE3D_3

Fire

Rescue

HazMat

EMS

SUB Substation

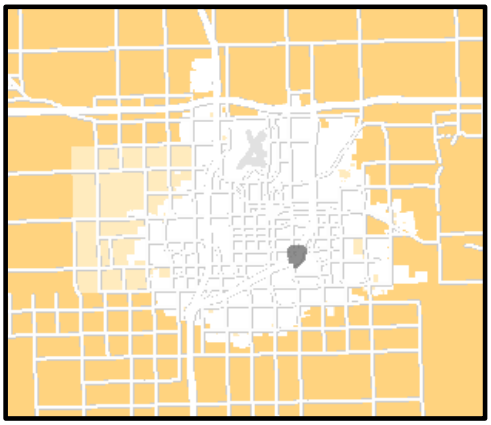
Transmission Line

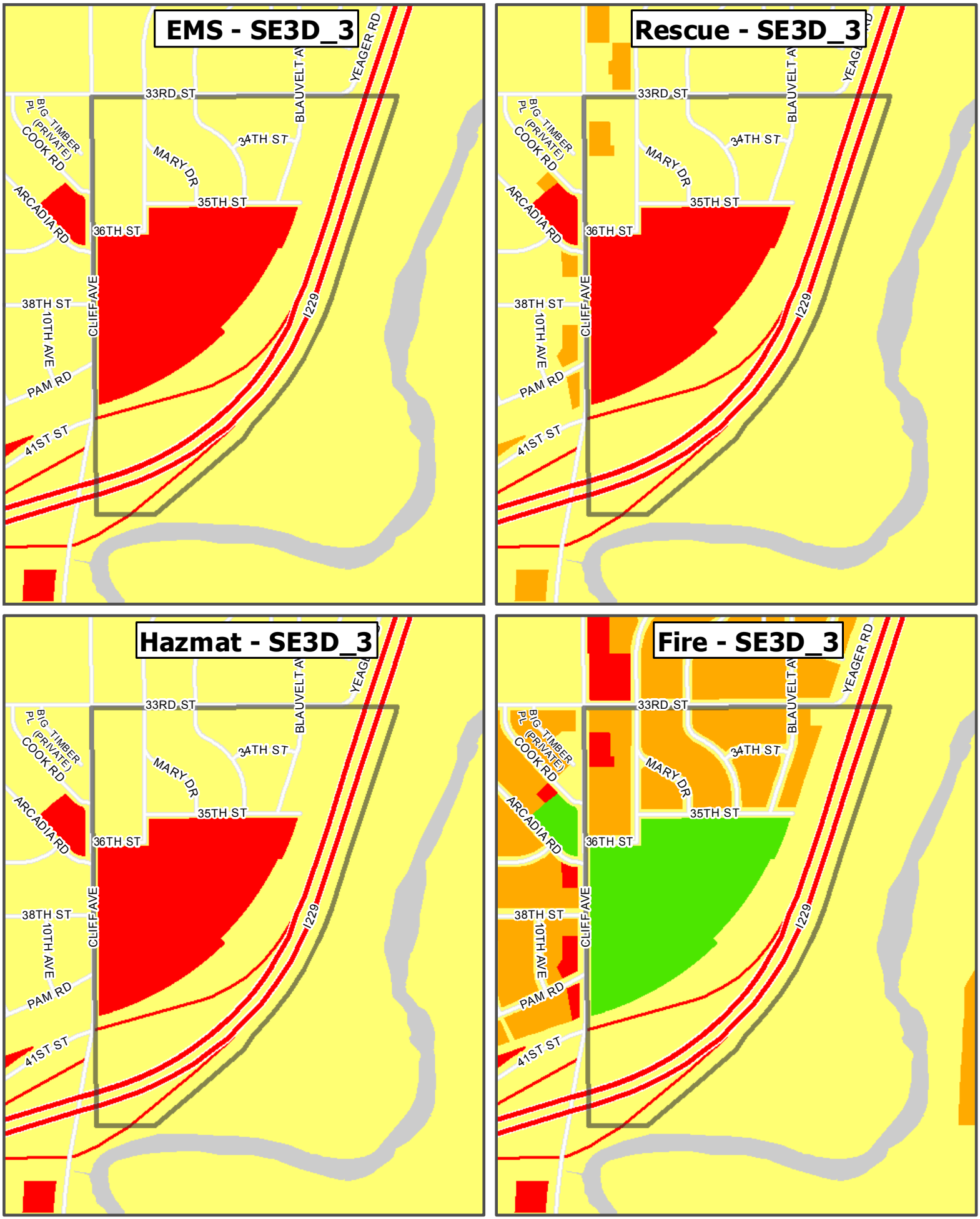
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 761 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3D_9

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 70% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |

# SE3D_9

Fire

Rescue

HazMat

EMS

SUB Substation

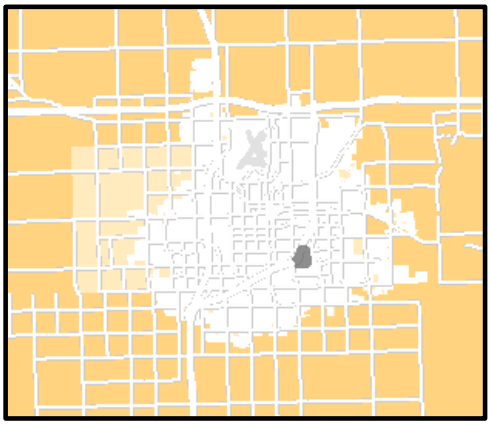
Transmission Line

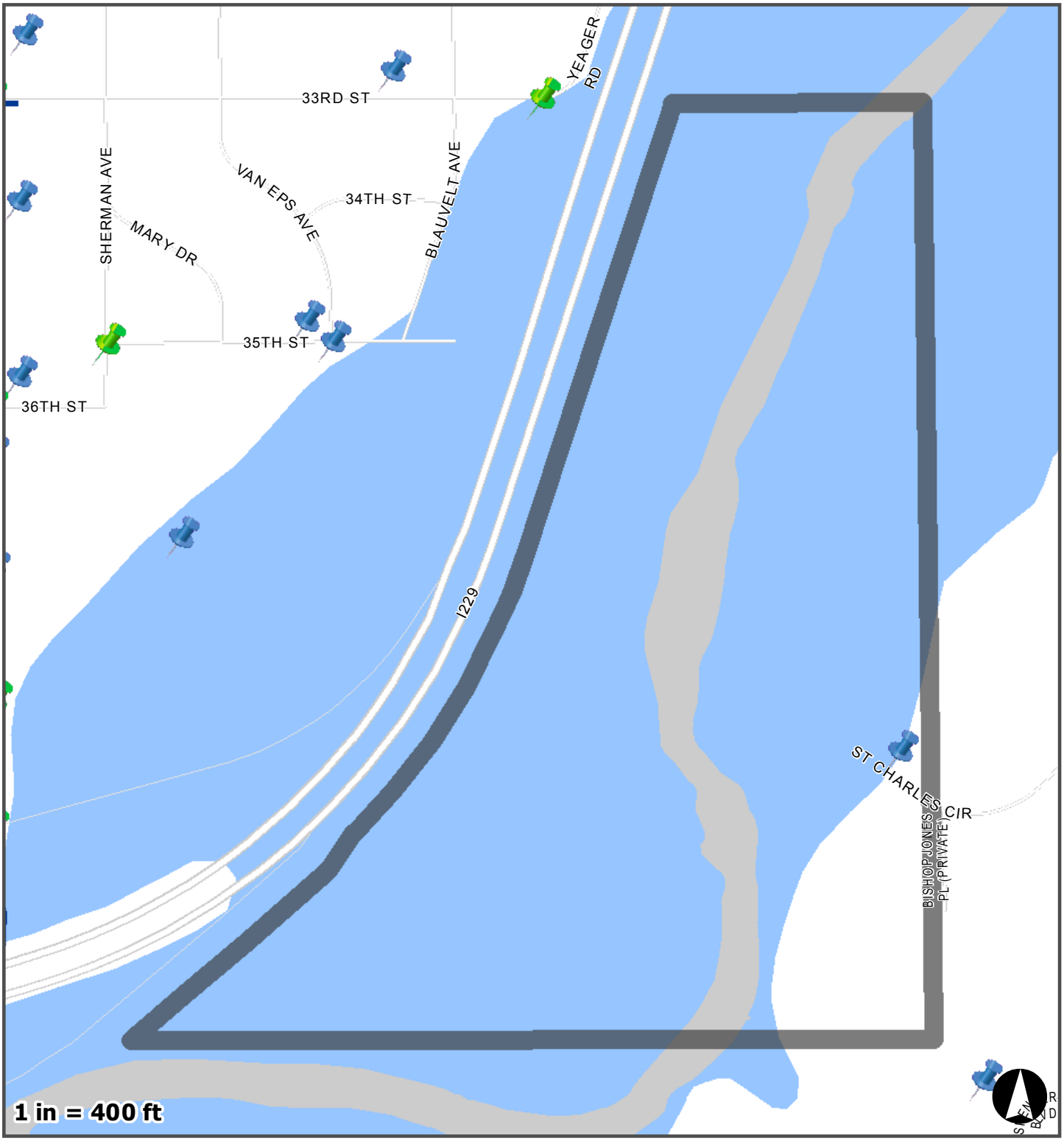
Major Gas Line

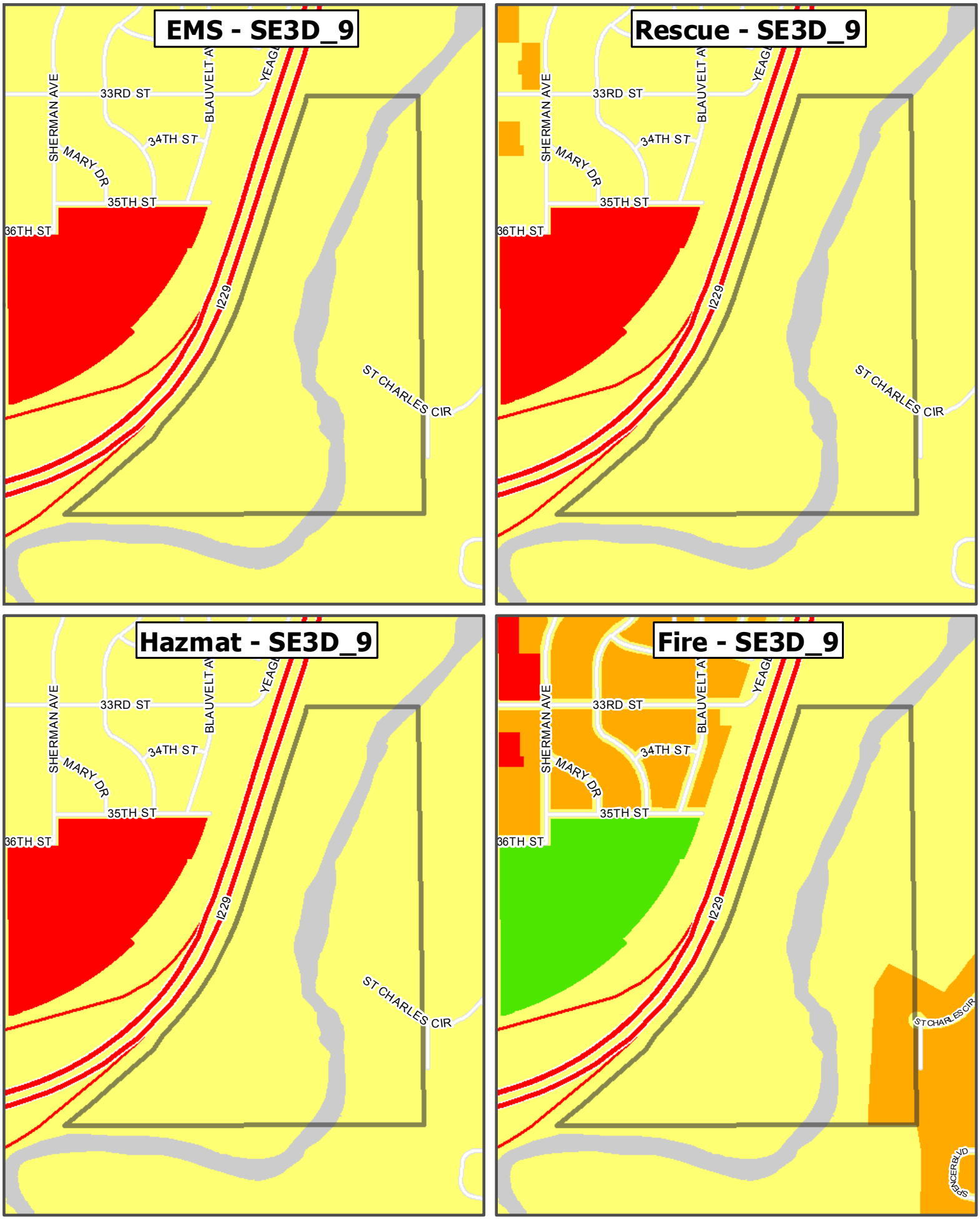
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance








Low | Moderate | High | Special

1 inch = 761 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 8 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 25% of this quadrant lies in the flood plain | | |

# SE3E

Fire

Rescue

HazMat

EMS

SUB Substation

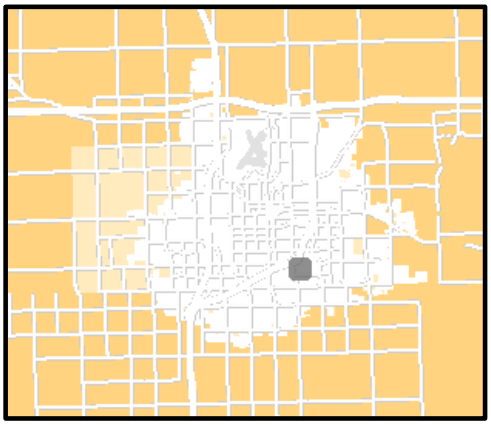
Transmission Line

Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance



Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3F

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 28 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE3F

Fire

Rescue

HazMat

EMS

SUB Substation

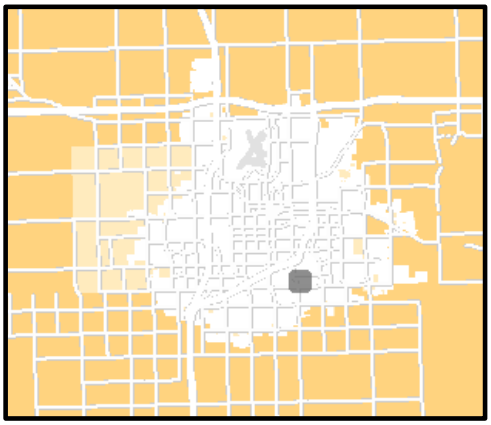
Transmission Line

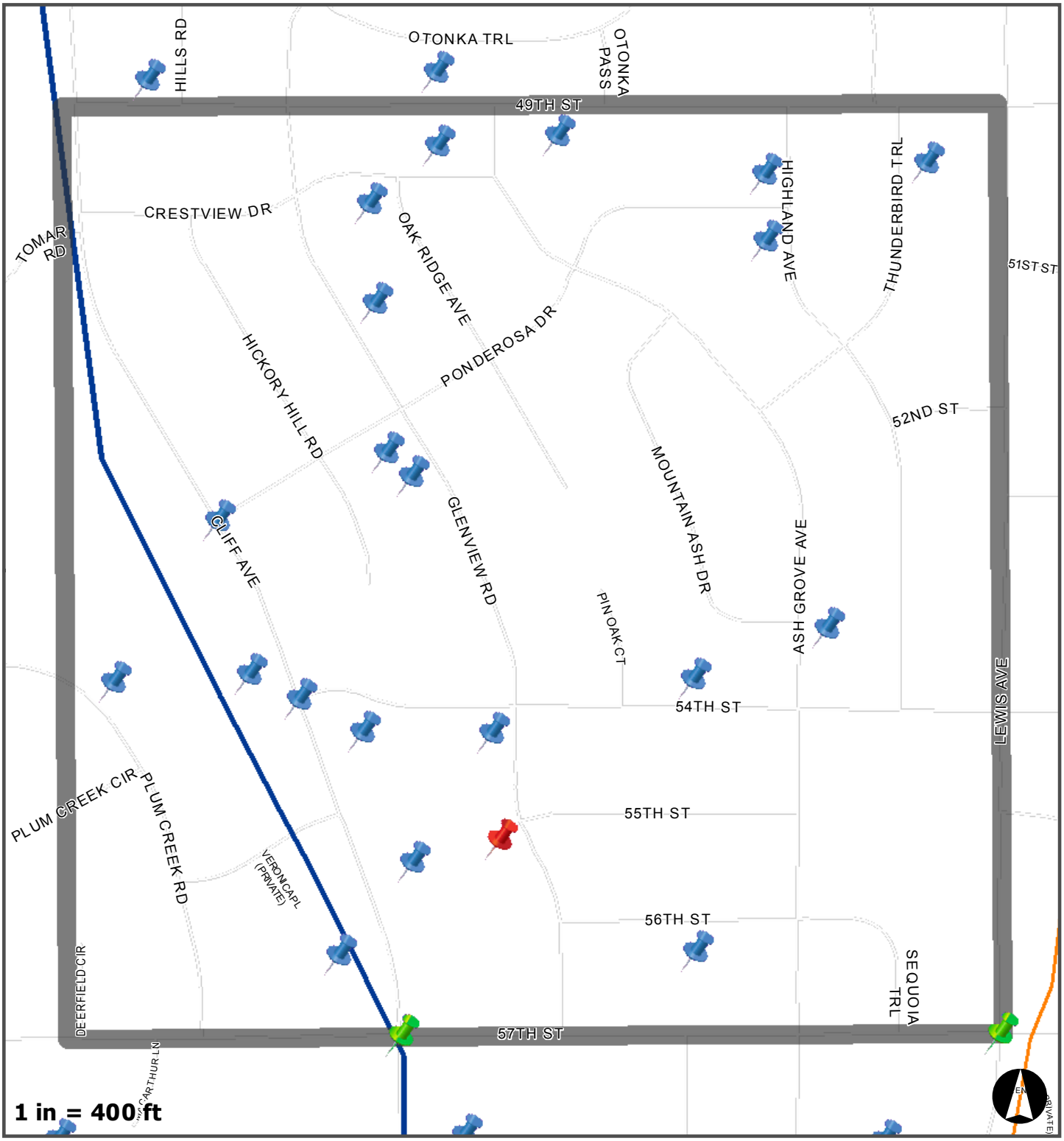
Major Gas Line

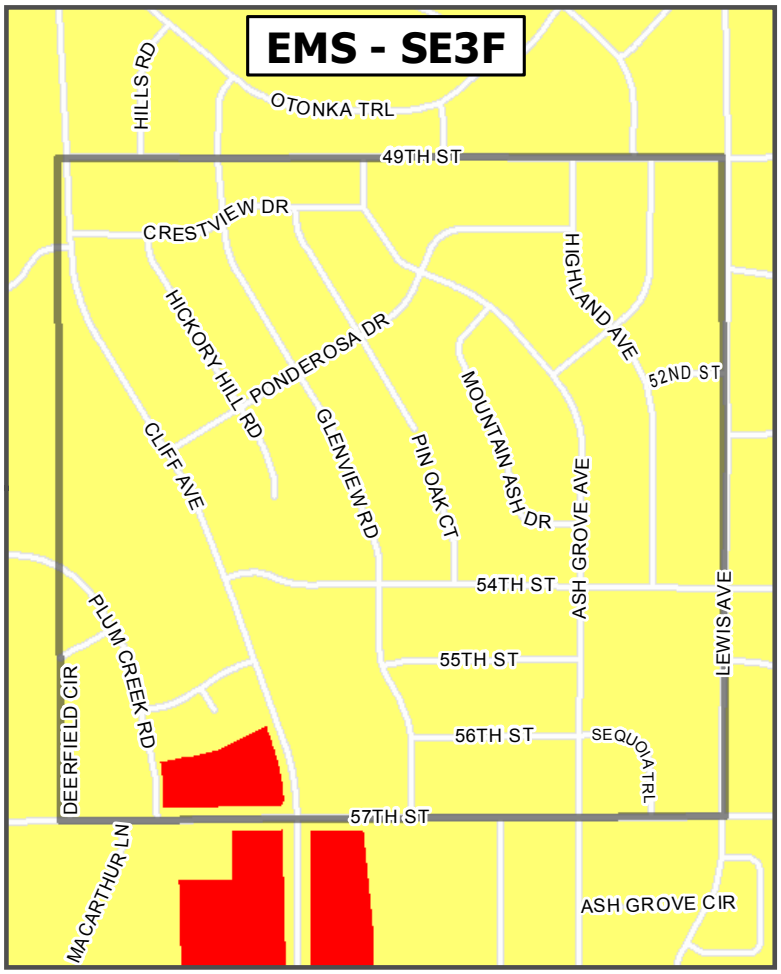
Floodplain

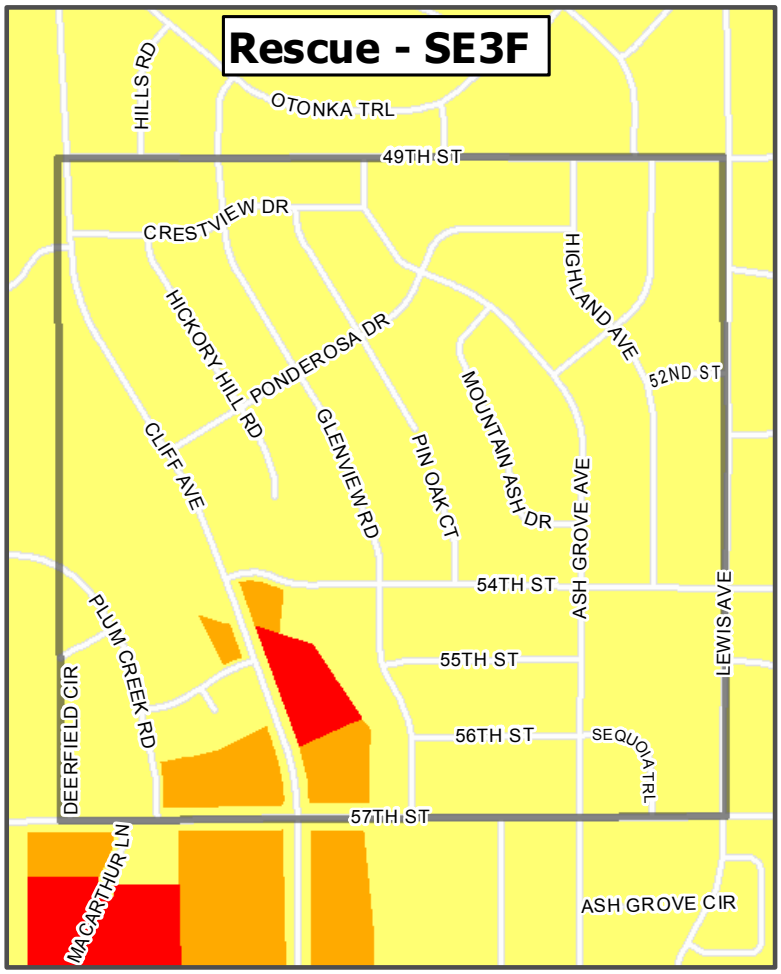
0.2 percent Annual Chance

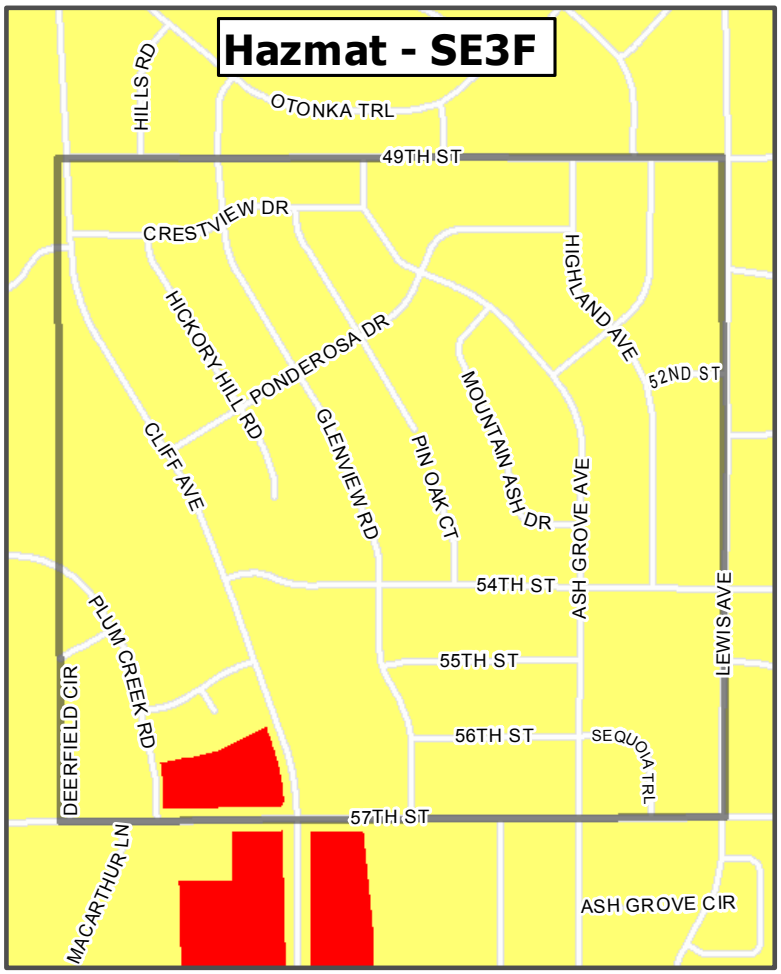
1 percent Annual Chance

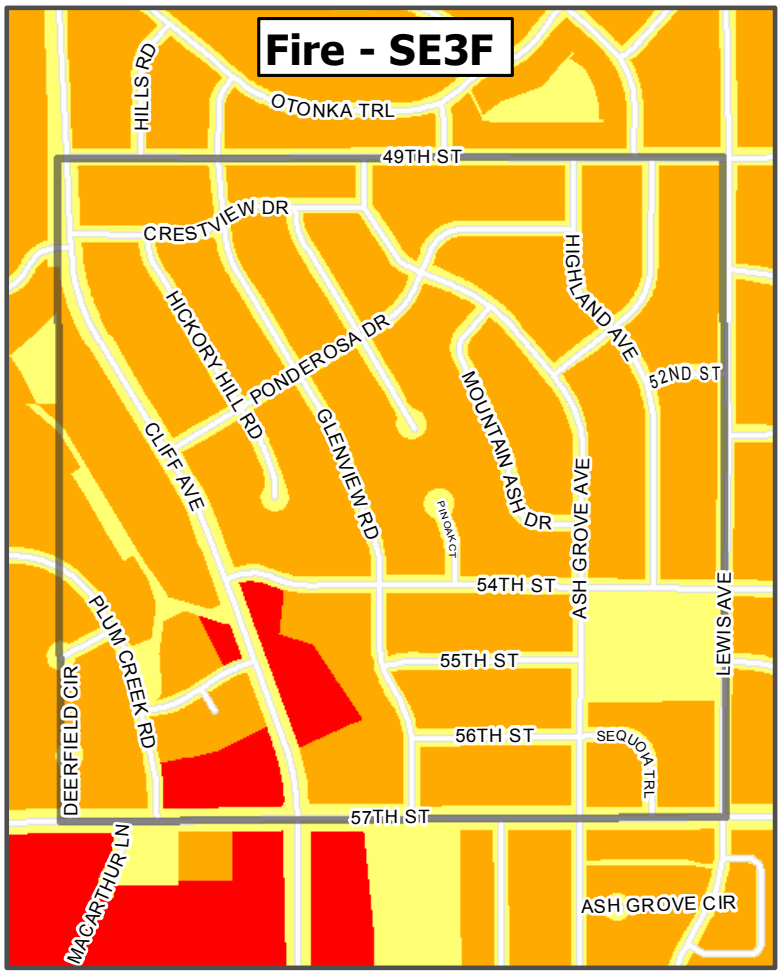







Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3G

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 9 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE3G

Fire

Rescue

HazMat

EMS

SUB Substation

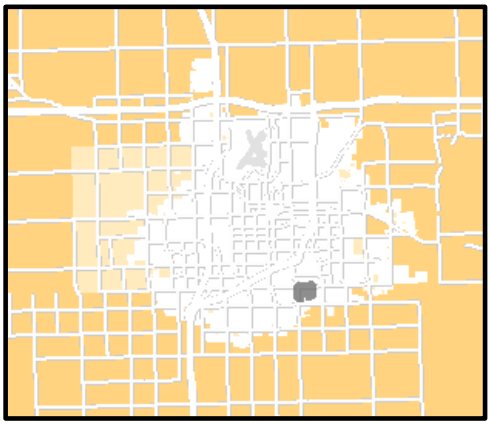
Transmission Line

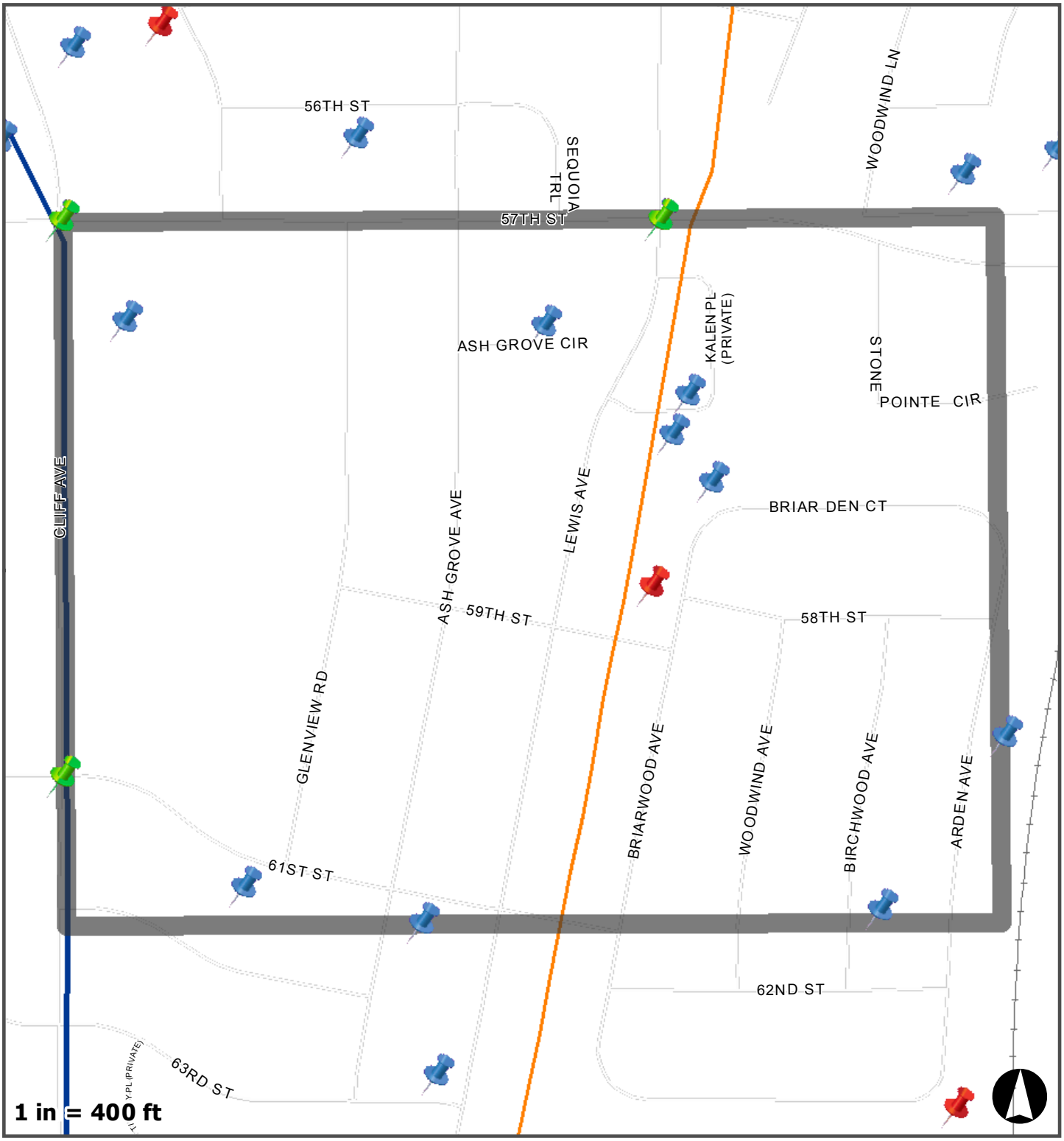
Major Gas Line

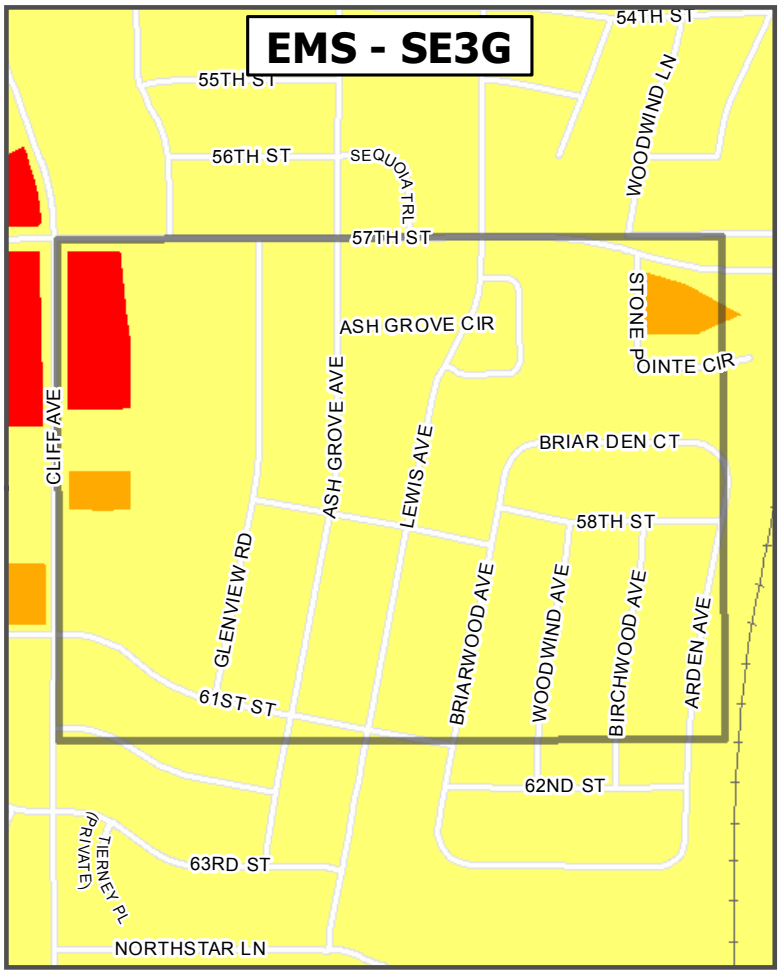
Floodplain

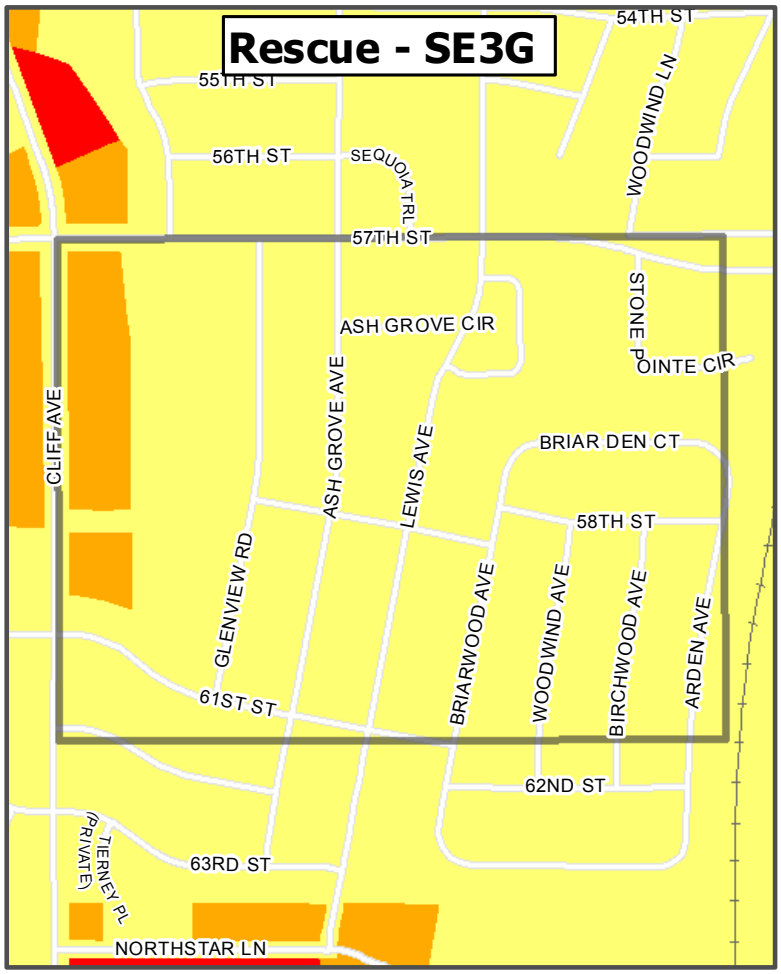
0.2 percent Annual Chance

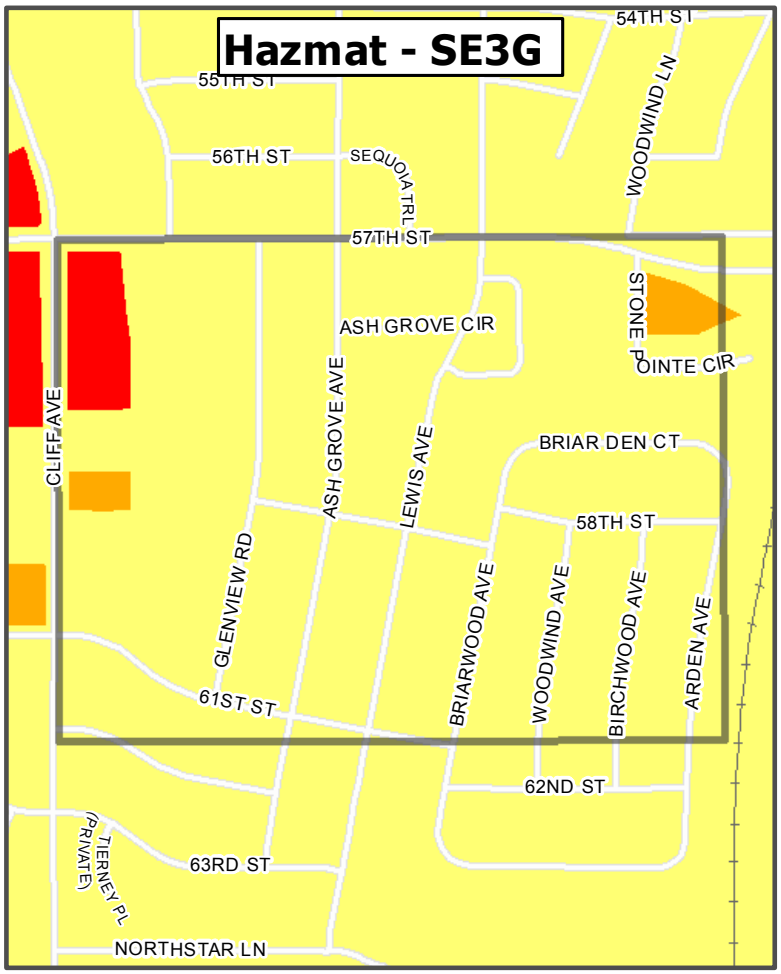
1 percent Annual Chance

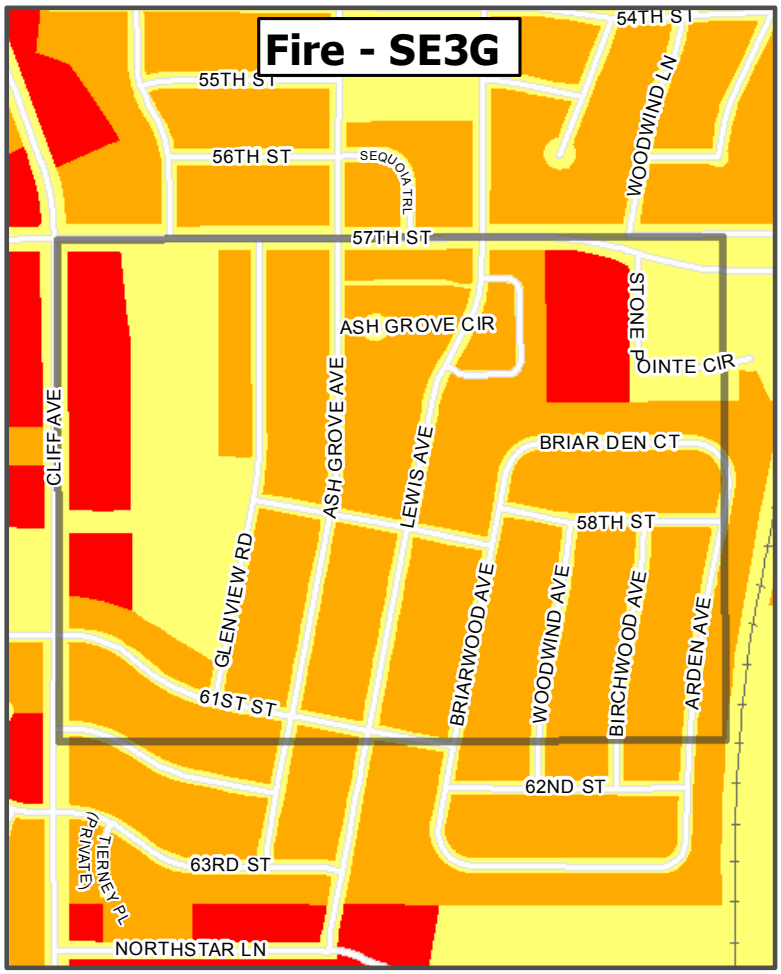







Low | Moderate | High | Special

1 inch = 762 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 7 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE3H

Fire

Rescue

HazMat

EMS

SUB Substation

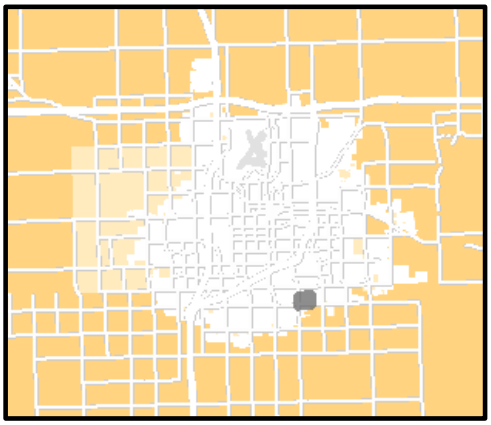
Transmission Line

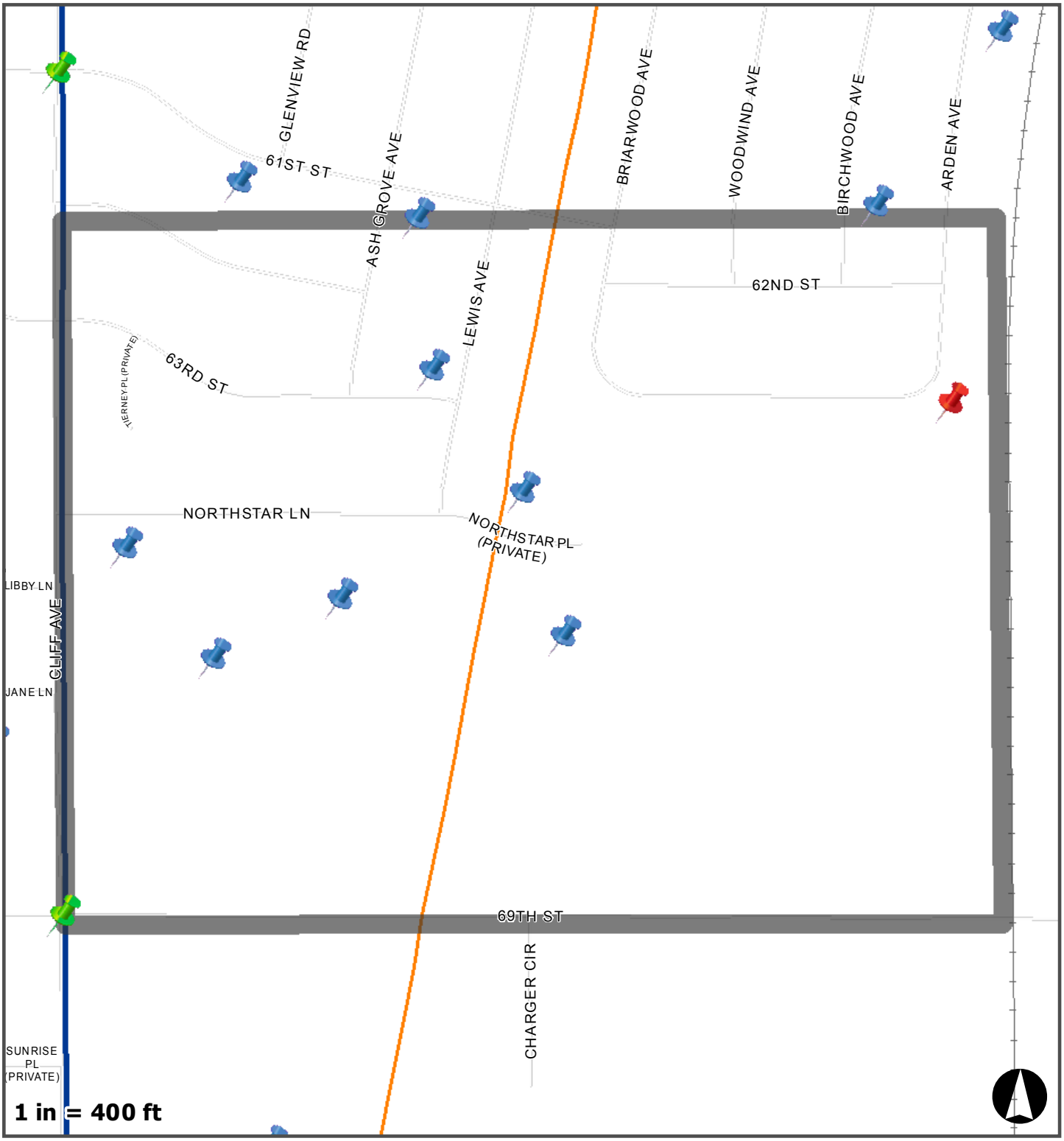
Major Gas Line

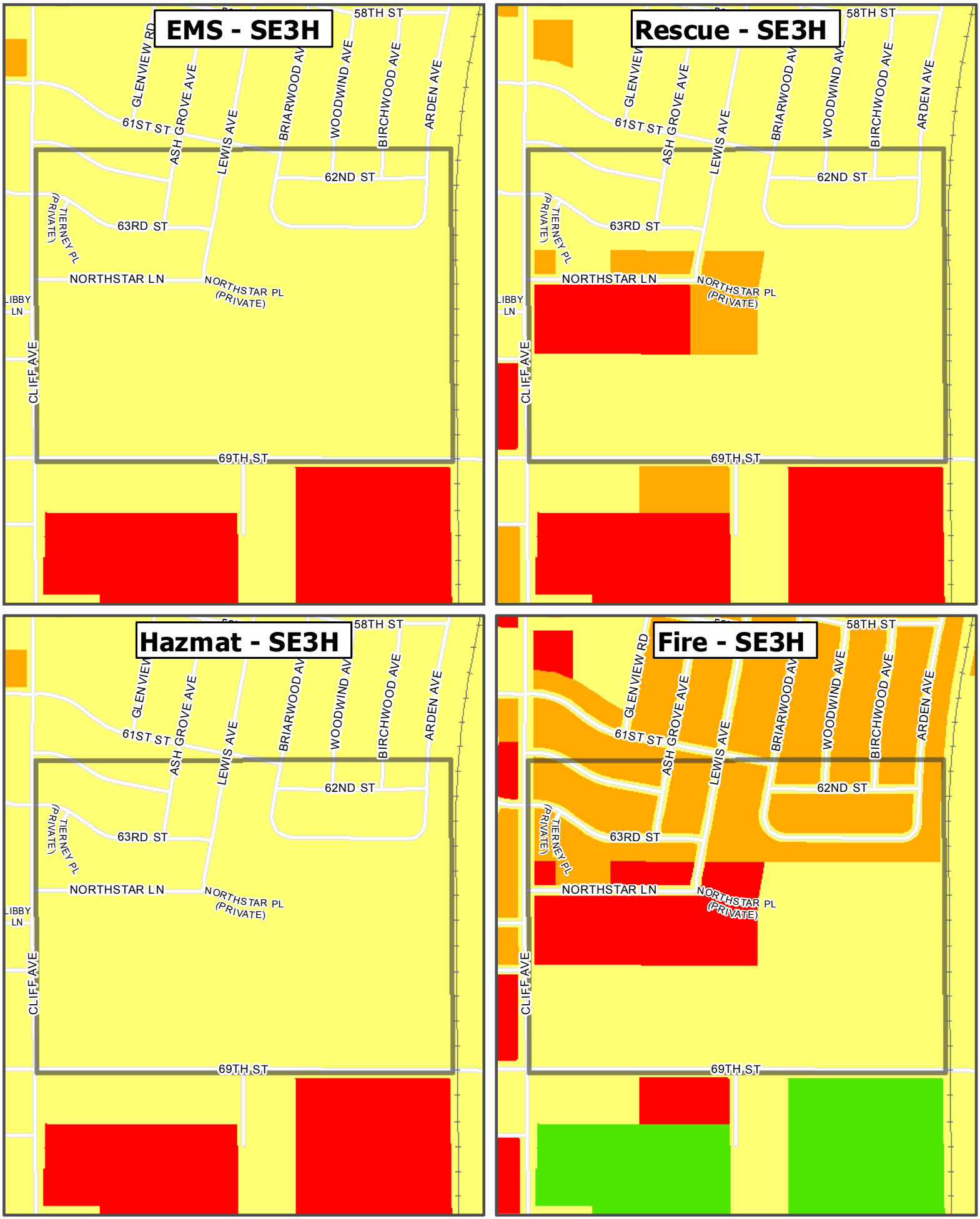
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance








Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 3I

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |
| SF CHRISTIAN SCHOOL | Type 1 | School |

# SE3I

Fire

Rescue

HazMat

EMS

SUB Substation

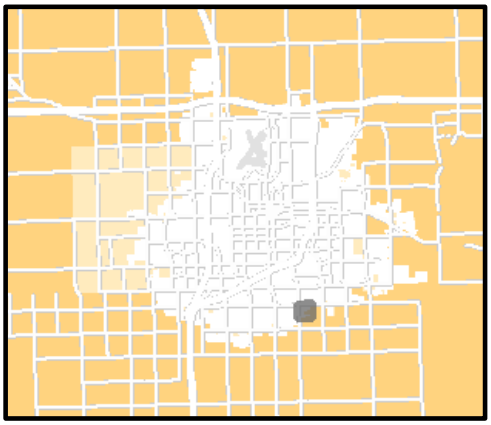
Transmission Line

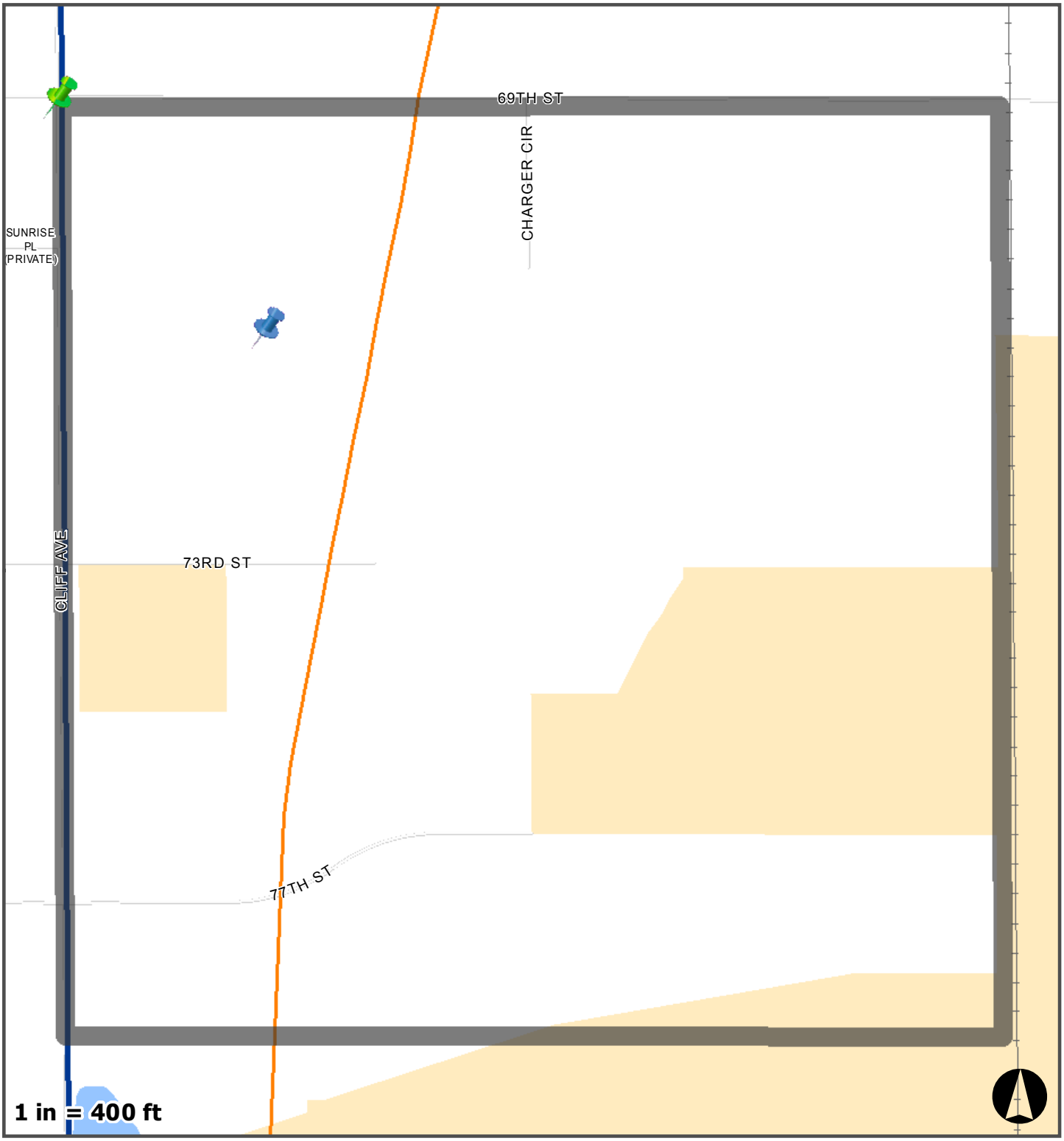
Major Gas Line

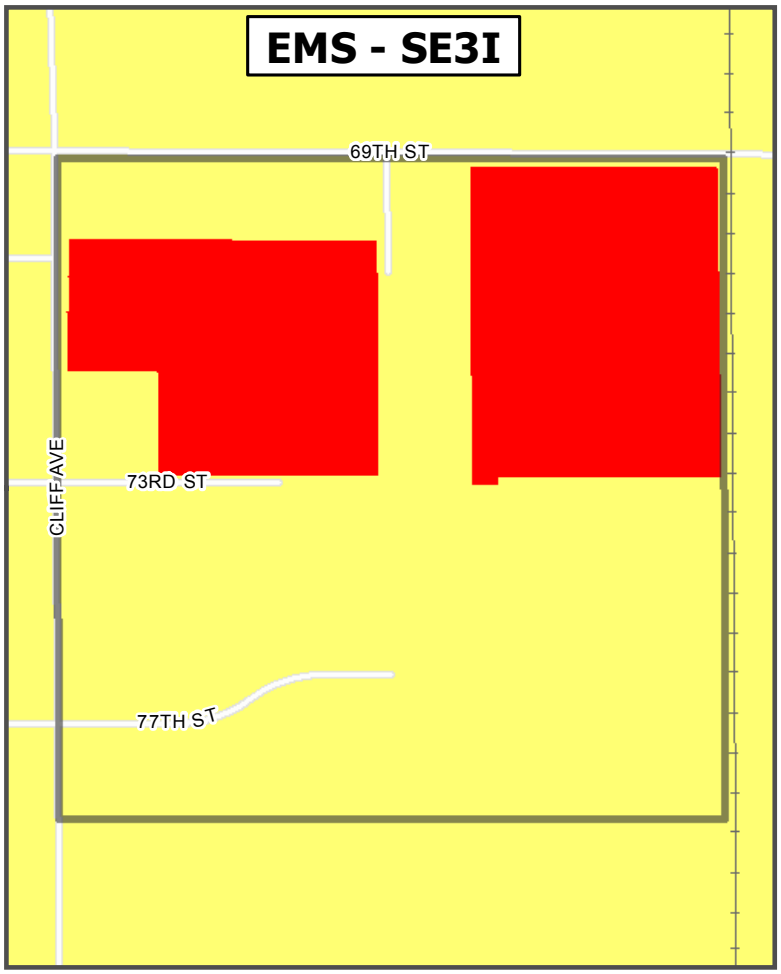
Floodplain

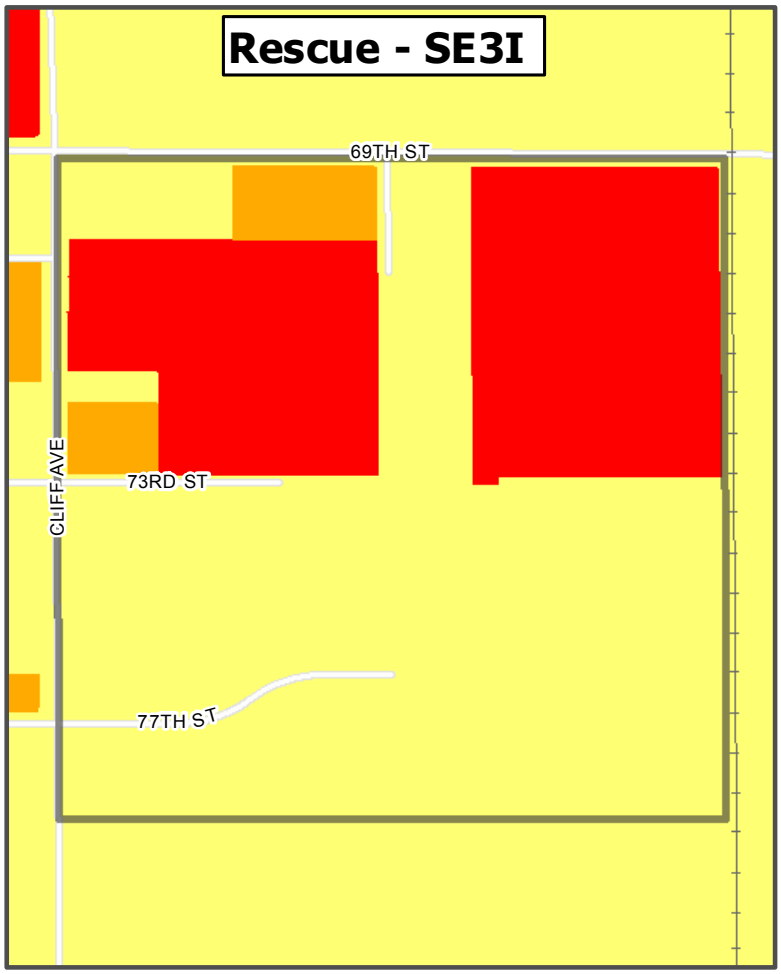
0.2 percent Annual Chance

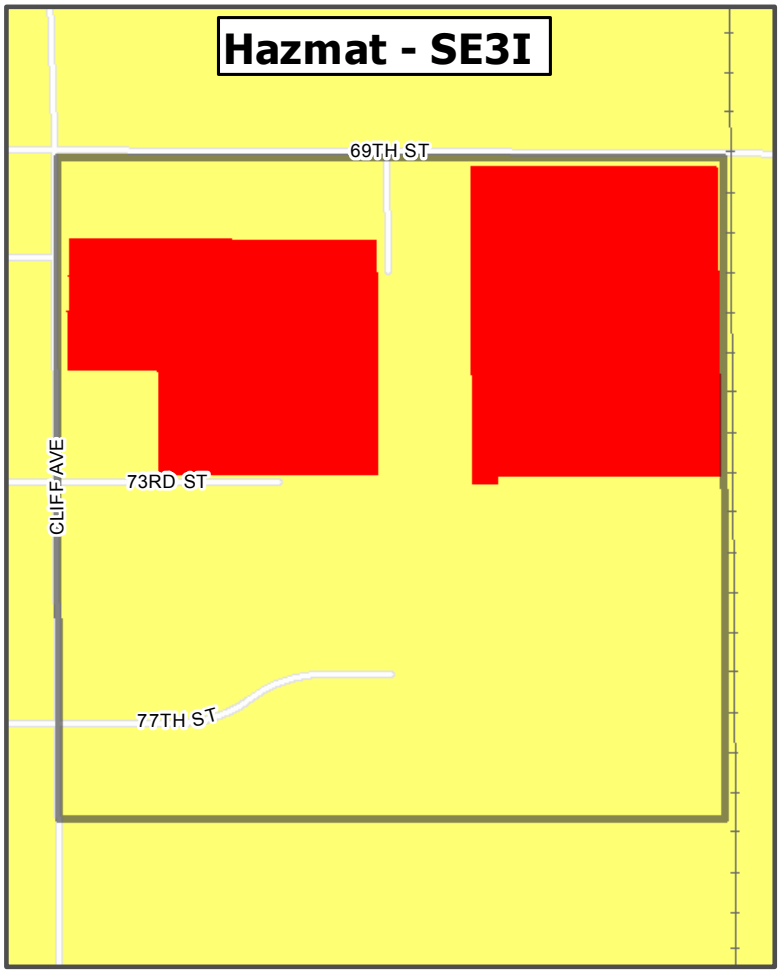
1 percent Annual Chance

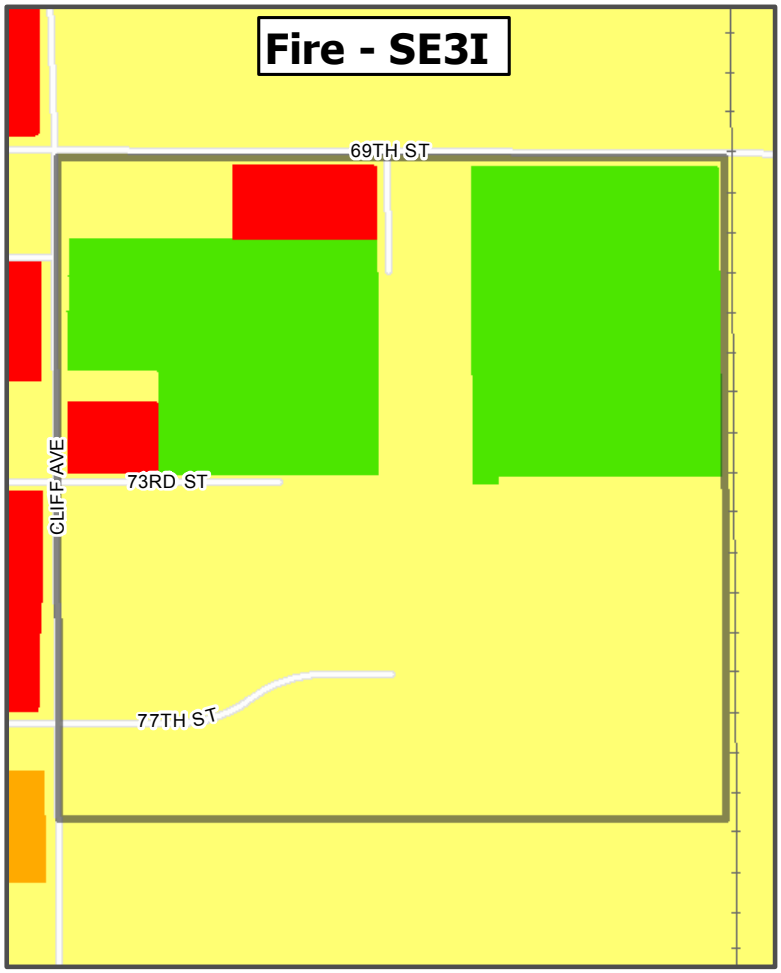







Low | Moderate | High | Special

1 inch = 764 feet

# SE3J

Fire

Rescue

HazMat

EMS

SUB Substation

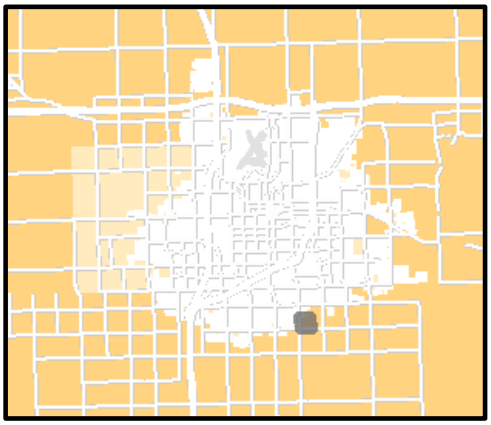
Transmission Line

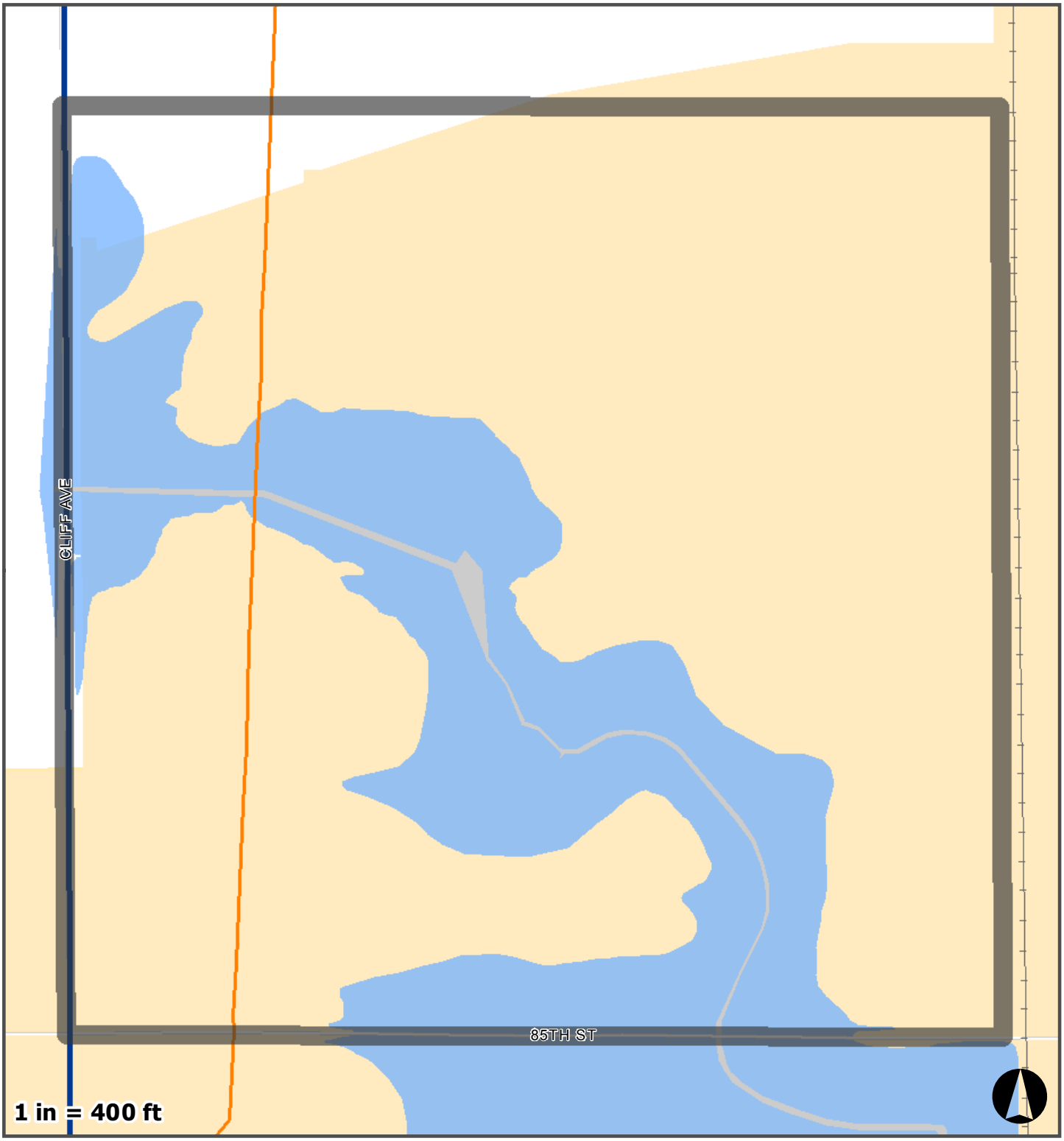
Major Gas Line

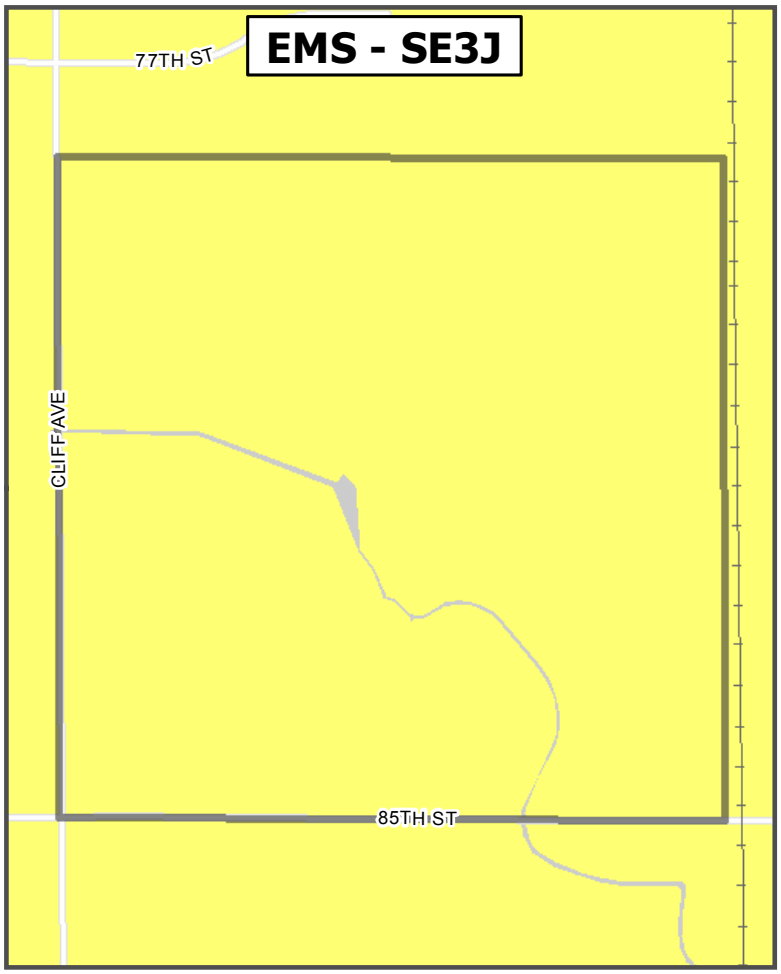
Floodplain

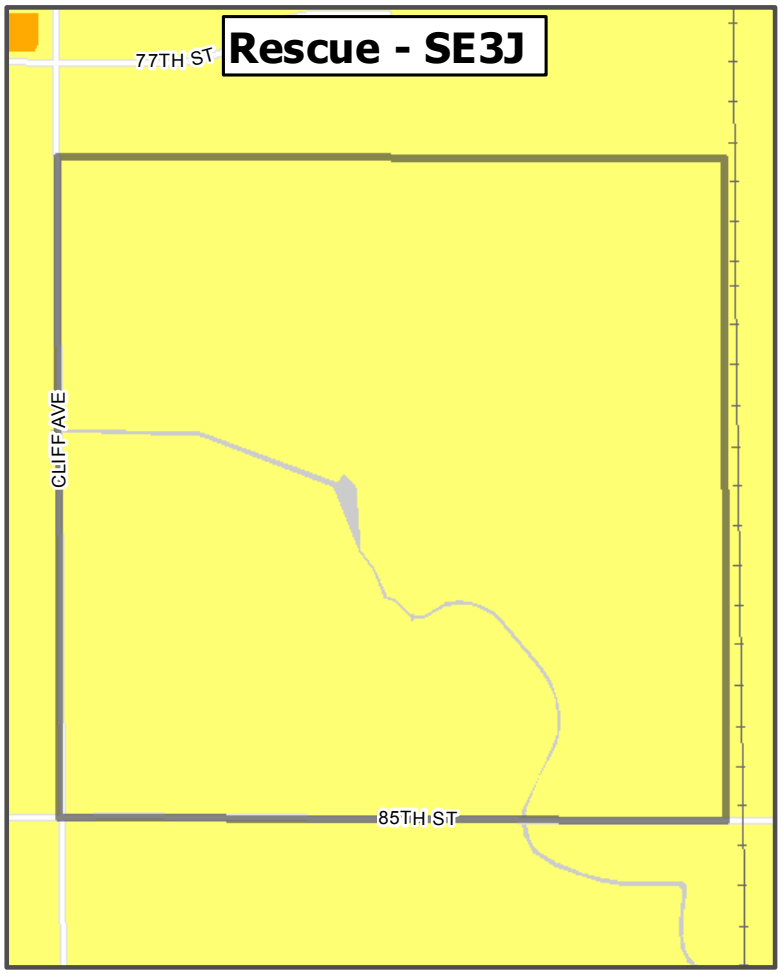
0.2 percent Annual Chance

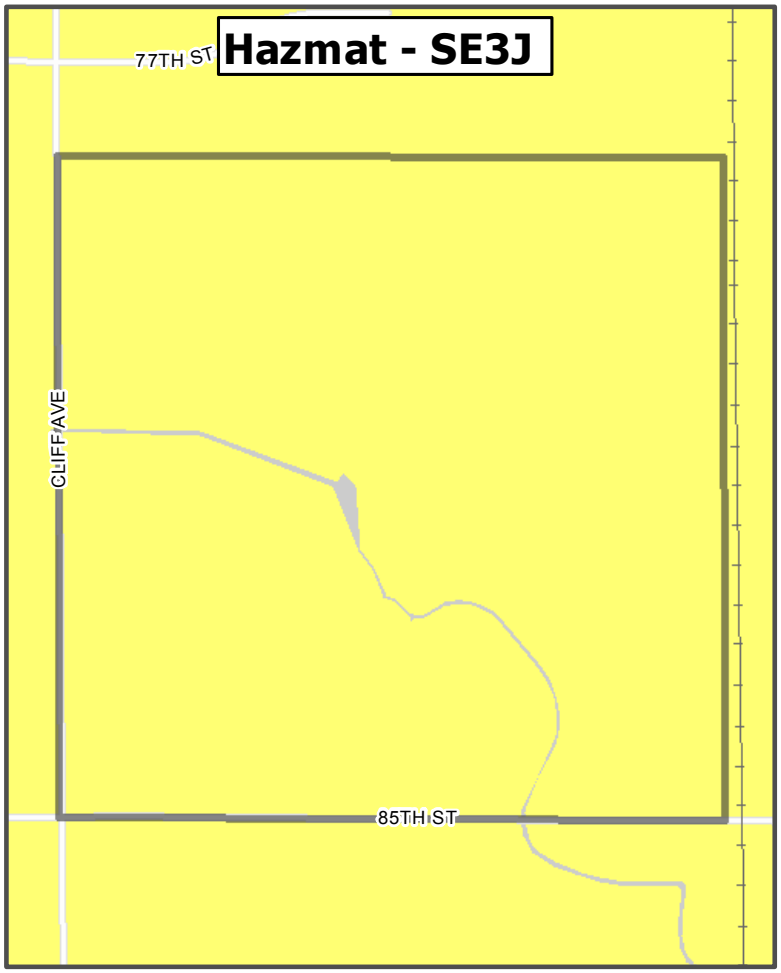
1 percent Annual Chance

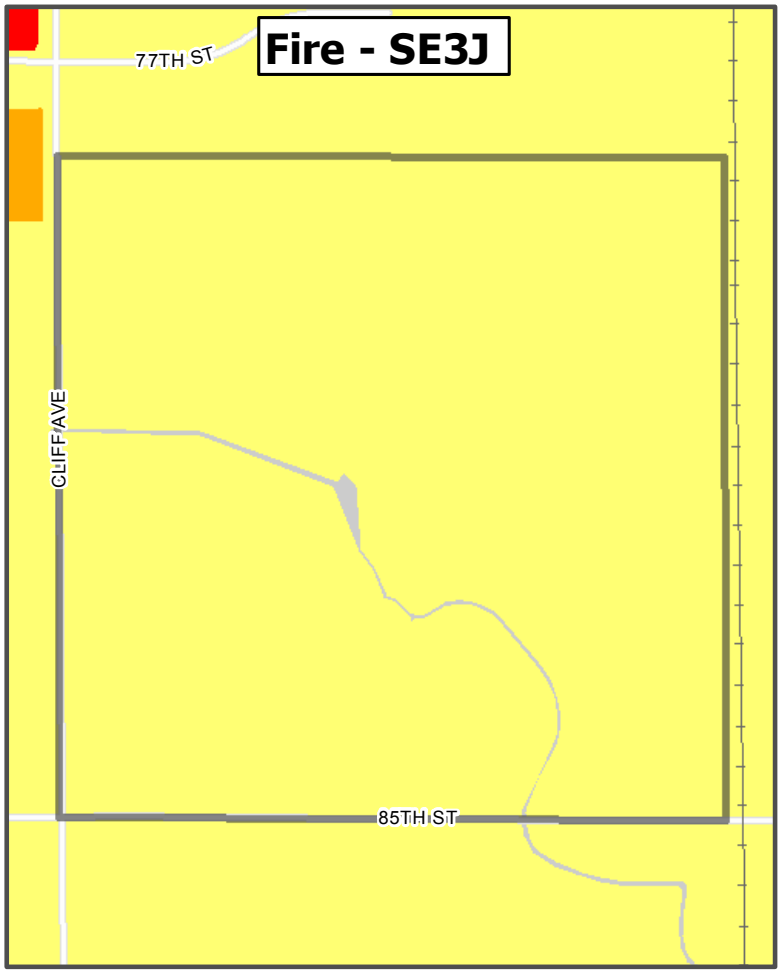







Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 60 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 7 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Moderate | Moderate | Moderate | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | High | High | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 5% of this quadrant lies in the flood plain | | |
| Rail Line intersects this quadrant | | |
| Interstate Highway intersects this quadrant | | |

# SE4A

Fire

Rescue

HazMat

EMS

SUB Substation

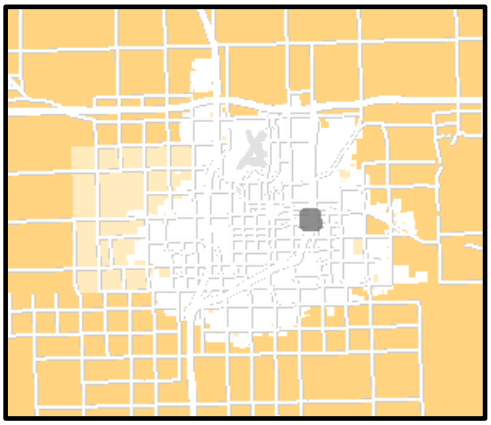
Transmission Line

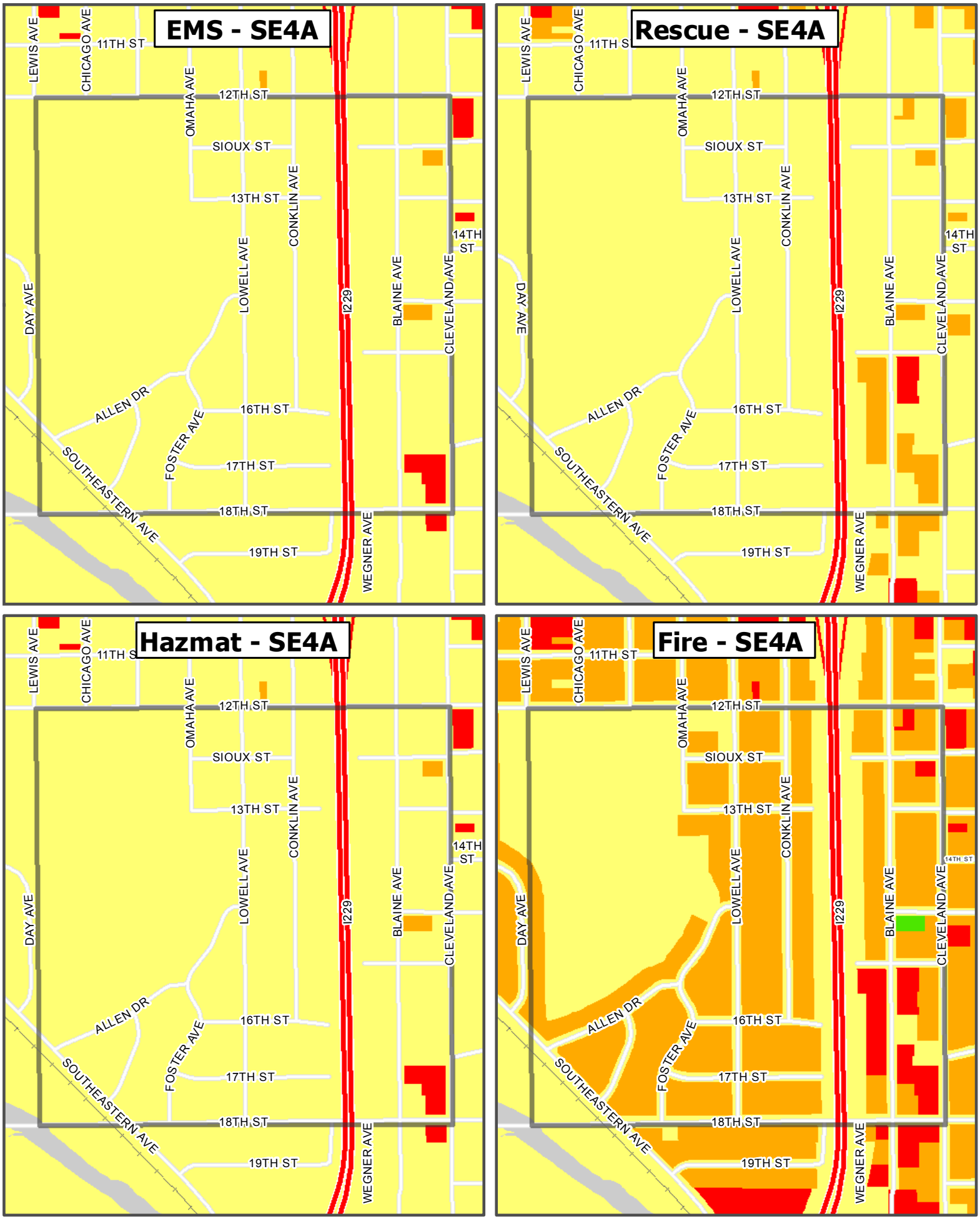
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 5 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 39 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 1 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 50% of this quadrant lies in the flood plain | | |
| Pipeline intersects this quadrant | | |
| Interstate highway intersects this quadrant | | |
| Rail line intersects this quadrant | | |

# SE4B

Fire

Rescue

HazMat

EMS

SUB Substation

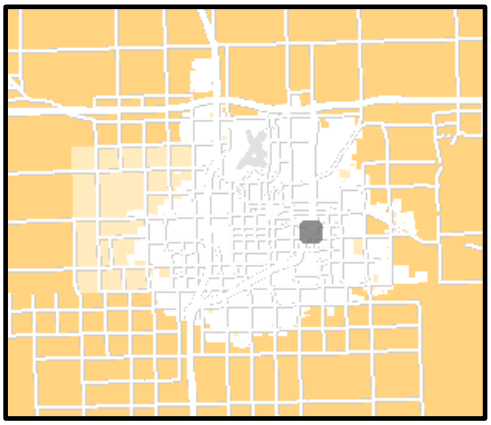
Transmission Line

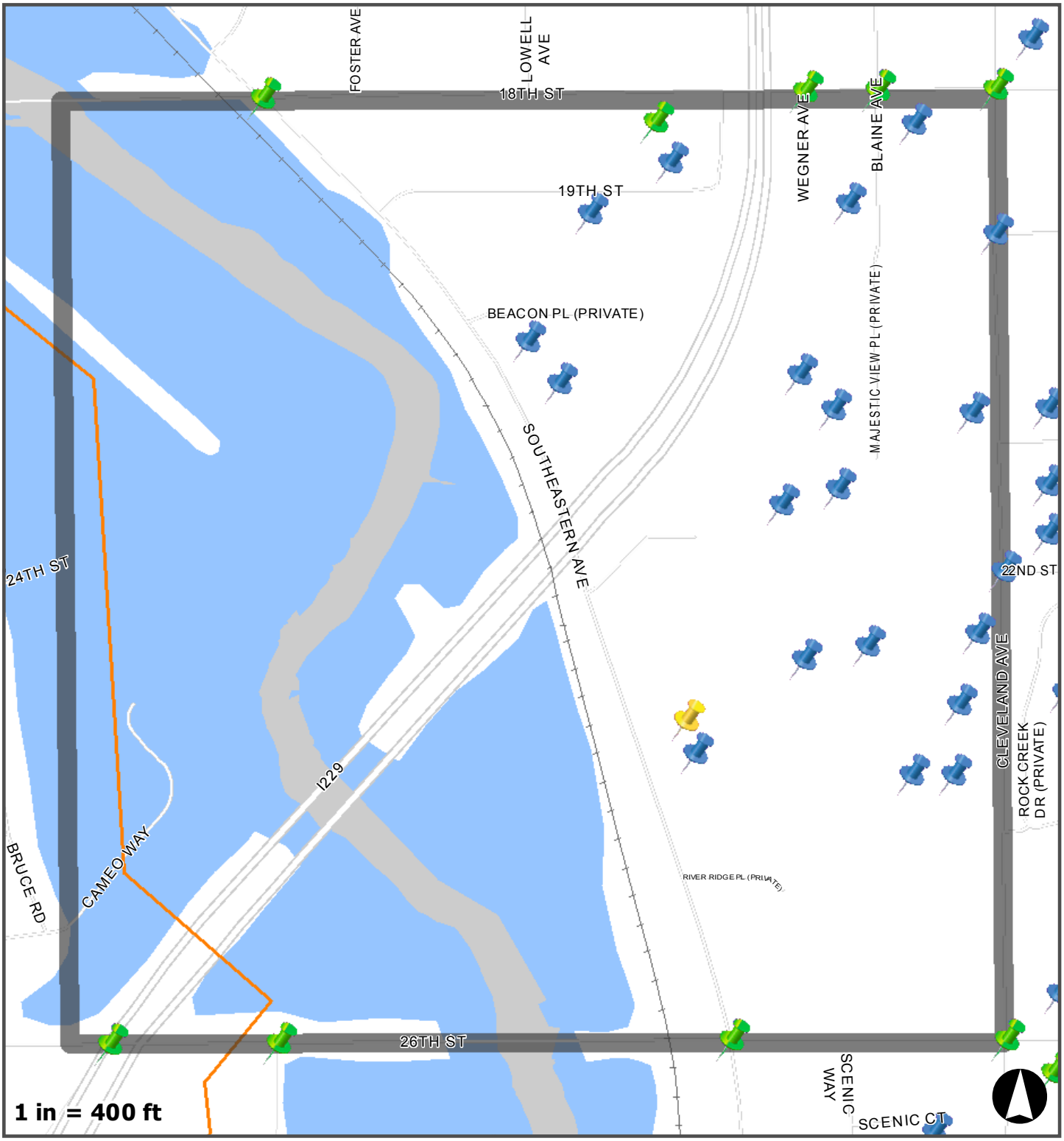
Major Gas Line

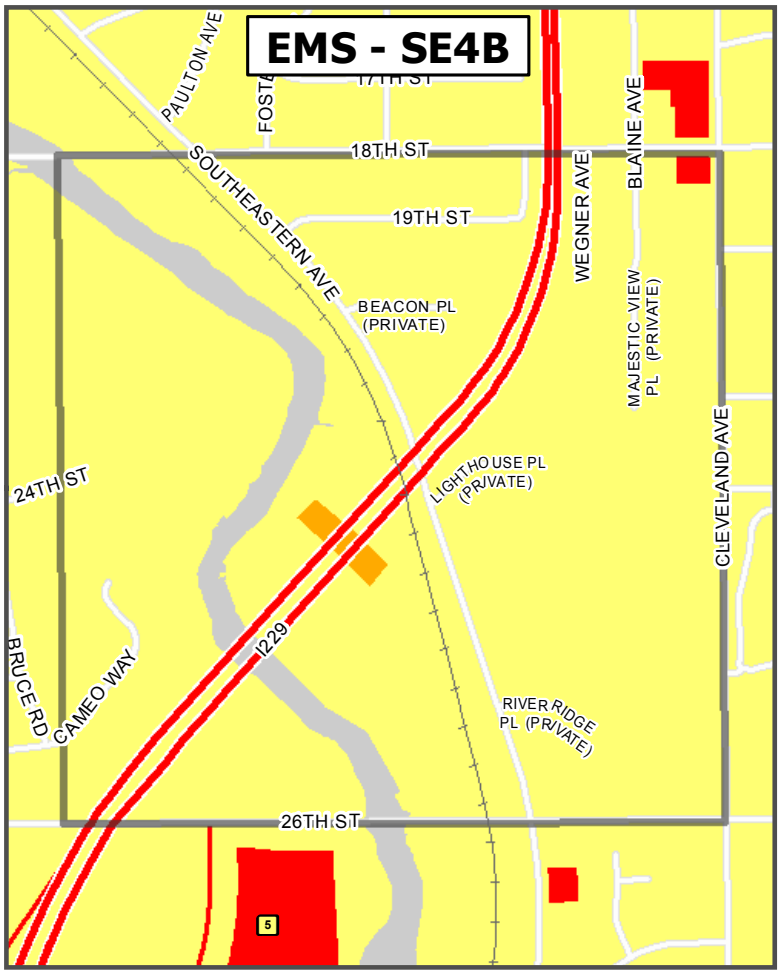
Floodplain

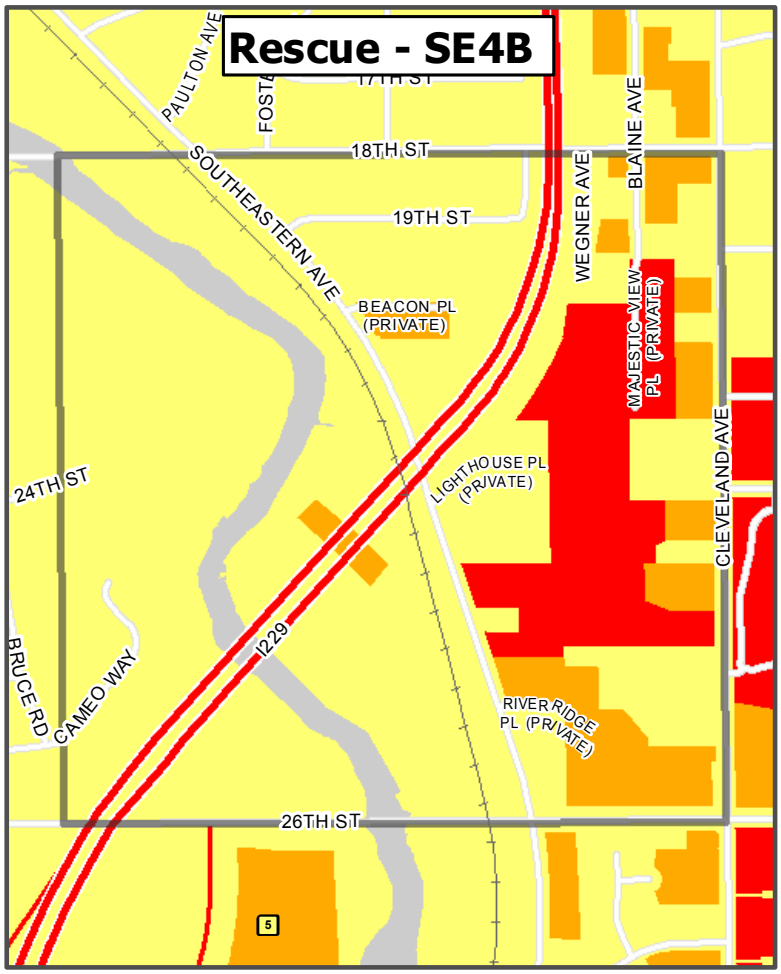
0.2 percent Annual Chance

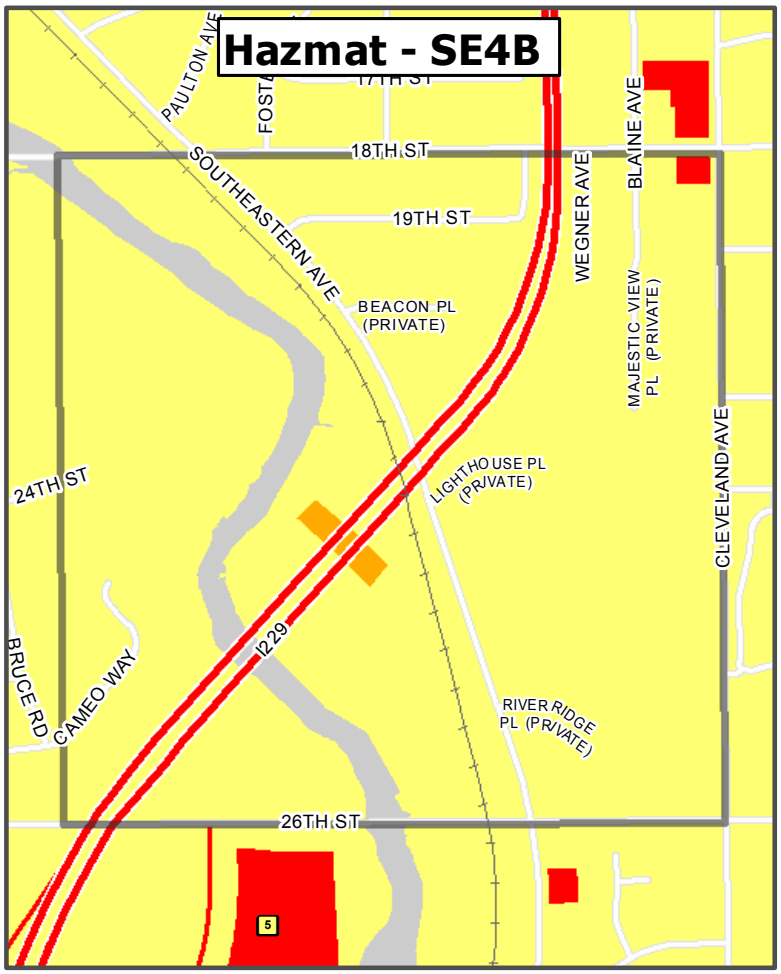
1 percent Annual Chance

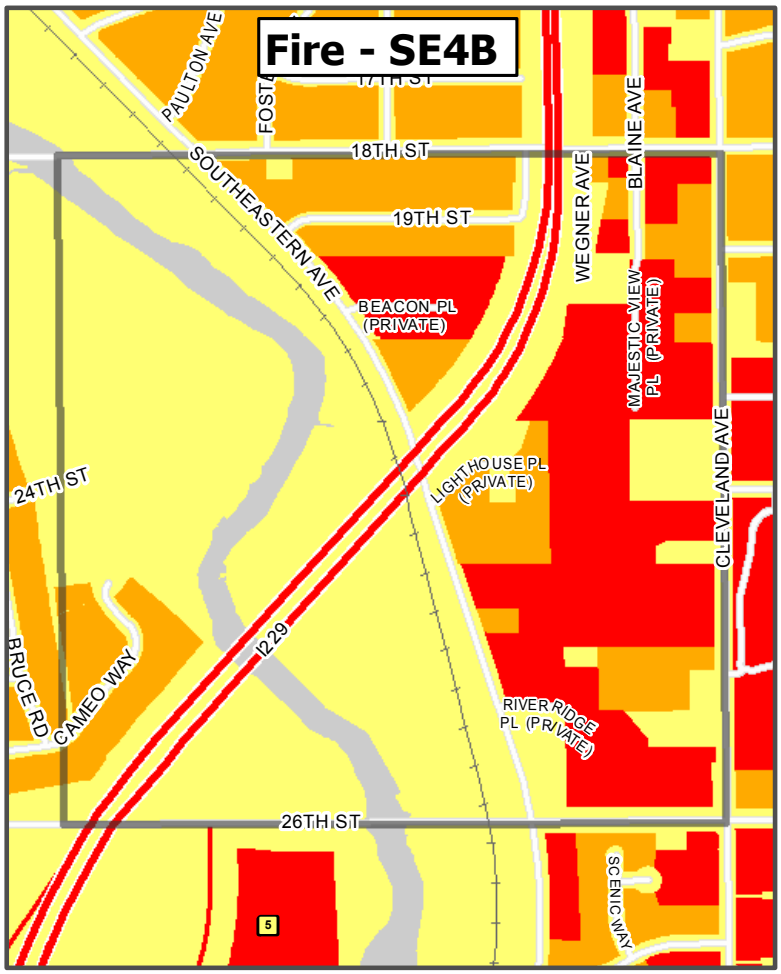







Low | Moderate | High | Special

1 inch = 767 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4C

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 4 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 16 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | High | High | Moderate | High |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 40% of this quadrant lies in the flood plain | | |
| Interstate highway intersects this quadrant | | |
| Pipeline intersects this quadrant | | |
| Rail line intersects this quadrant | | |

# SE4C

Fire

Rescue

HazMat

EMS

SUB Substation

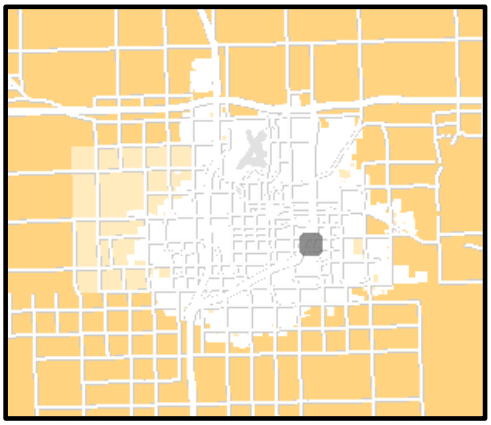
Transmission Line

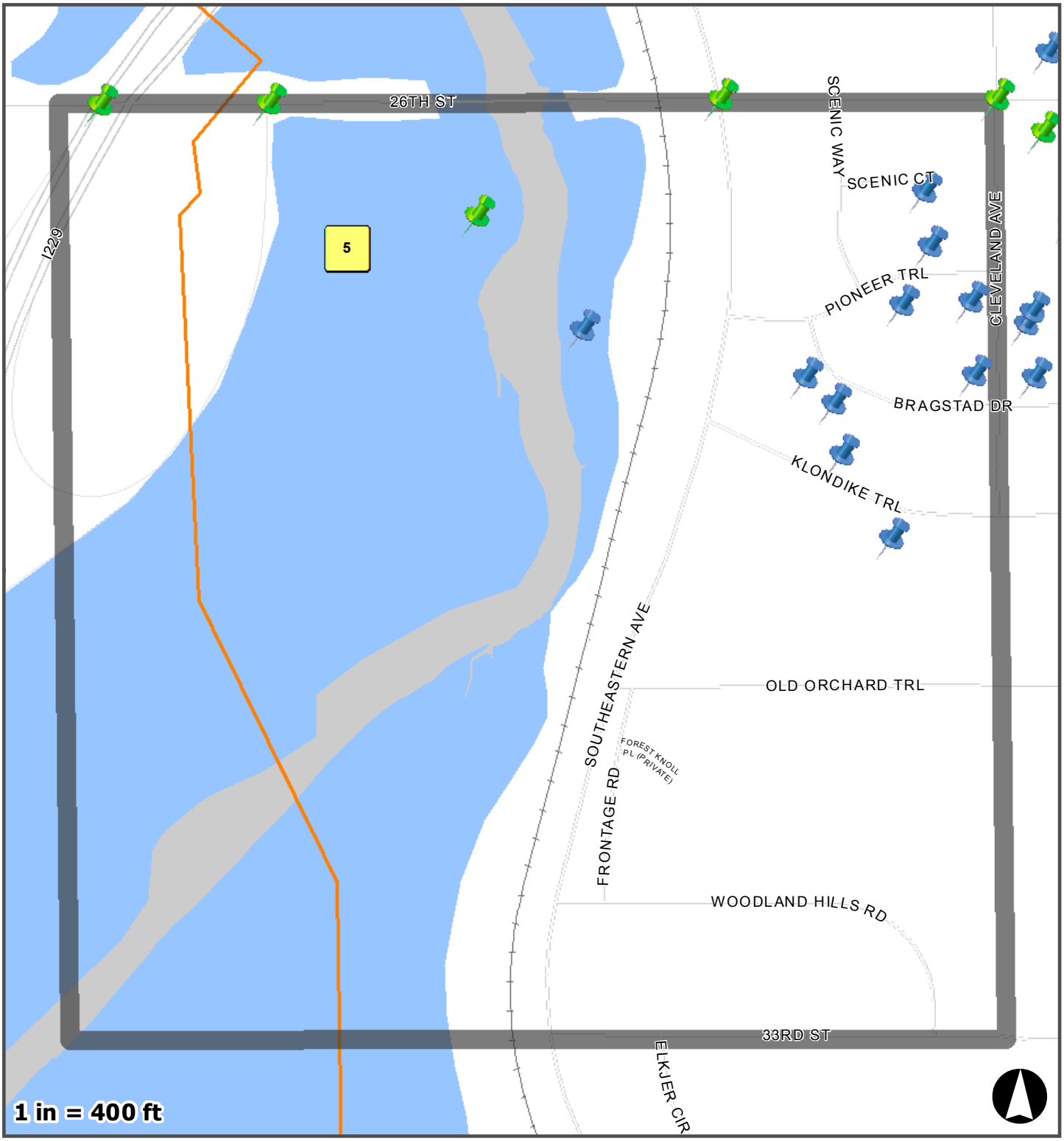
Major Gas Line

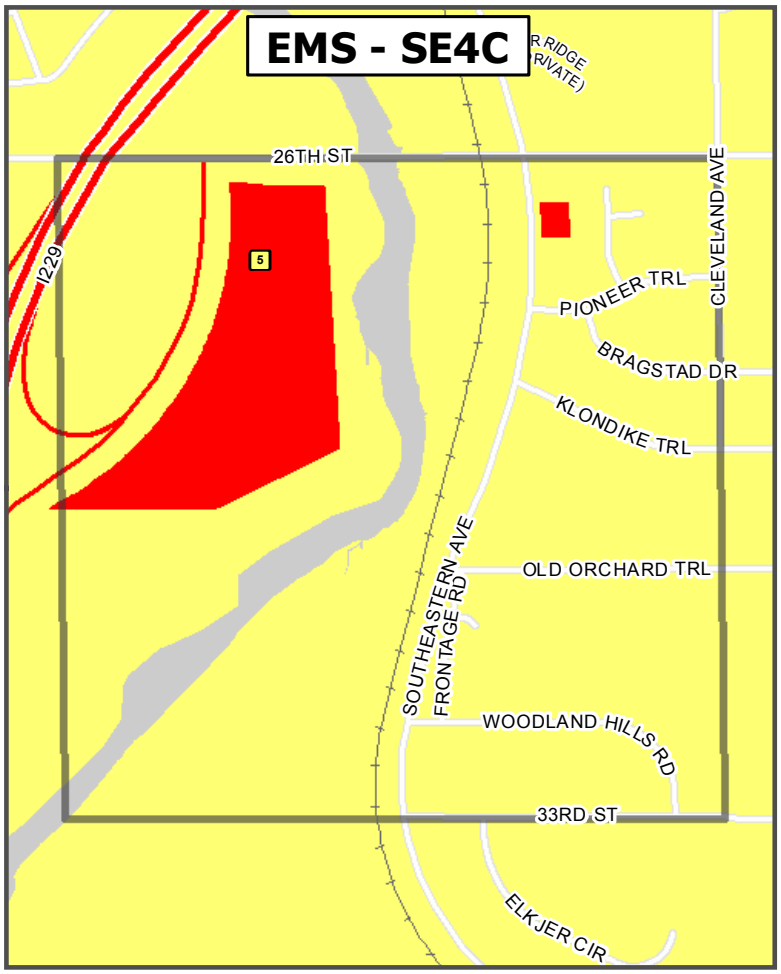
Floodplain

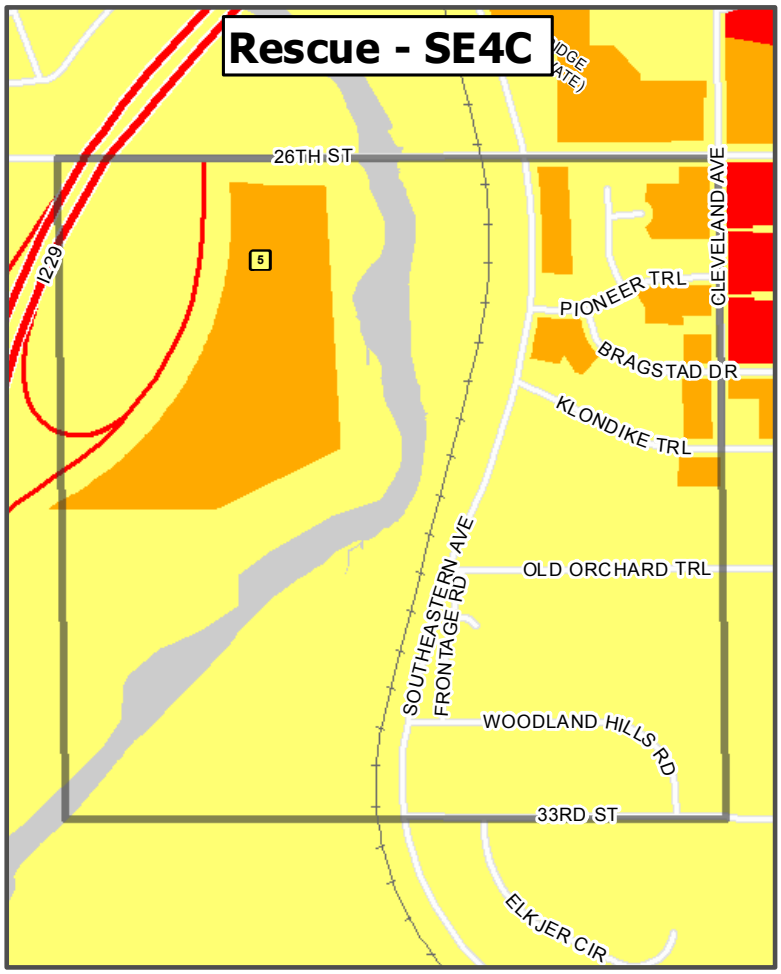
0.2 percent Annual Chance

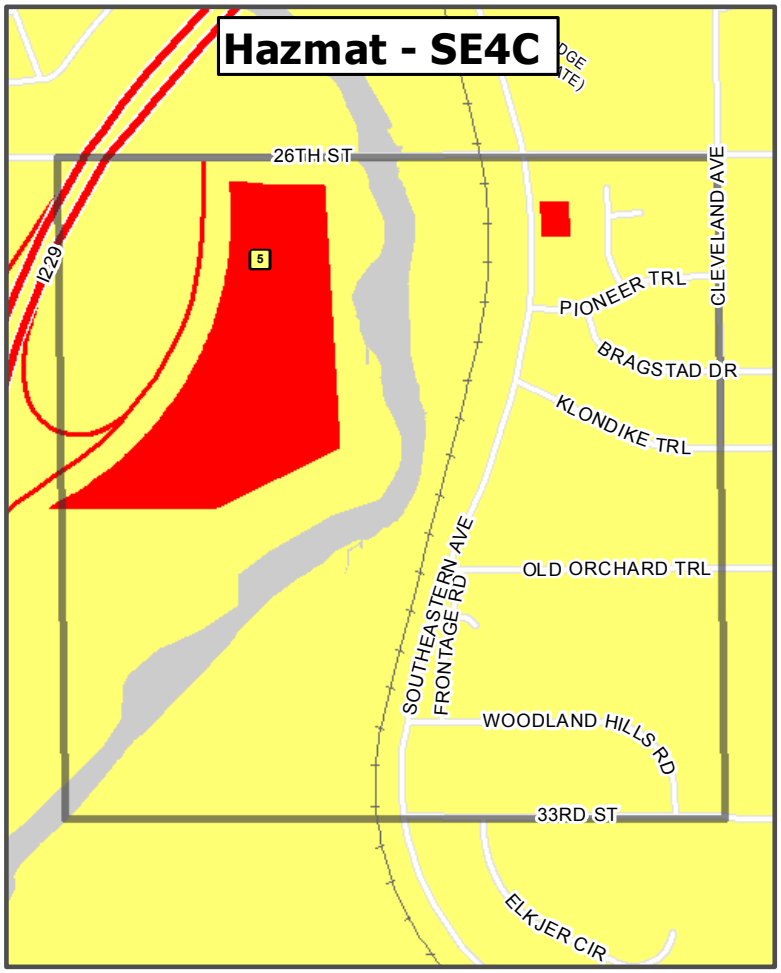
1 percent Annual Chance

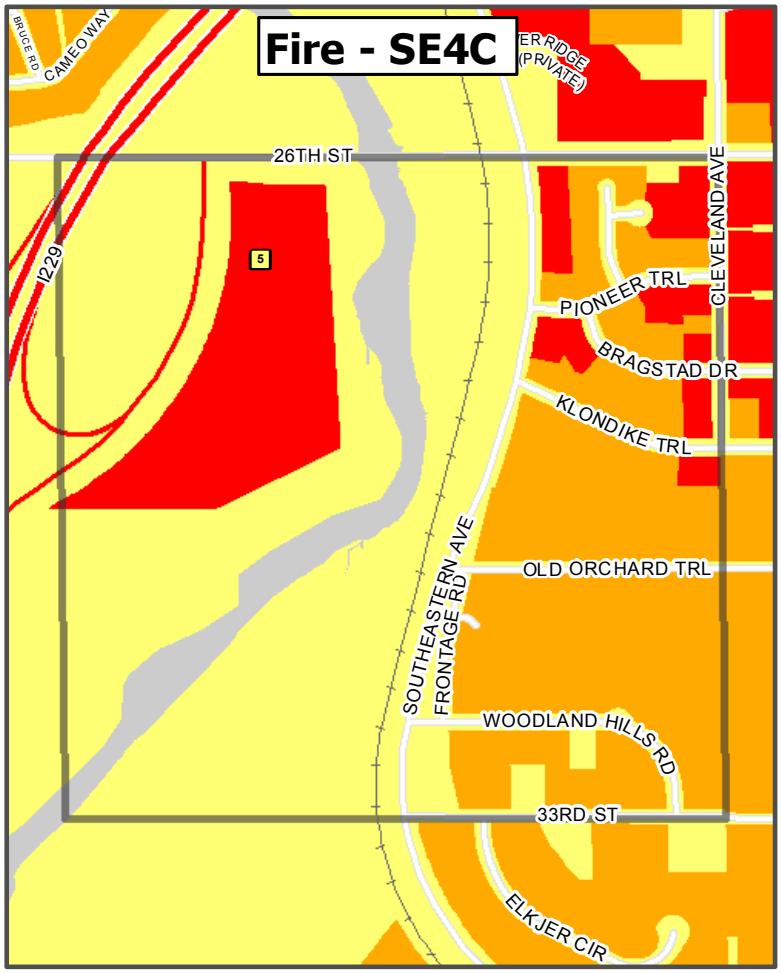







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 20% of this quadrant lies in the flood plain | | |
| Rail line intersects this quadrant | | |
| Pipeline intersects this quadrant | | |

# SE4D

Fire

Rescue

HazMat

EMS

SUB Substation

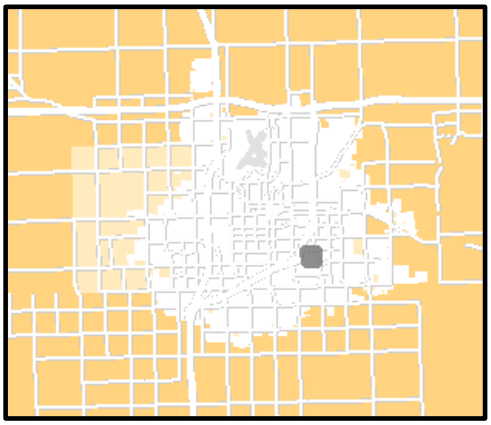
Transmission Line

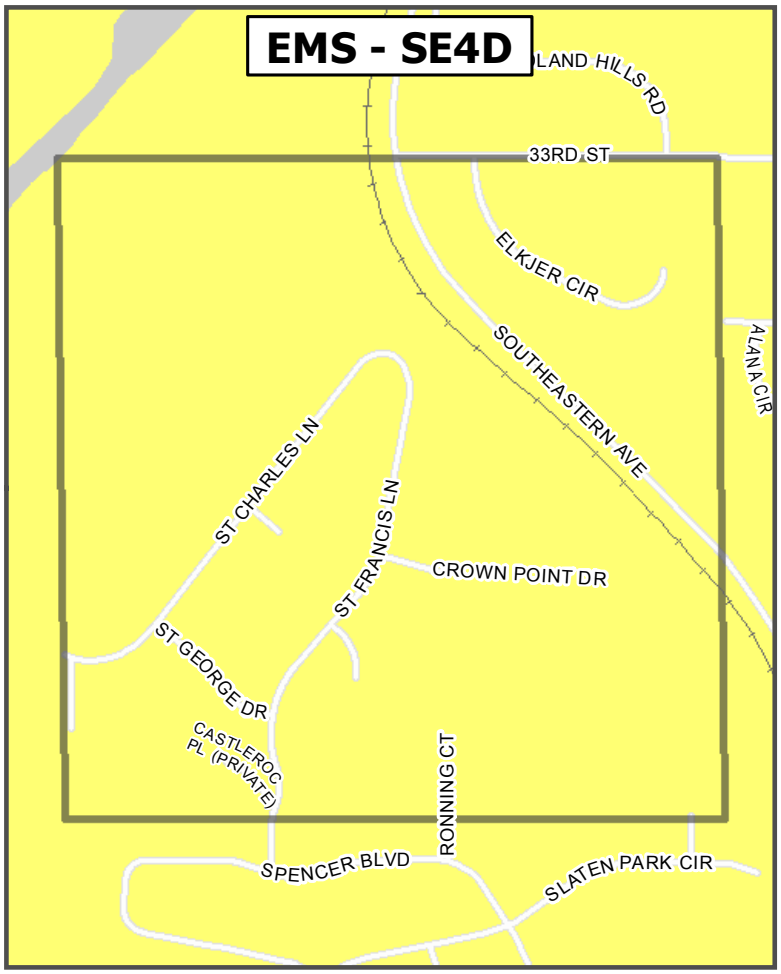
Major Gas Line

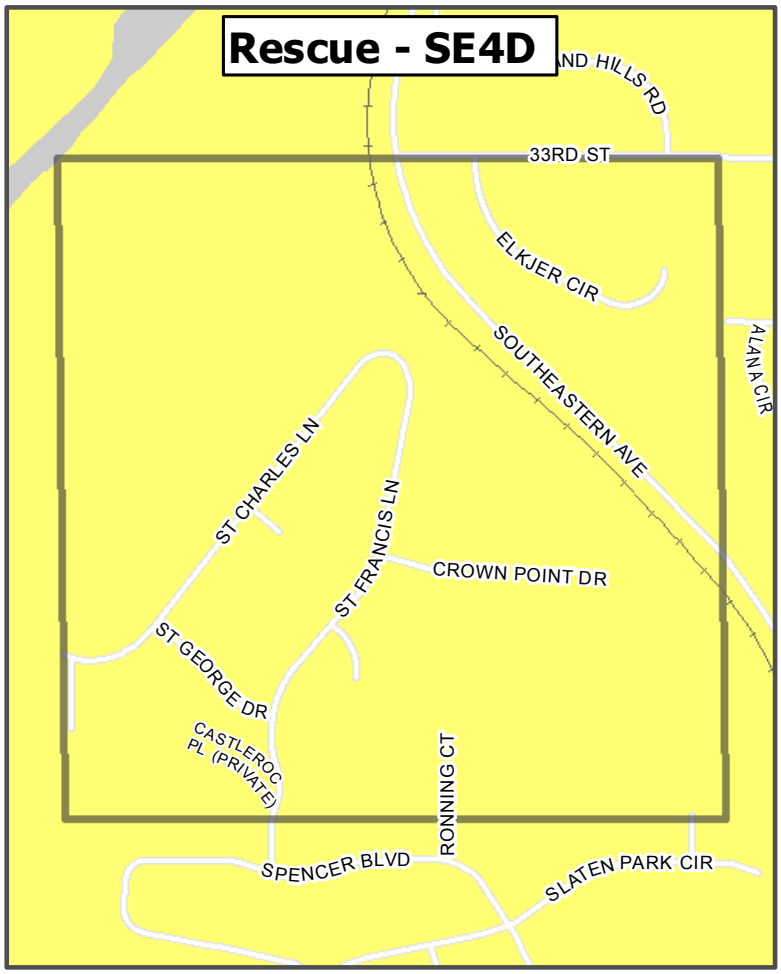
Floodplain

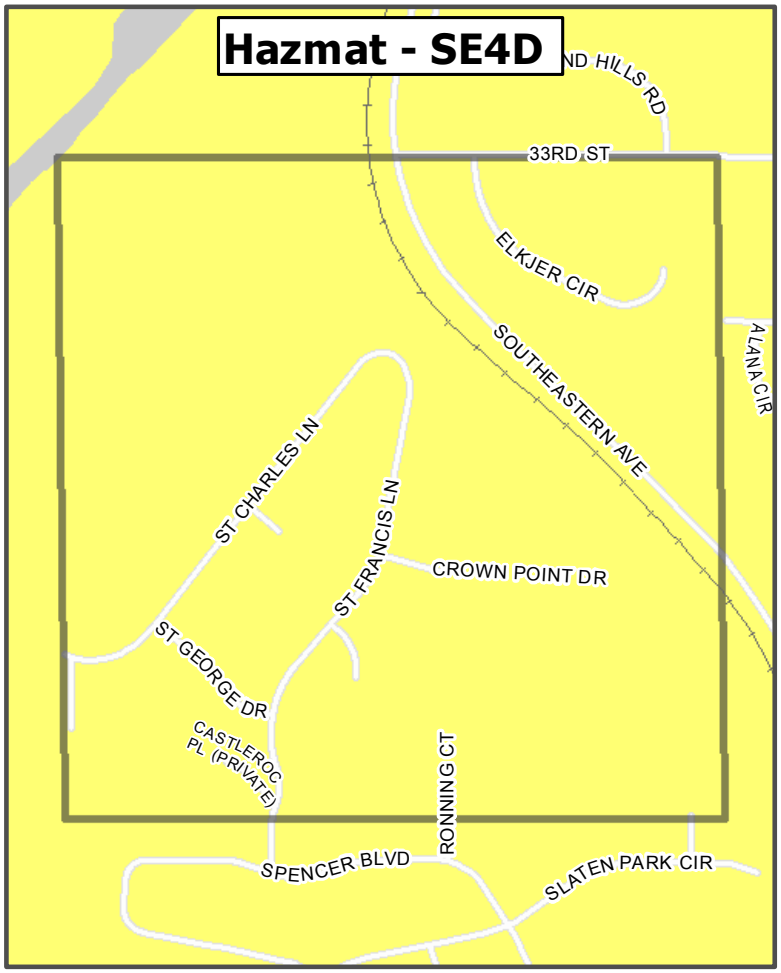
0.2 percent Annual Chance

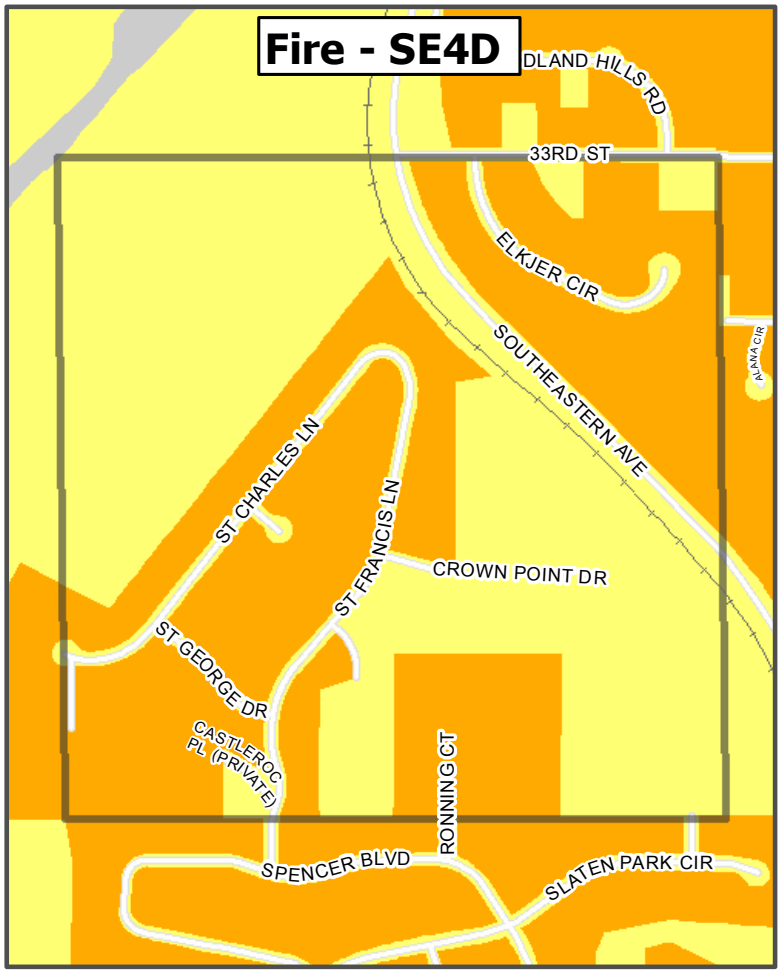
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4E

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 14 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |

# SE4E

Fire

Rescue

HazMat

EMS

SUB Substation

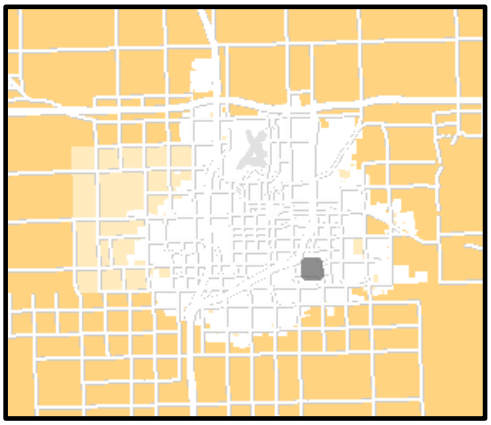
Transmission Line

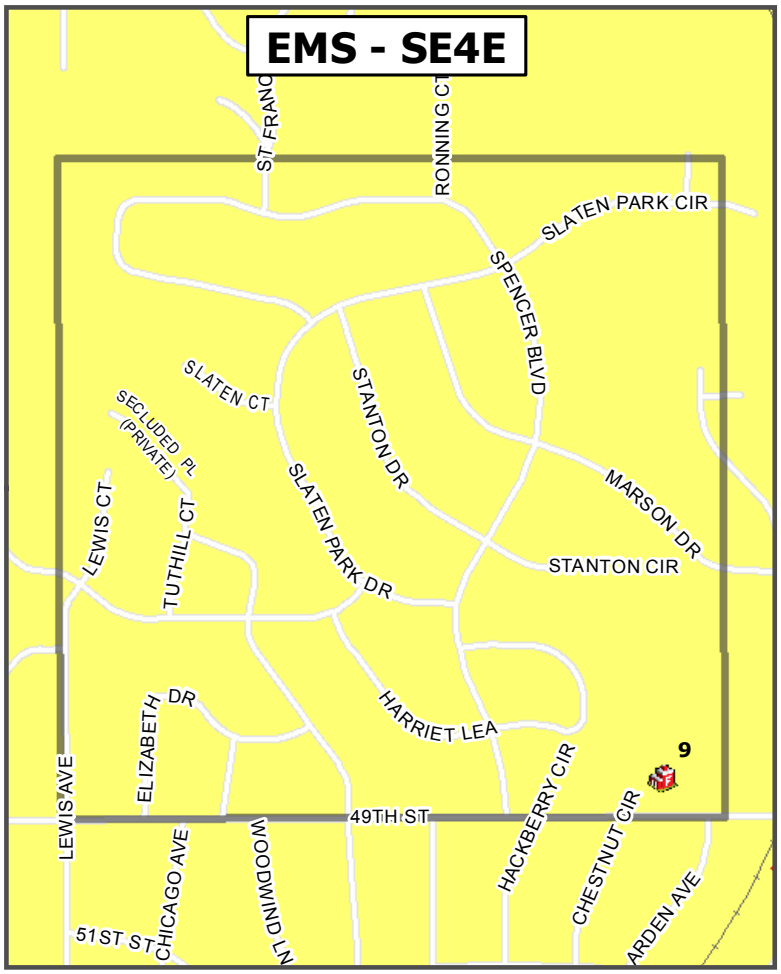
Major Gas Line

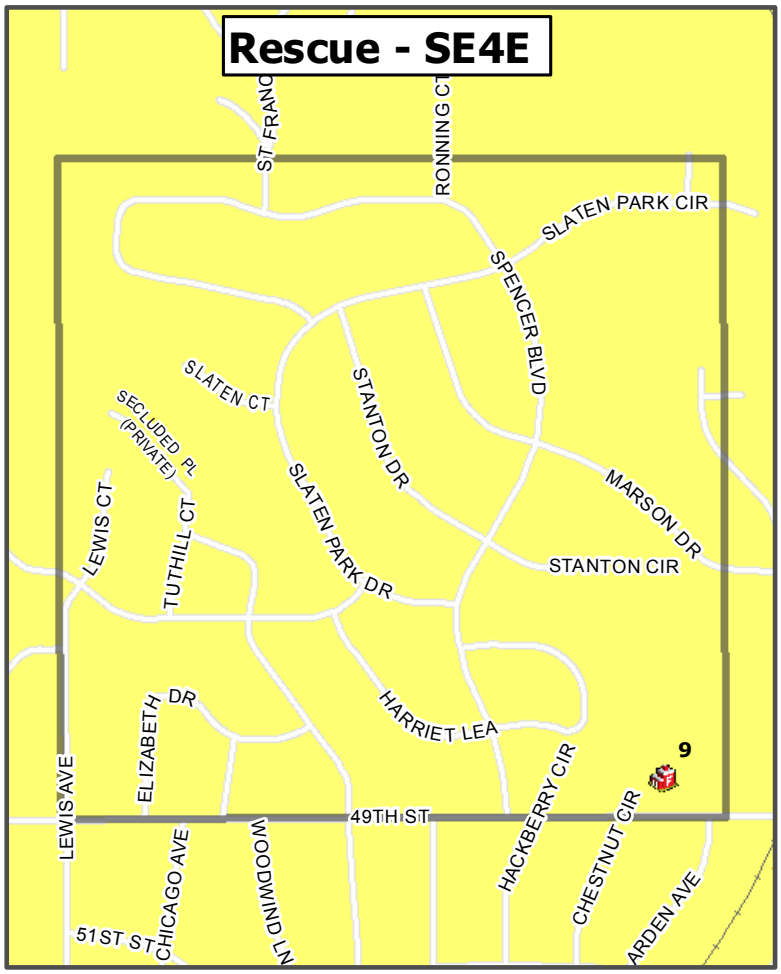
Floodplain

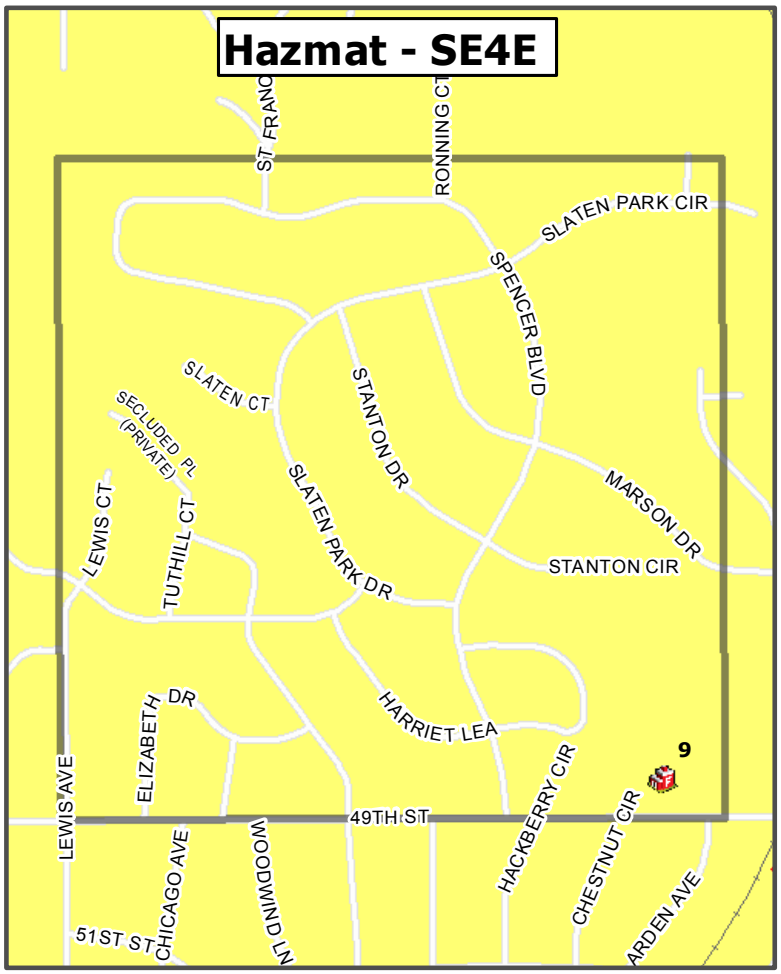
0.2 percent Annual Chance

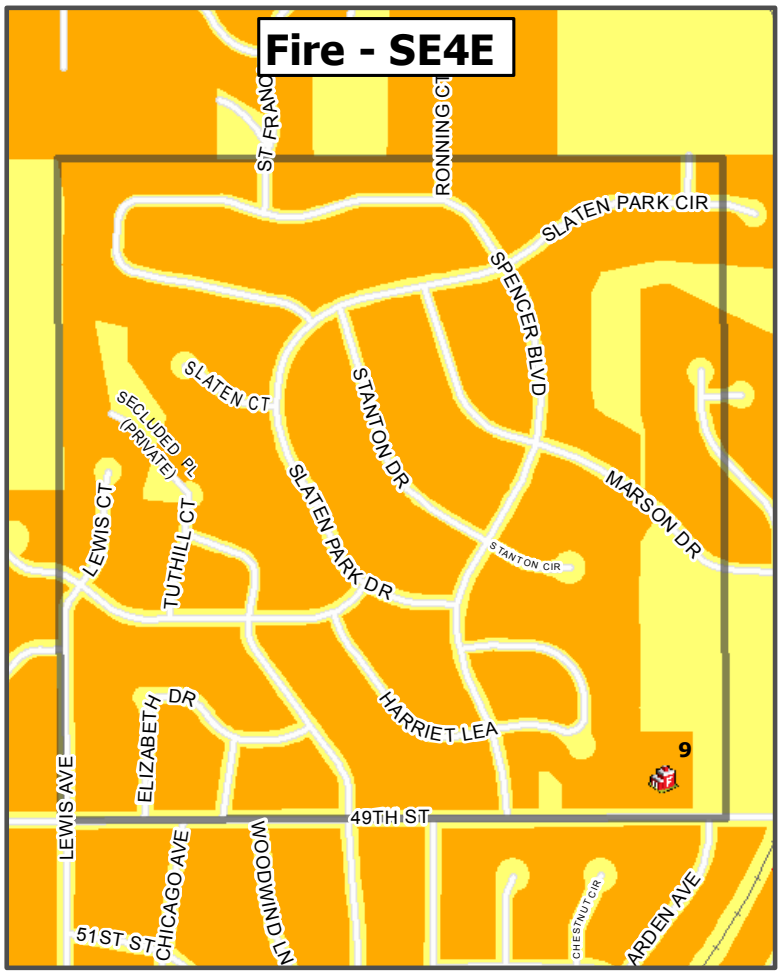
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 9 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail line intersects this quadrant | | |
| Pipeline intersects this quadrant | | |
| GLORIA DEI LUTHERAN | Type 1 | School |

# SE4F

Fire

Rescue

HazMat

EMS

SUB Substation

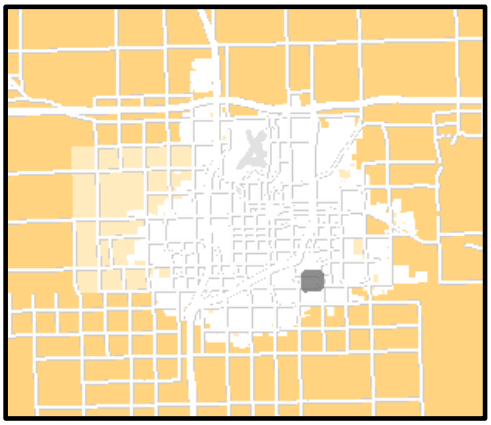
Transmission Line

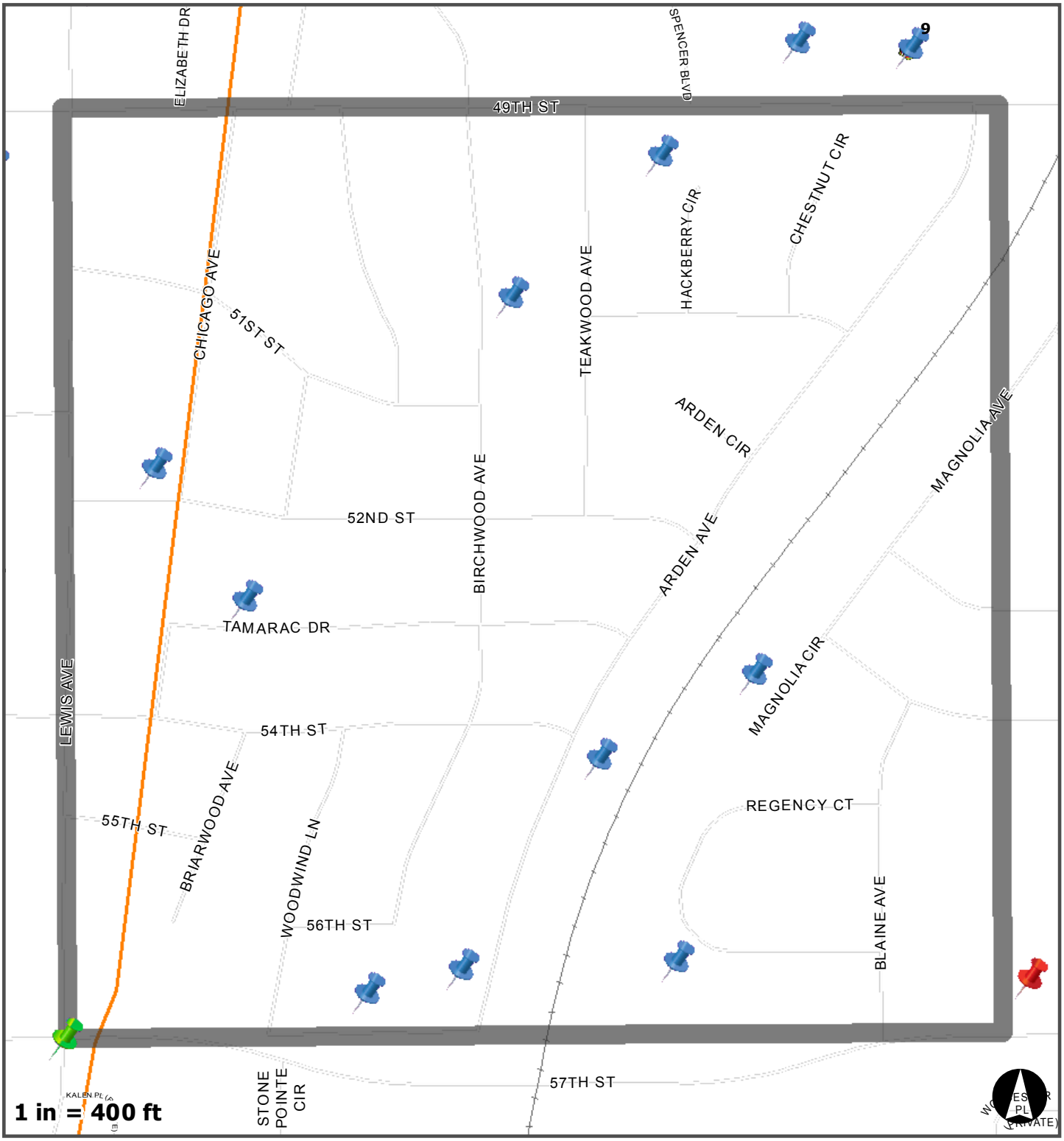
Major Gas Line

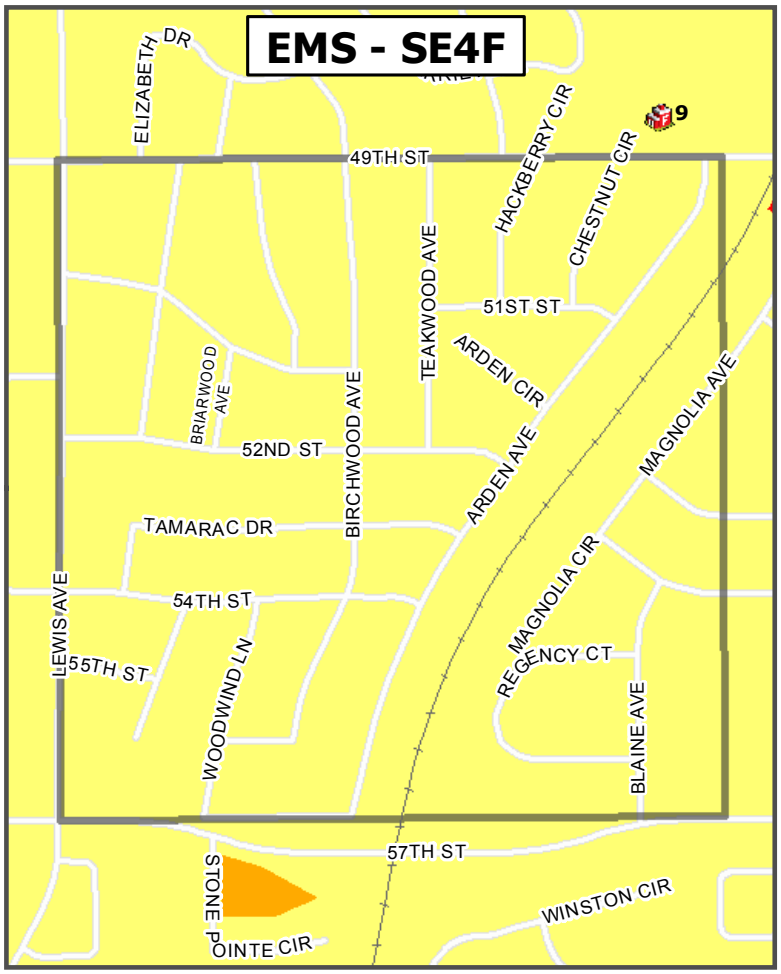
Floodplain

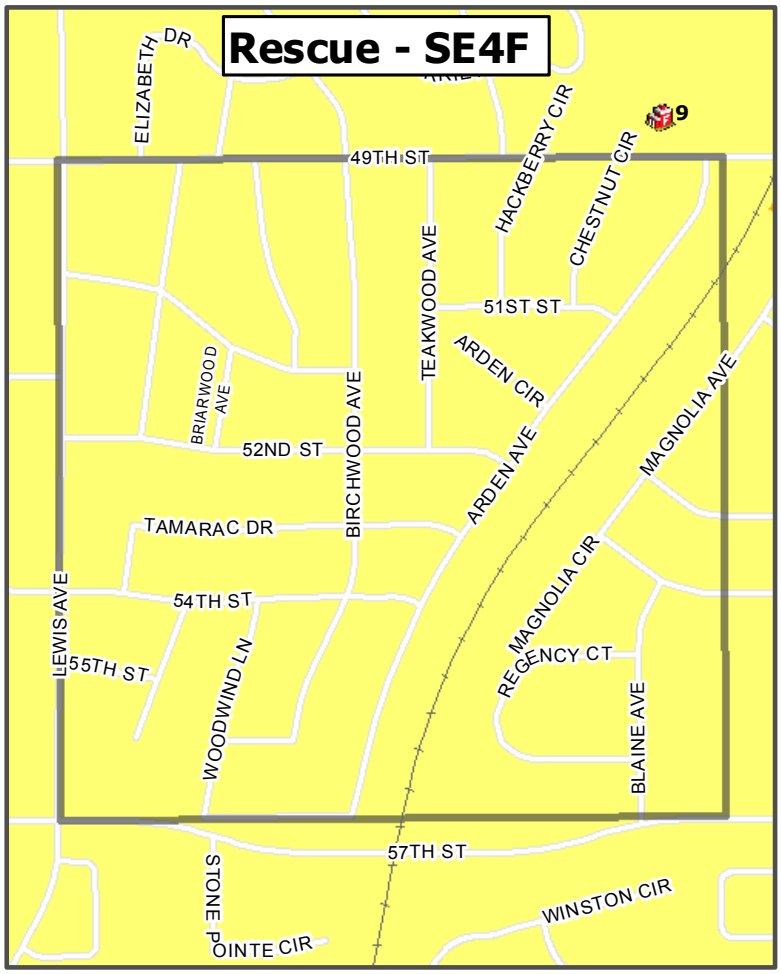
0.2 percent Annual Chance

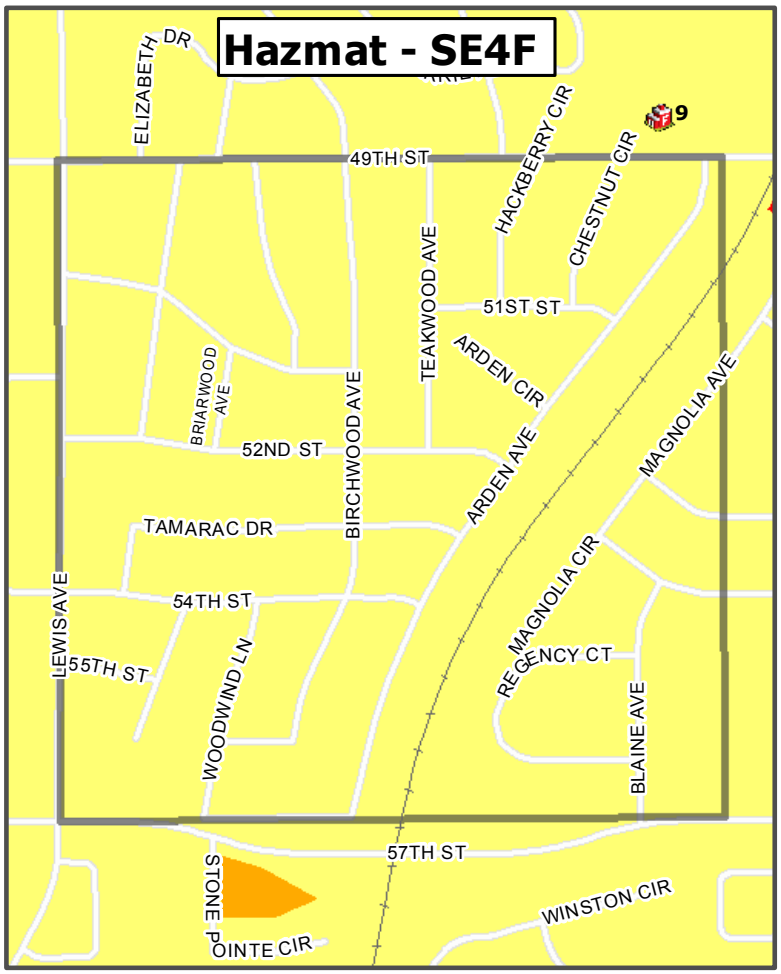
1 percent Annual Chance

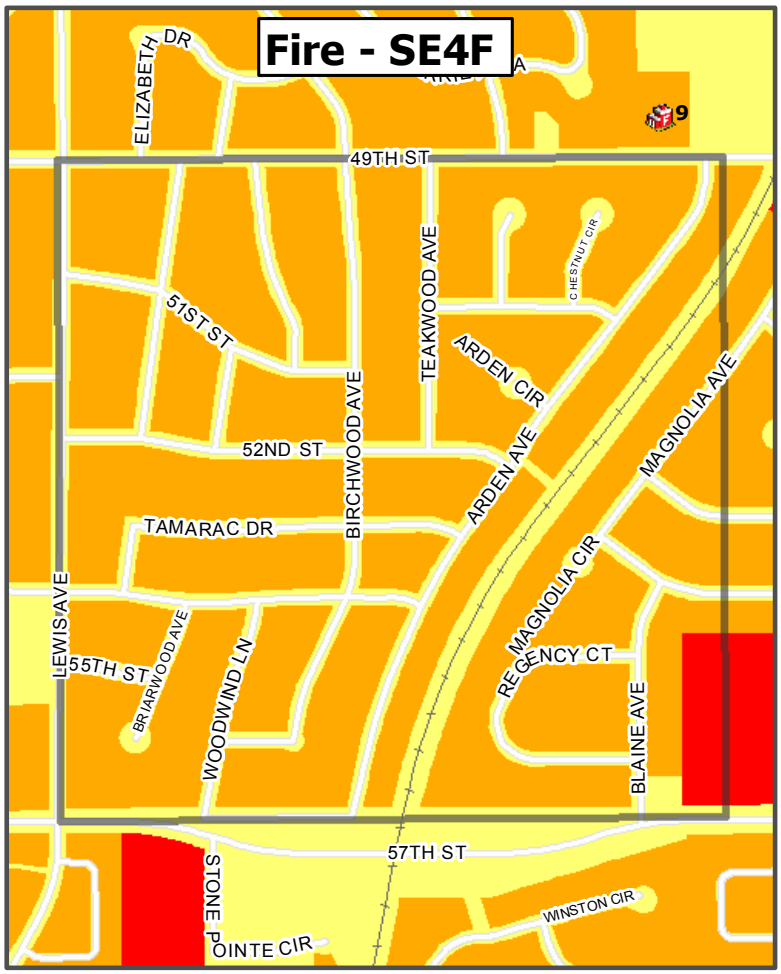







Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4G

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 6 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail line intersects this quadrant | | |

# SE4G

Fire

Rescue

HazMat

EMS

SUB Substation

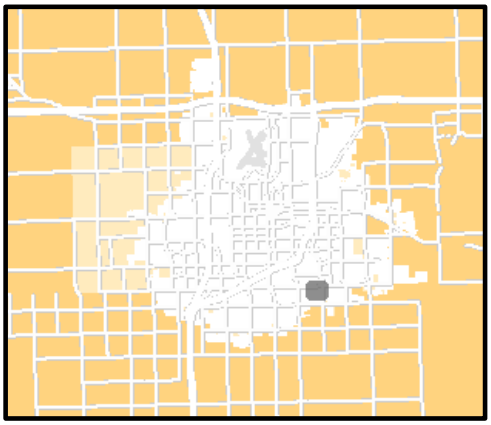
Transmission Line

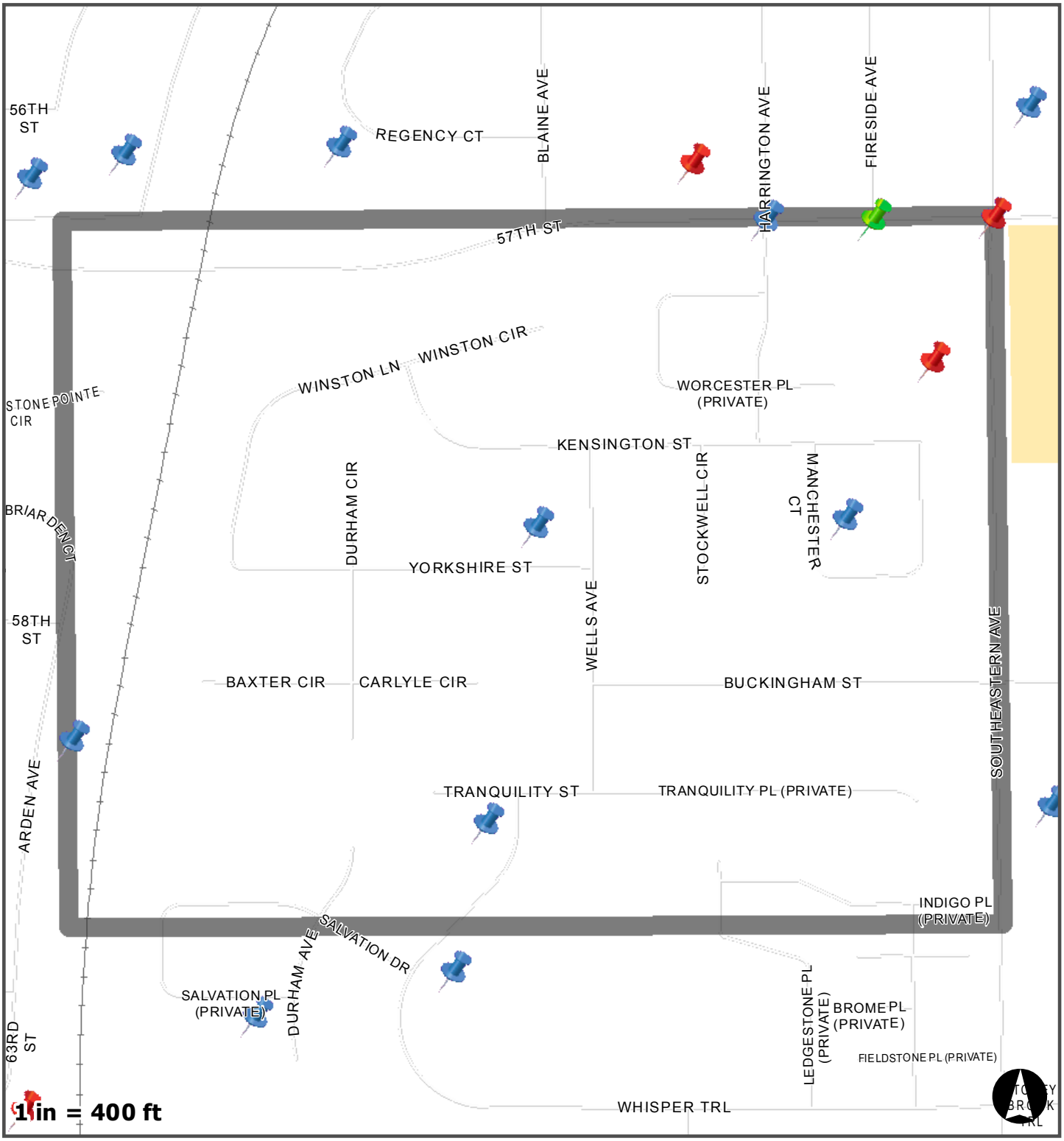
Major Gas Line

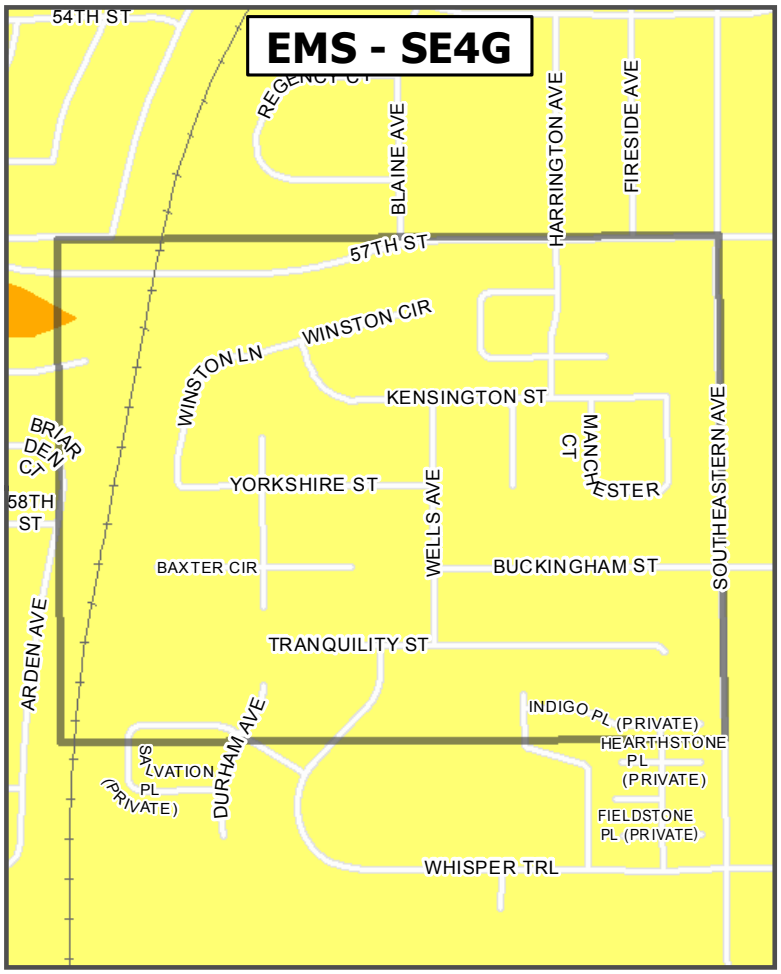
Floodplain

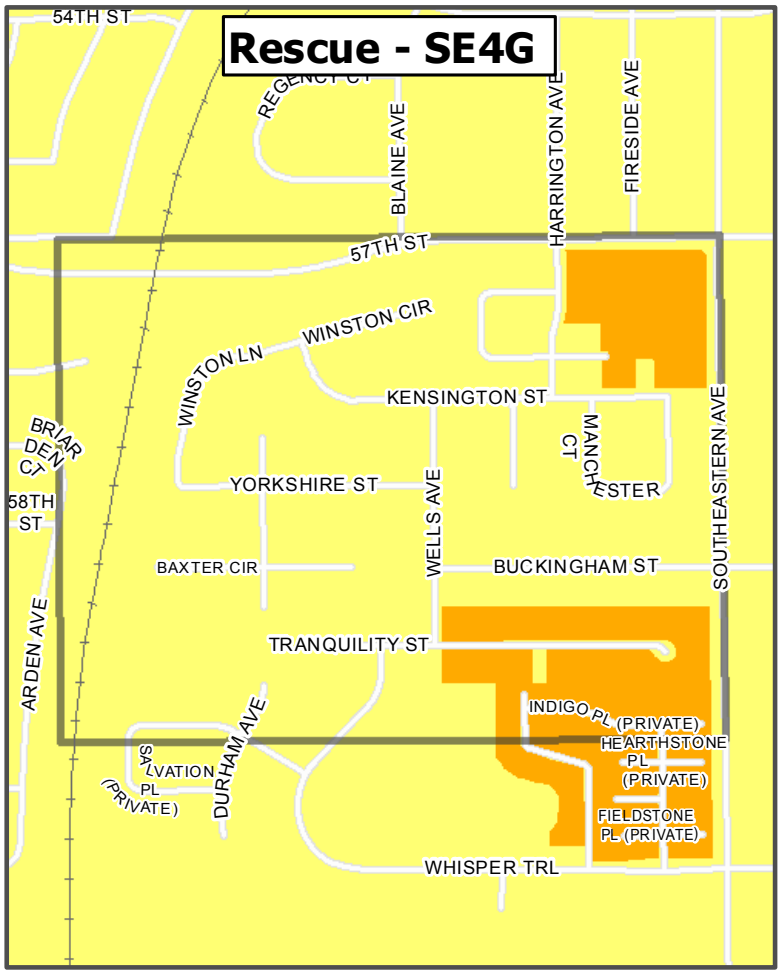
0.2 percent Annual Chance

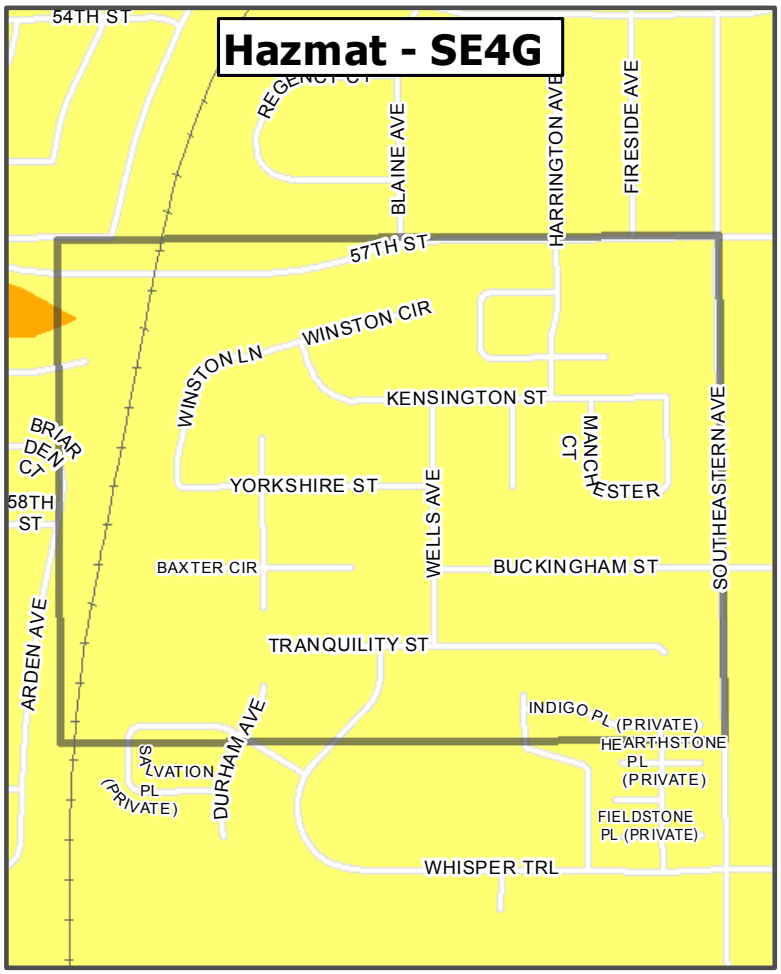
1 percent Annual Chance

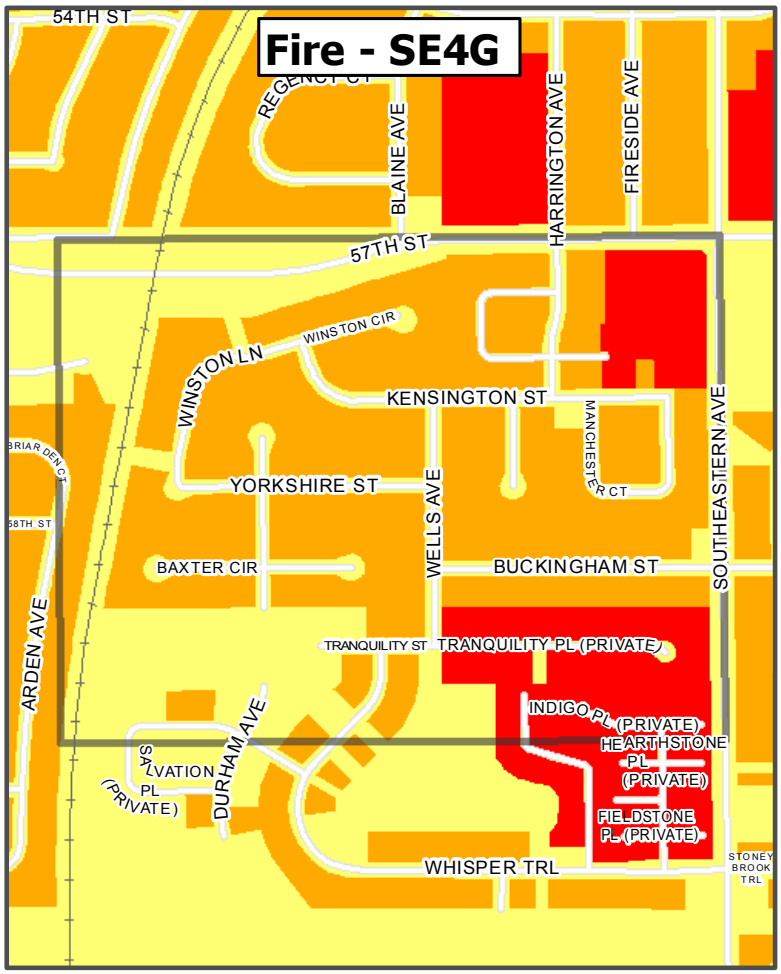







Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 2 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail line intersects this quadrant | | |

# SE4H

Fire

Rescue

HazMat

EMS

SUB Substation

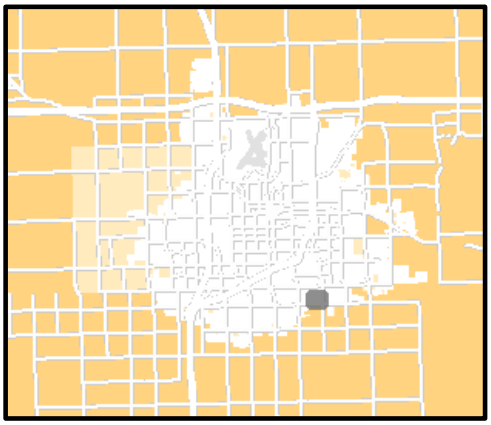
Transmission Line

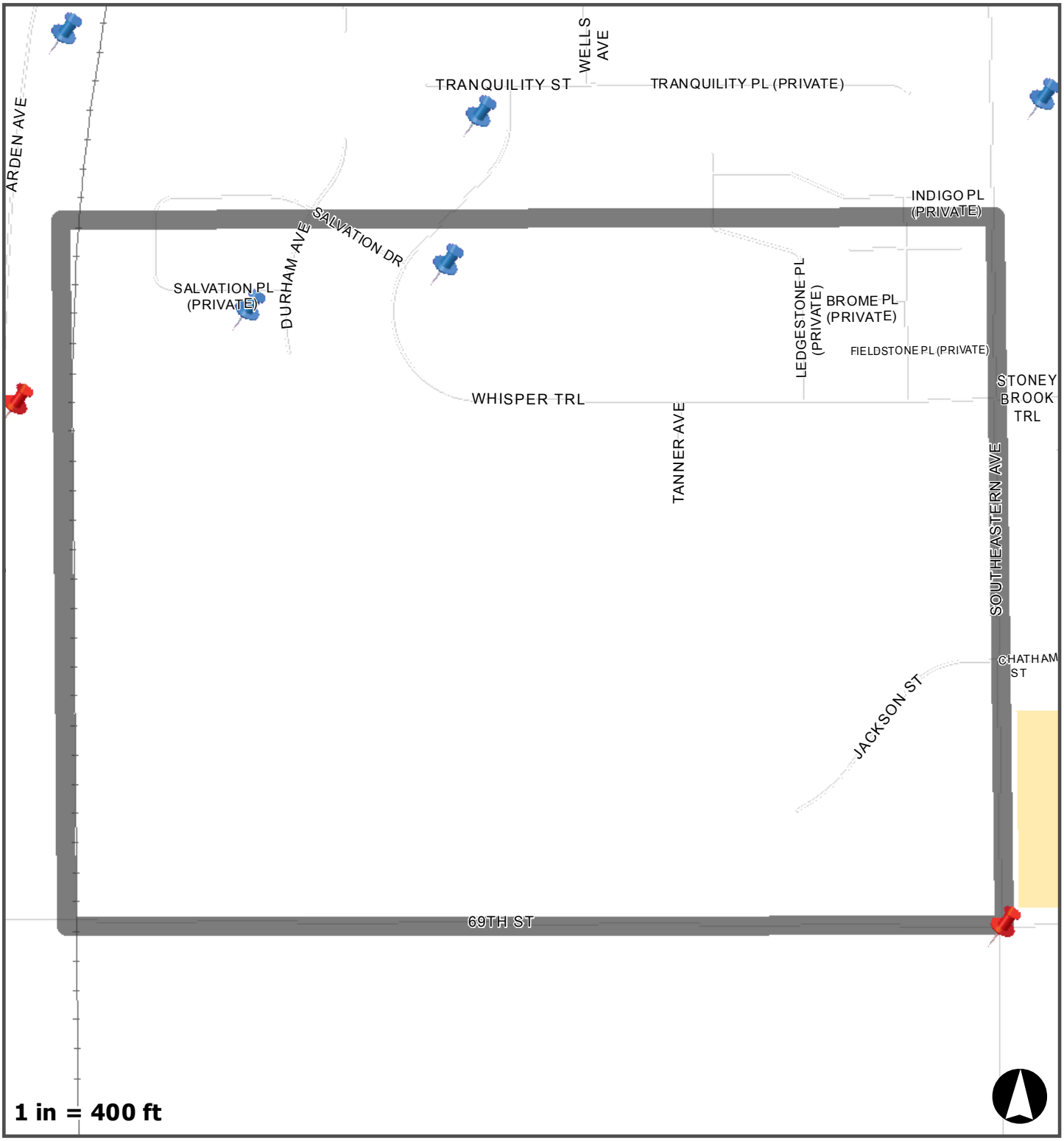
Major Gas Line

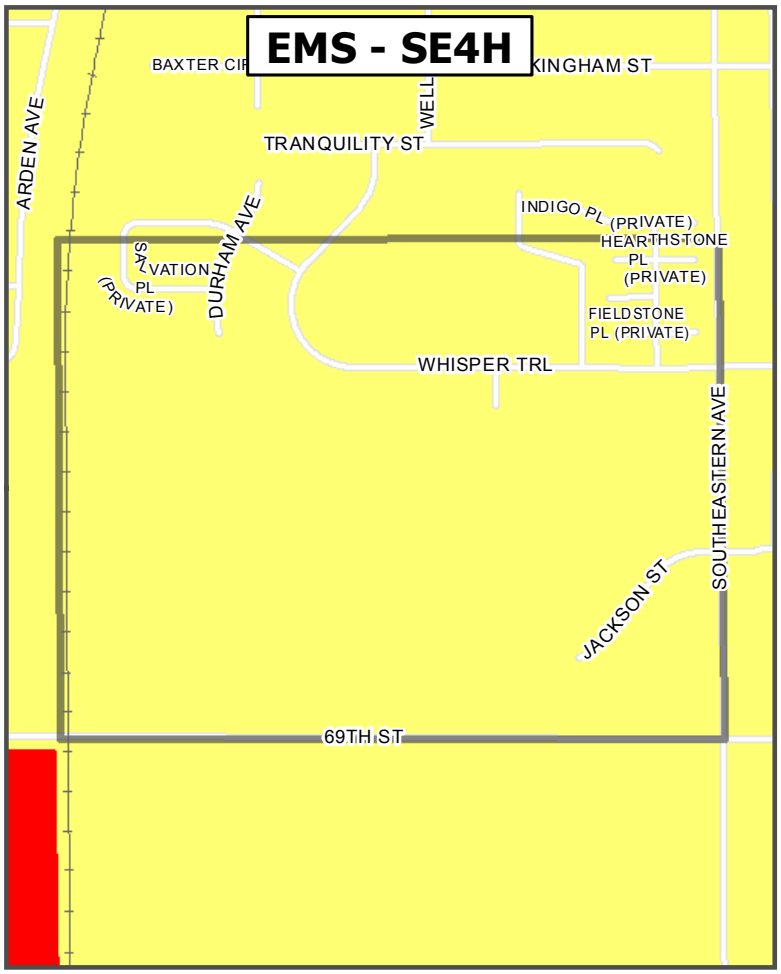
Floodplain

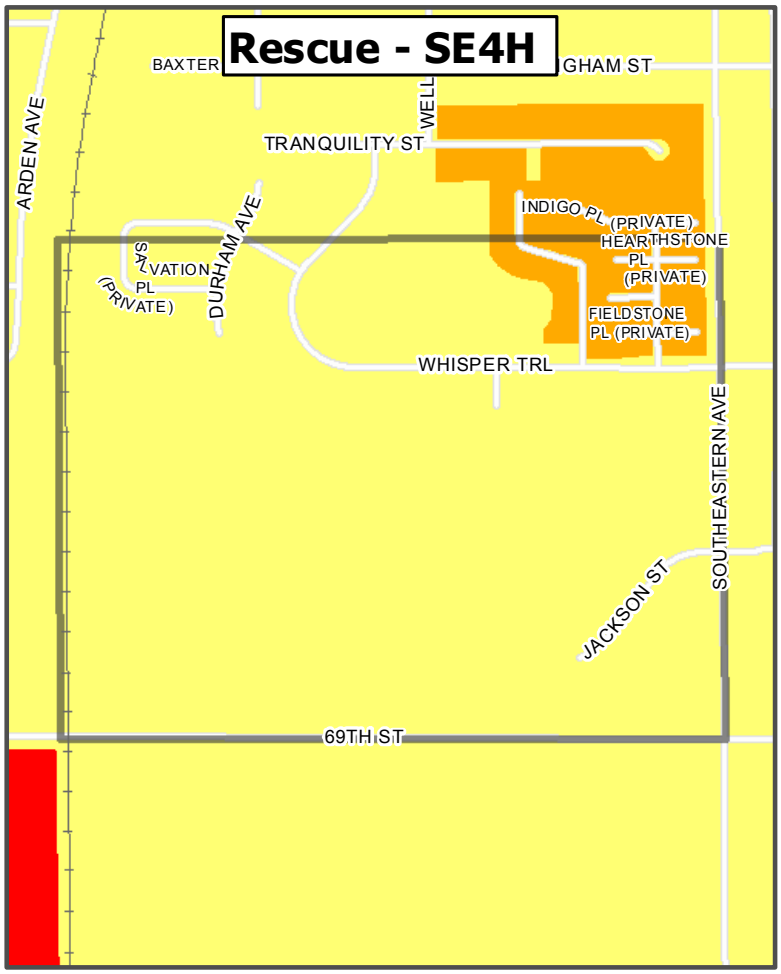
0.2 percent Annual Chance

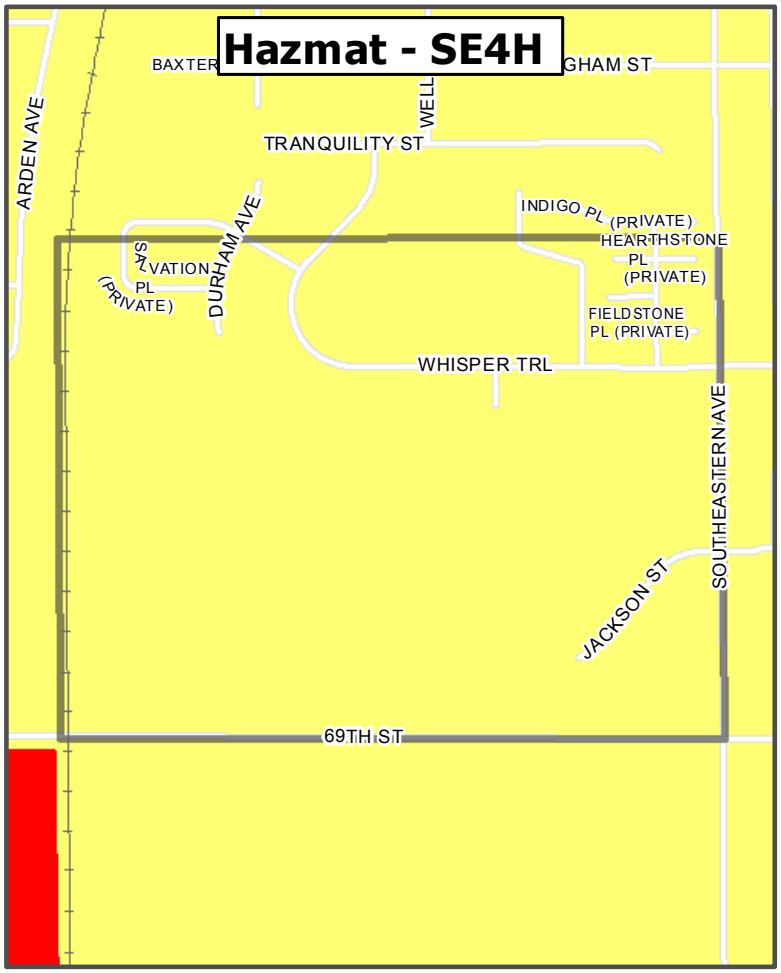
1 percent Annual Chance

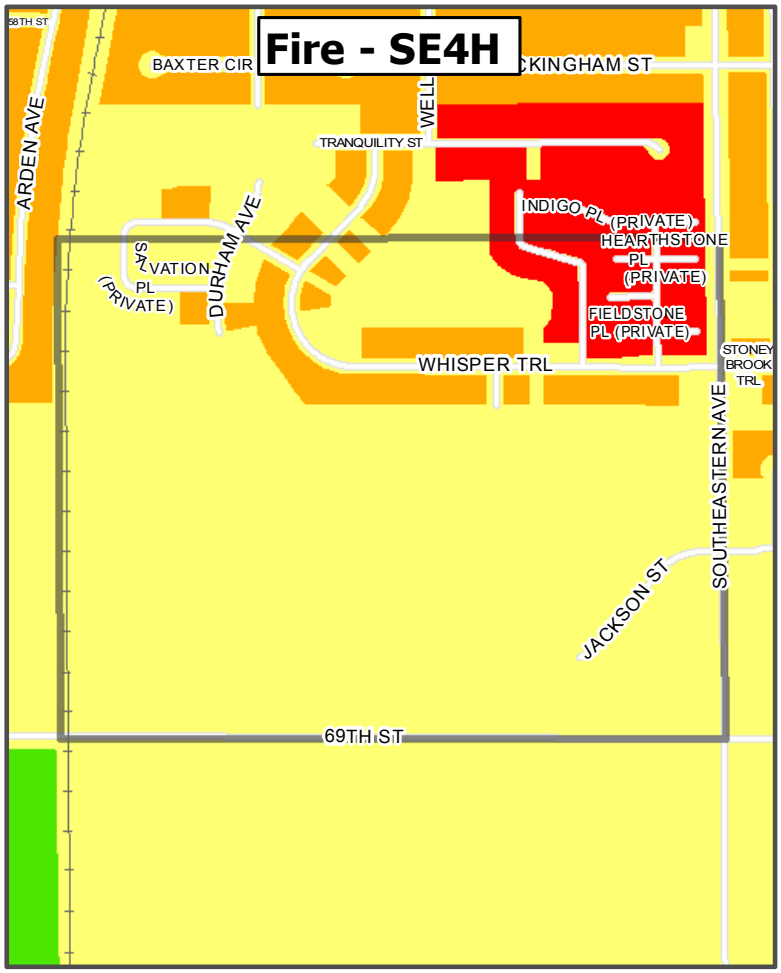







Low | Moderate | High | Special

1 inch = 767 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 4I

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 1 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Moderate | Moderate | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Pipeline intersects this quadrant | | |
| Rail line intersects this quadrant | | |

# SE4I

Fire

Rescue

HazMat

EMS

SUB Substation

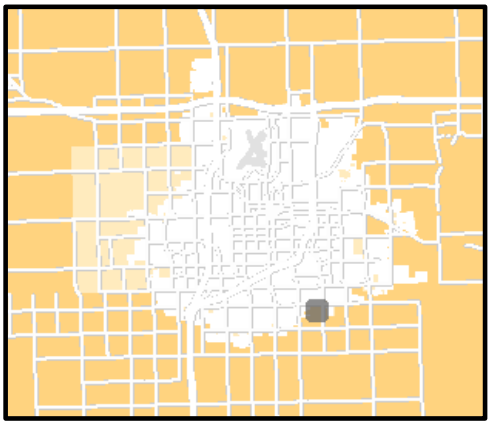
Transmission Line

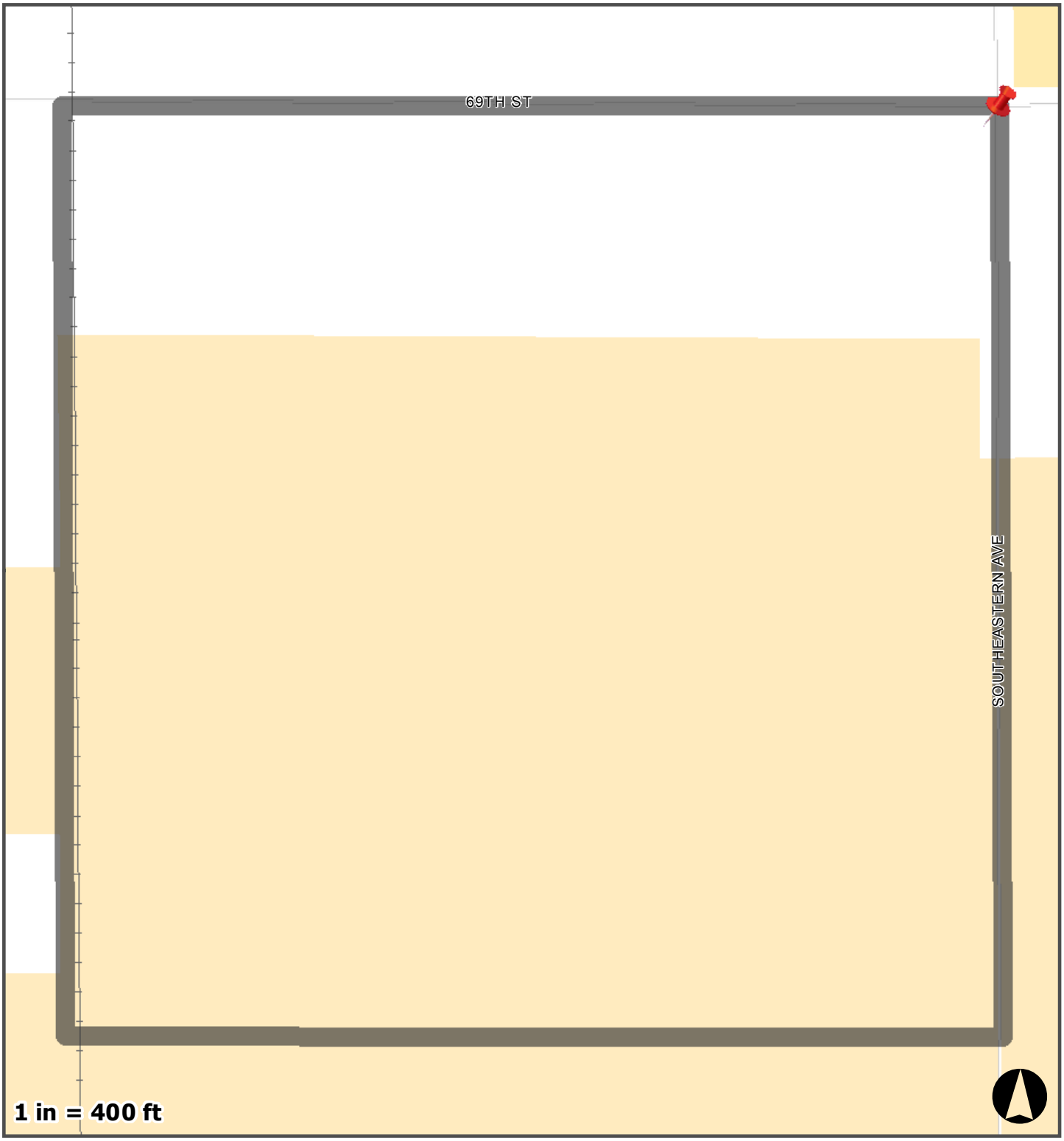
Major Gas Line

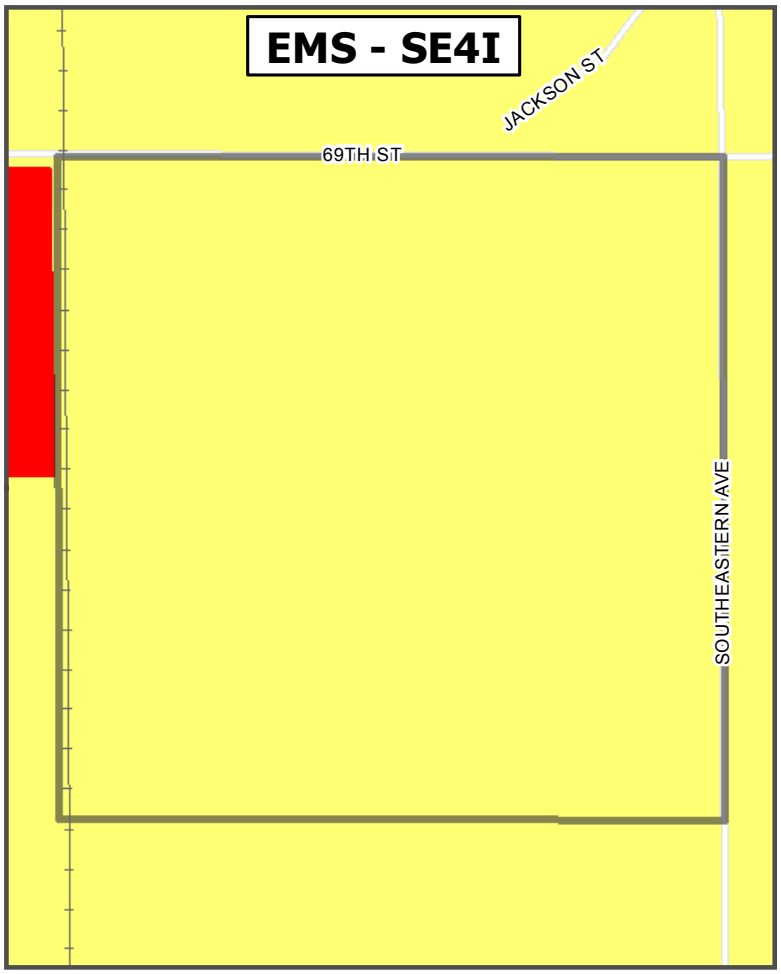
Floodplain

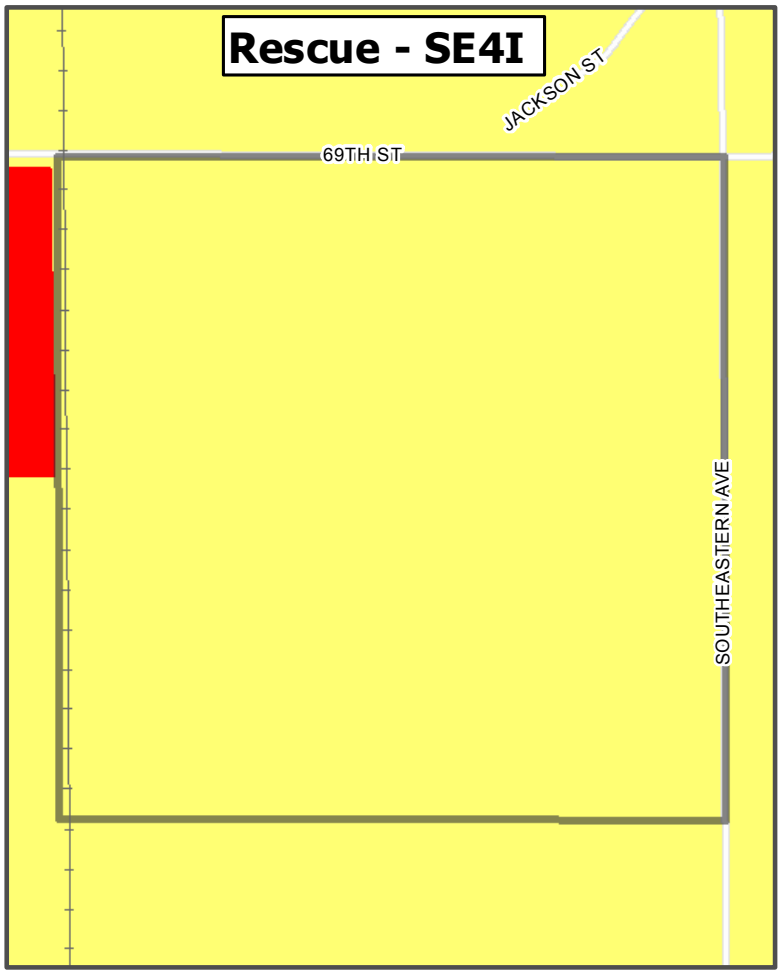
0.2 percent Annual Chance

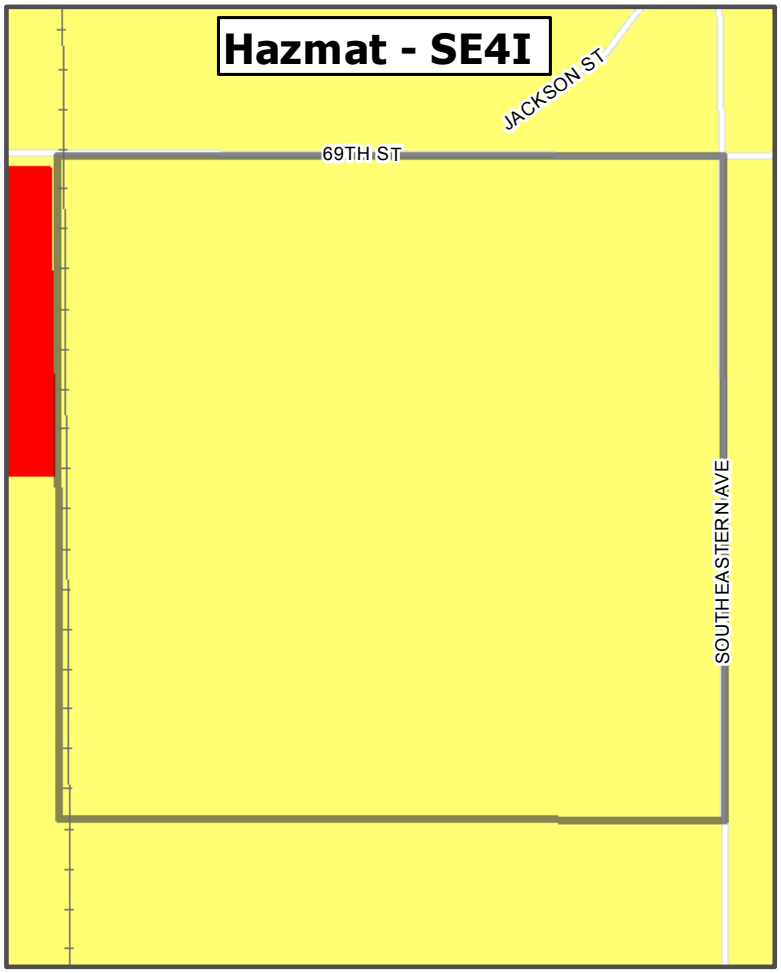
1 percent Annual Chance

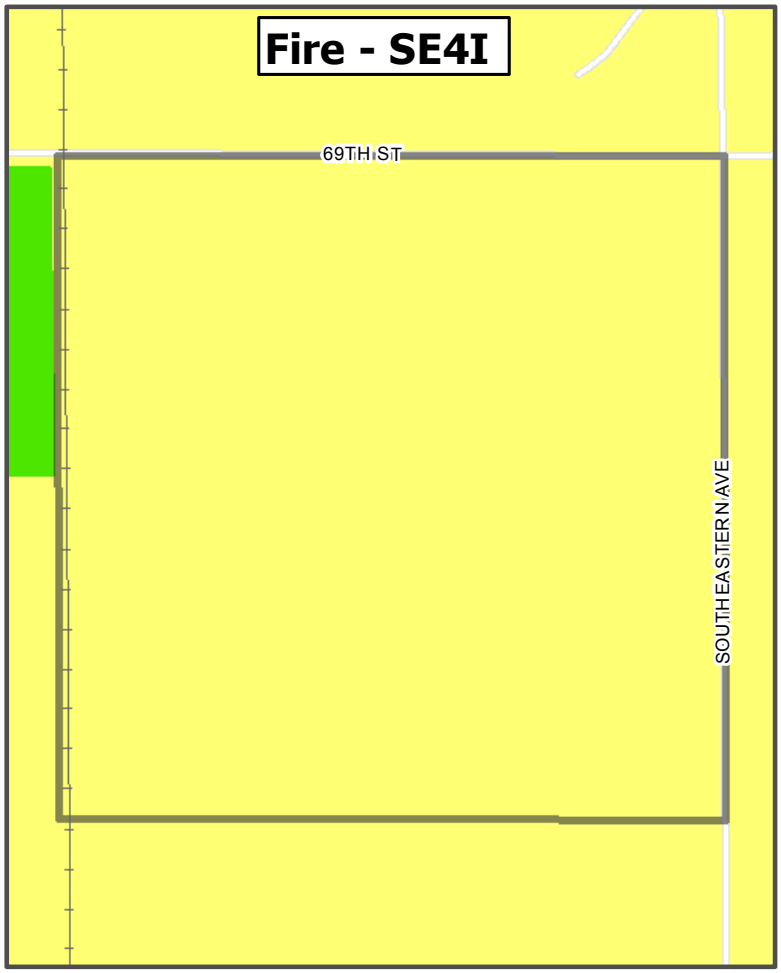







Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 1 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 48 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Y.E.S. DAYCARE | Type 1 | School |
| CLEVELAND ELEMENTARY | Type 1 | School |

# SE5A

Fire

Rescue

HazMat

EMS

SUB Substation

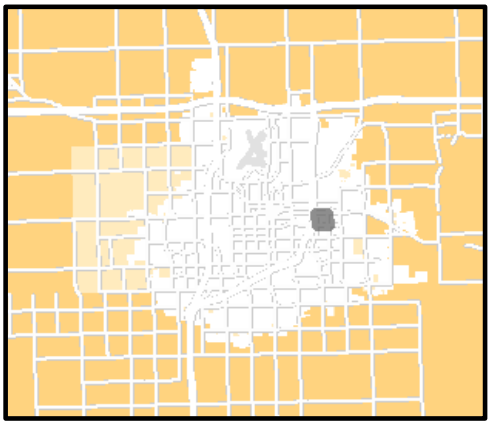
Transmission Line

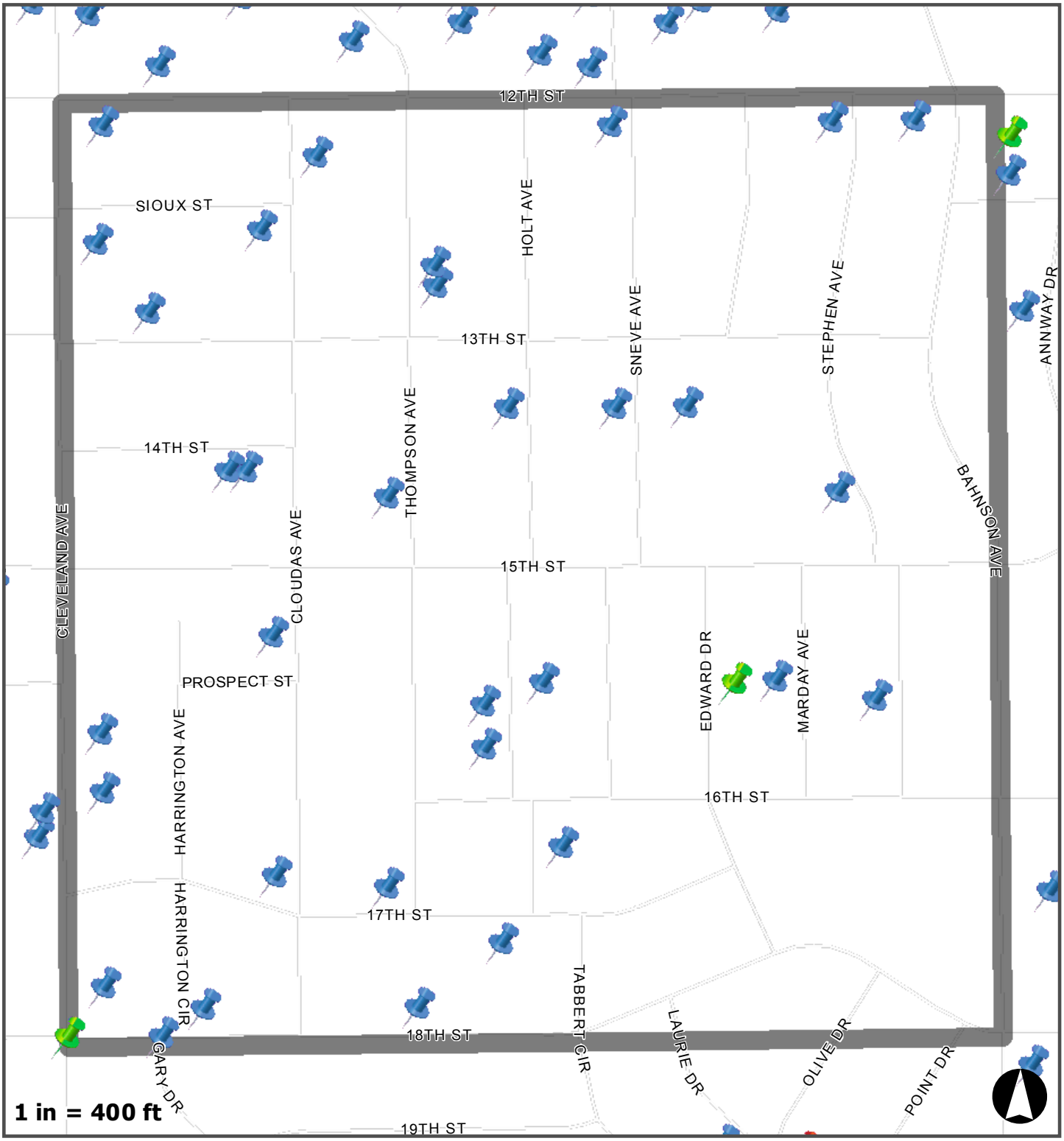
Major Gas Line

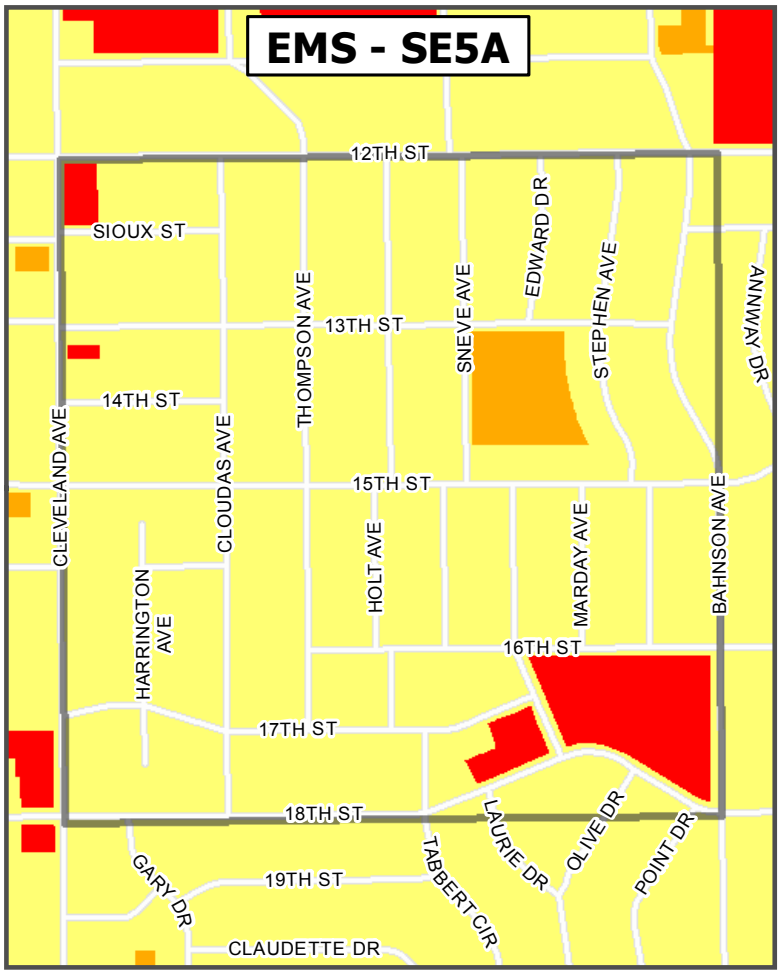
Floodplain

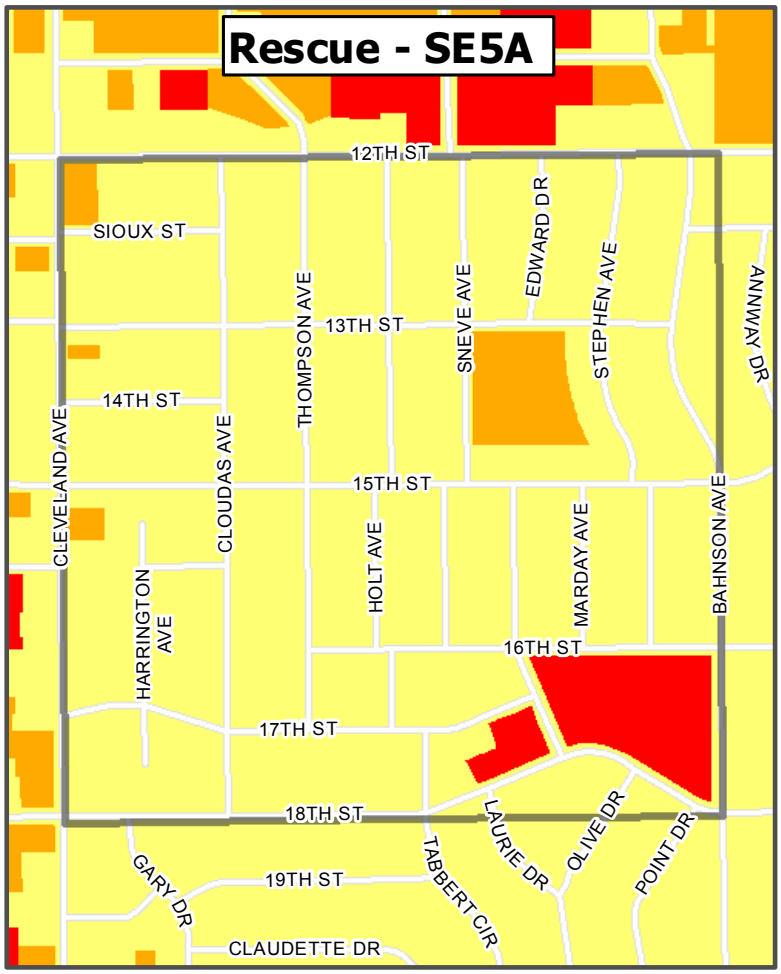
0.2 percent Annual Chance

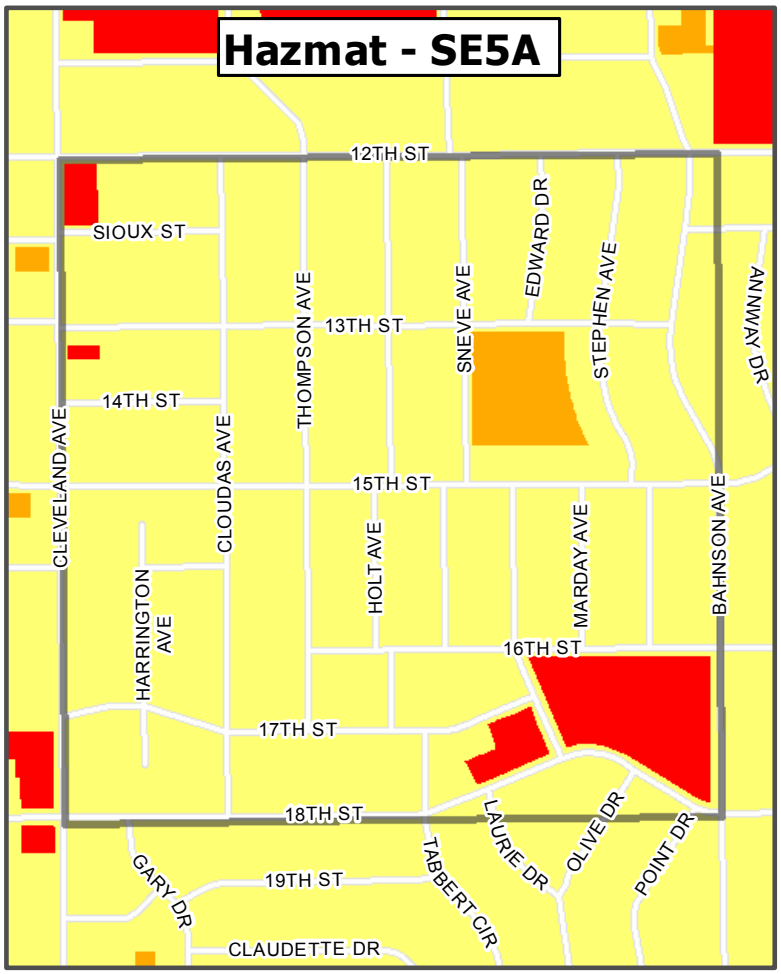
1 percent Annual Chance

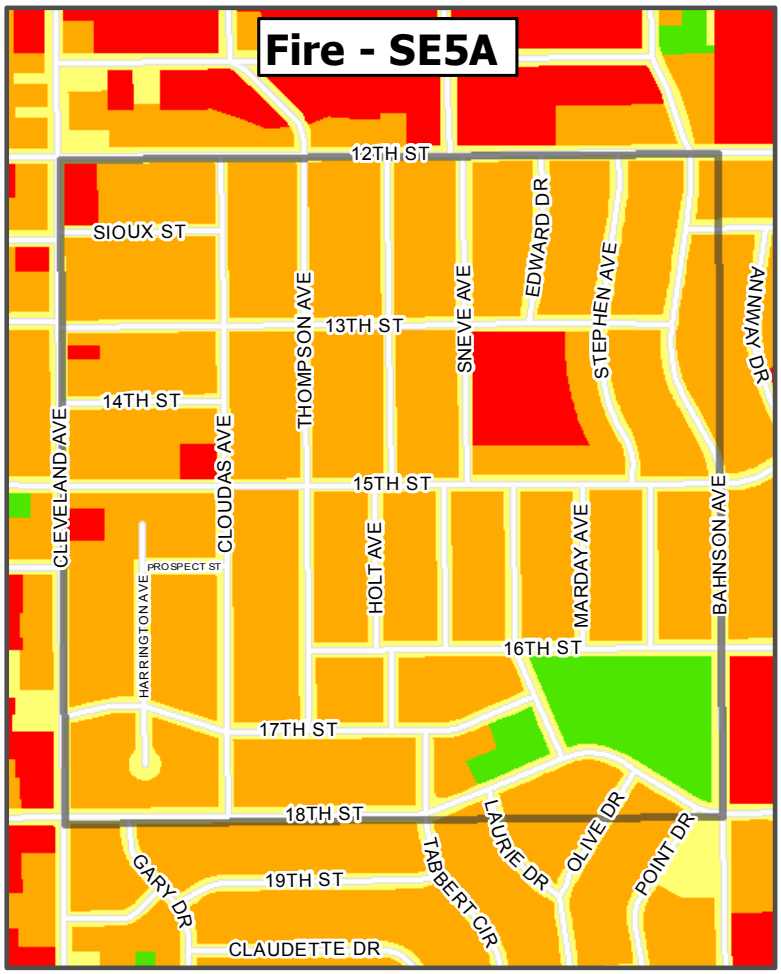







Low | Moderate | High | Special

1 inch = 773 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5B

| Frequency of Fires | |
|---|---|
| Residential | 2 |
| Commercial | 1 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 1 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 47 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 8 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| GREENWAY APARTMENTS | Type 1 | Nursing Home |

# SE5B

Fire

Rescue

HazMat

EMS

SUB Substation

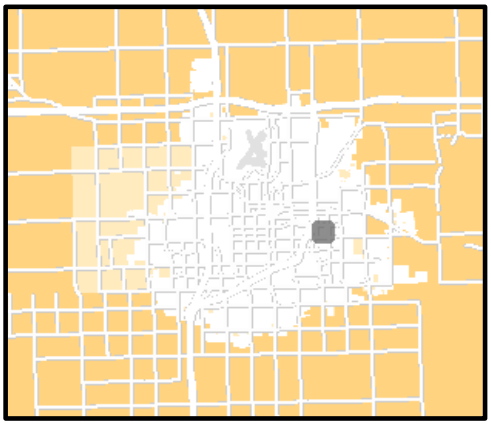
Transmission Line

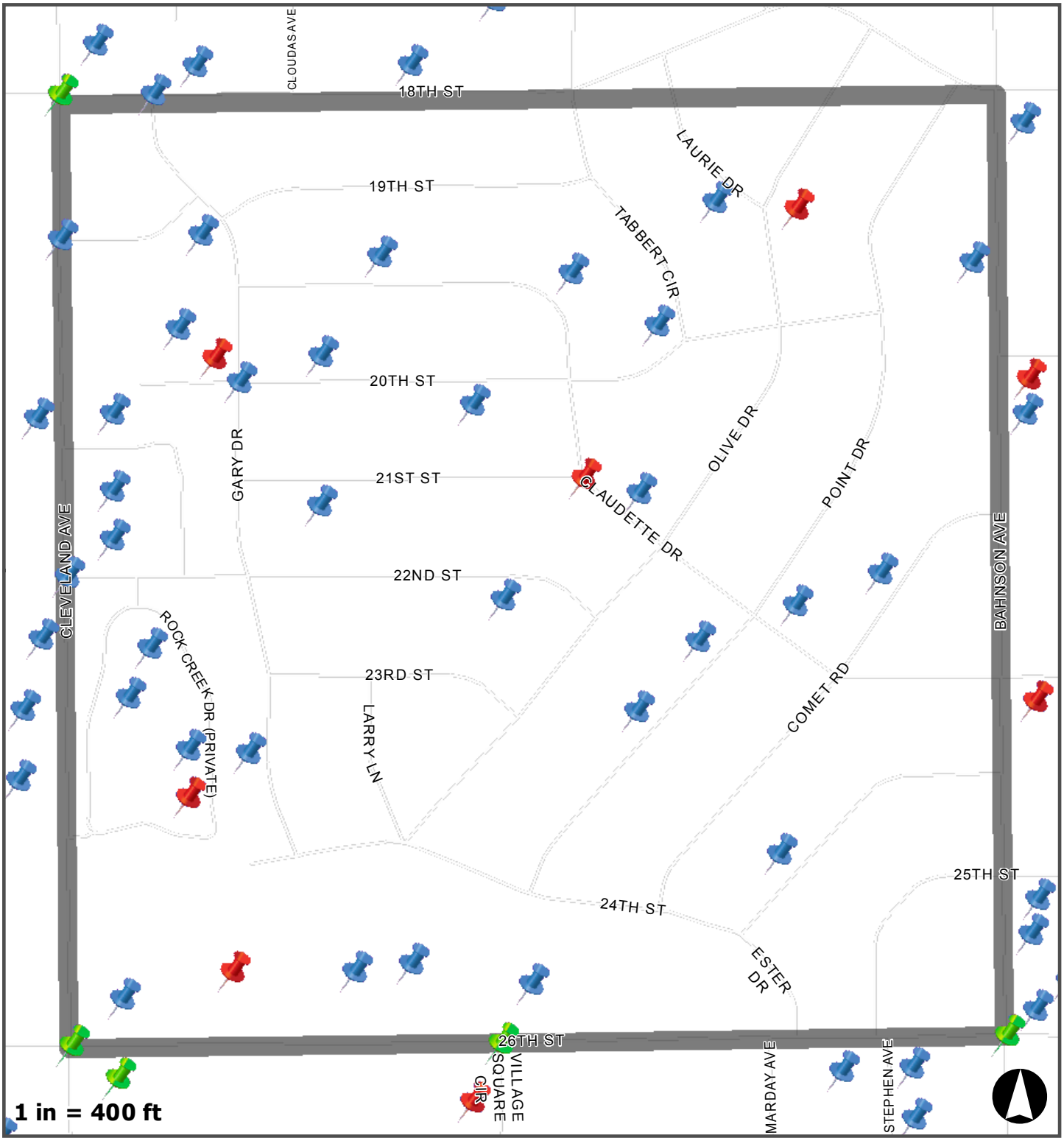
Major Gas Line

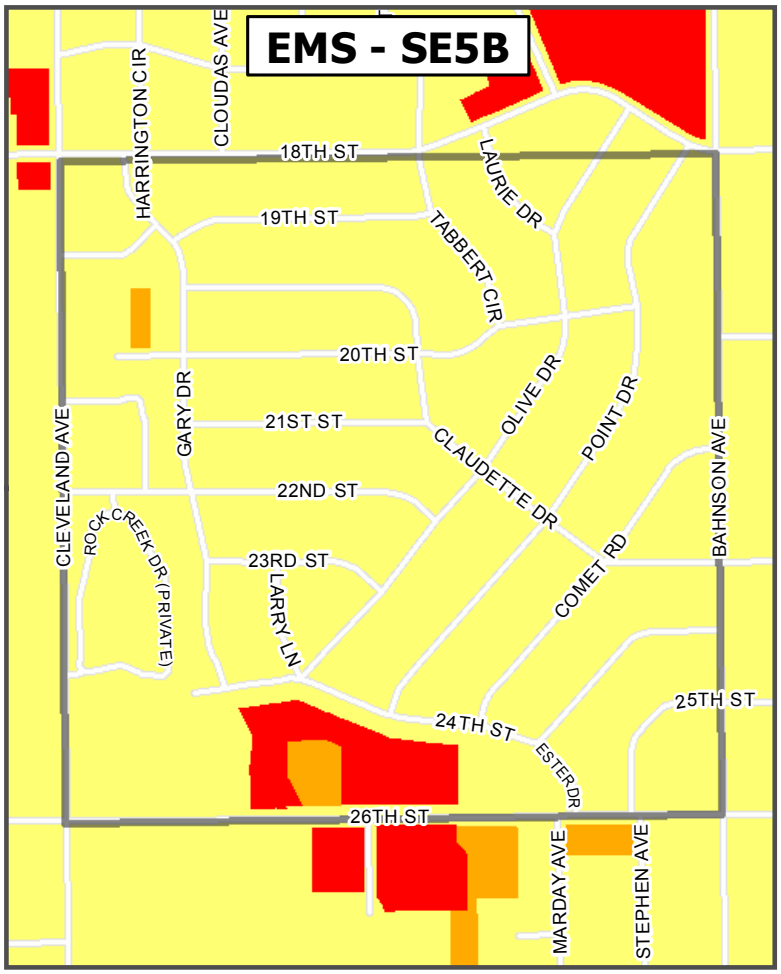
Floodplain

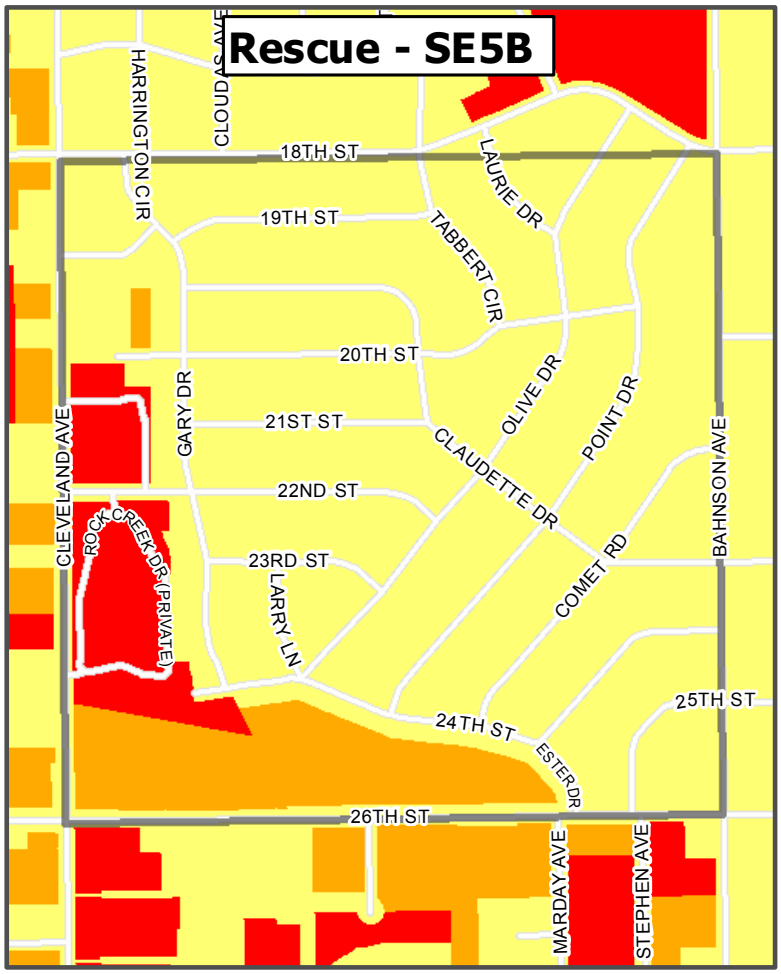
0.2 percent Annual Chance

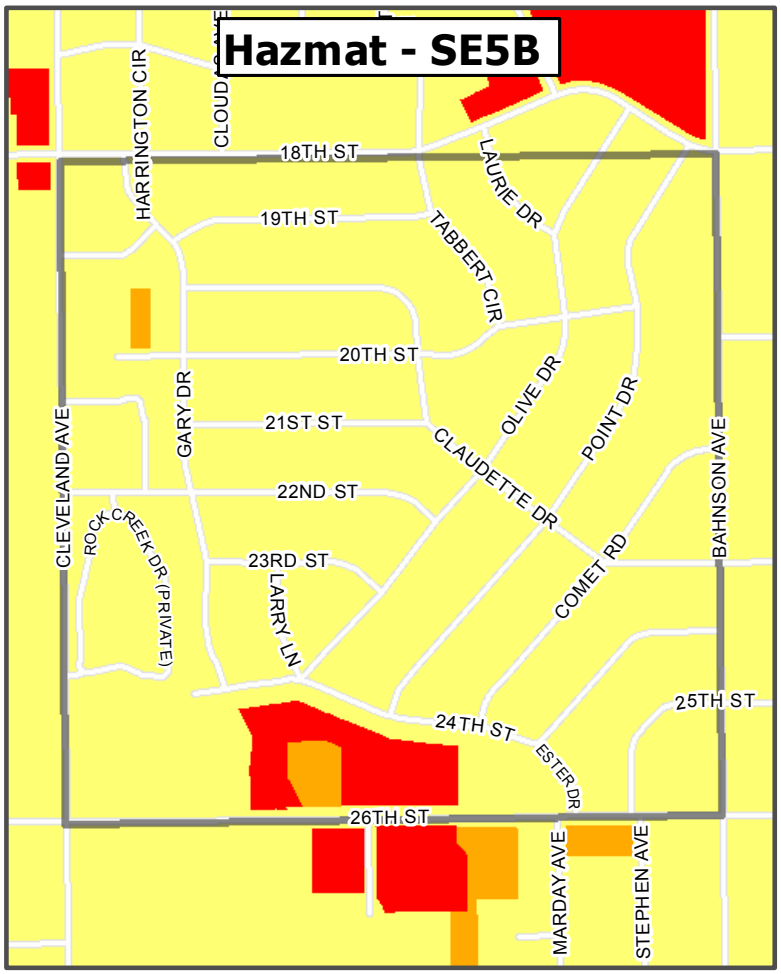
1 percent Annual Chance

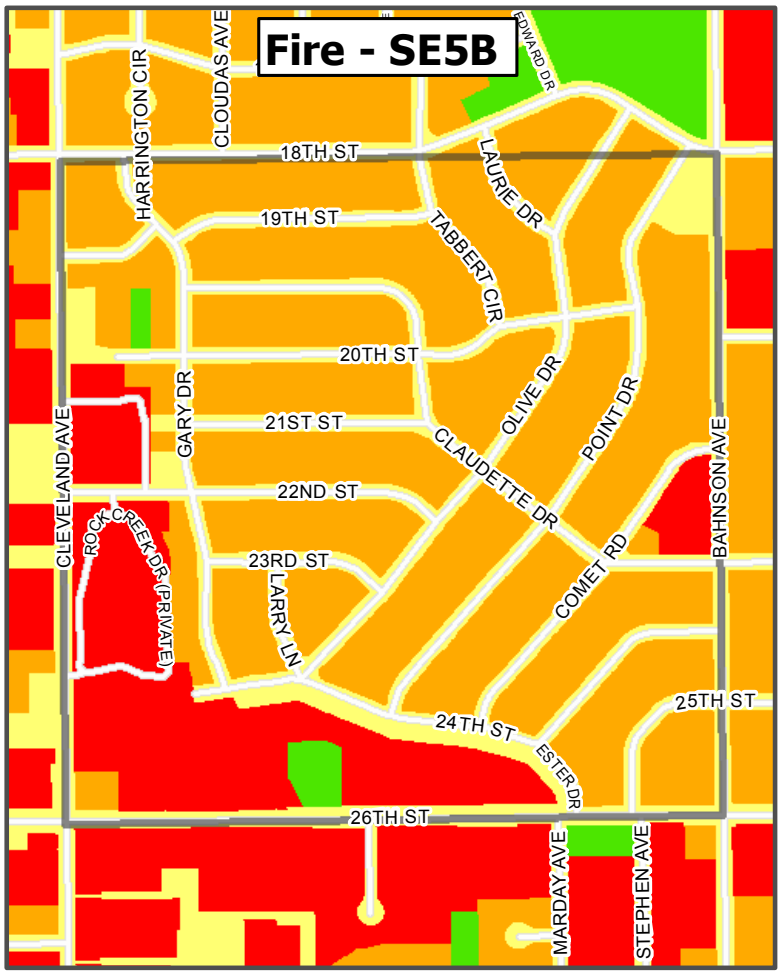







Low | Moderate | High | Special

1 inch = 774 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5C

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 1 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 40 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE5C

Fire

Rescue

HazMat

EMS

SUB Substation

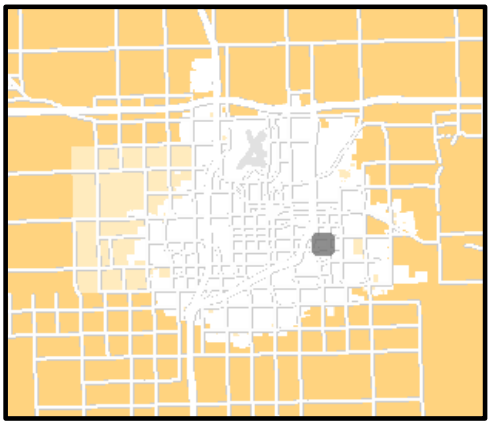
Transmission Line

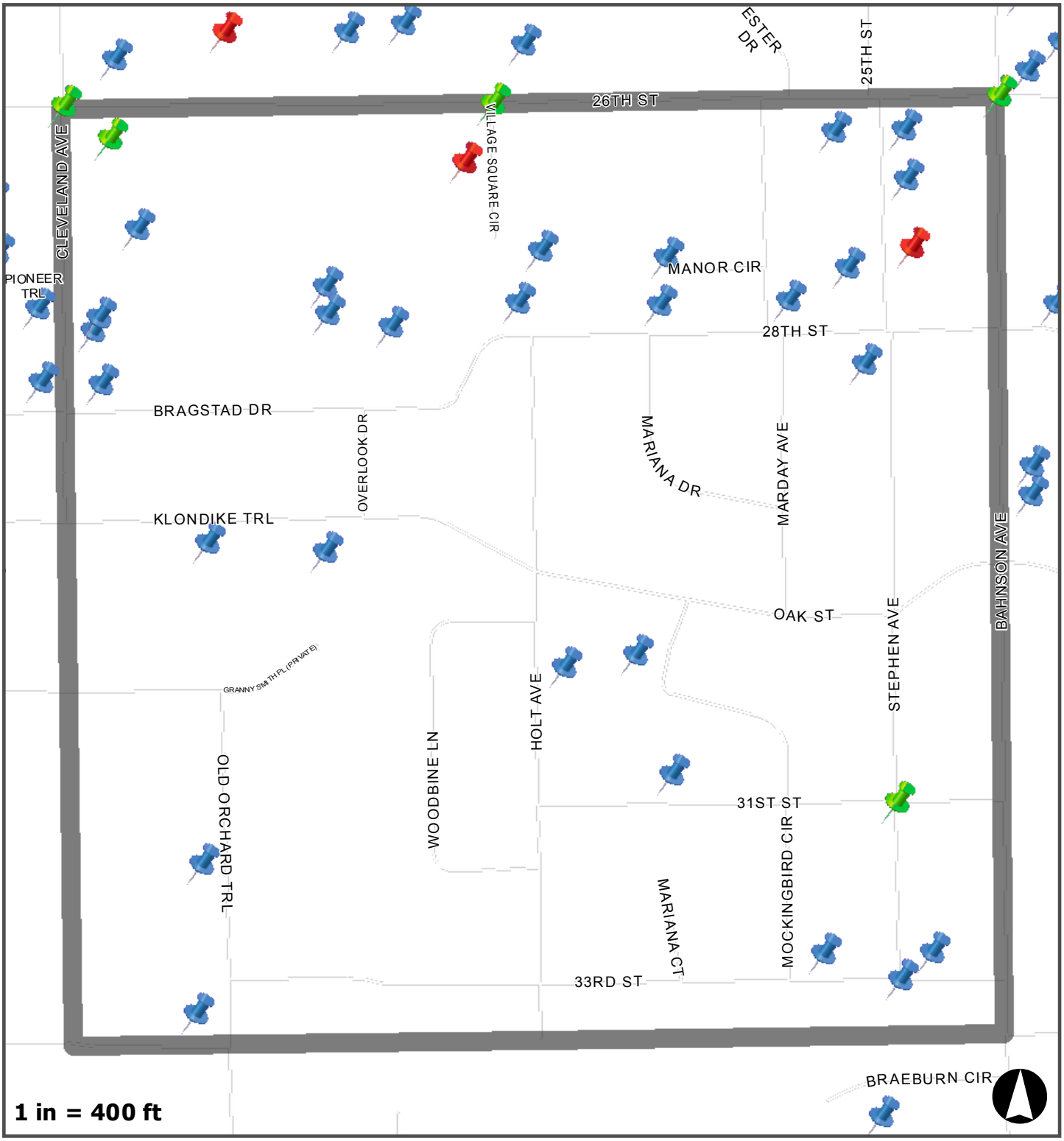
Major Gas Line

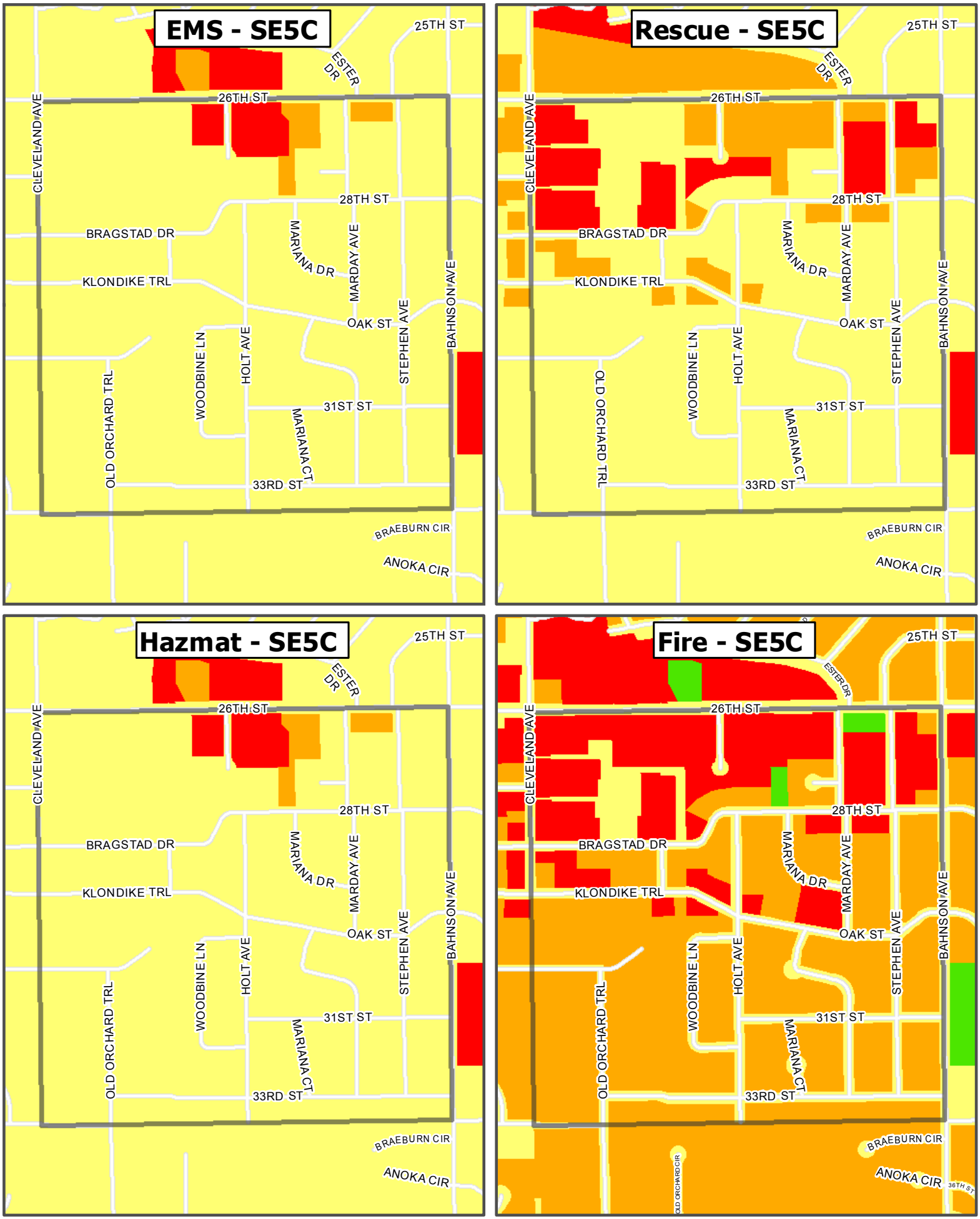
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






EMS - SE5C
Rescue - SE5C
Hazmat - SE5C
Fire - SE5C
25TH ST
26TH ST
28TH ST
31ST ST
33RD ST
36TH ST
ESTER DR
CLEVELAND AVE
BRAGSTAD DR
KLONDIKE TRL
MARIANA DR
MARDAY AVE
BAHNSON AVE
OAK ST
STEPHEN AVE
HOLT AVE
WOODBINE LN
OLD ORCHARD TRL
MARIANA CT
OLD ORCHARD CIR
BRAEBURN CIR
ANOKA CIR
Low
Moderate
High
Special
1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 9 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail line intersects this quadrant | | |

# SE5D

Fire

Rescue

HazMat

EMS

SUB Substation

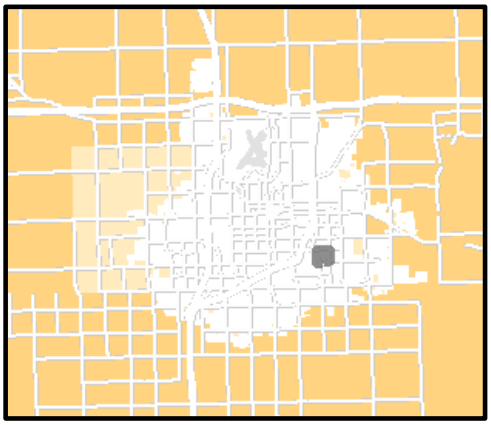
Transmission Line

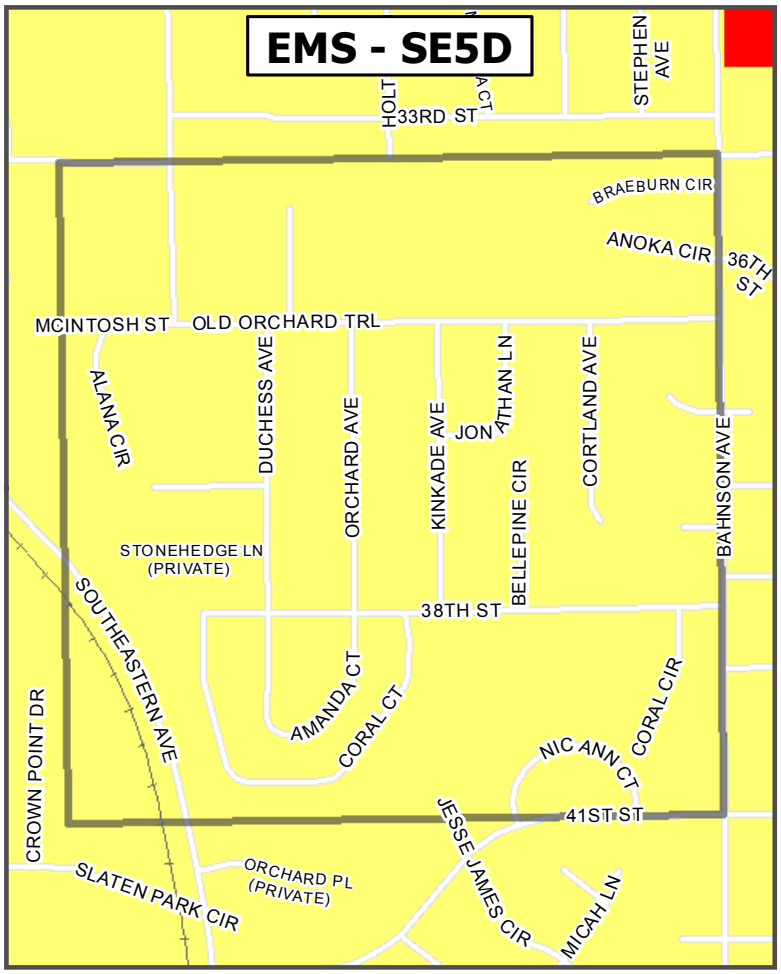
Major Gas Line

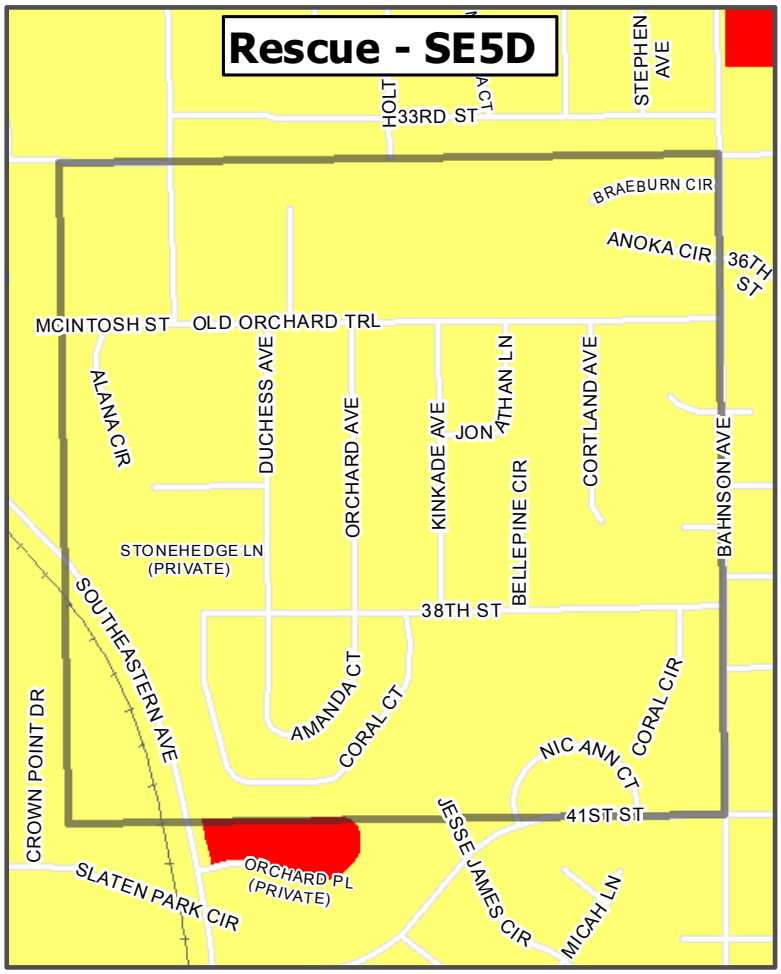
Floodplain

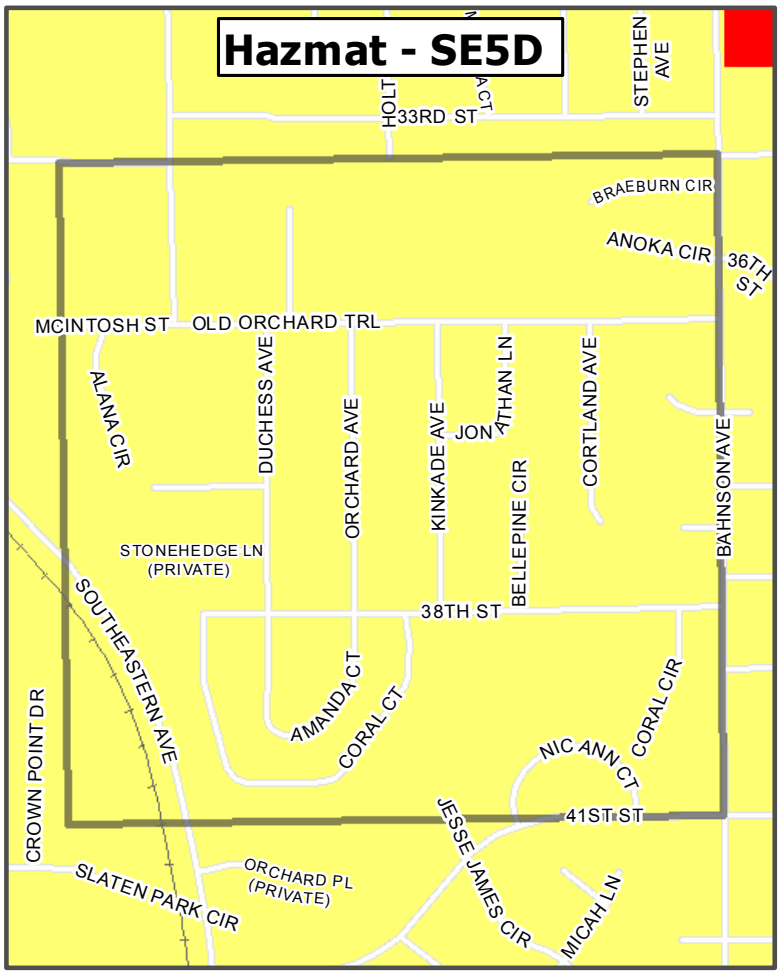
0.2 percent Annual Chance

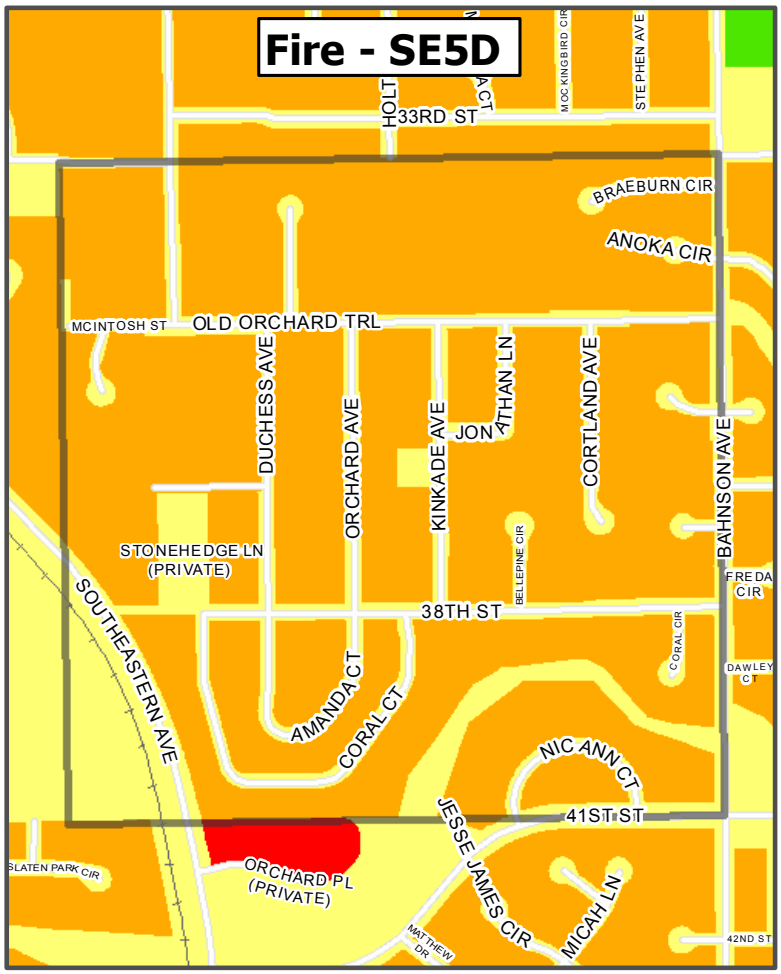
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 7 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail line intersects this quadrant | | |

# SE5E

Fire

Rescue

HazMat

EMS

SUB Substation

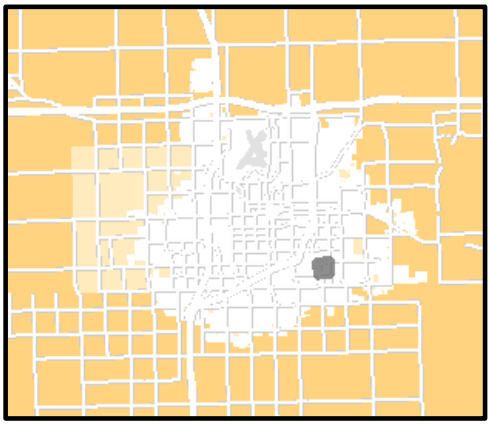
Transmission Line

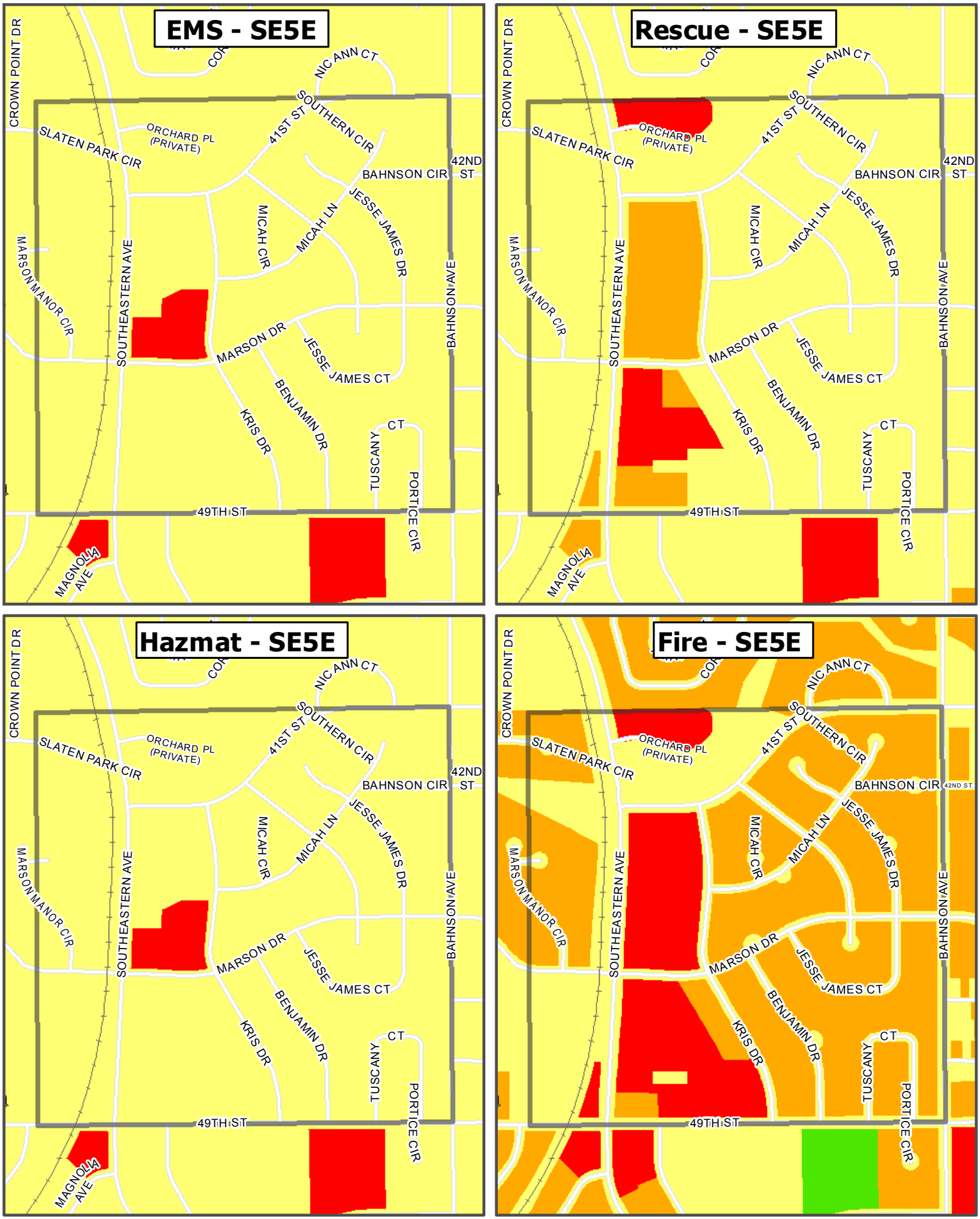
Major Gas Line

Floodplain

0.2 percent Annual Chance

1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 762 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 1 |
| Miscellaneous | 1 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 28 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Moderate | Moderate | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Rail line intersects this quadrant | | |
| OAKWOOD ASSISTED LIVING | Type 1 | Nursing Home |
| LAUREL OAK APTS WEST | Type 1 | Nursing Home |
| JOHN HARRIS ELEMENTARY | Type 1 | School |
| HOLY SPIRIT SCHOOL | Type 1 | School |
| GOOD SHEPHERD SCHOOLCHURCH | Type 1 | School |

# SE5F

Fire

Rescue

HazMat

EMS

SUB Substation

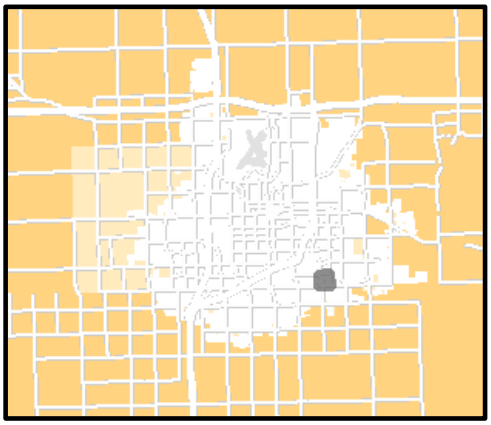
Transmission Line

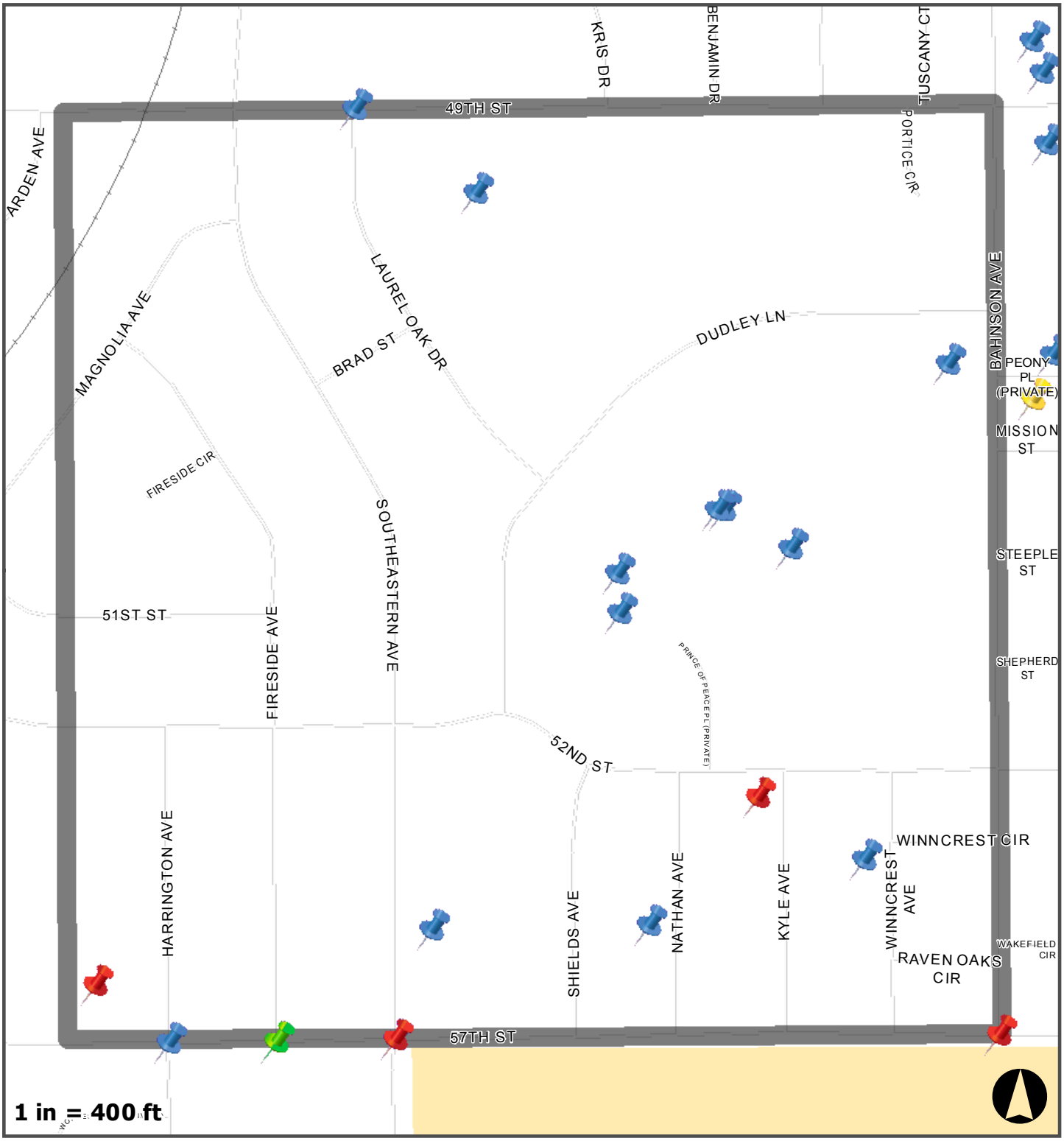
Major Gas Line

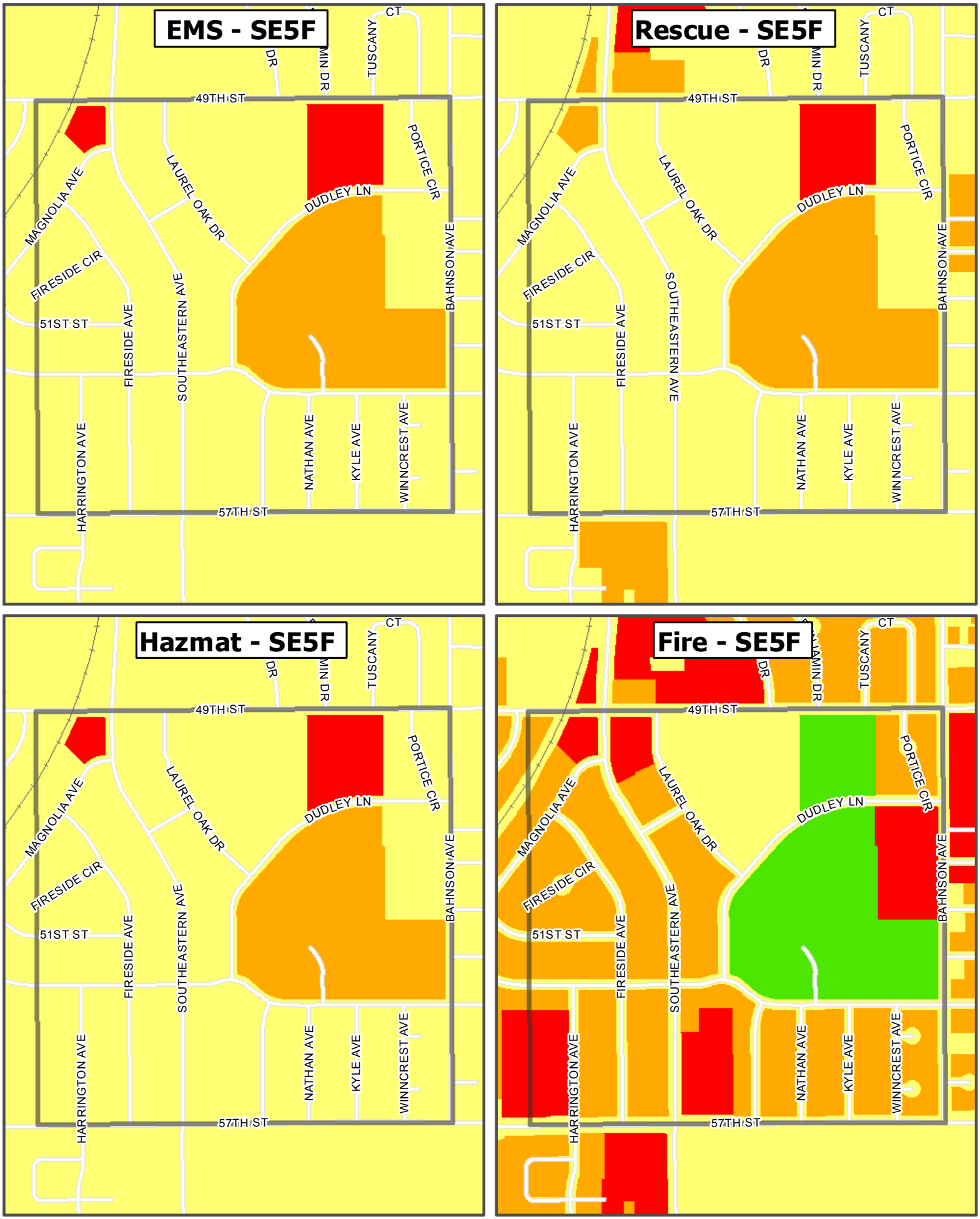
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance








Low | Moderate | High | Special

1 inch = 762 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 4 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE5G

Fire

Rescue

HazMat

EMS

SUB Substation

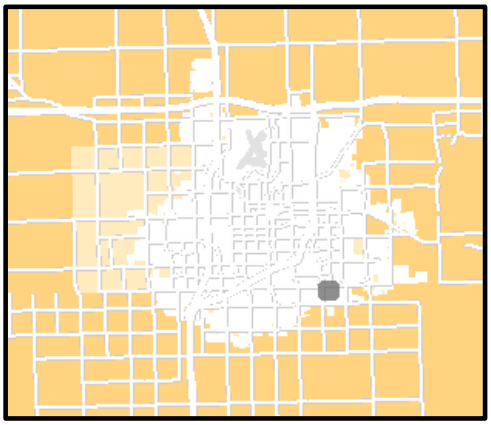
Transmission Line

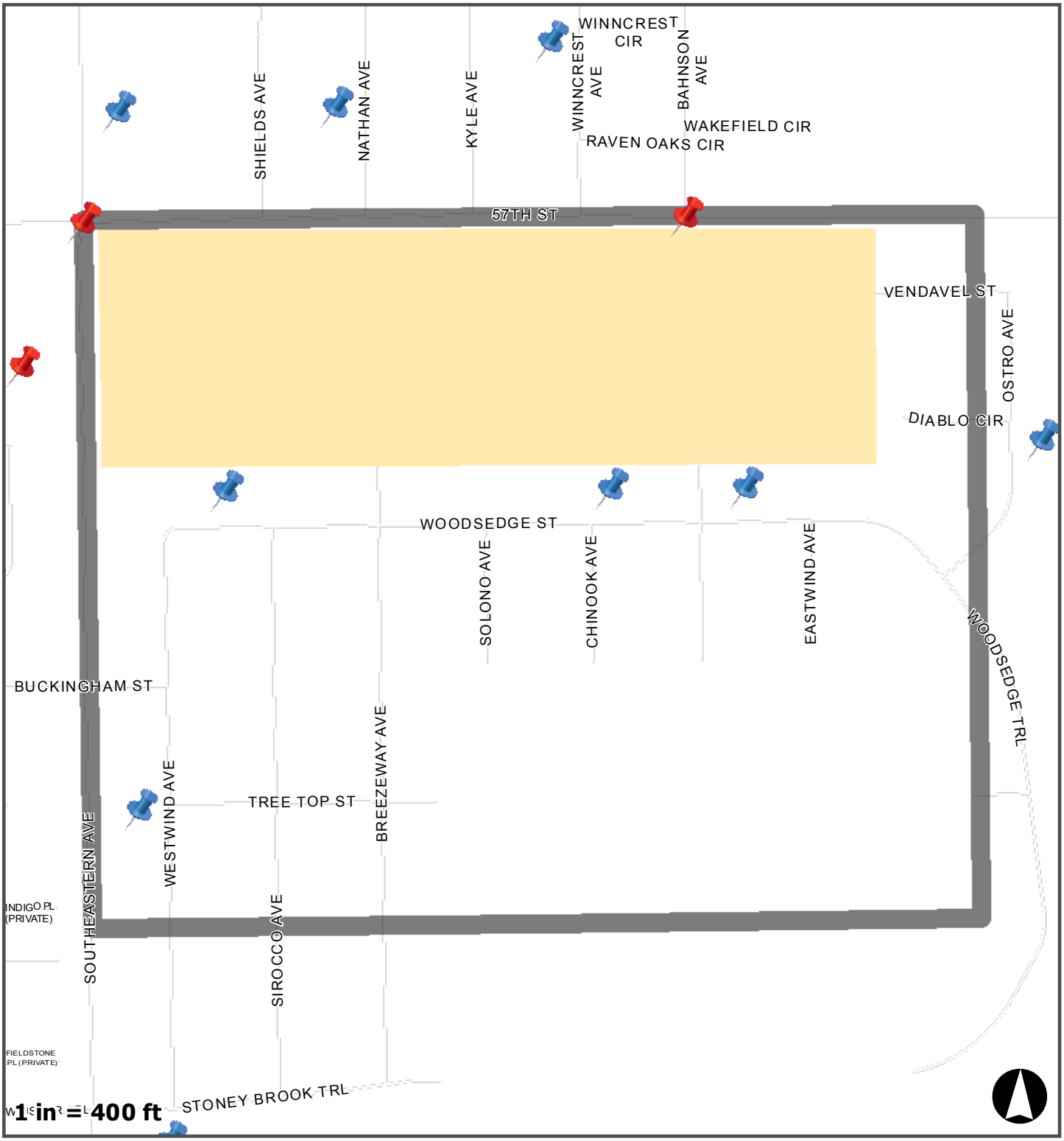
Major Gas Line

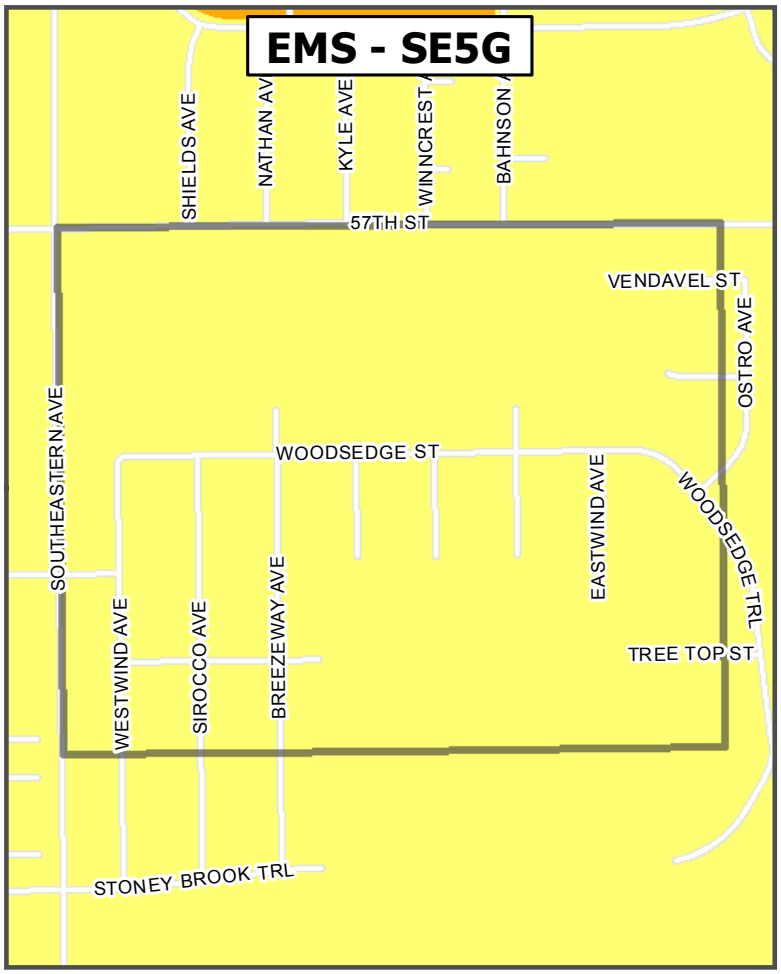
Floodplain

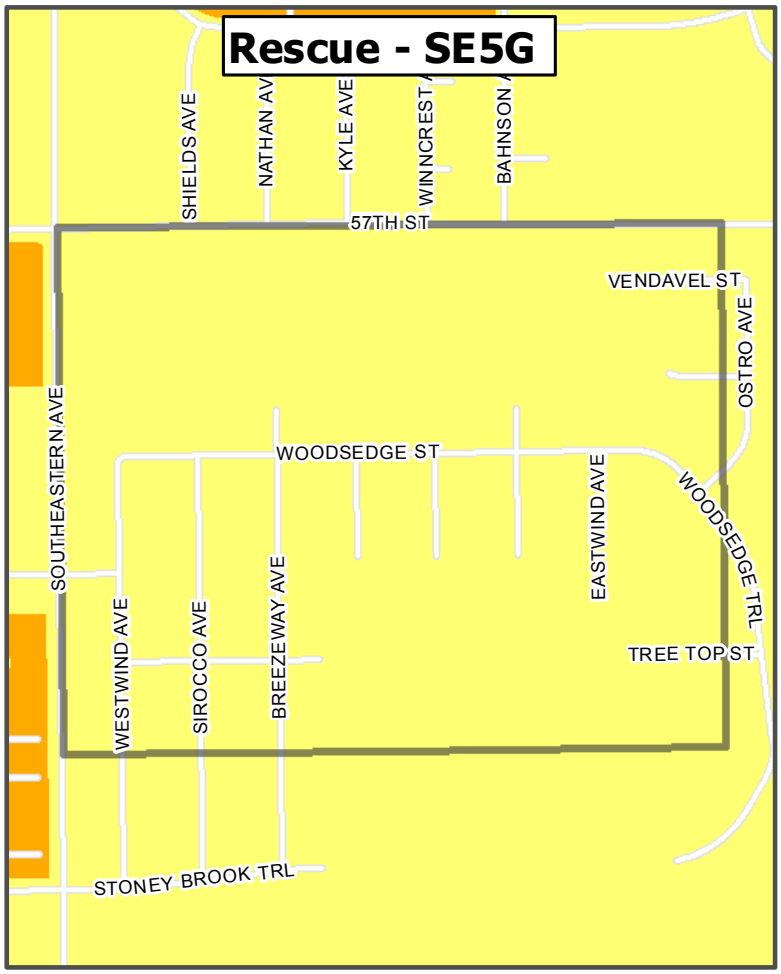
0.2 percent Annual Chance

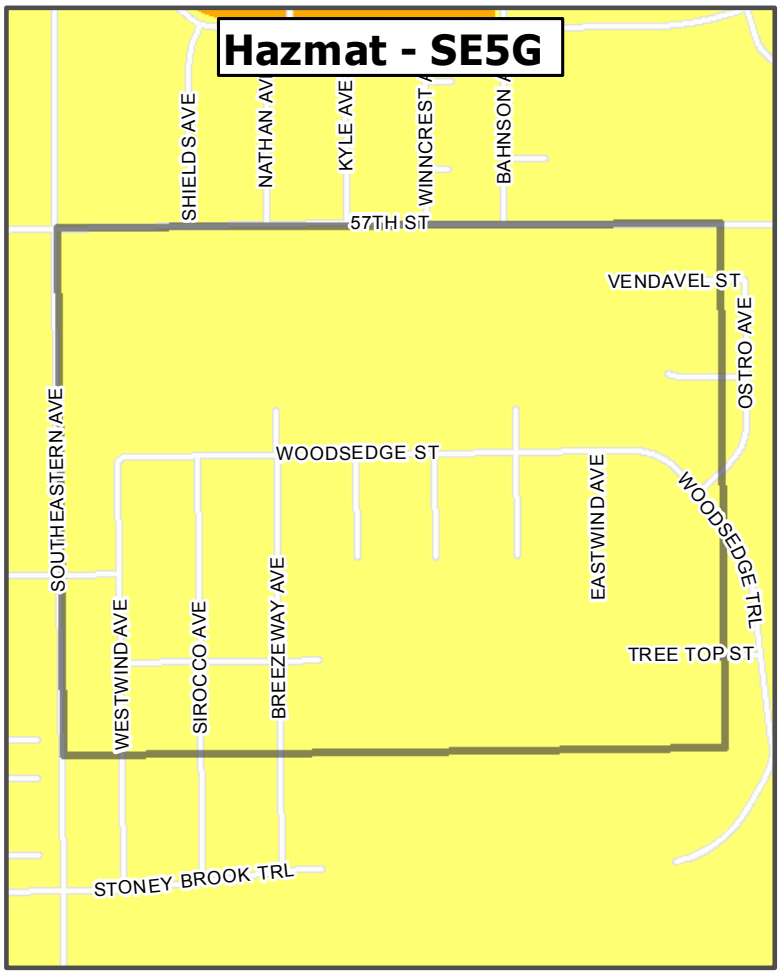
1 percent Annual Chance

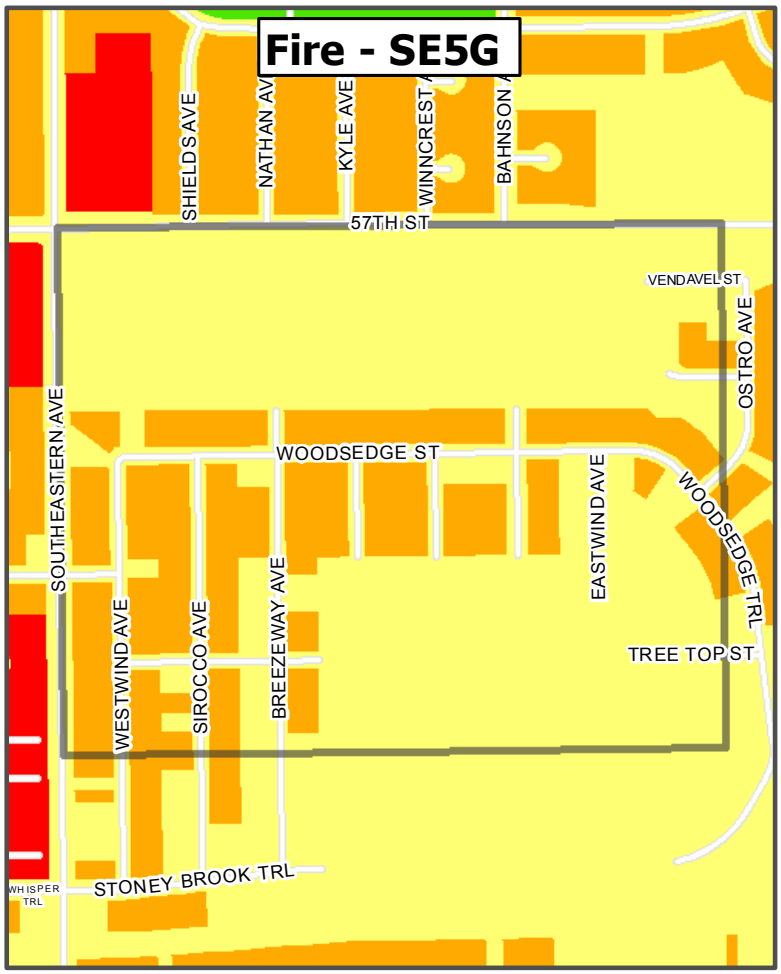







Low | Moderate | High | Special

1 inch = 730 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 1 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE5H

Fire

Rescue

HazMat

EMS

SUB Substation

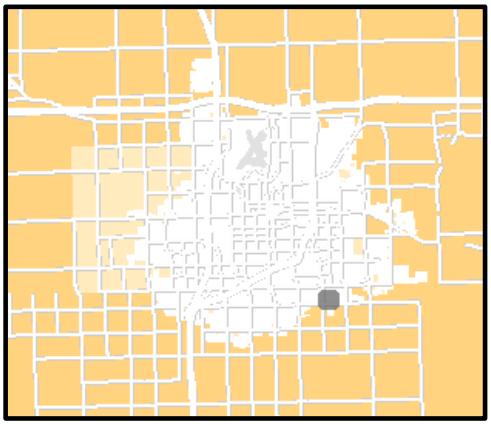
Transmission Line

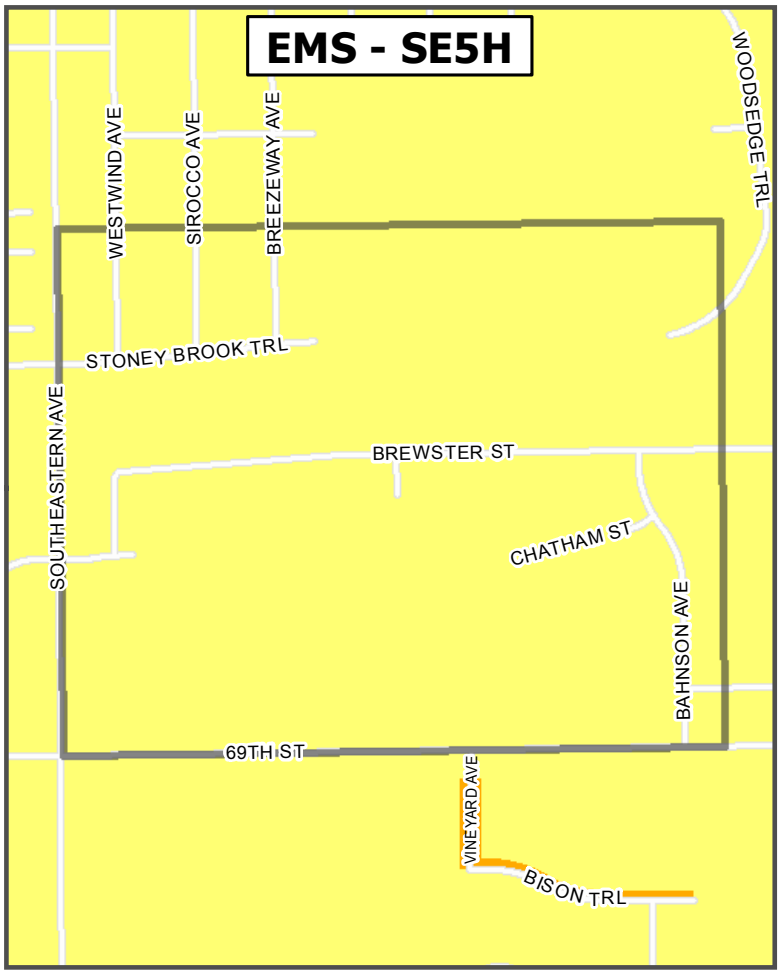
Major Gas Line

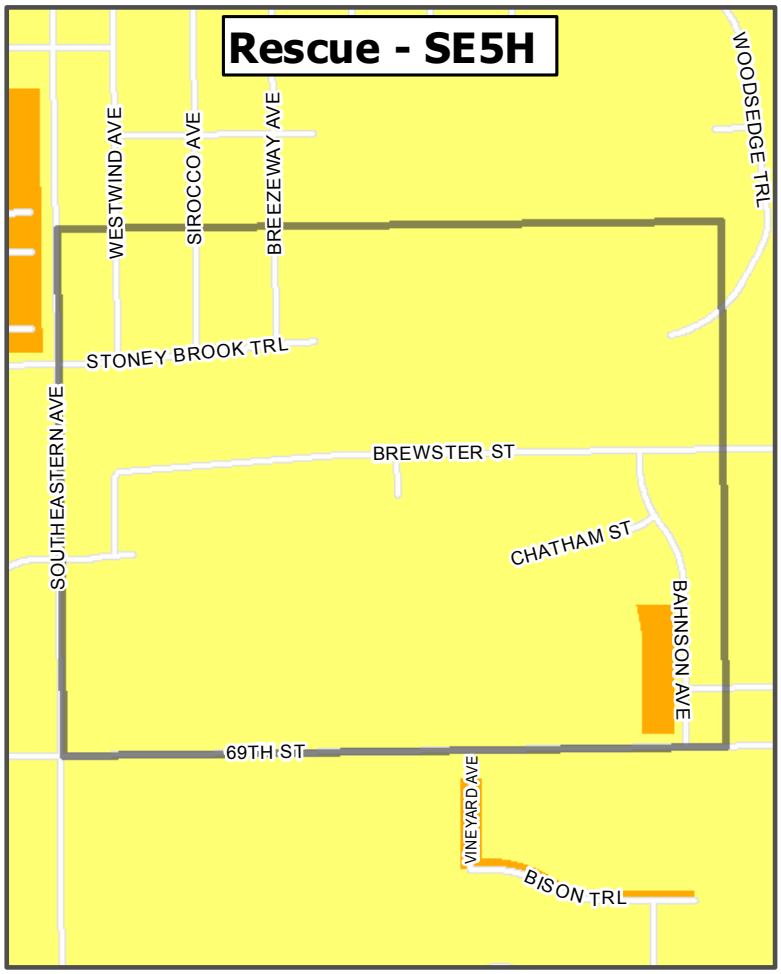
Floodplain

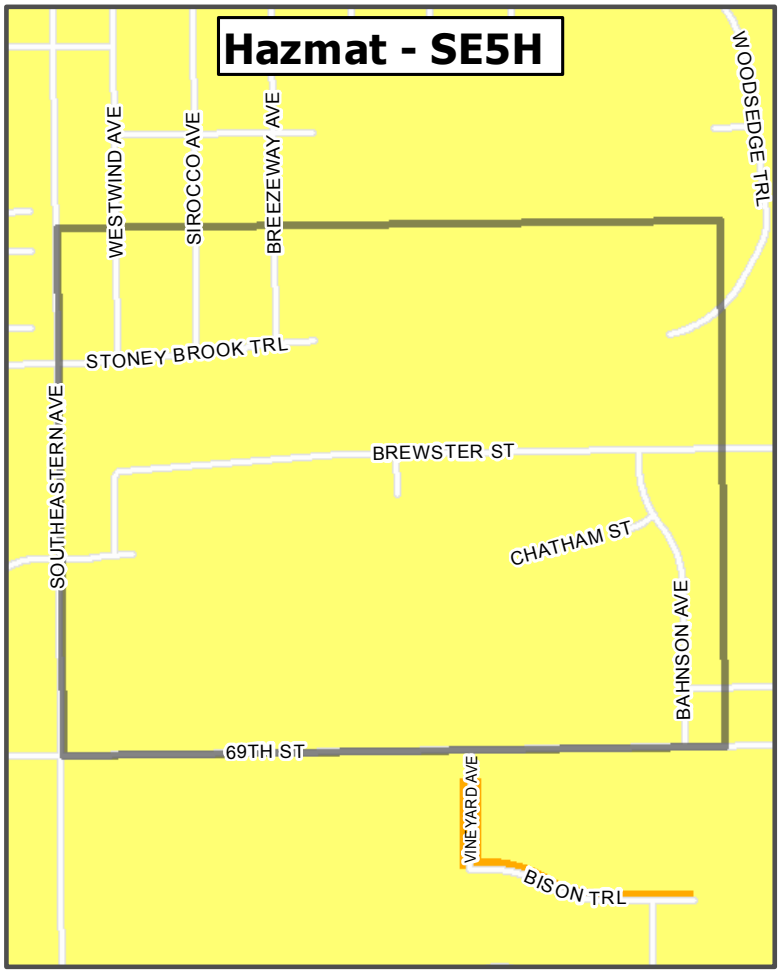
0.2 percent Annual Chance

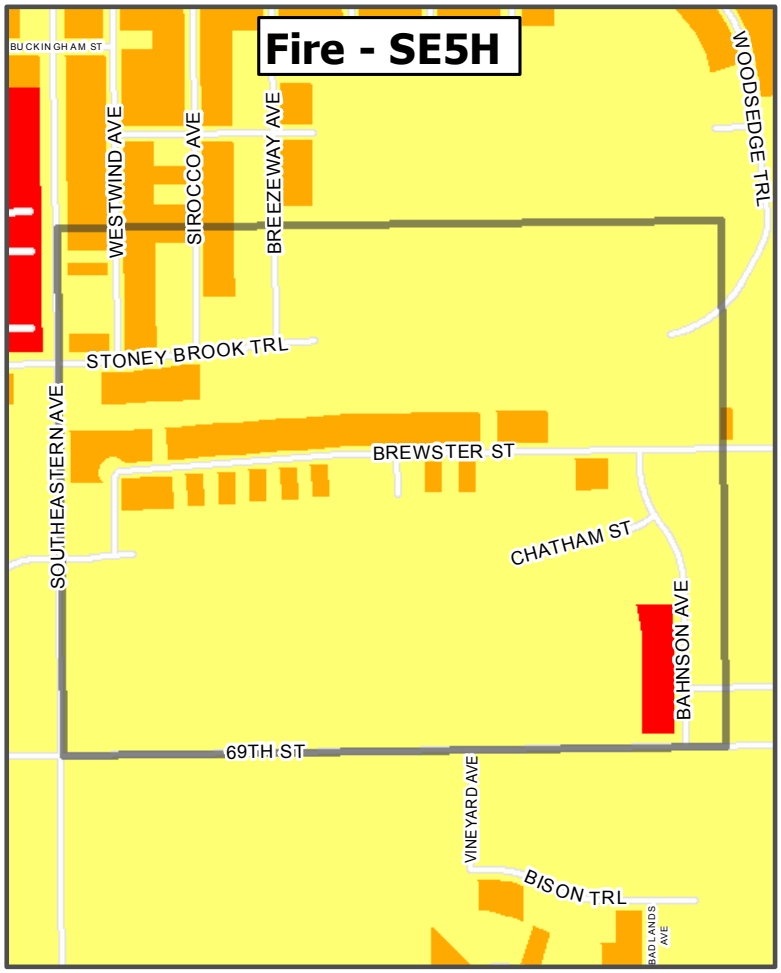
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 729 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 5I

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE5I

Fire

Rescue

HazMat

EMS

SUB Substation

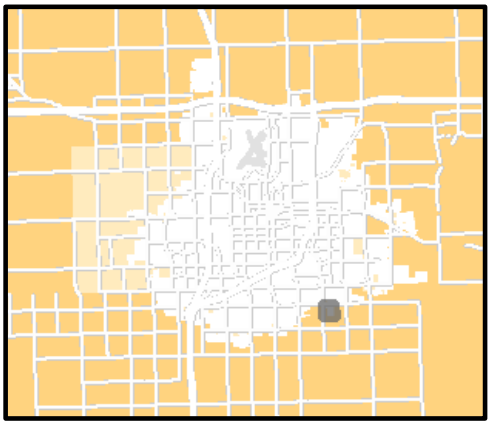
Transmission Line

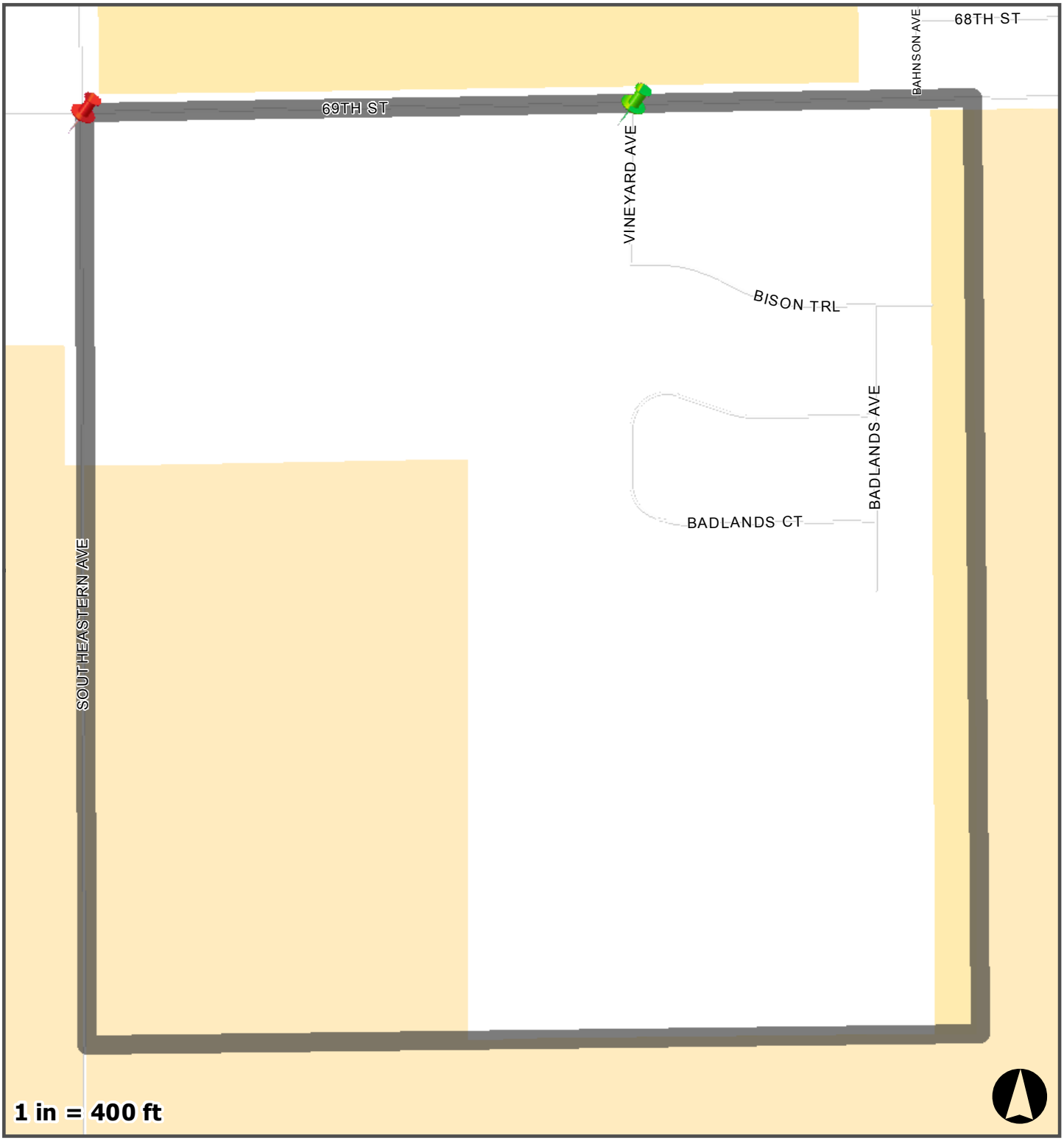
Major Gas Line

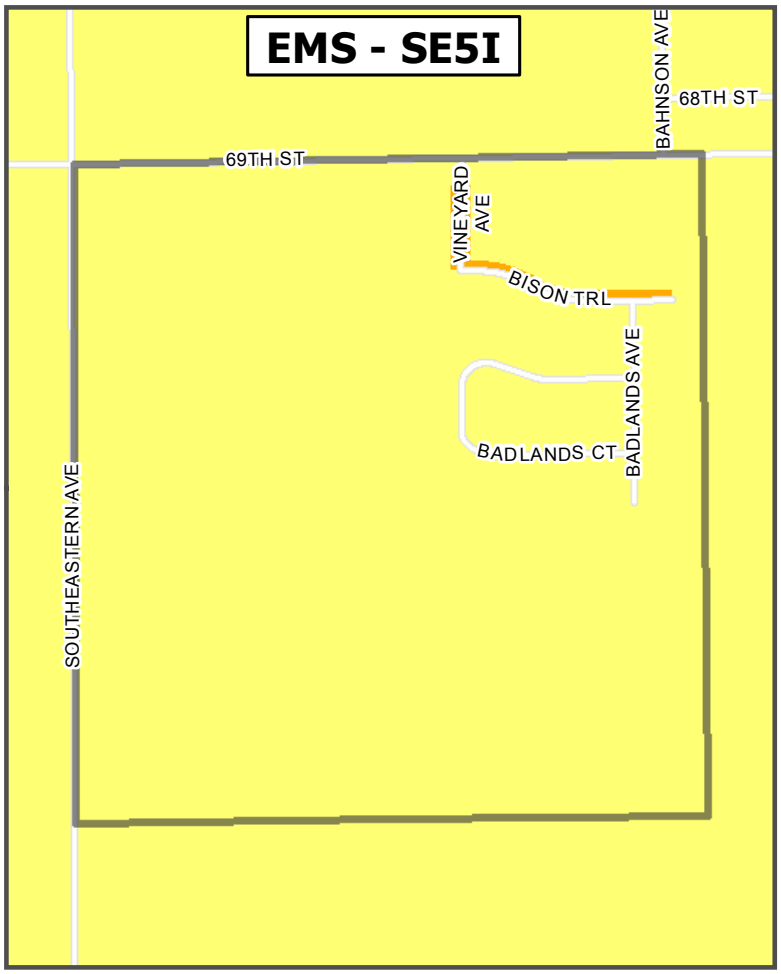
Floodplain

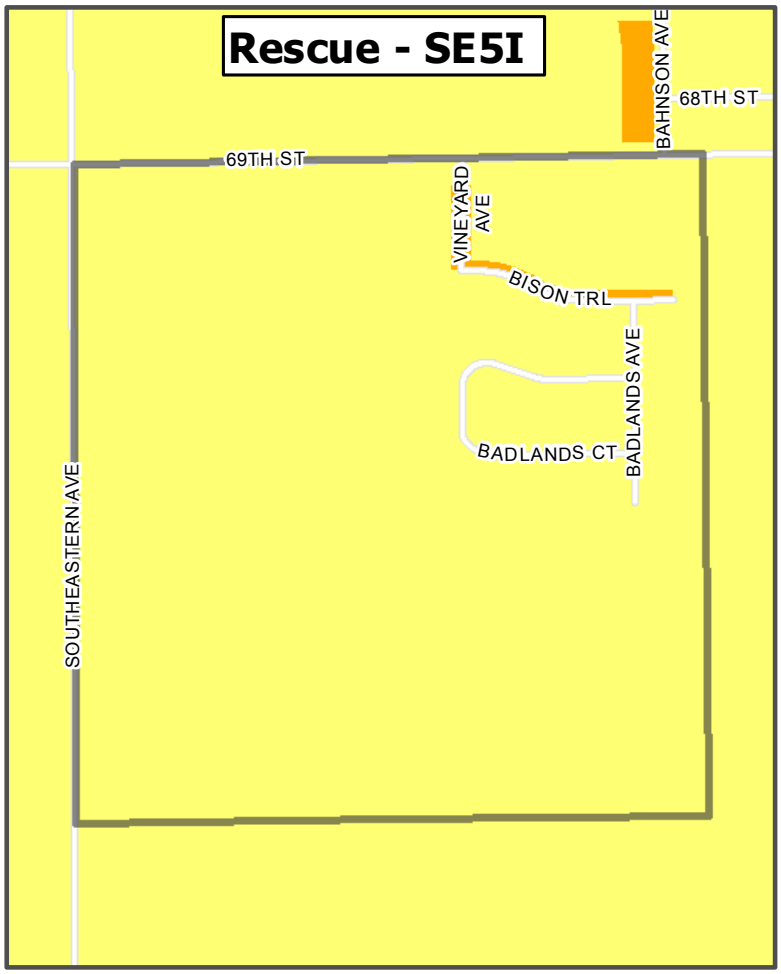
0.2 percent Annual Chance

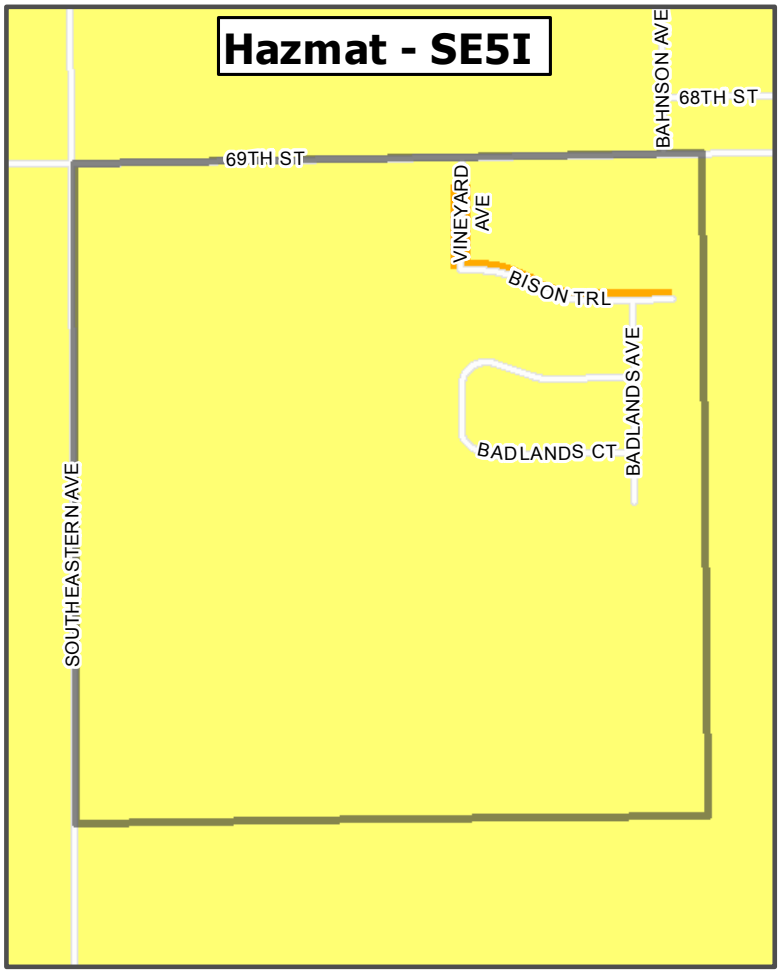
1 percent Annual Chance

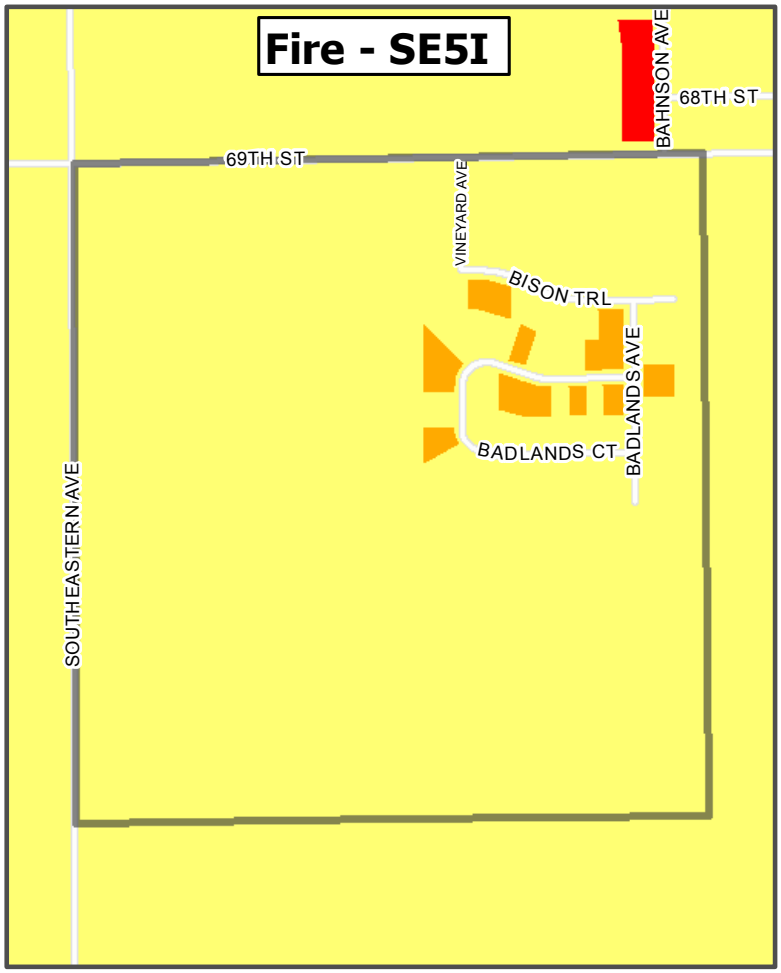







Low | Moderate | High | Special

1 inch = 768 feet

# SE5J

Fire

Rescue

HazMat

EMS

SUB Substation

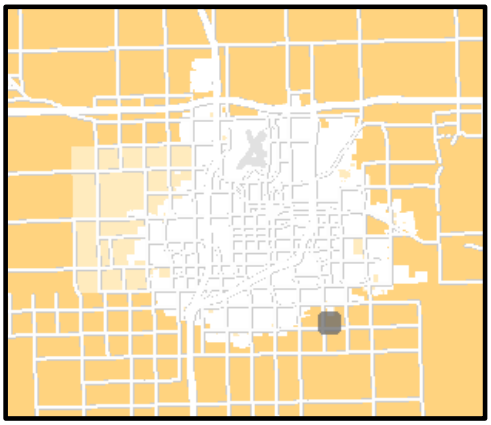
Transmission Line

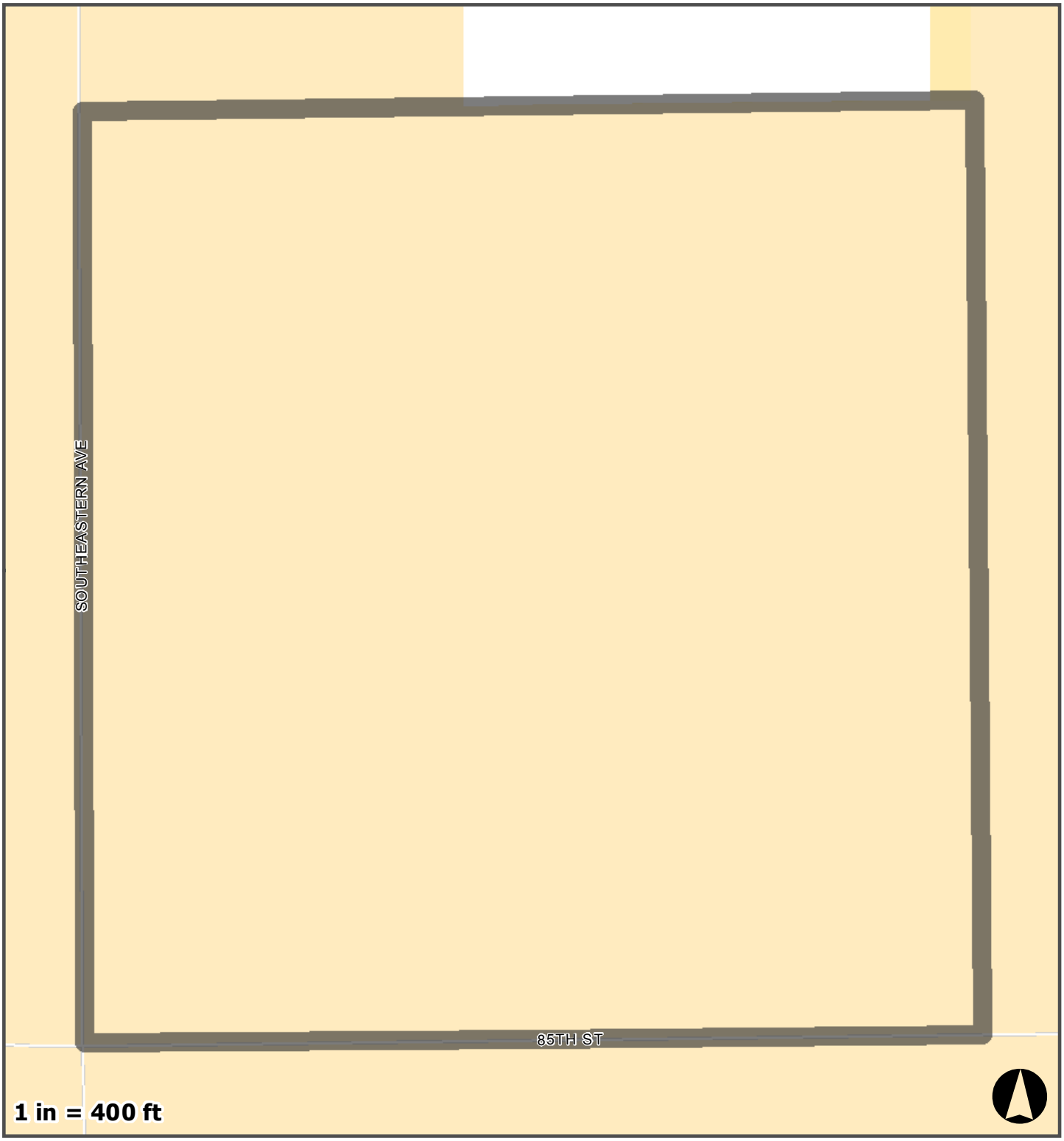
Major Gas Line

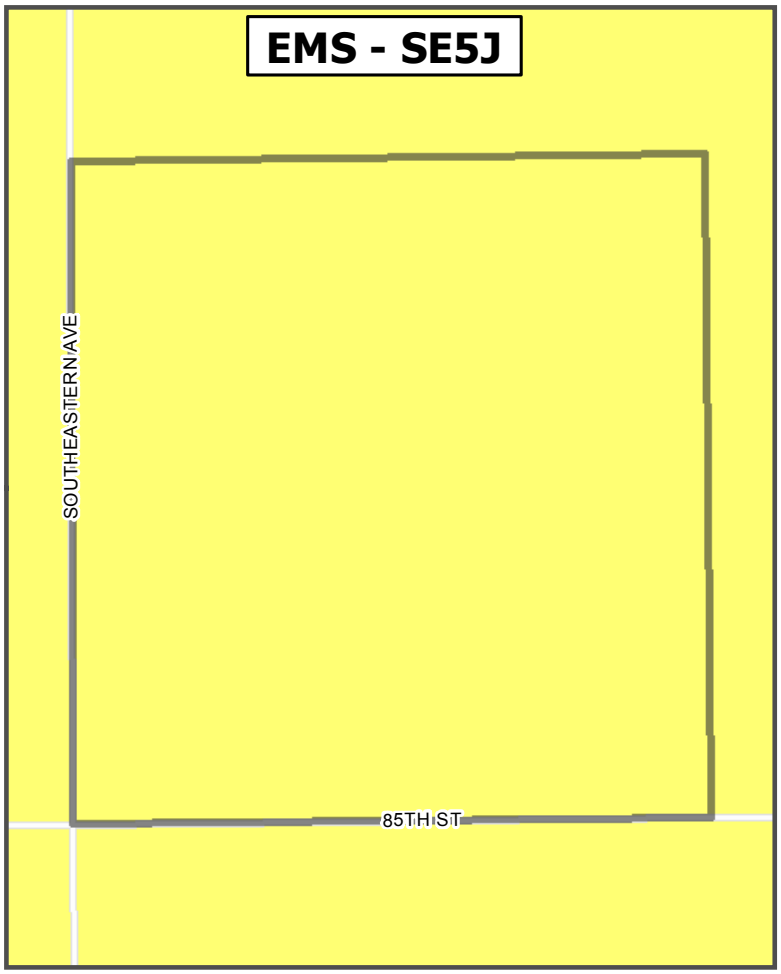
Floodplain

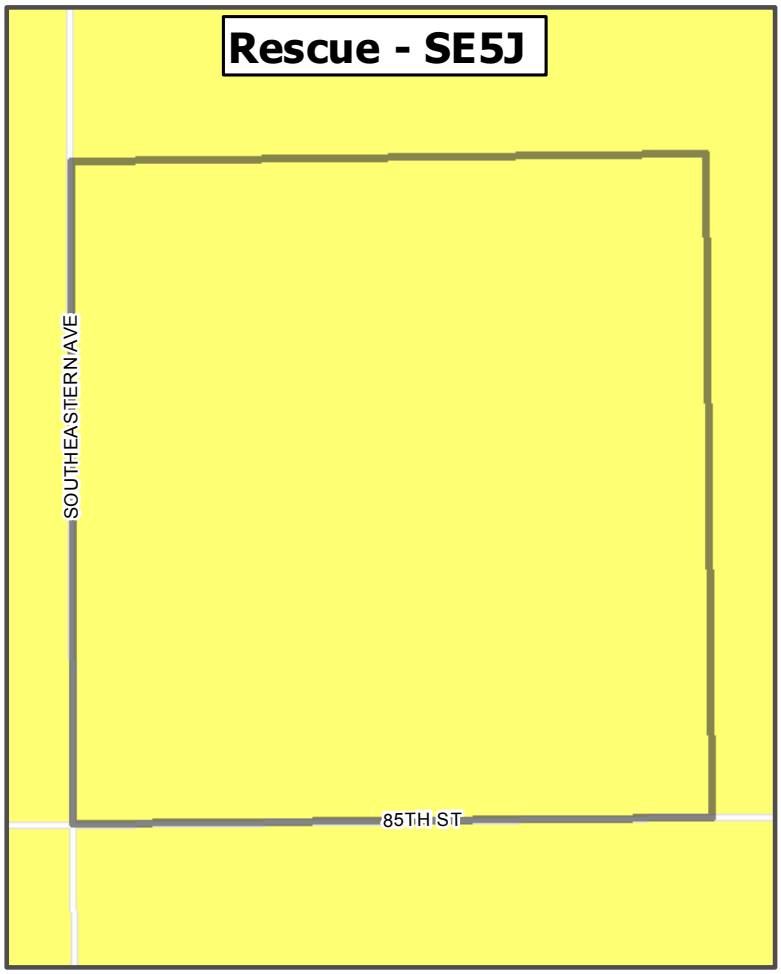
0.2 percent Annual Chance

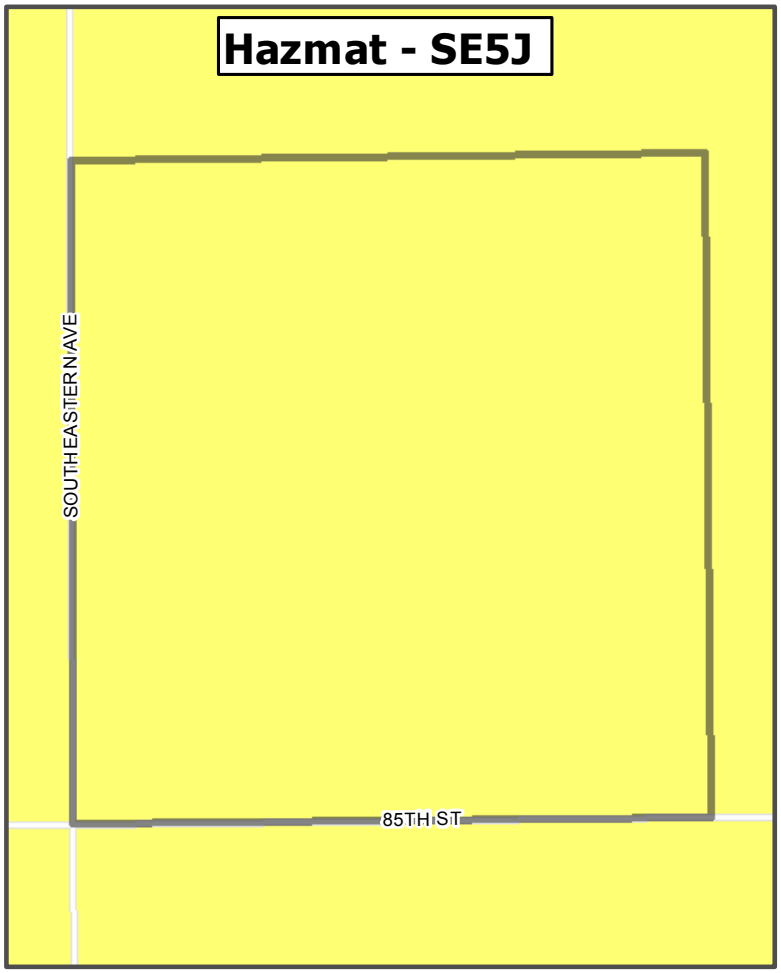
1 percent Annual Chance

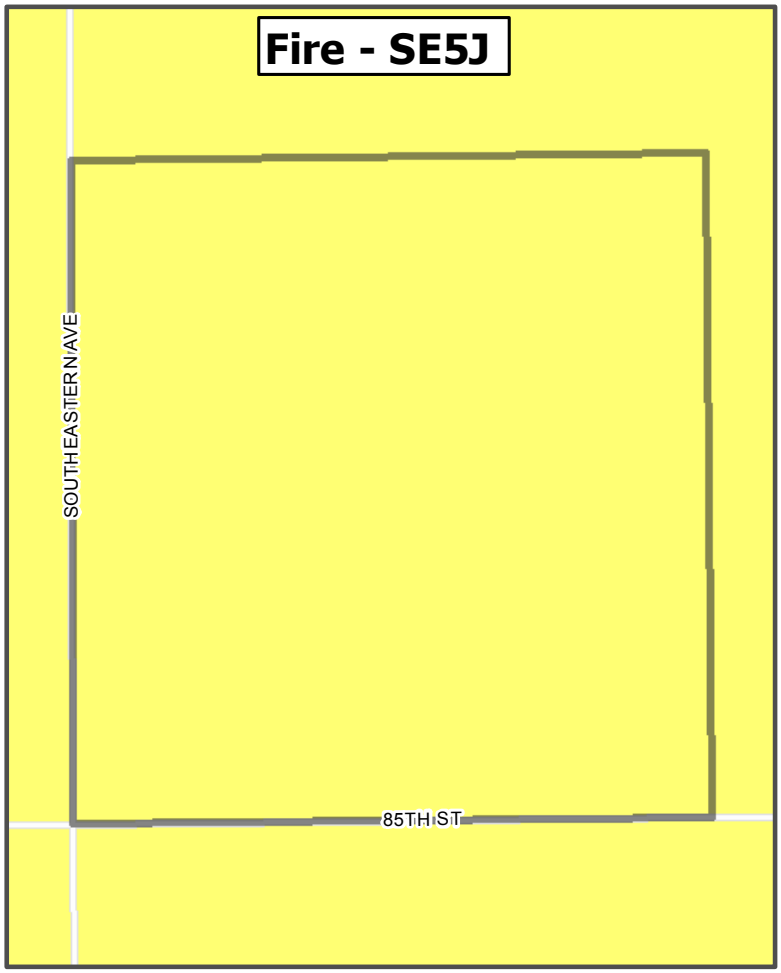







Low | Moderate | High | Special

1 inch = 766 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6A

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 1 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 61 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| ST LAMBERT'S CHURCH - SCHOOL | Type 1 | School |

# SE6A

Fire

Rescue

HazMat

EMS

SUB Substation

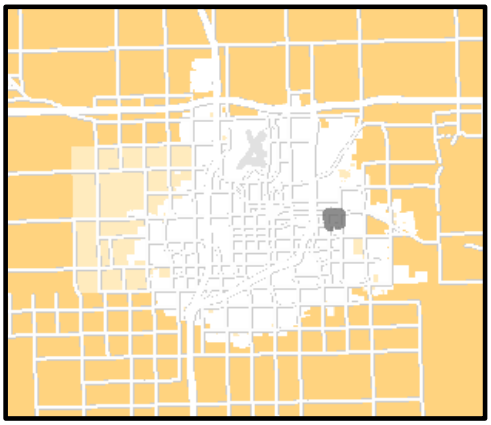
Transmission Line

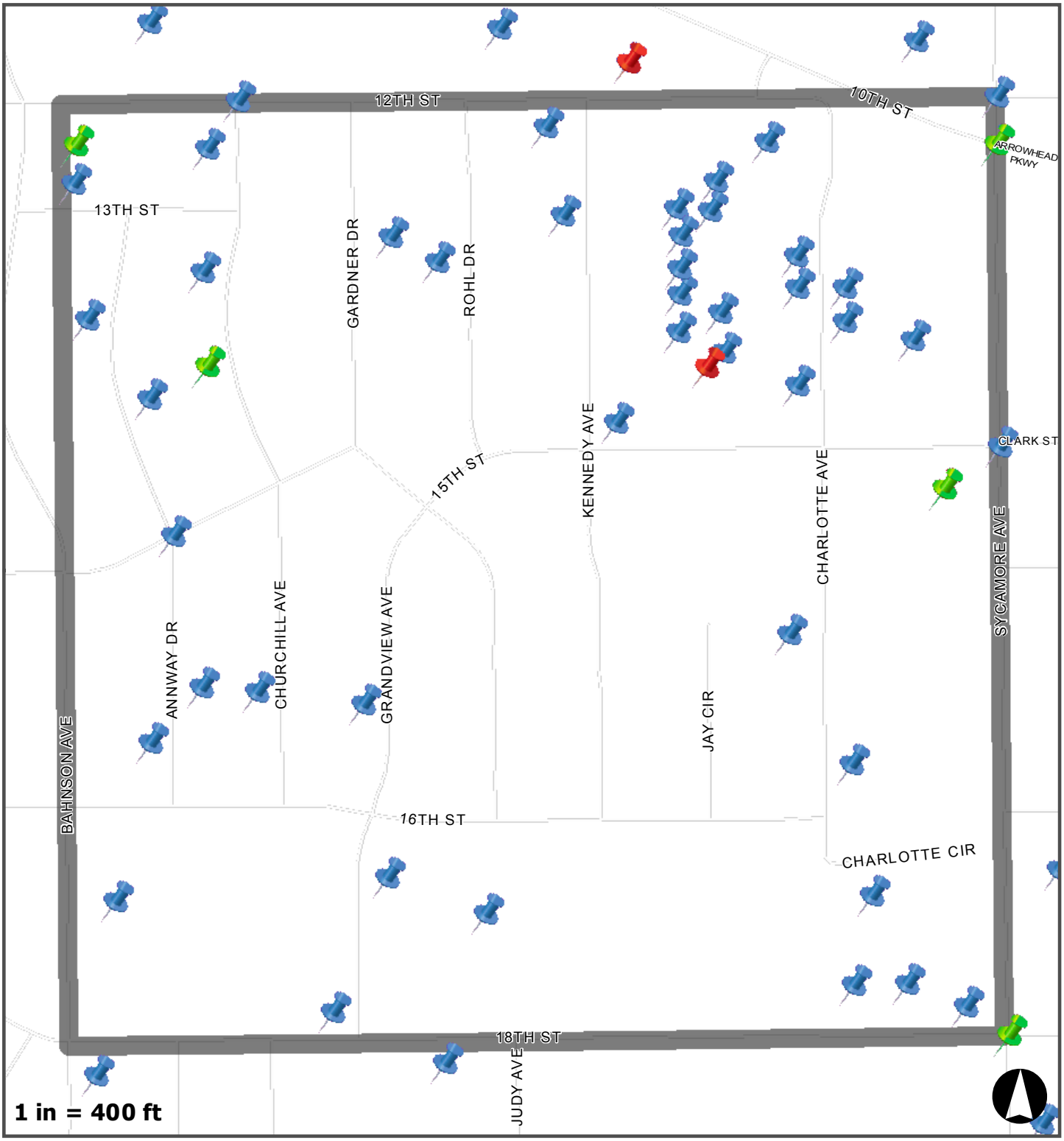
Major Gas Line

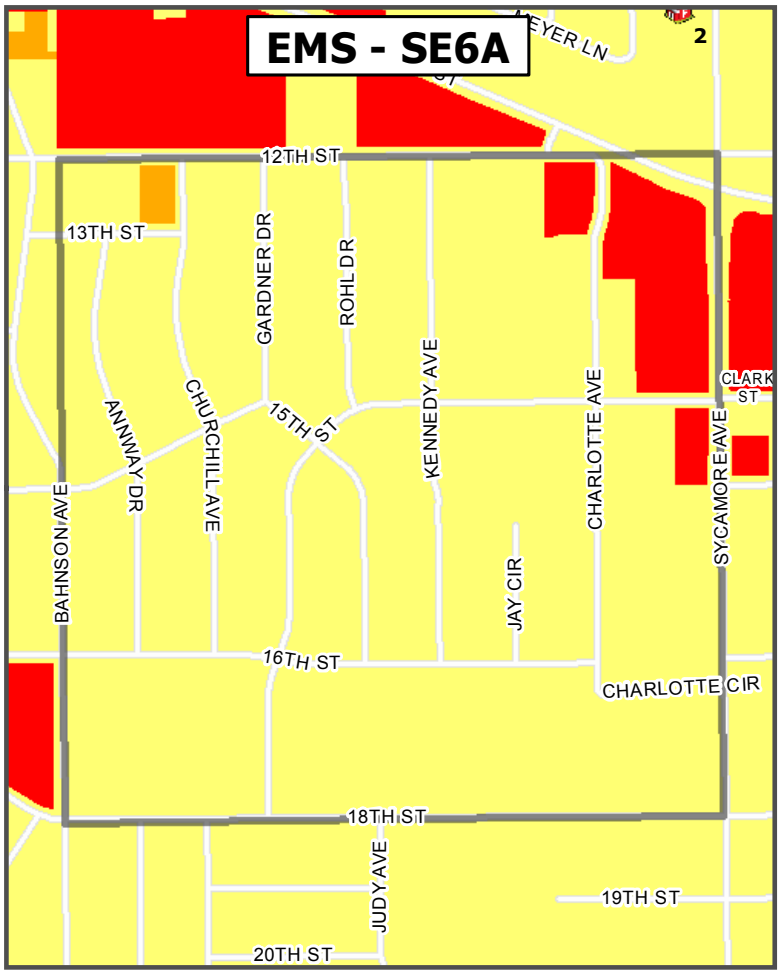
Floodplain

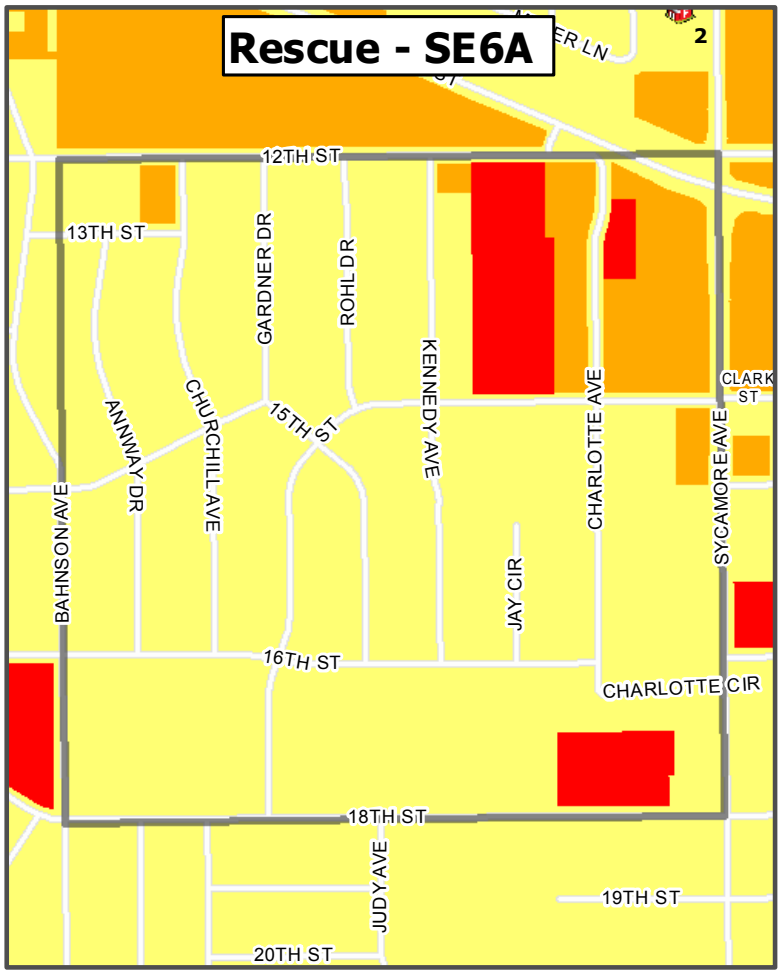
0.2 percent Annual Chance

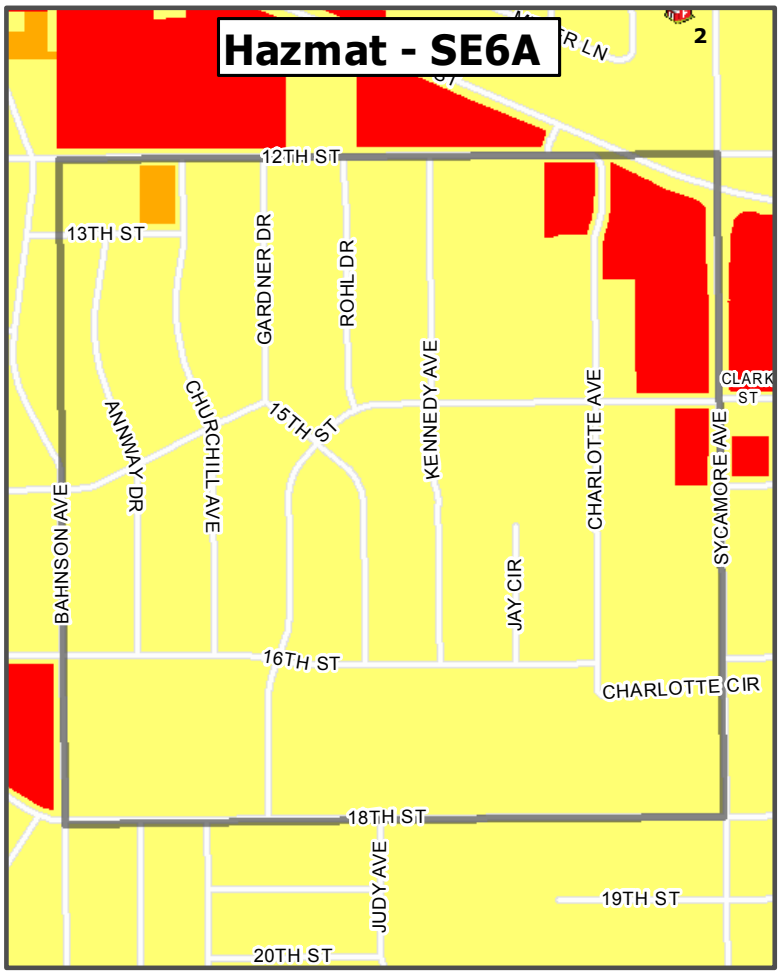
1 percent Annual Chance

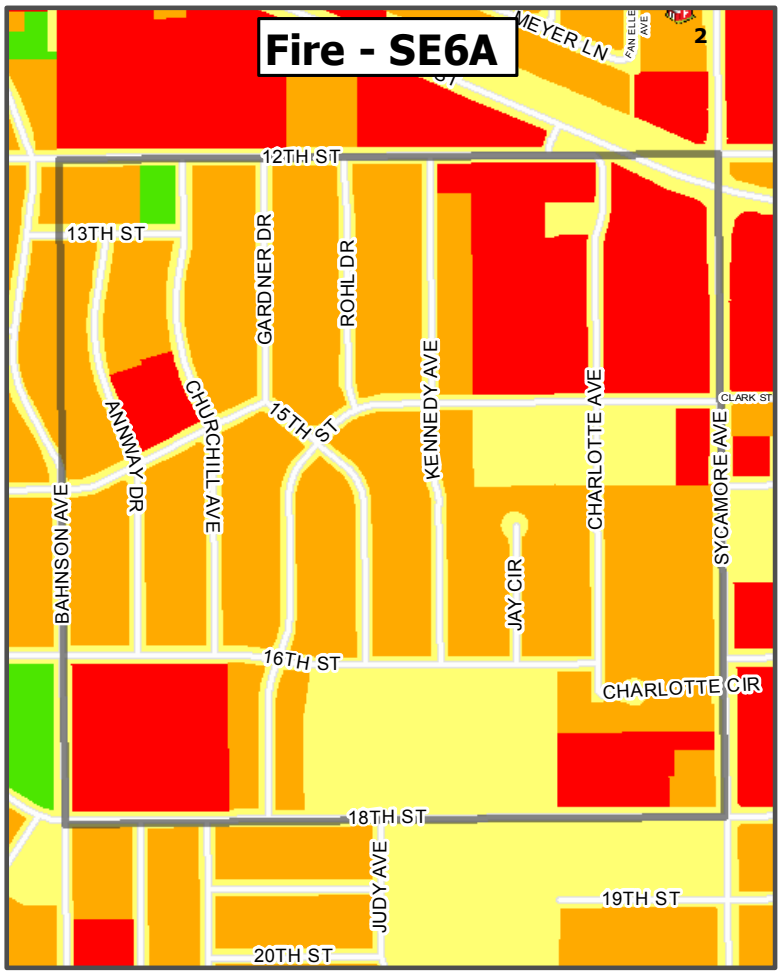







Low | Moderate | High | Special

1 inch = 771 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6B

| Frequency of Fires | |
|---|---|
| Residential | 3 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 44 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 1 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE6B

Fire

Rescue

HazMat

EMS

SUB Substation

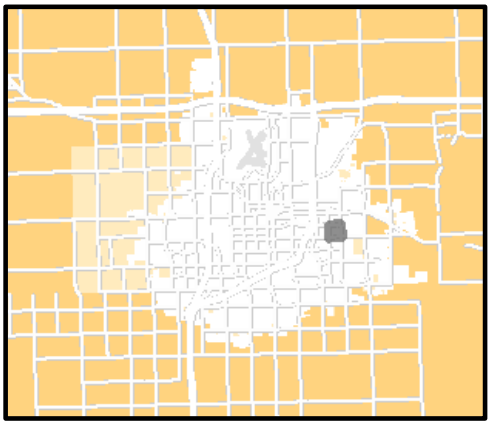
Transmission Line

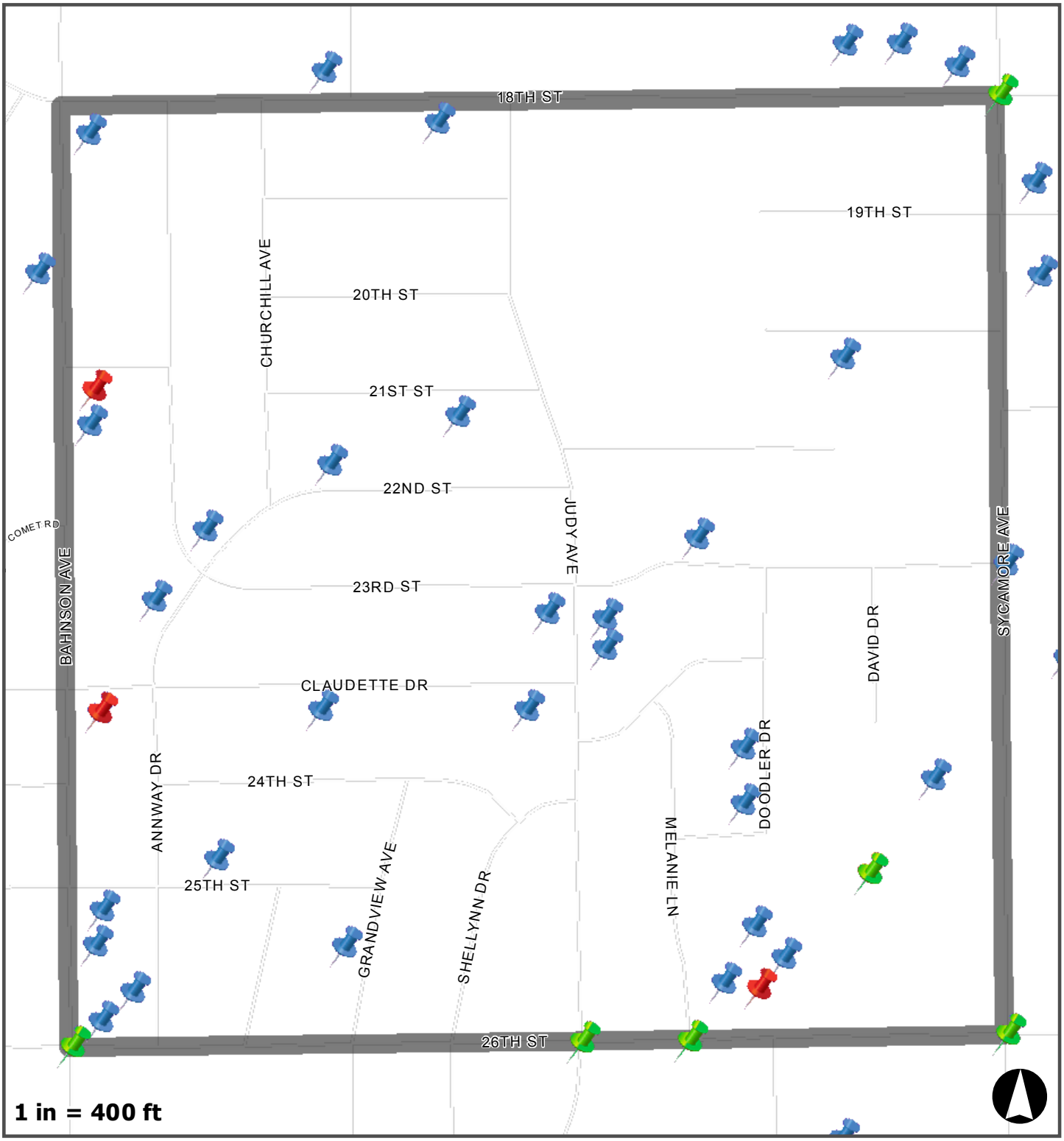
Major Gas Line

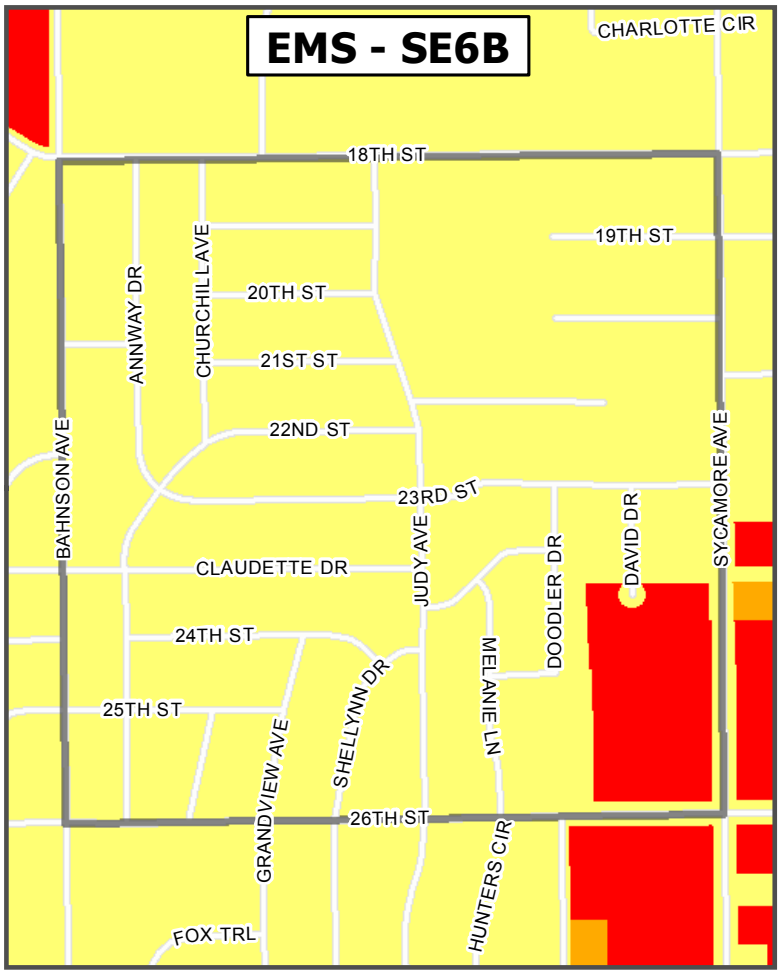
Floodplain

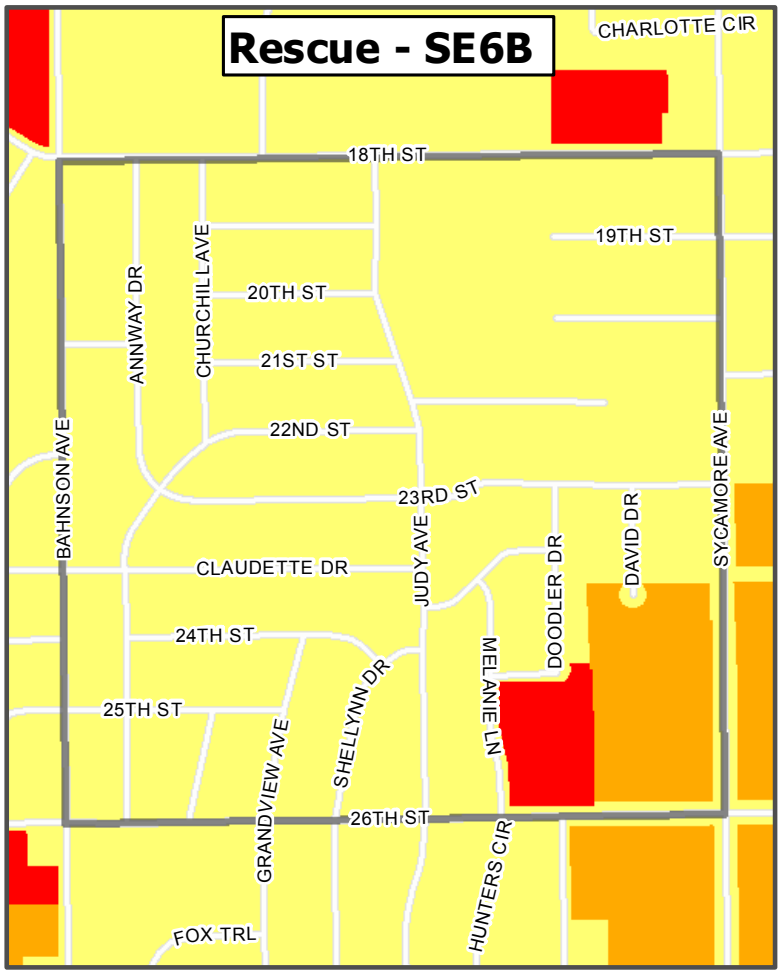
0.2 percent Annual Chance

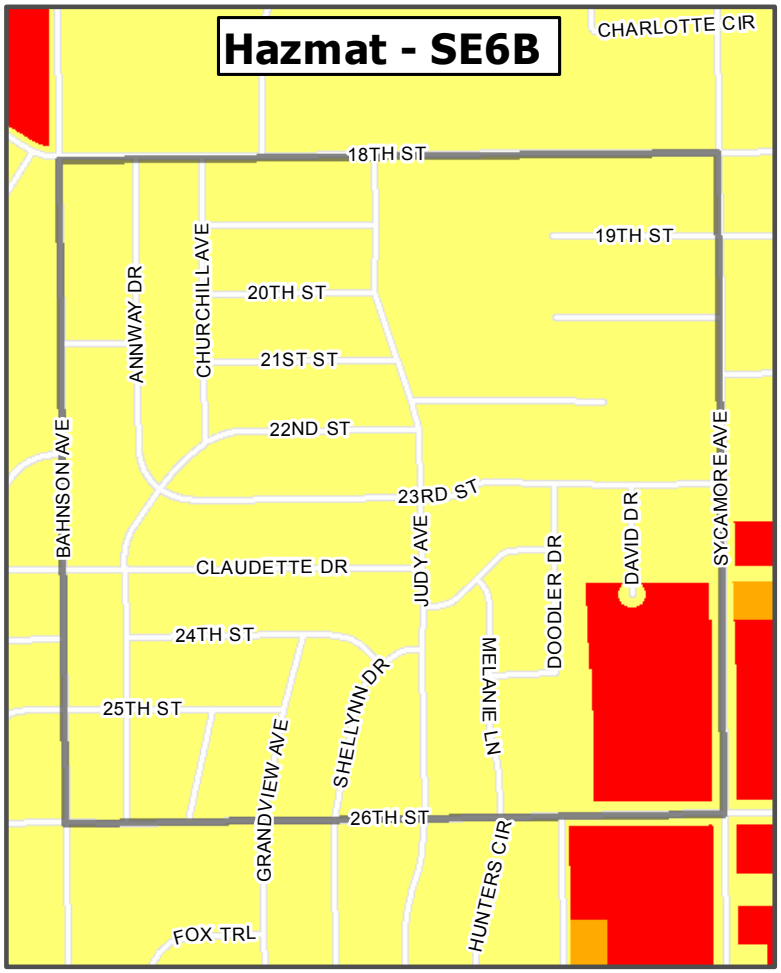
1 percent Annual Chance

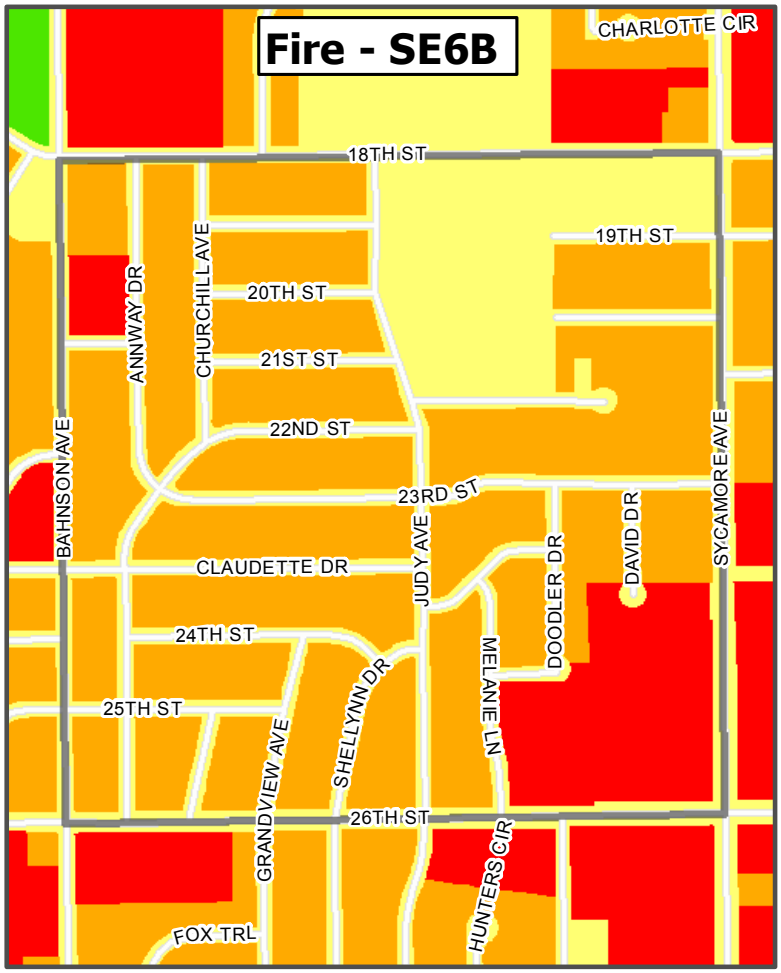







Low | Moderate | High | Special

1 inch = 773 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6C

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 16 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| HARVEY DUNN ELEMENTARY | Type 1 | School |
| MORNINGSIDE COMMUNITY CENTER | Type 1 | School |

# SE6C

Fire

Rescue

HazMat

EMS

SUB Substation

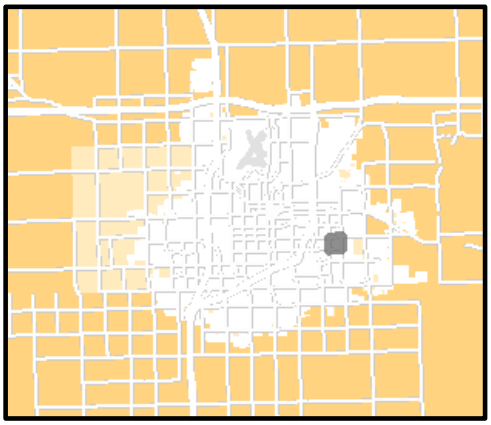
Transmission Line

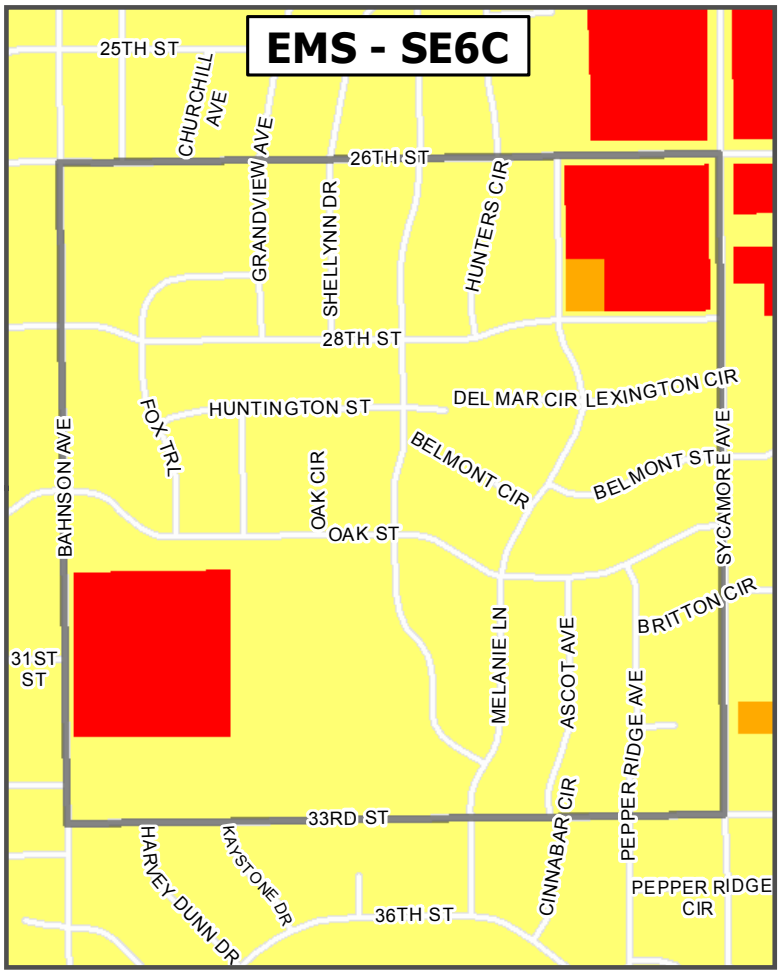
Major Gas Line

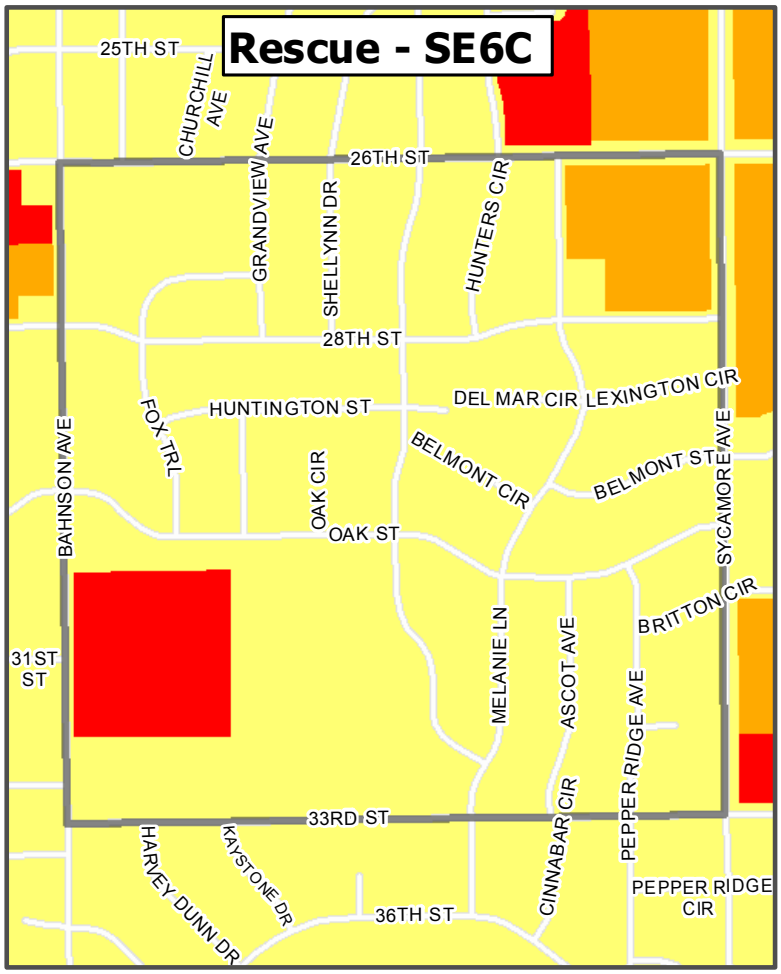
Floodplain

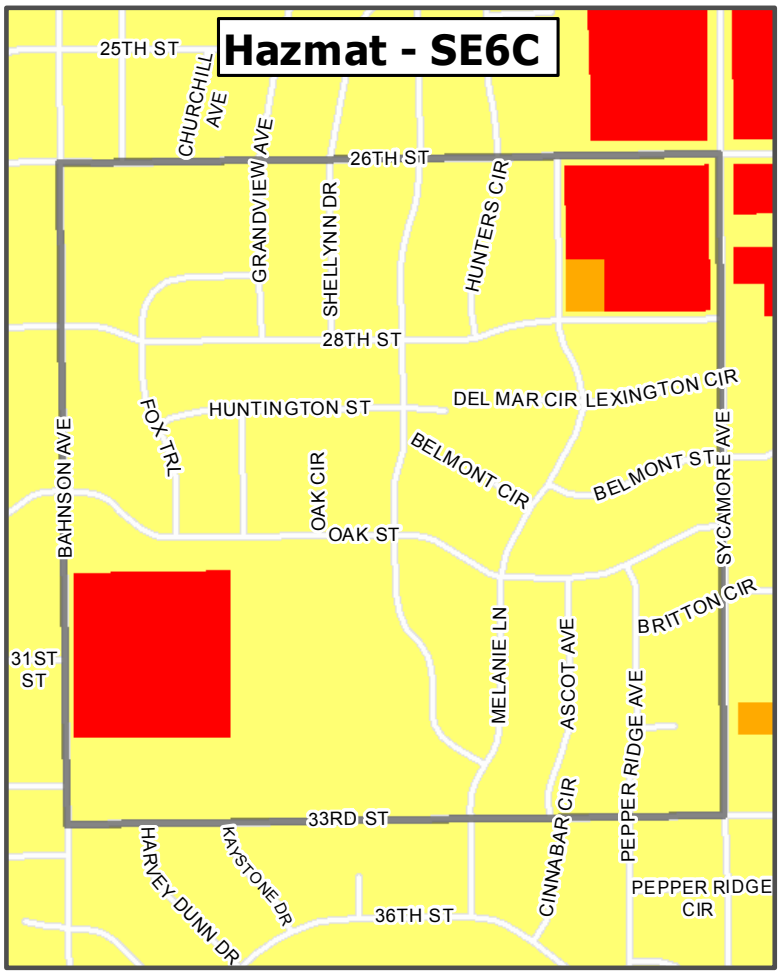
0.2 percent Annual Chance

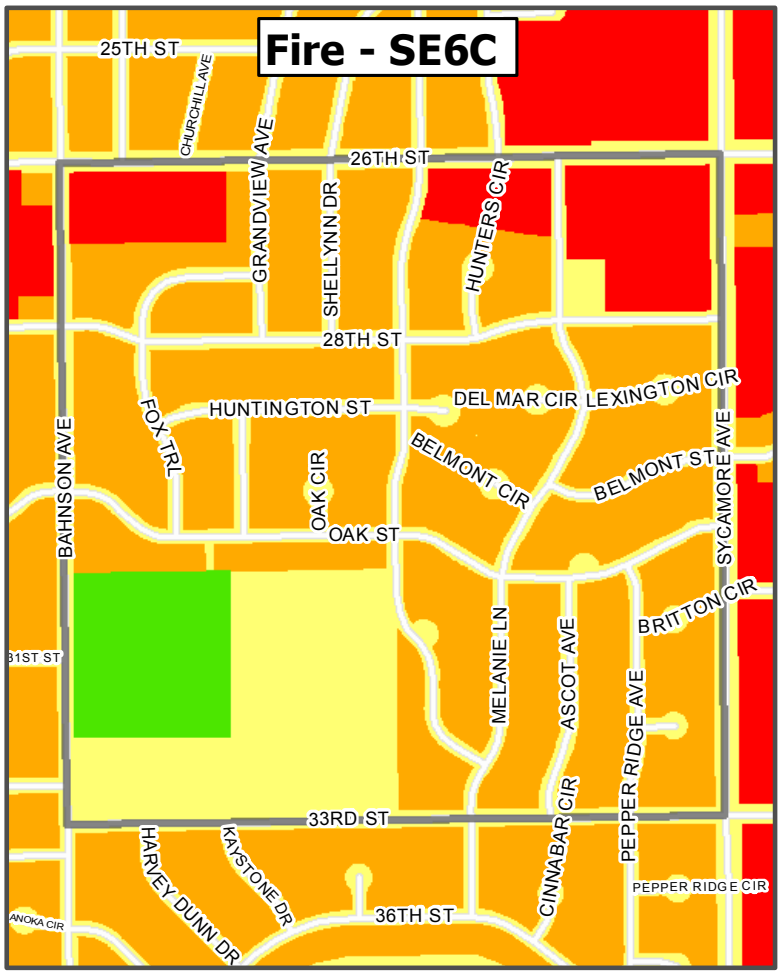
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 771 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6D

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 11 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE6D

Fire

Rescue

HazMat

EMS

SUB Substation

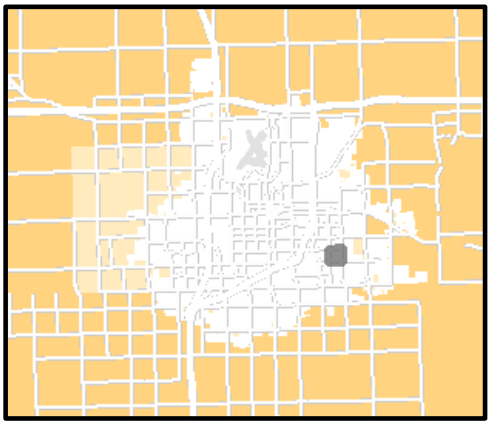
Transmission Line

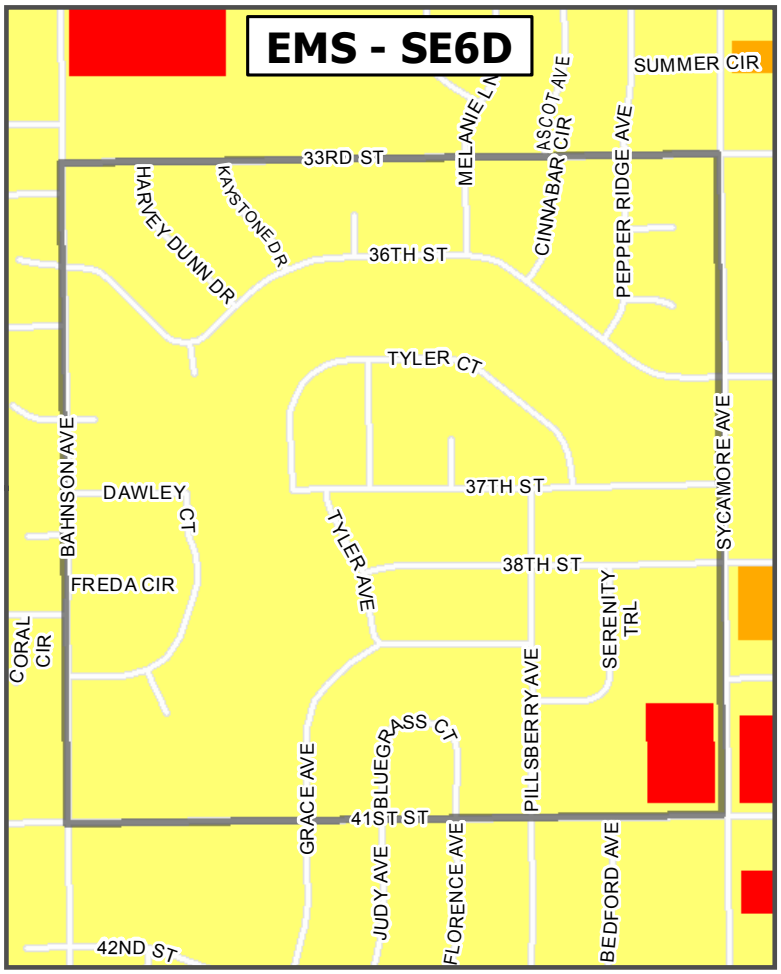
Major Gas Line

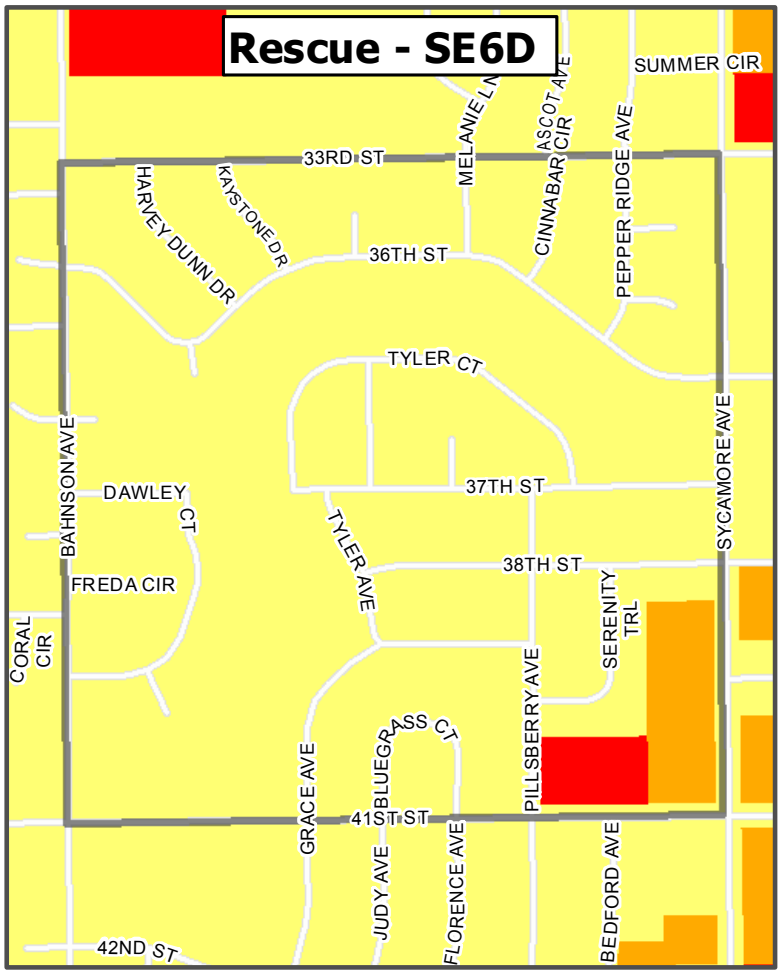
Floodplain

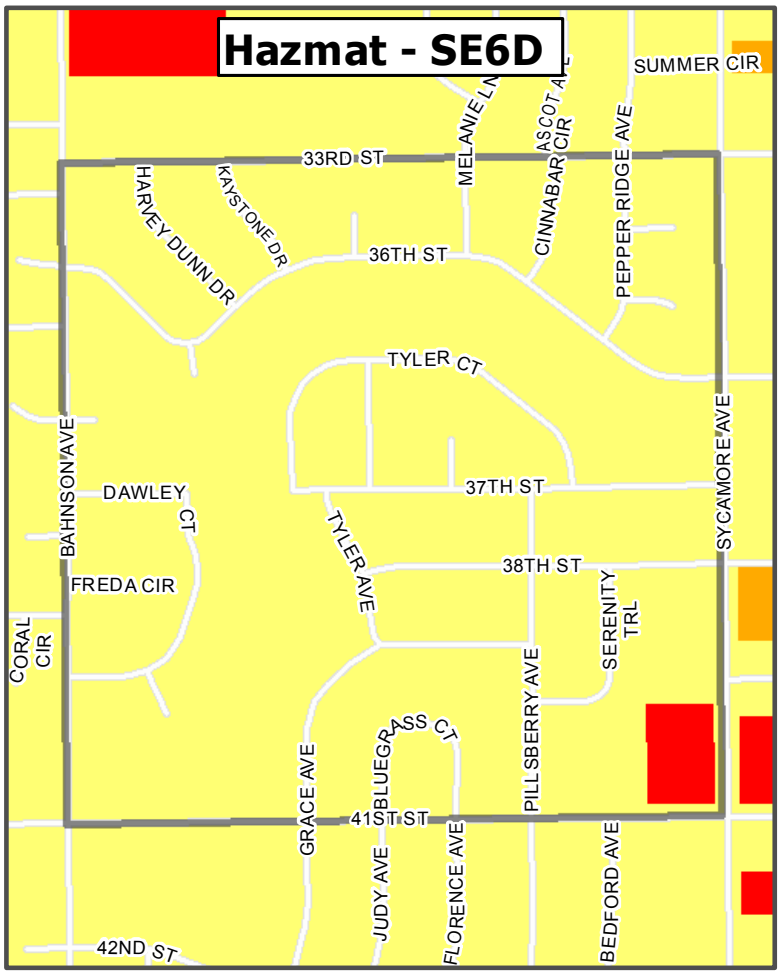
0.2 percent Annual Chance

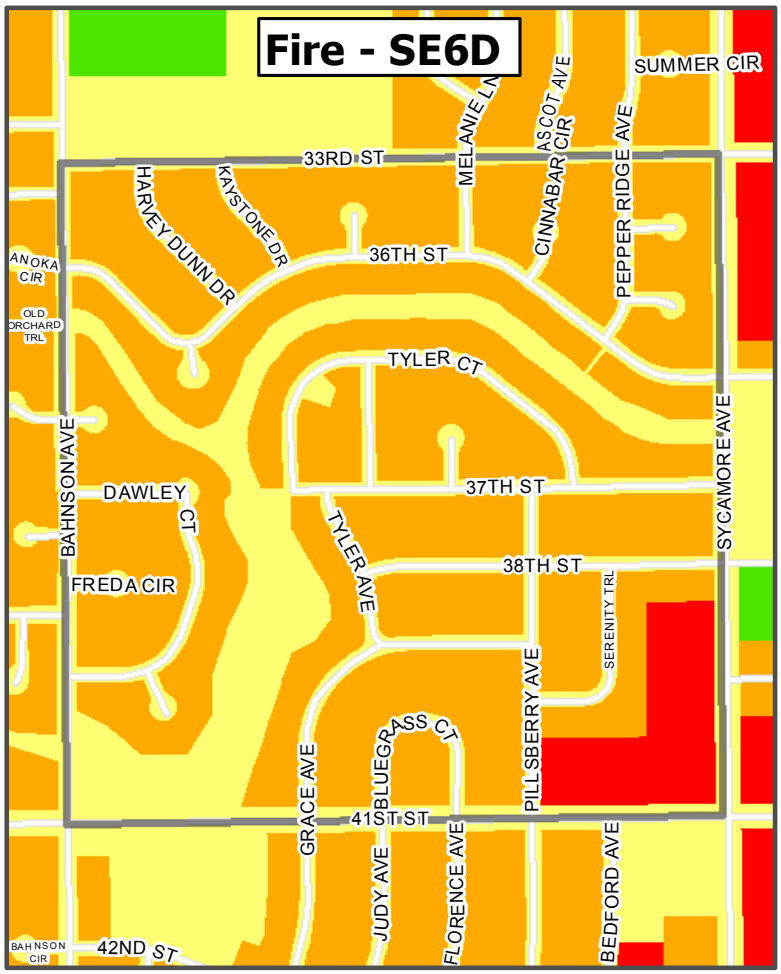
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 8 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE6E

Fire

Rescue

HazMat

EMS

SUB Substation

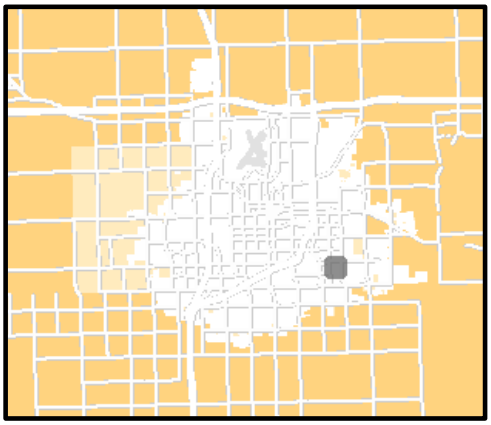
Transmission Line

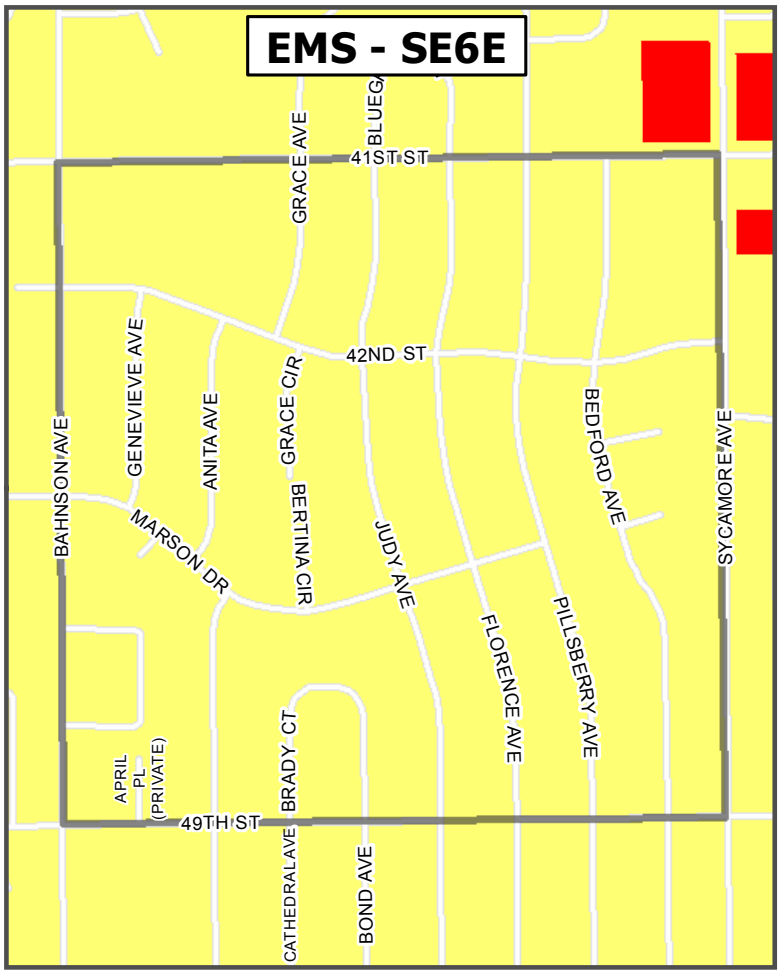
Major Gas Line

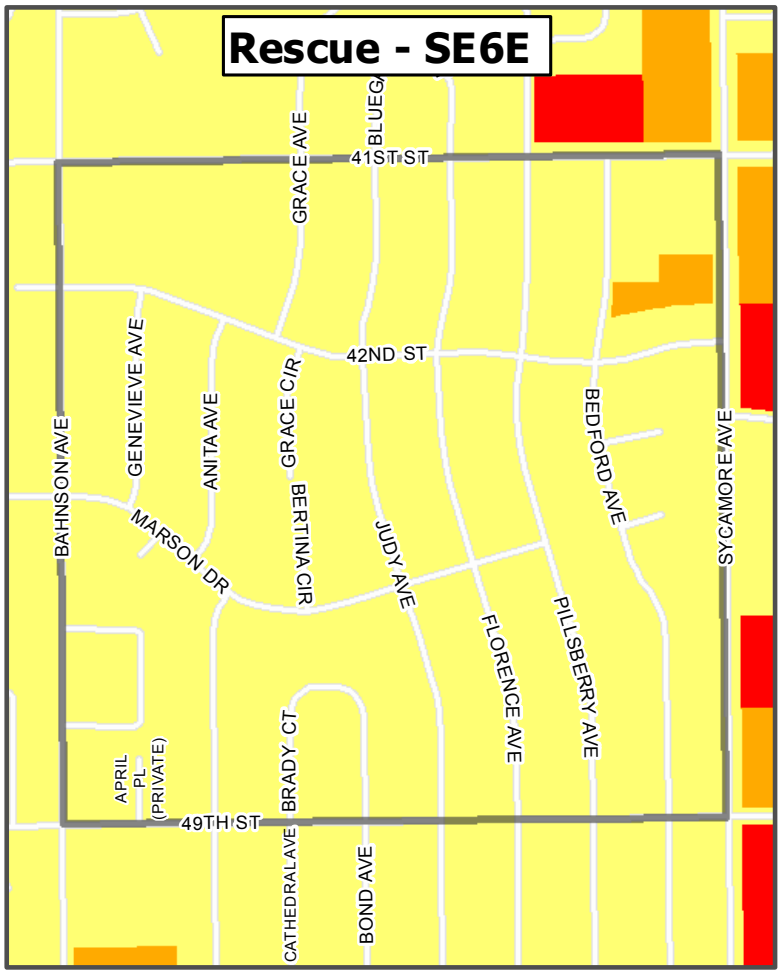
Floodplain

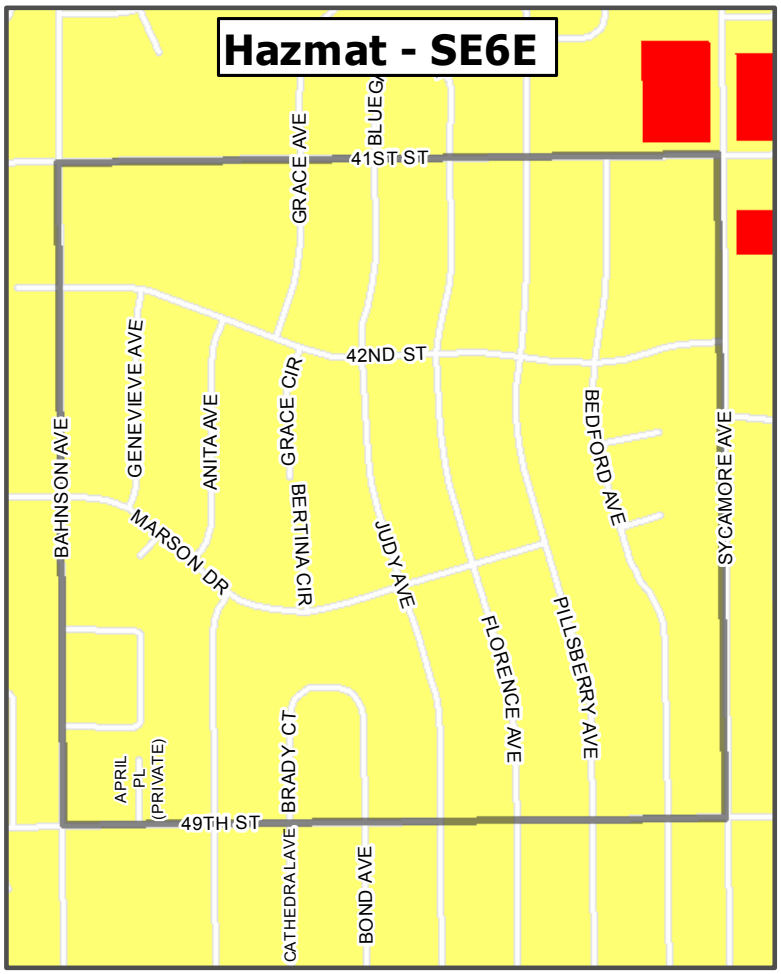
0.2 percent Annual Chance

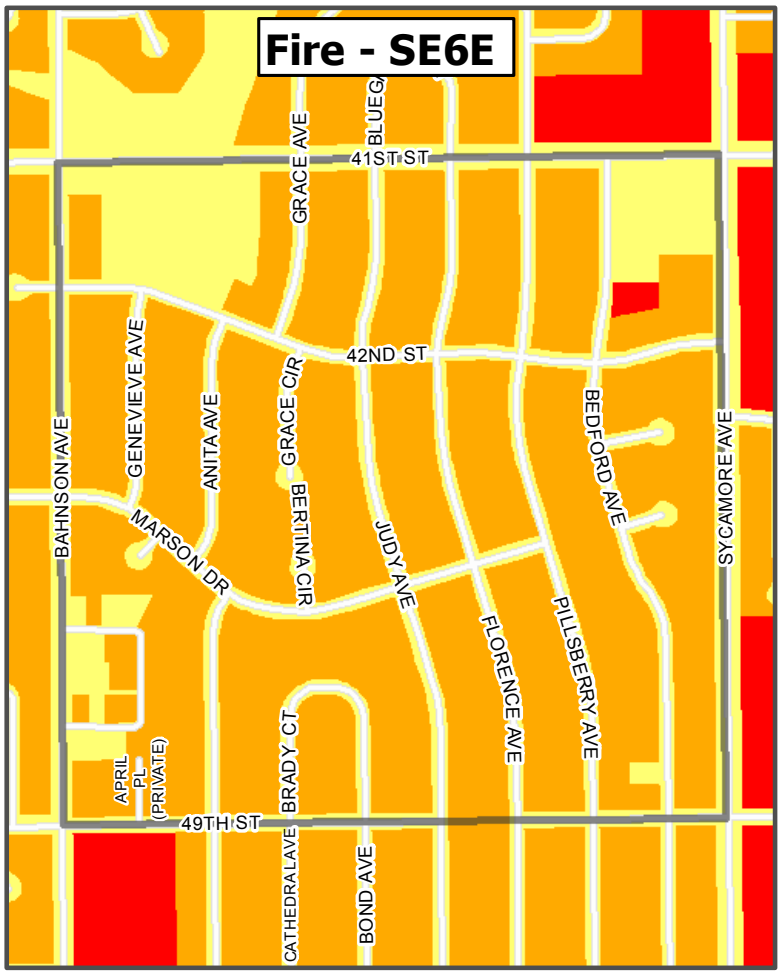
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 14 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 3 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| ABIDING SAVIOR FREE LUTHERAN | Type 1 | School |

# SE6F

Fire

Rescue

HazMat

EMS

SUB Substation

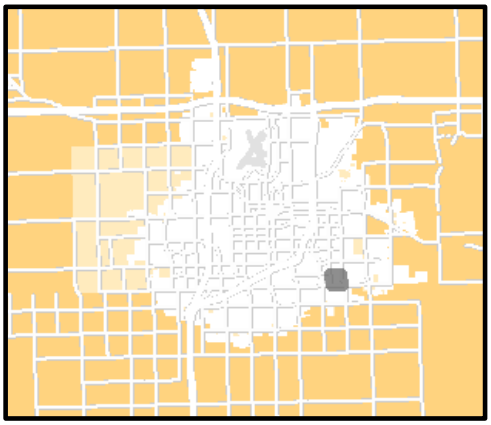
Transmission Line

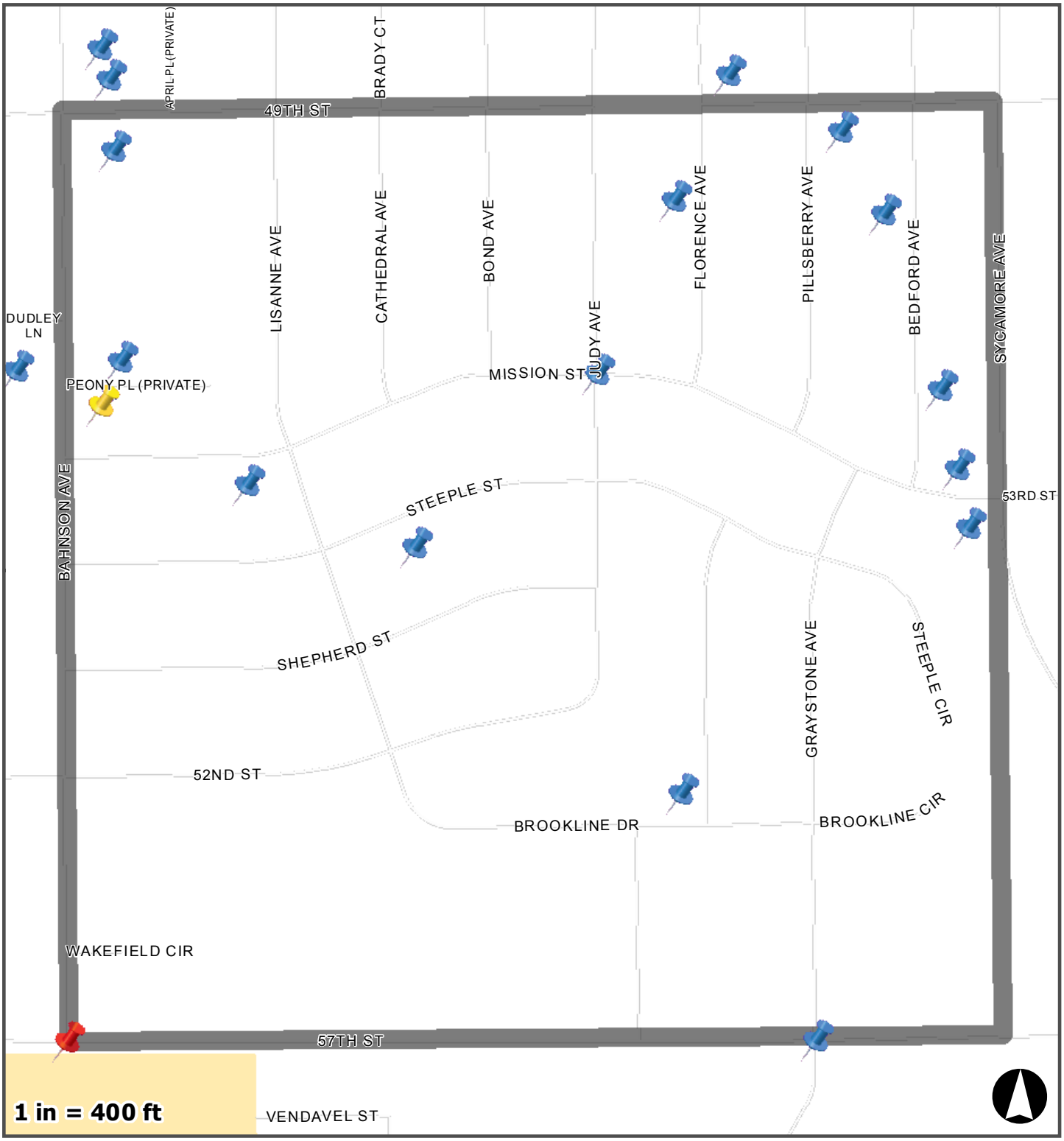
Major Gas Line

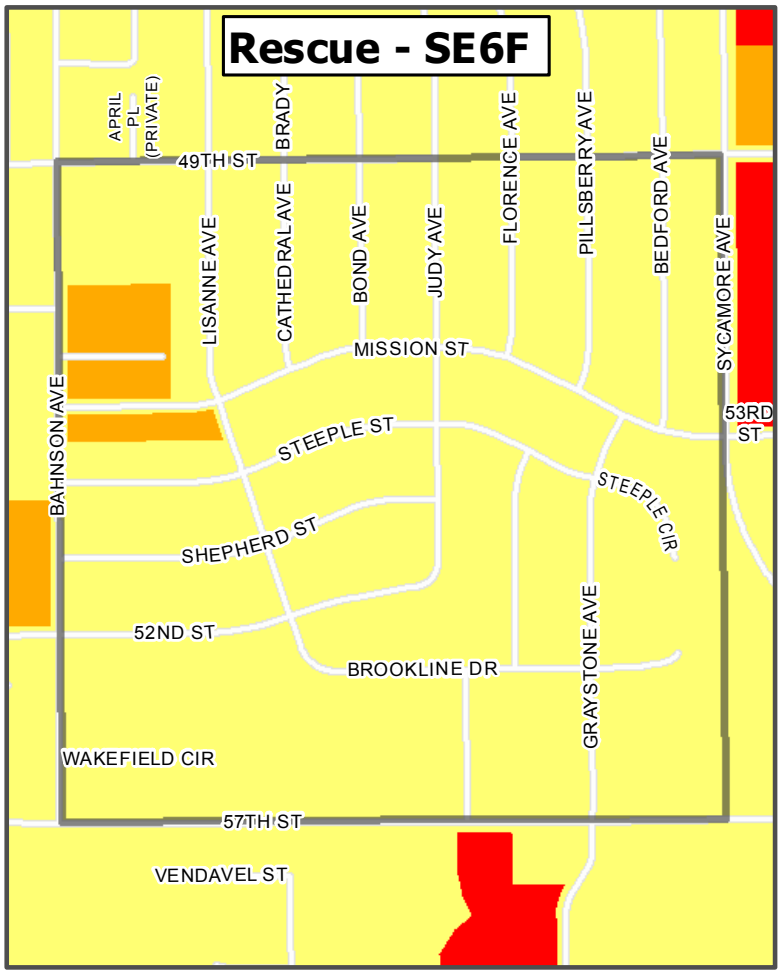
Floodplain

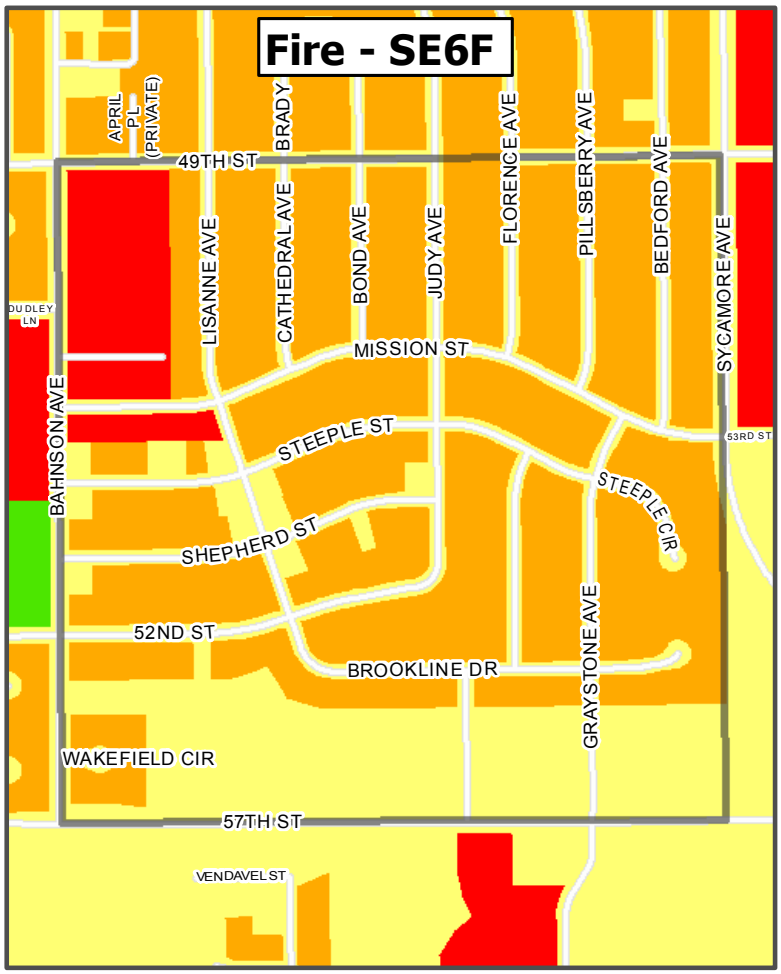
0.2 percent Annual Chance

1 percent Annual Chance










Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 1 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 3 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE6G

Fire

Rescue

HazMat

EMS

SUB Substation

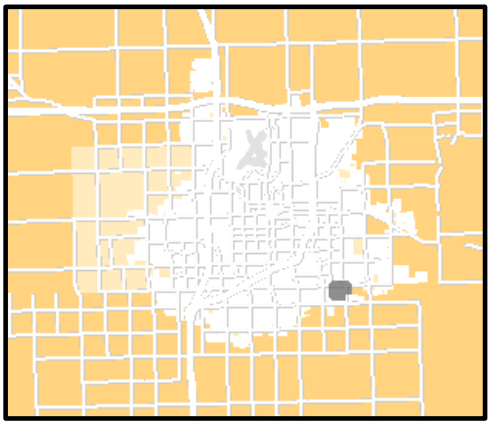
Transmission Line

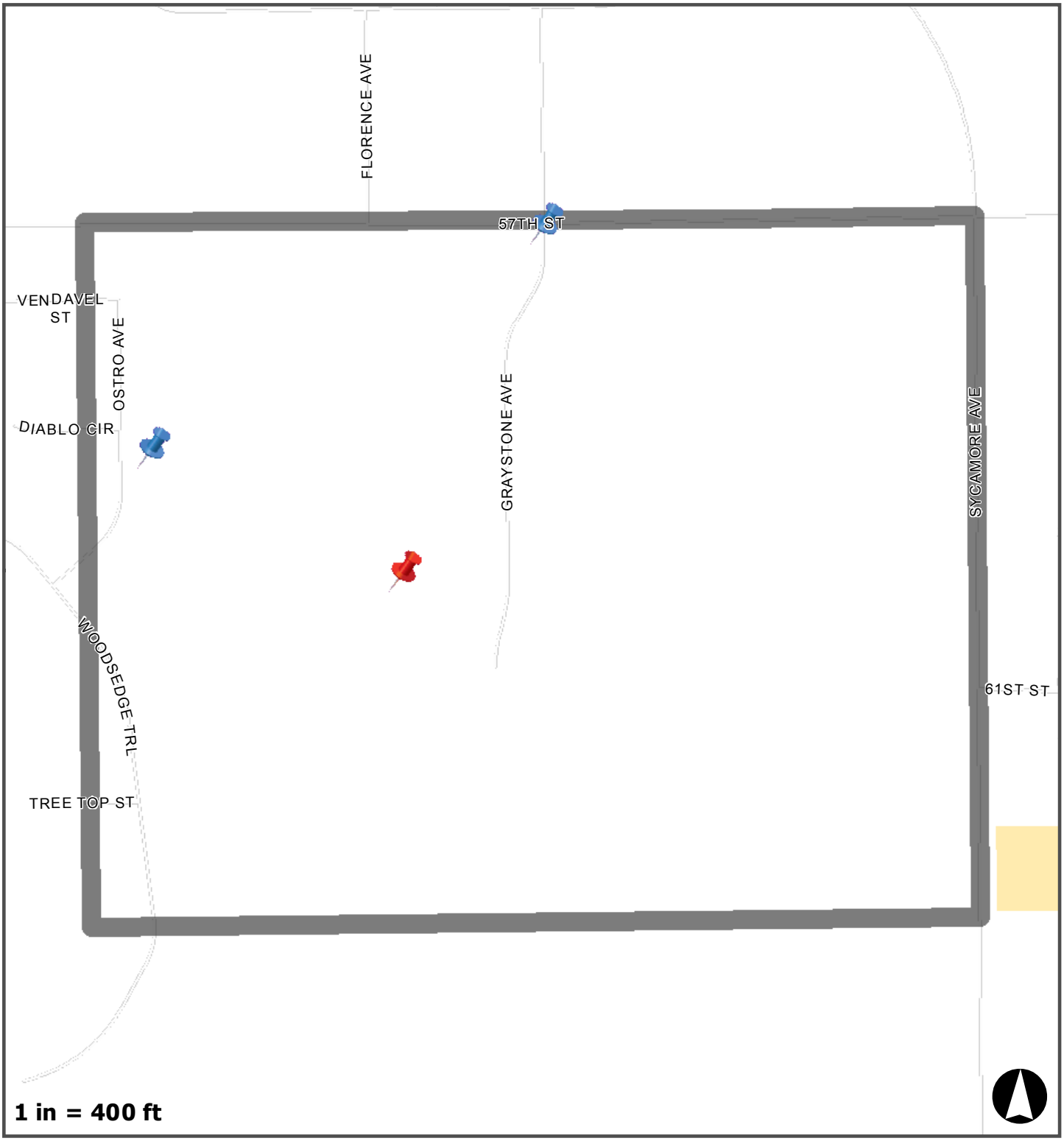
Major Gas Line

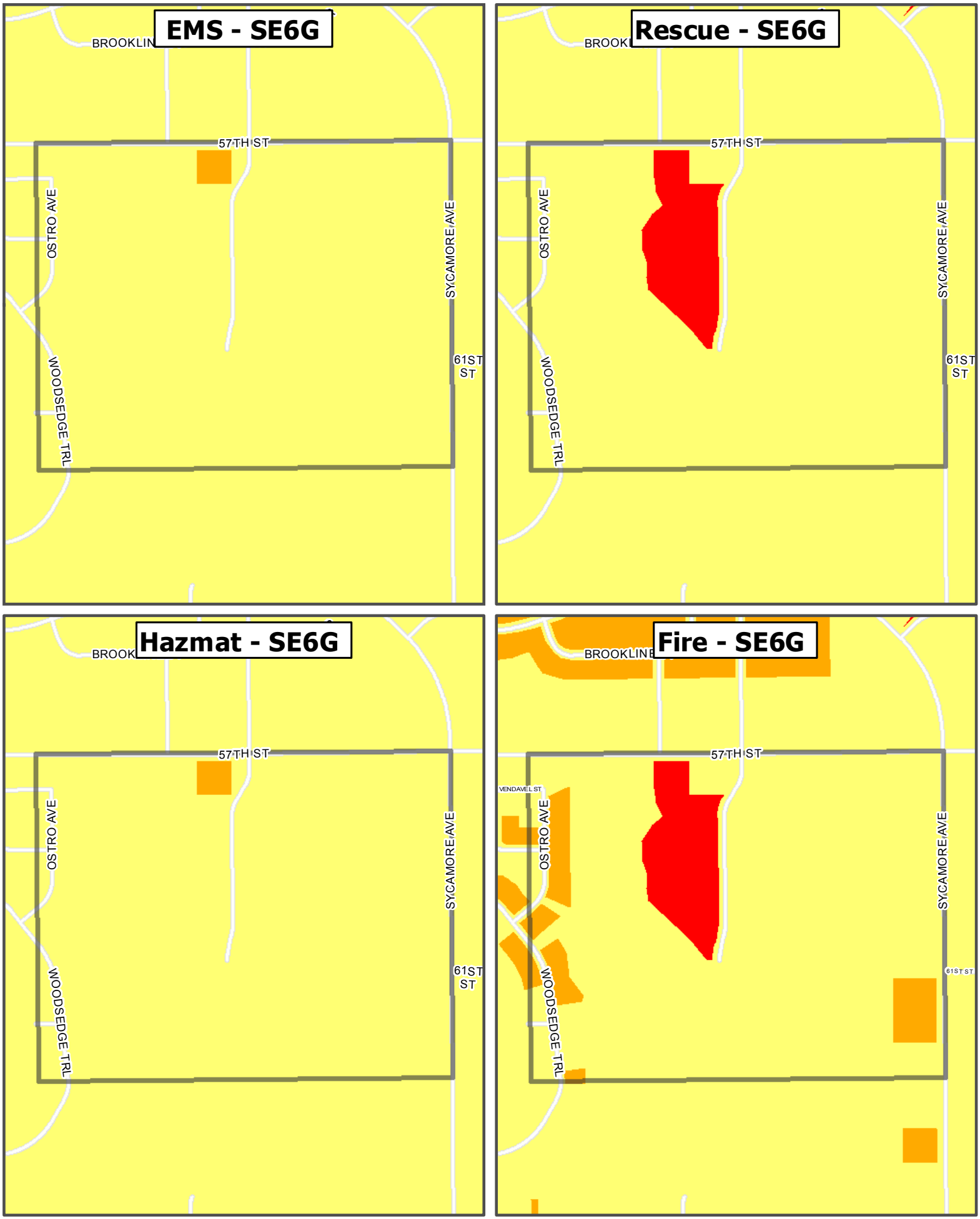
Floodplain

0.2 percent Annual Chance

1 percent Annual Chance








Low | Moderate | High | Special

1 inch = 729 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 6H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE6H

Fire

Rescue

HazMat

EMS

SUB Substation

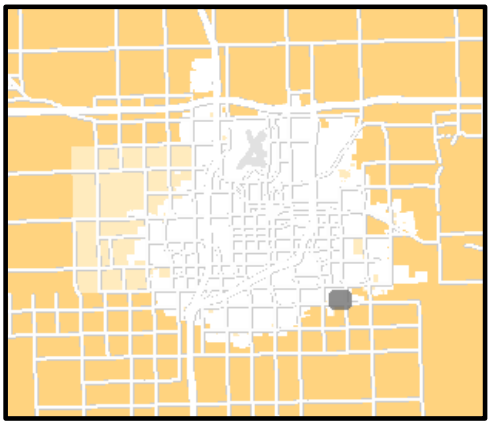
Transmission Line

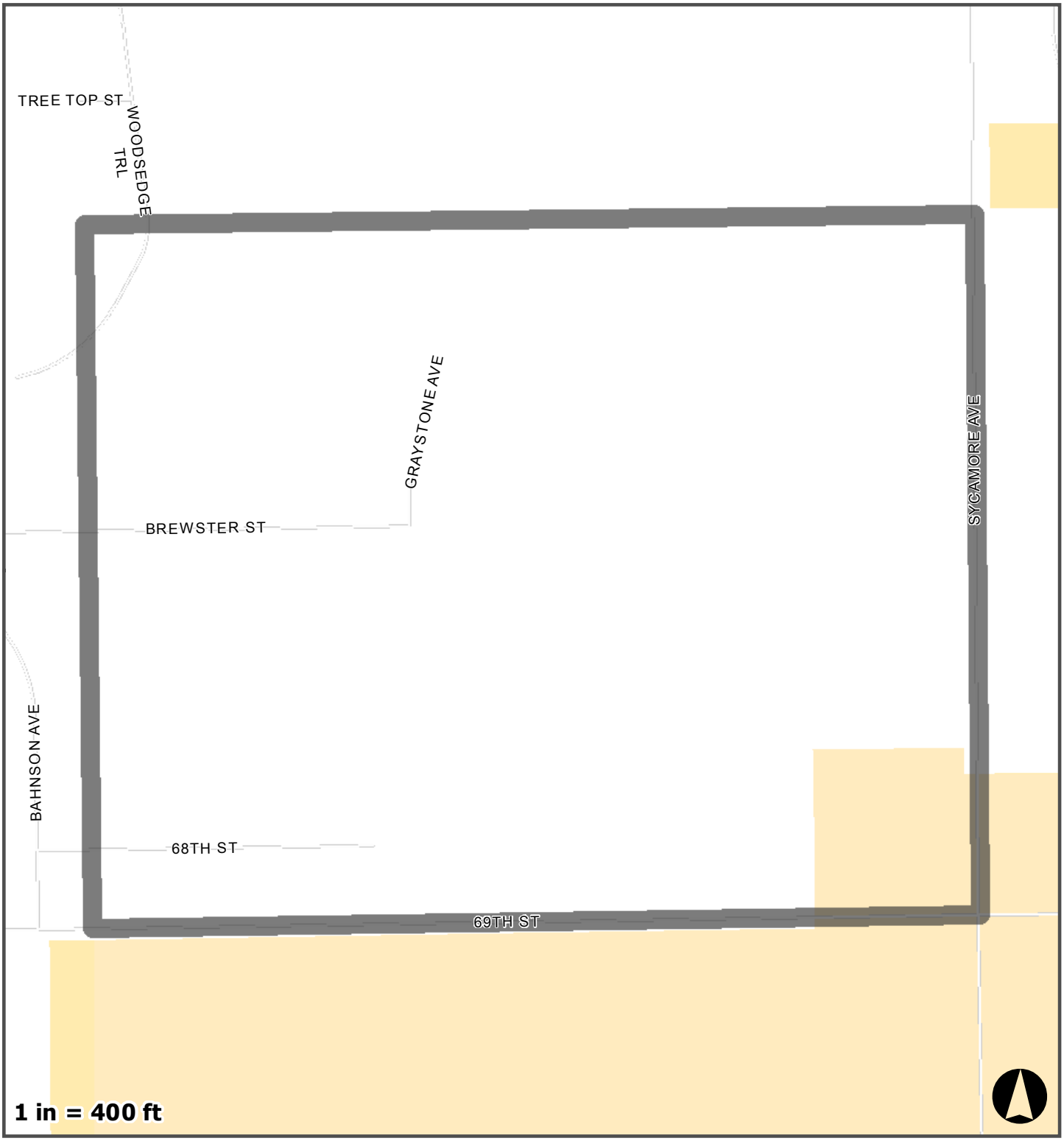
Major Gas Line

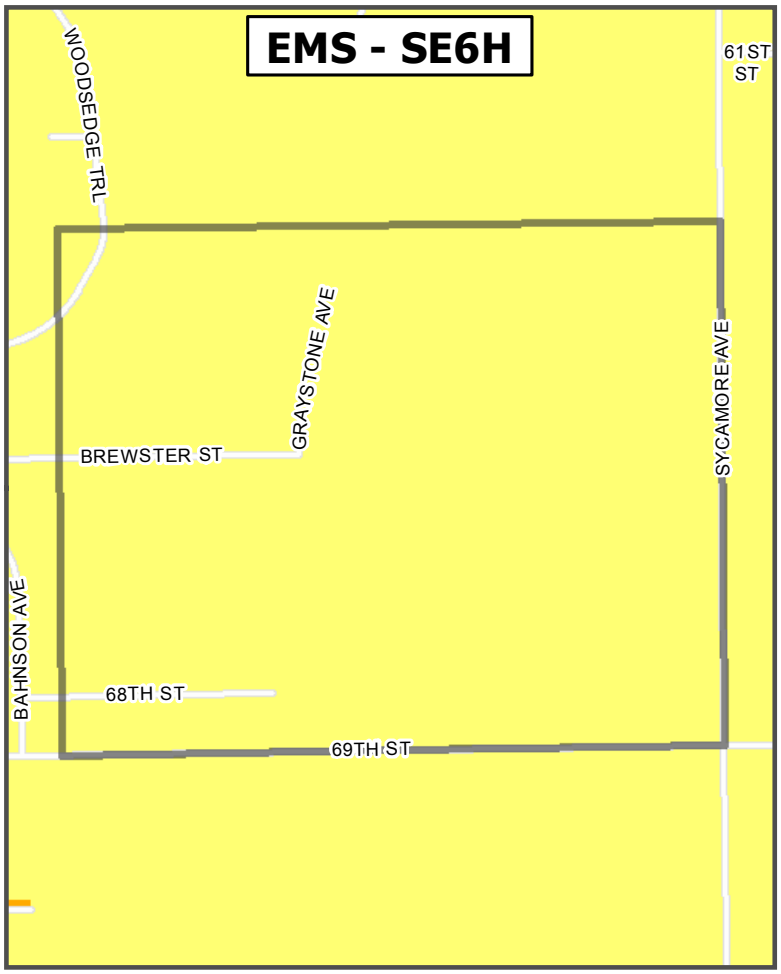
Floodplain

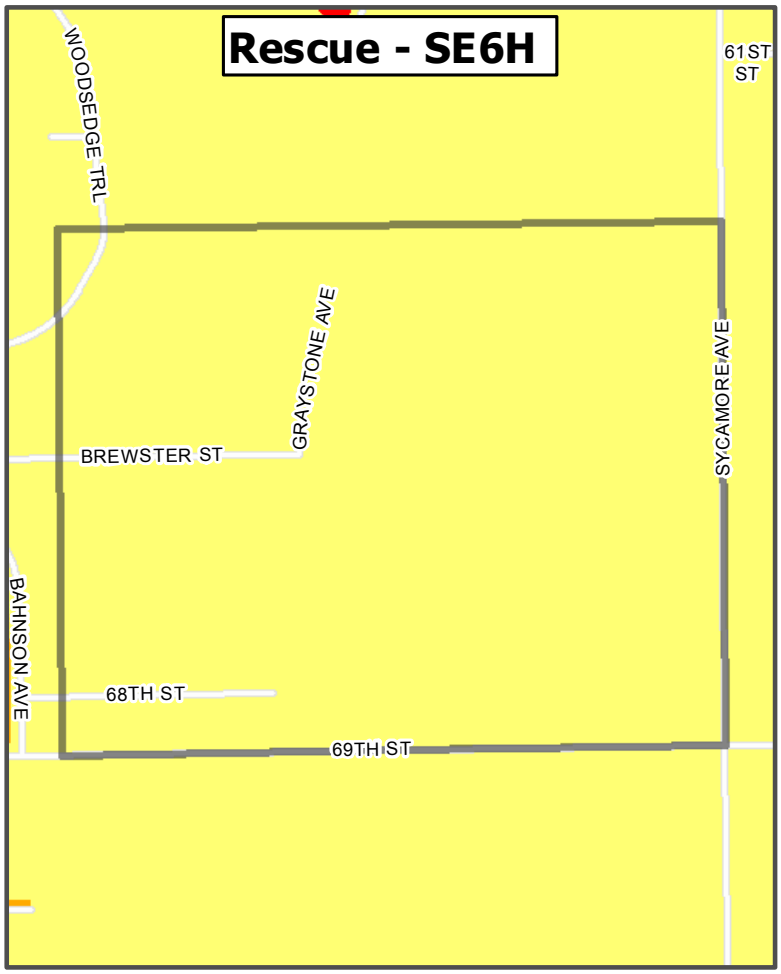
0.2 percent Annual Chance

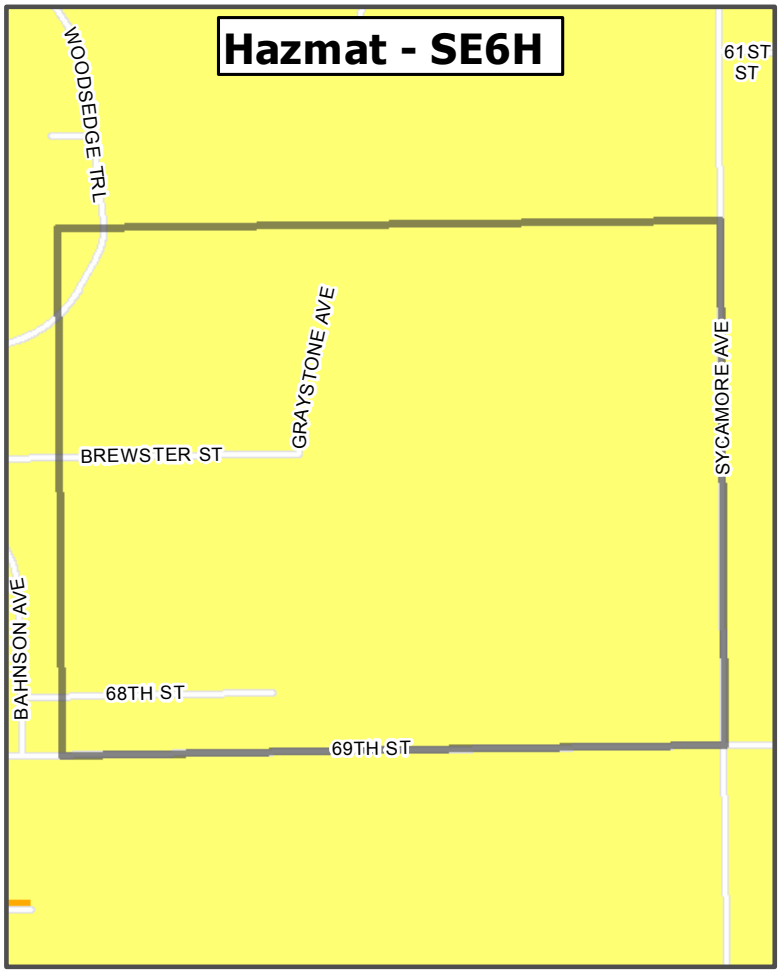
1 percent Annual Chance

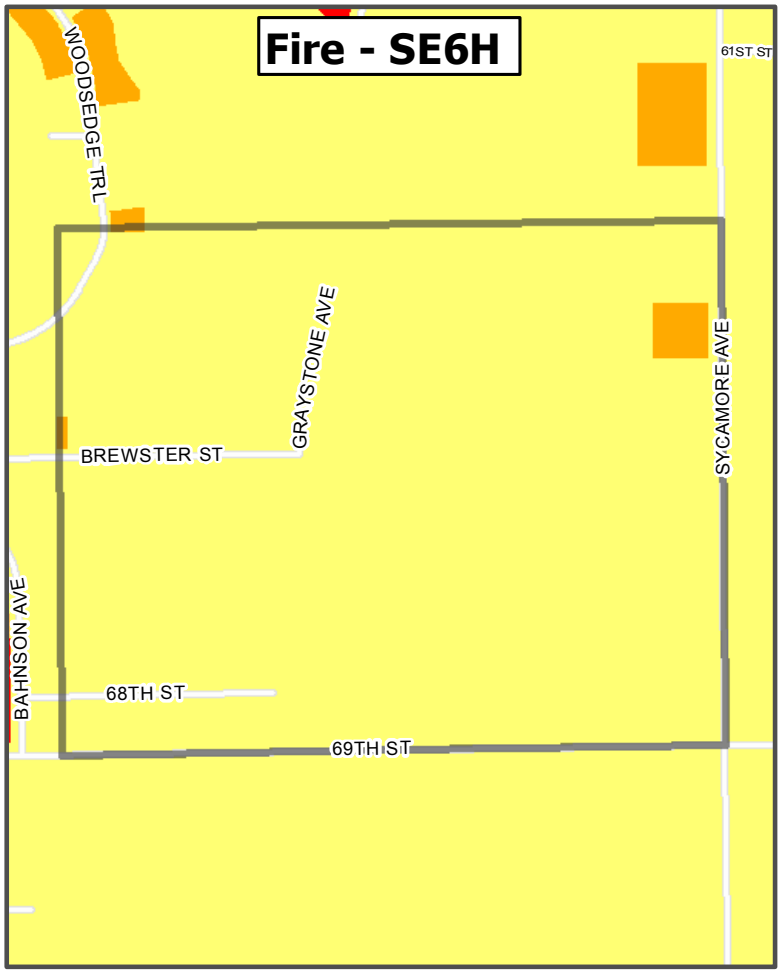







Low | Moderate | High | Special

1 inch = 728 feet

# SE6I

Fire

Rescue

HazMat

EMS

SUB Substation

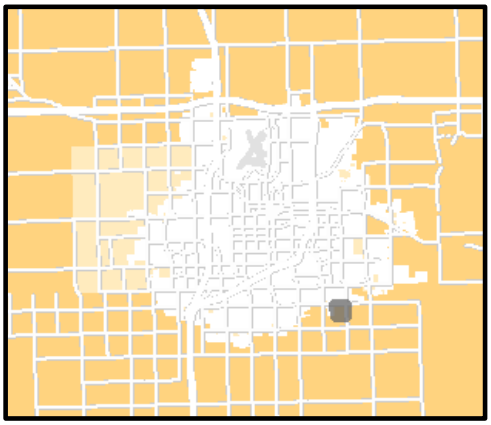
Transmission Line

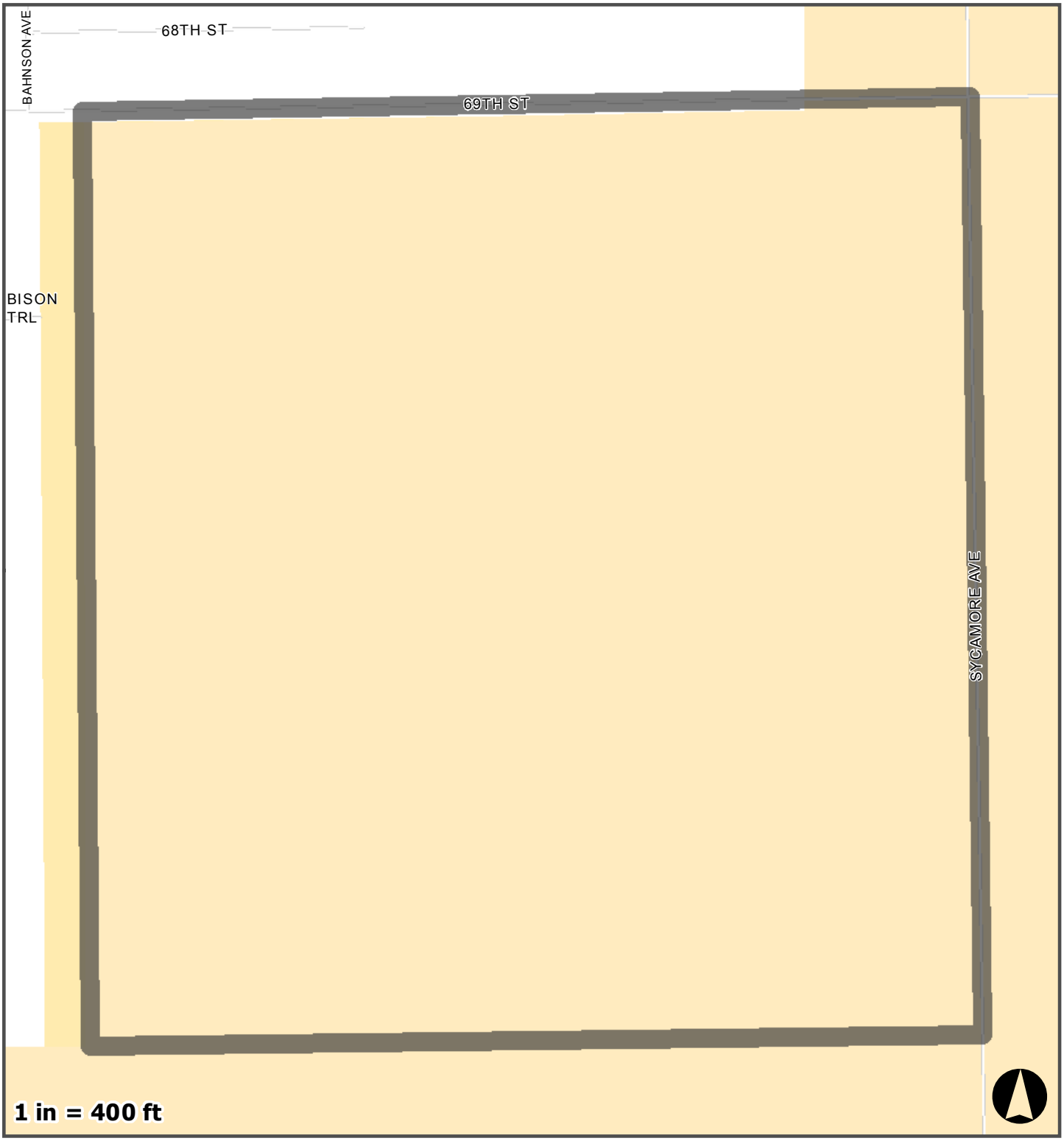
Major Gas Line

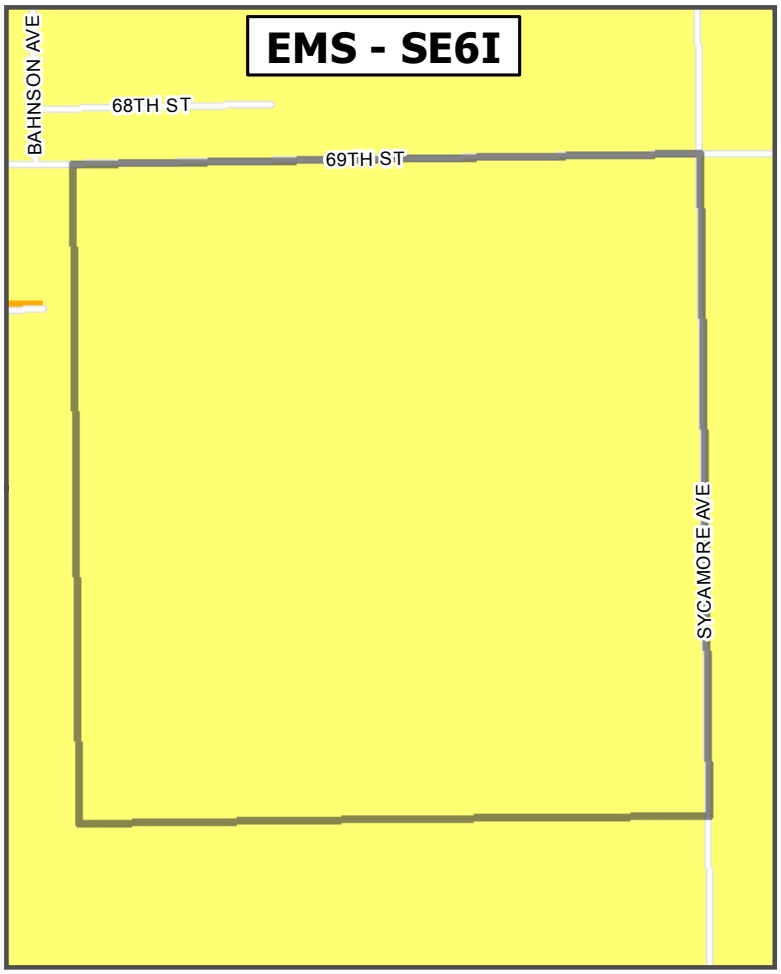
Floodplain

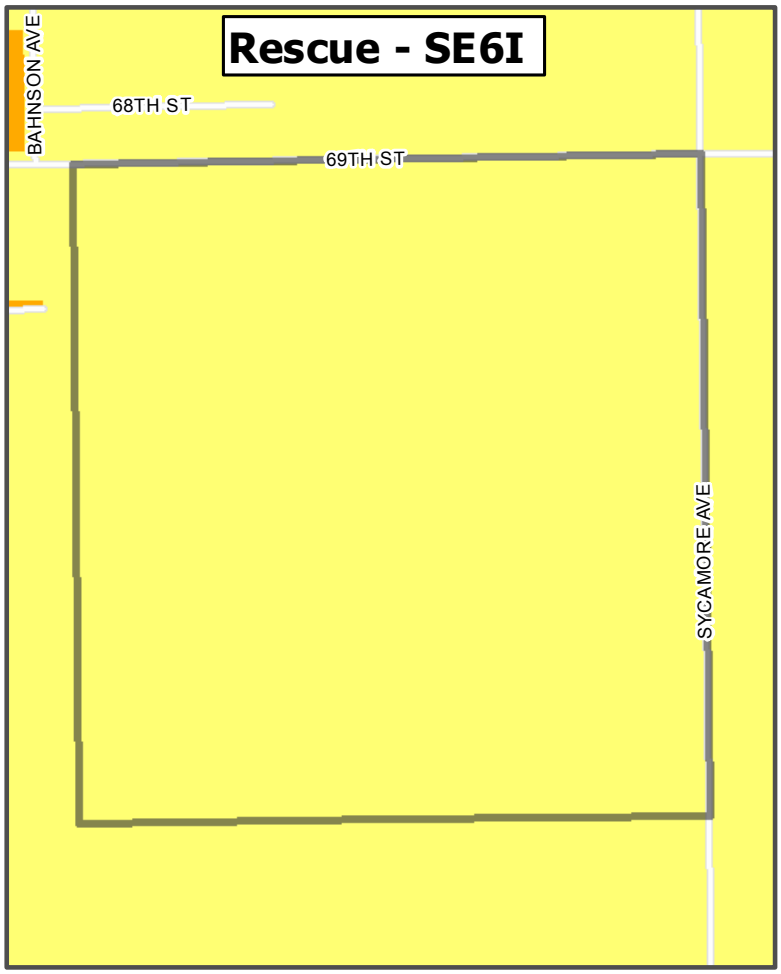
0.2 percent Annual Chance

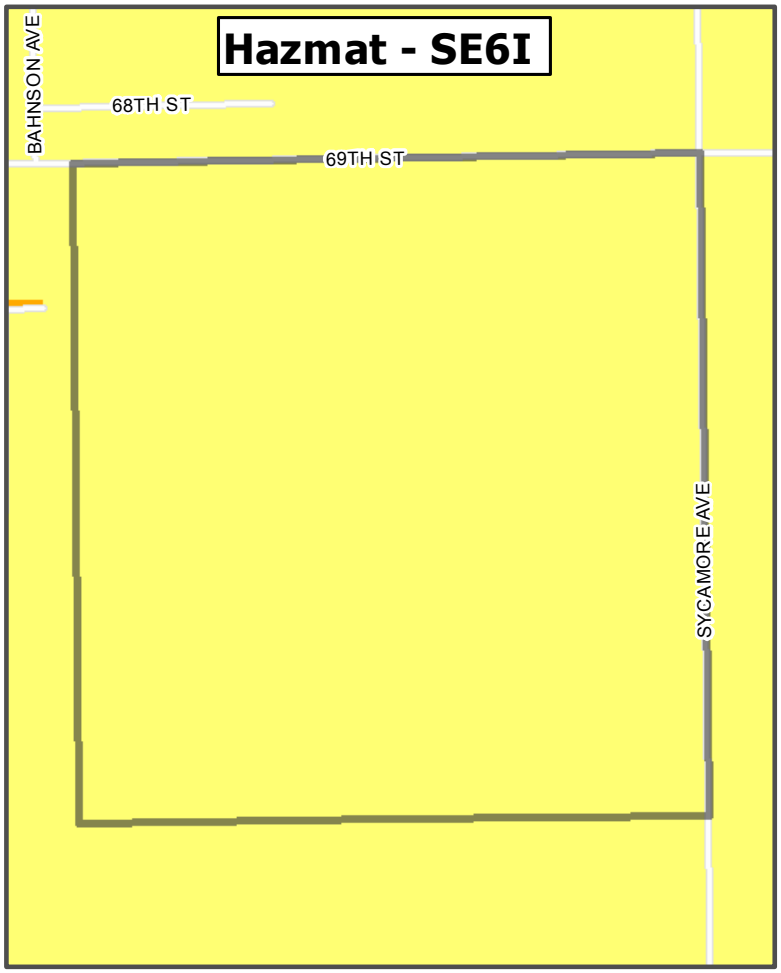
1 percent Annual Chance

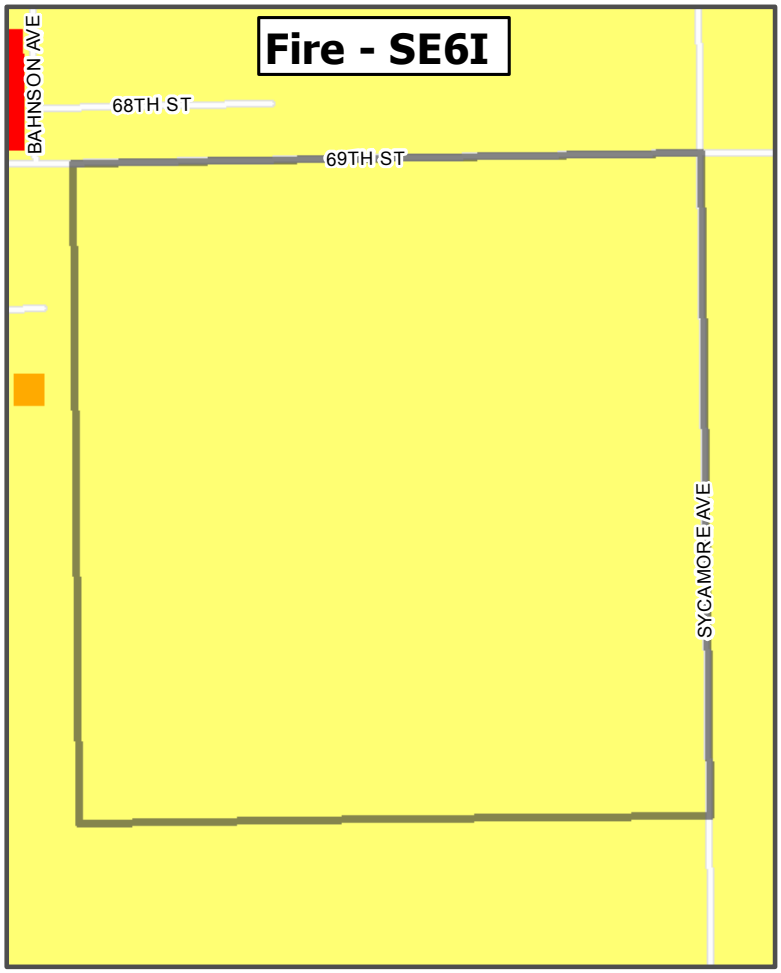







Low Moderate High Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7A

| Frequency of Fires | |
|---|---|
| Residential | 2 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 40 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE7A

Fire

Rescue

HazMat

EMS

SUB Substation

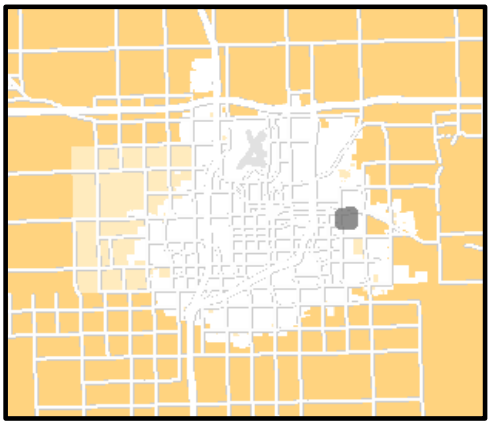
Transmission Line

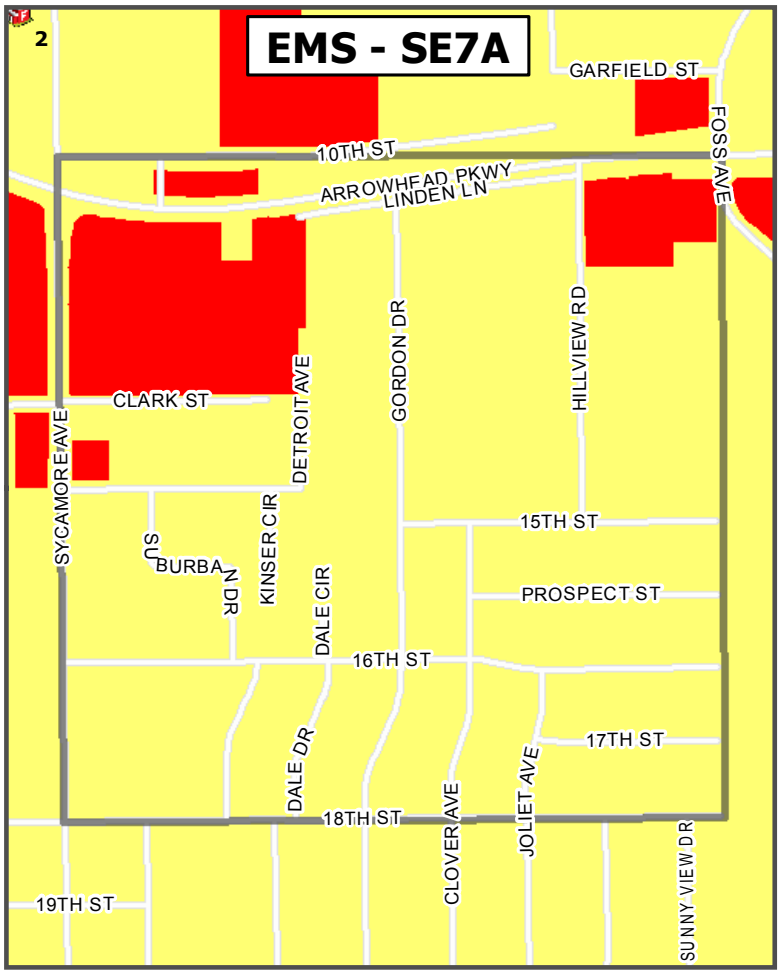
Major Gas Line

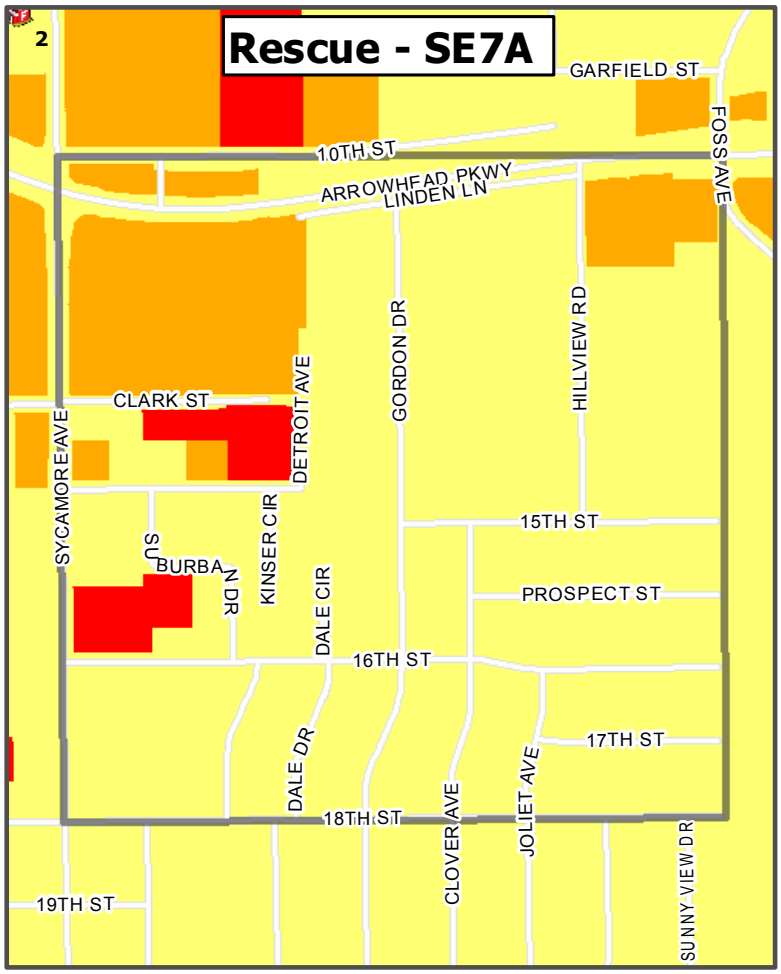
Floodplain

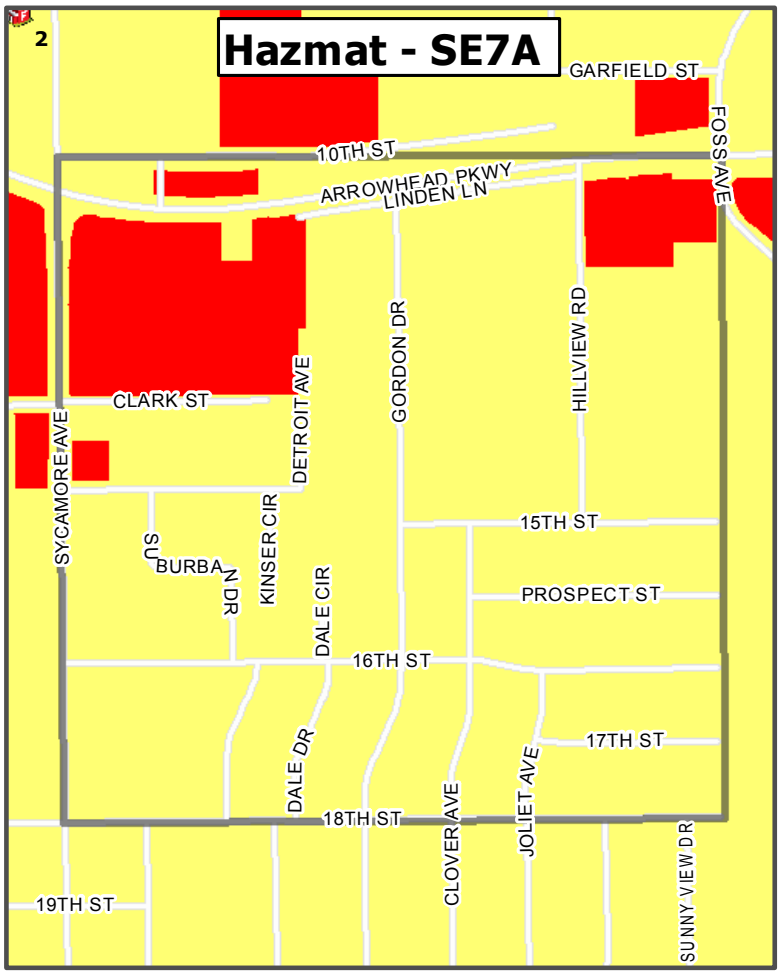
0.2 percent Annual Chance

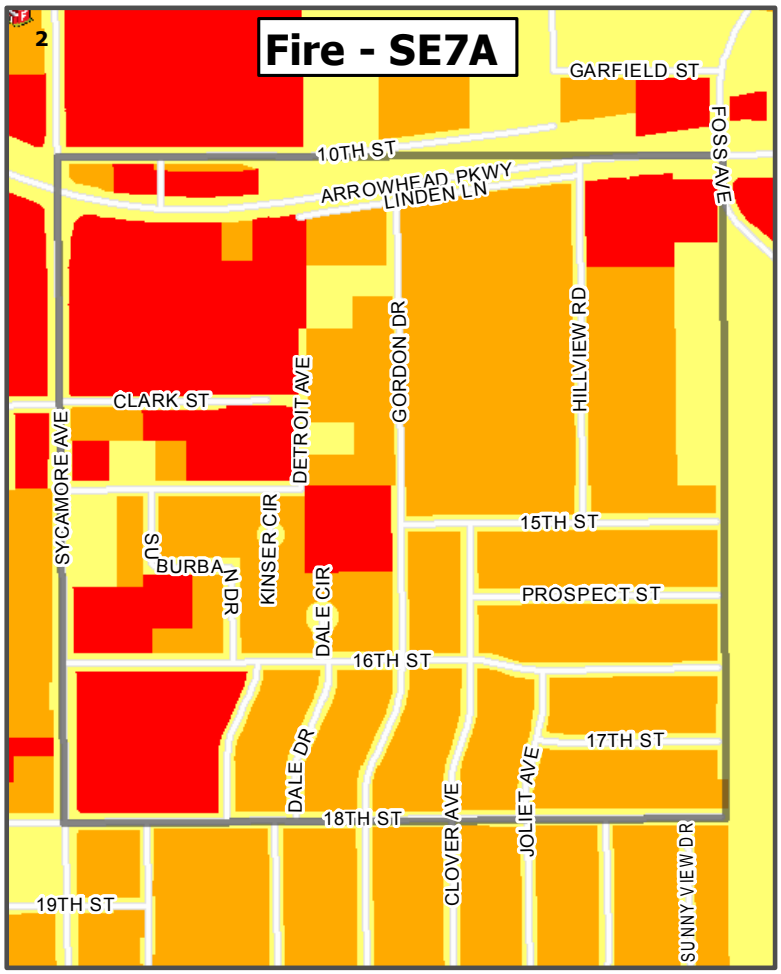
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 767 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7B

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 29 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE7B

Fire

Rescue

HazMat

EMS

SUB Substation

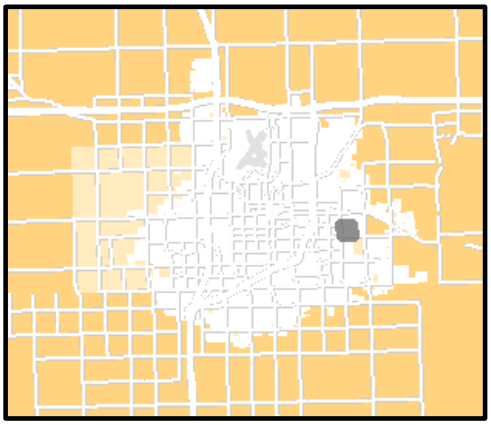
Transmission Line

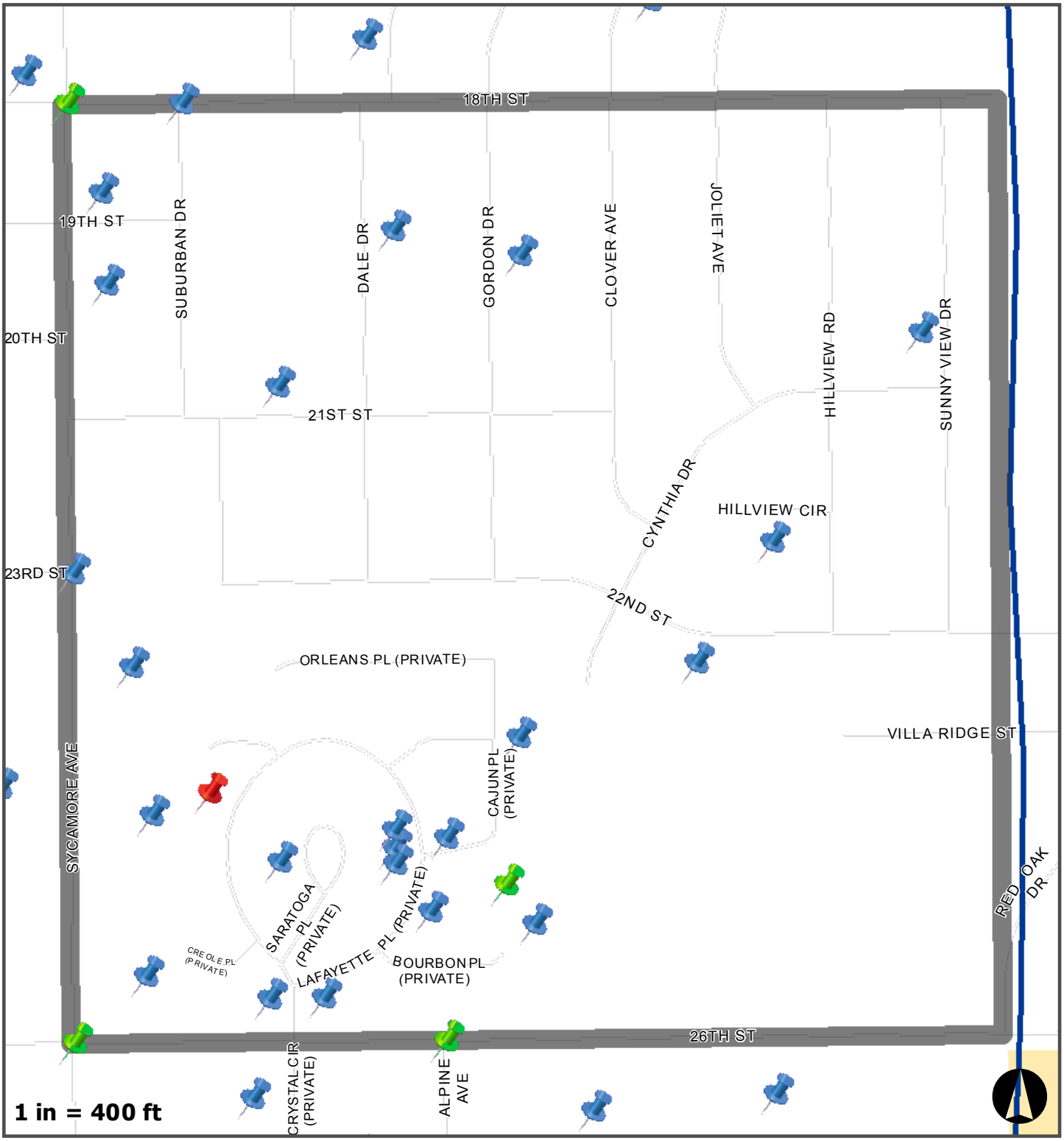
Major Gas Line

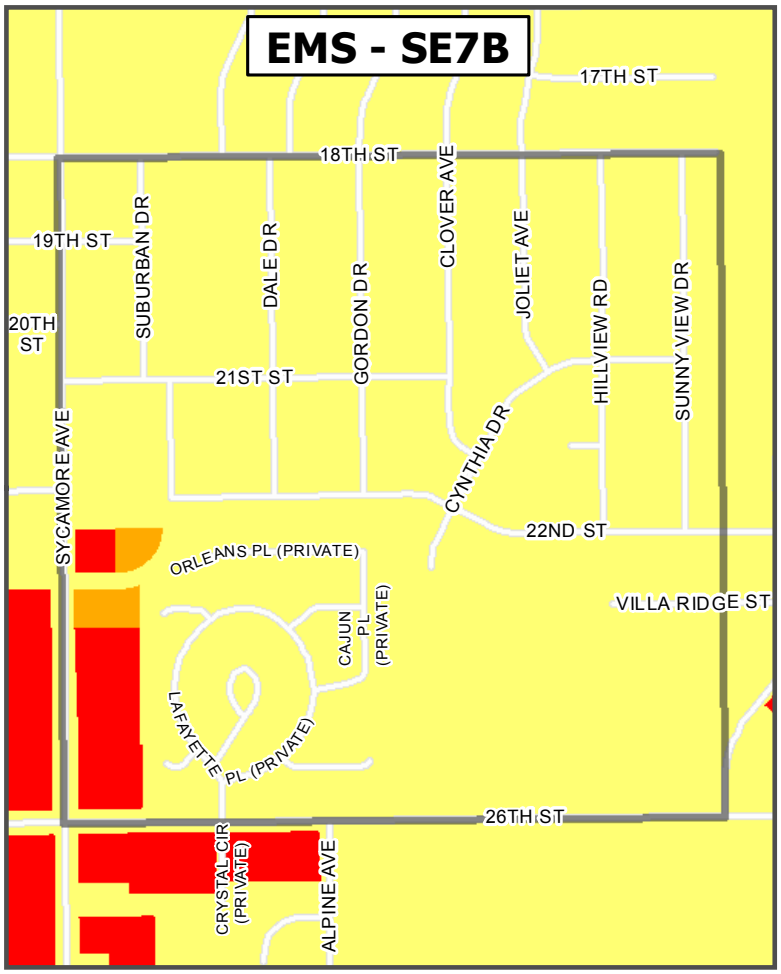
Floodplain

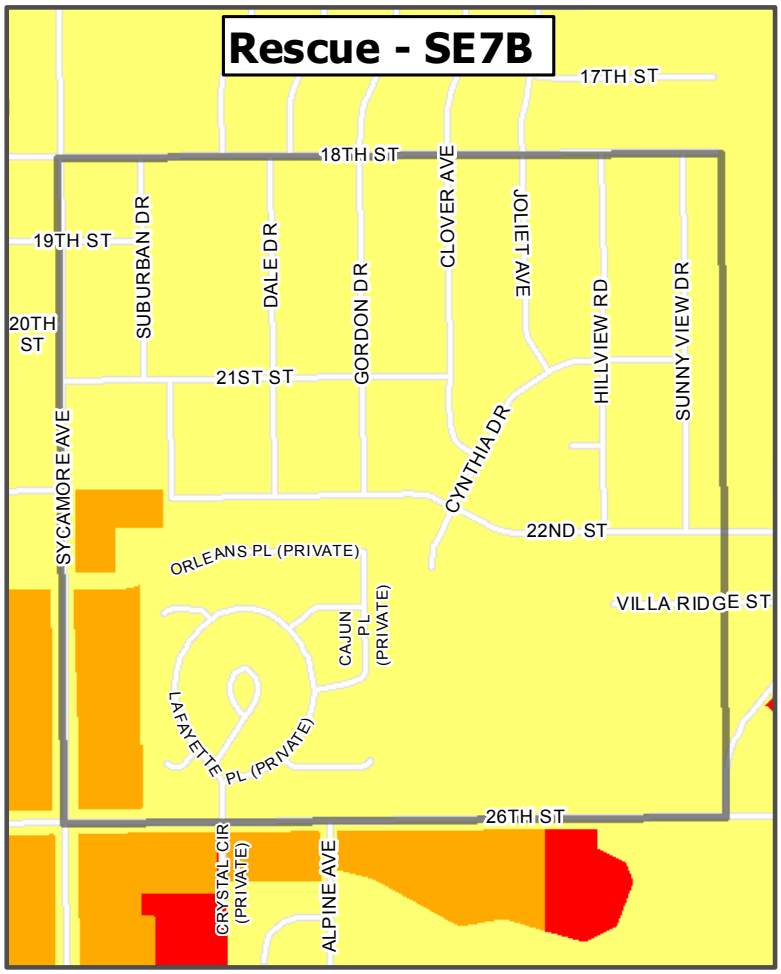
0.2 percent Annual Chance

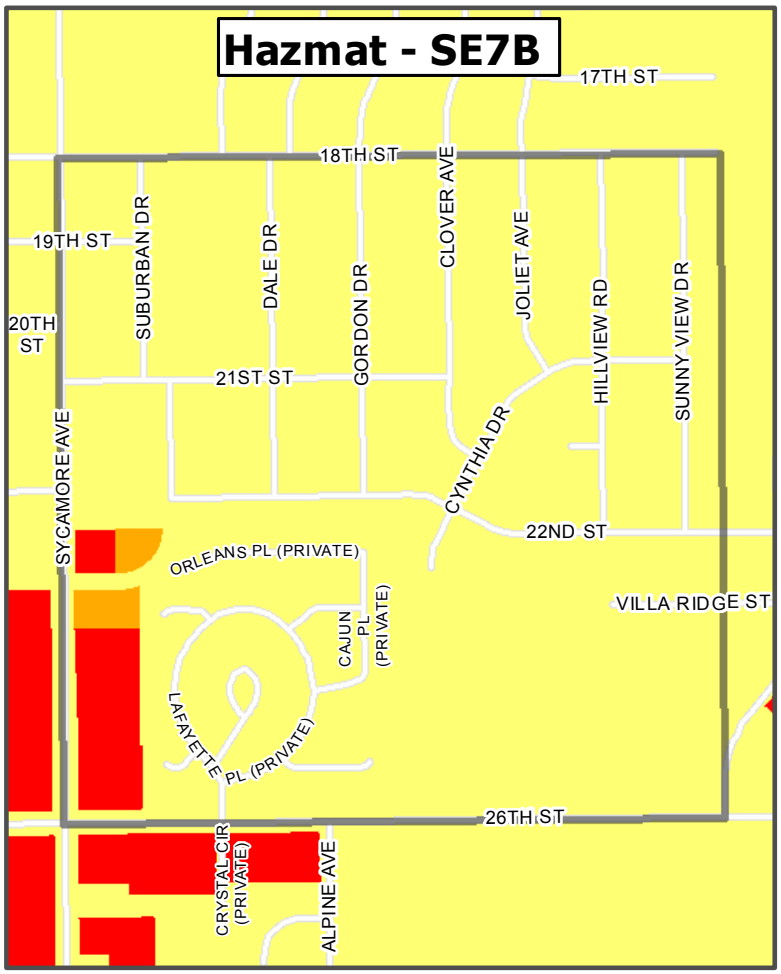
1 percent Annual Chance

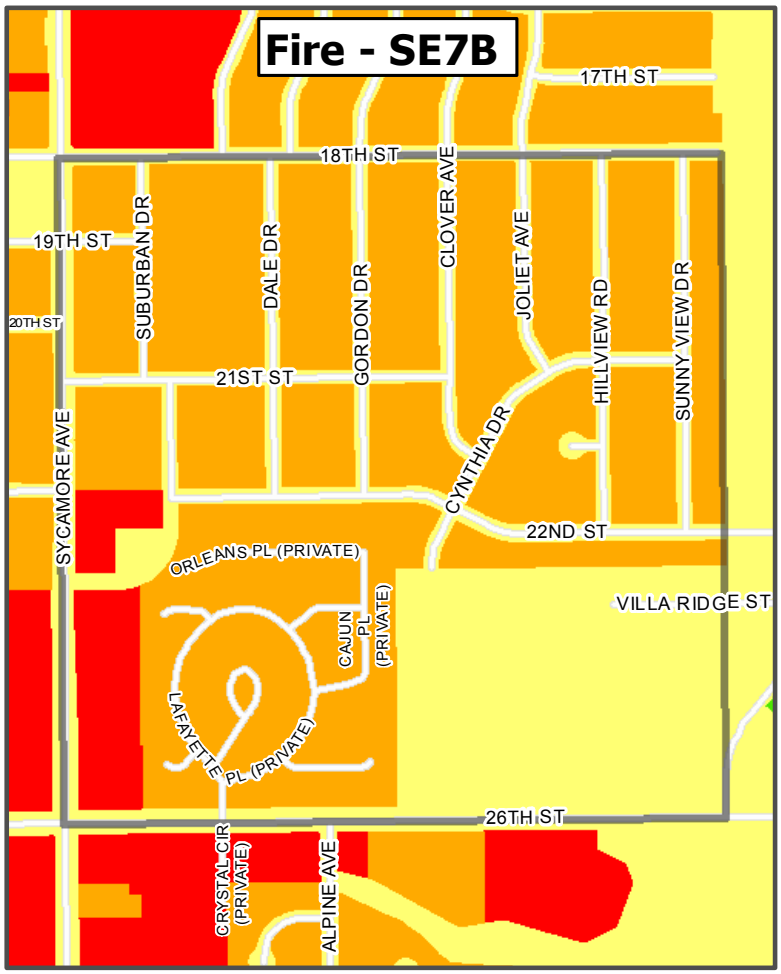







Low | Moderate | High | Special

1 inch = 767 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7C

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 2 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 31 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

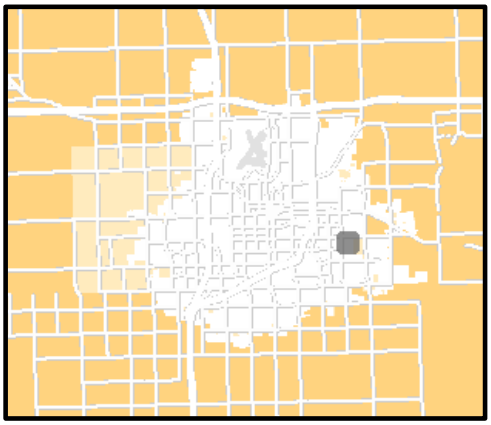
| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

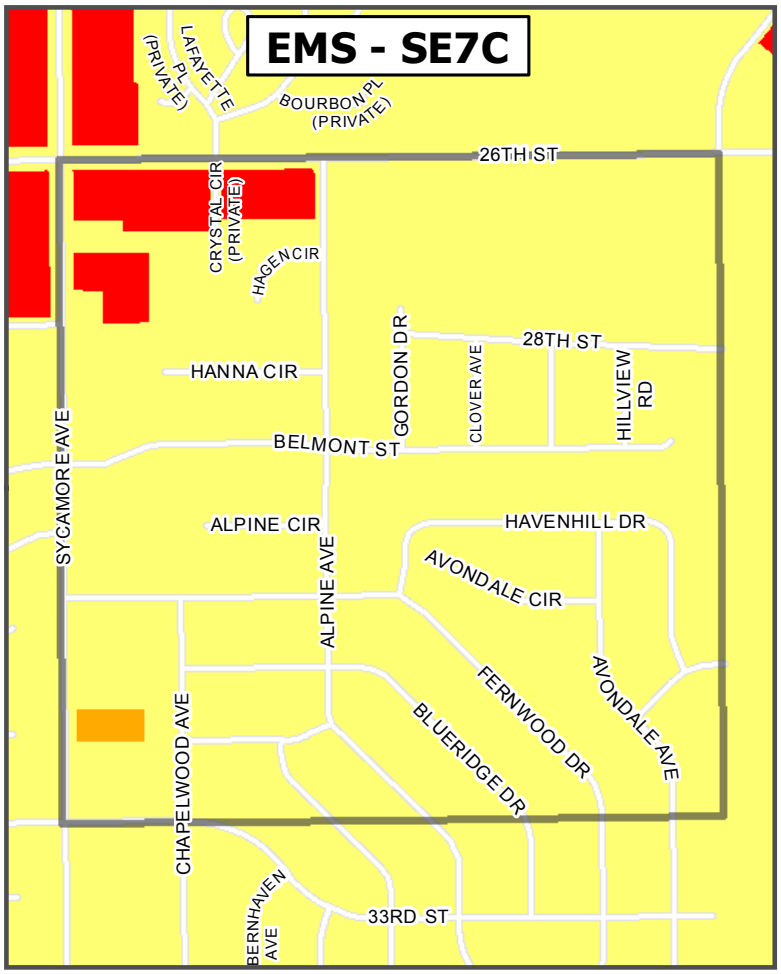
# SE7C

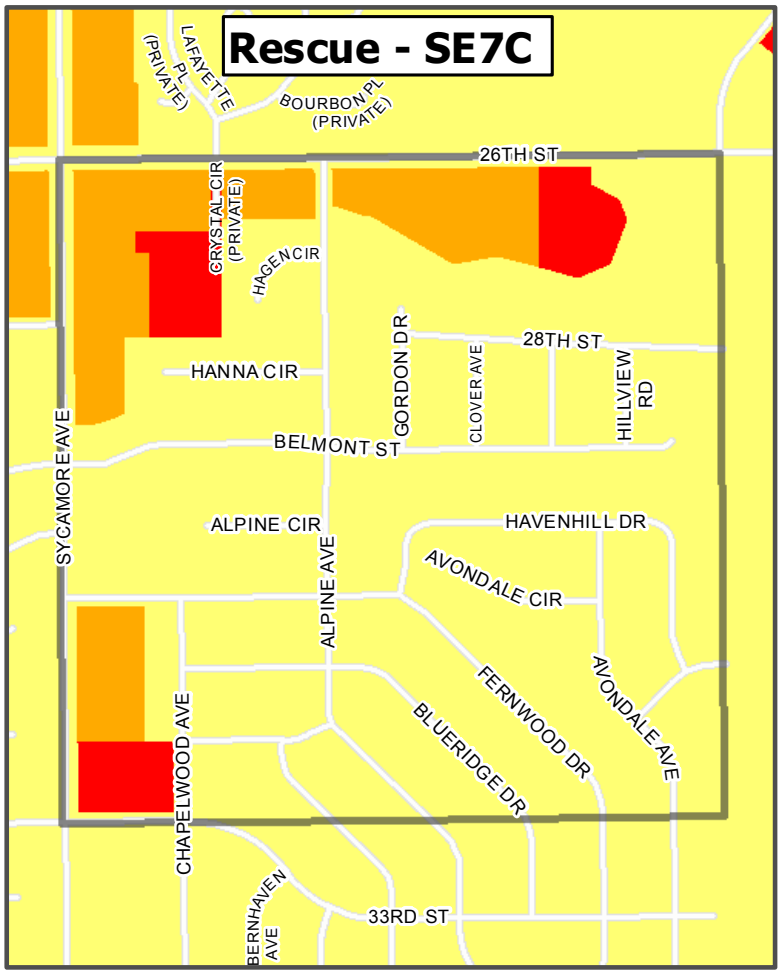
- Fire
- Rescue
- HazMat
- EMS
- SUB Substation
- Transmission Line
- Major Gas Line

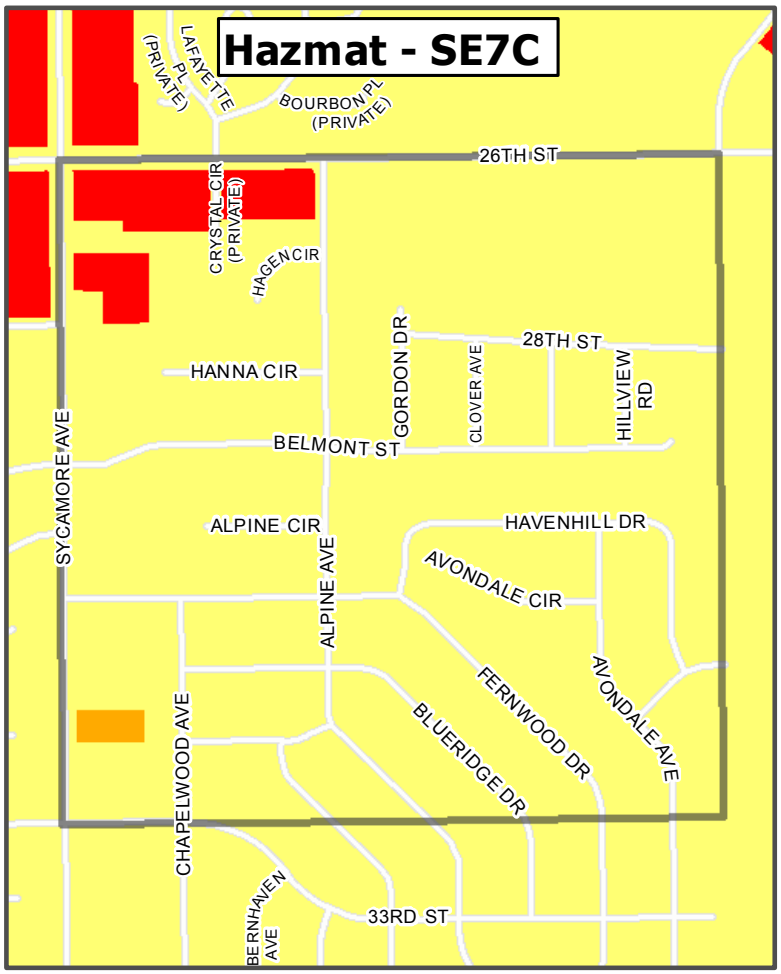
Floodplain

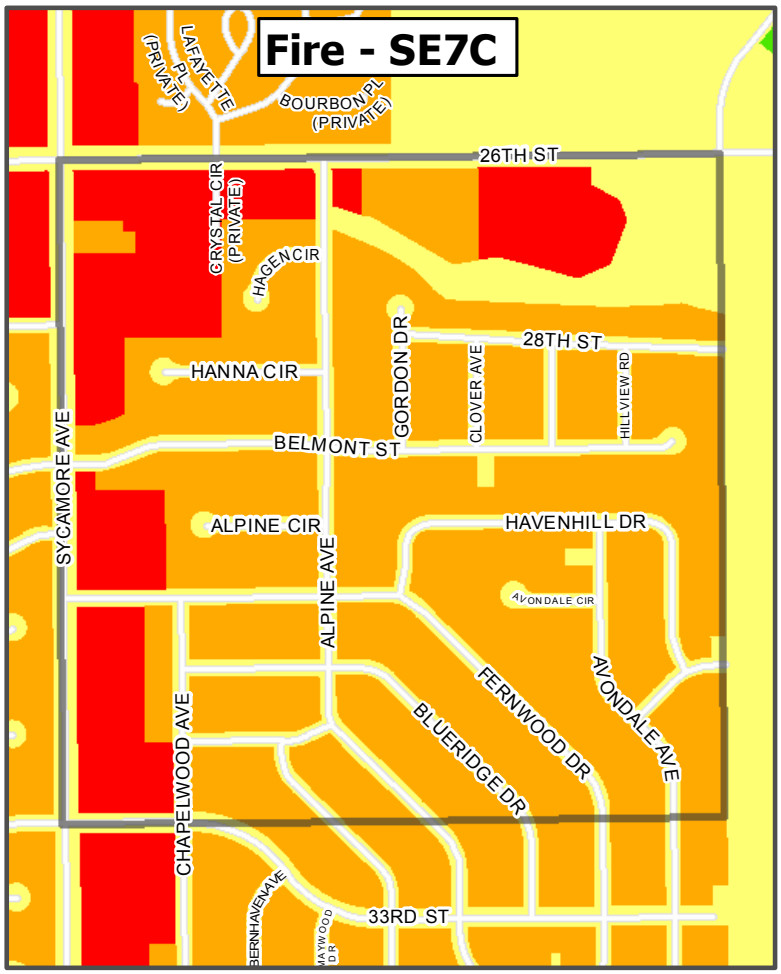
- 0.2 percent Annual Chance
- 1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 28 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| SF LUTHERAN PRESCHOOL | Type 1 | School |

# SE7D

Fire

Rescue

HazMat

EMS

SUB Substation

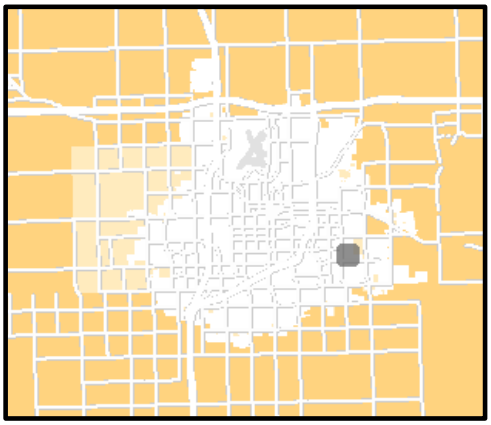
Transmission Line

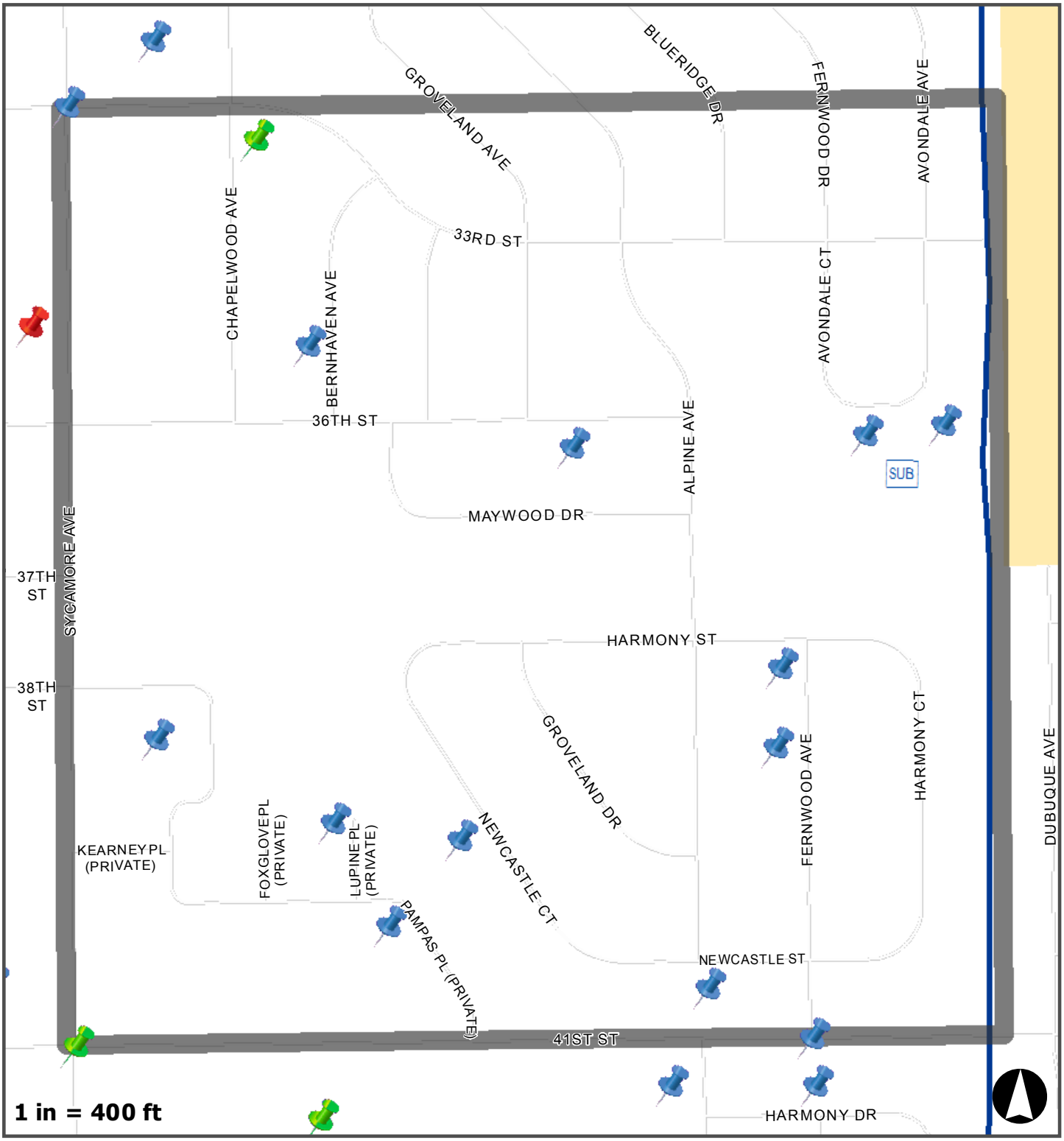
Major Gas Line

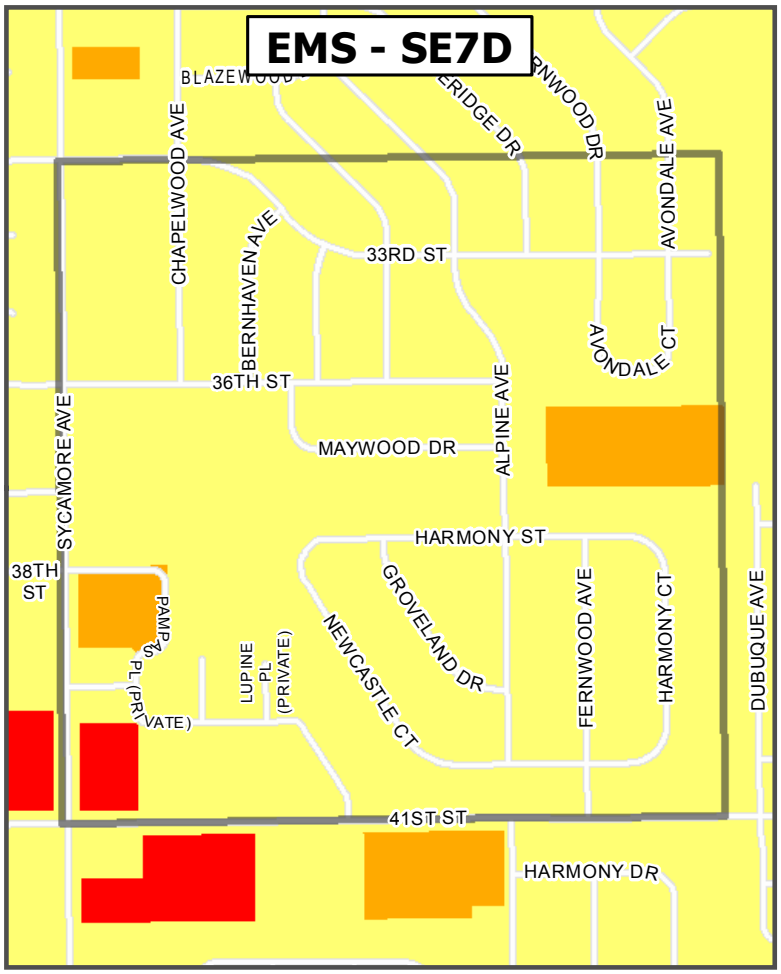
Floodplain

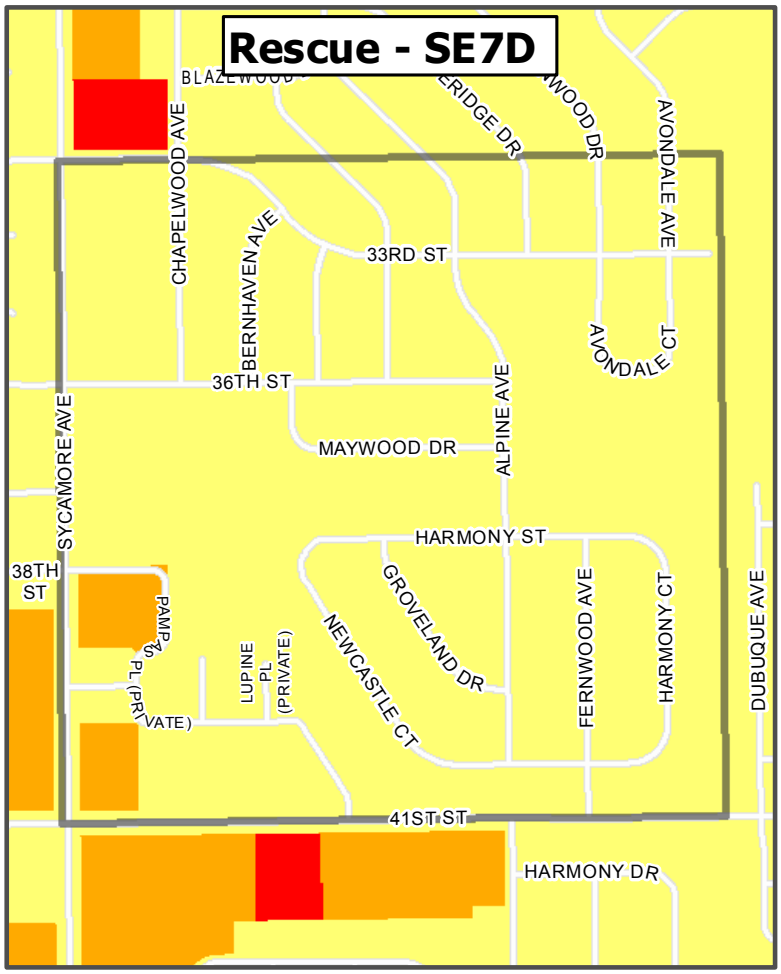
0.2 percent Annual Chance

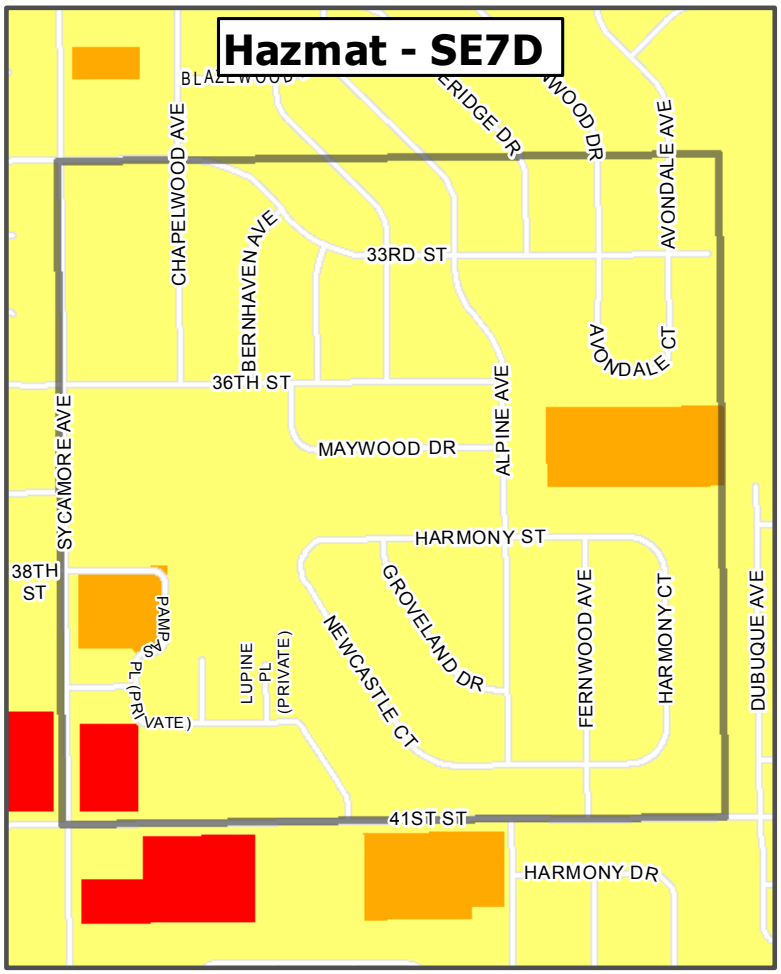
1 percent Annual Chance

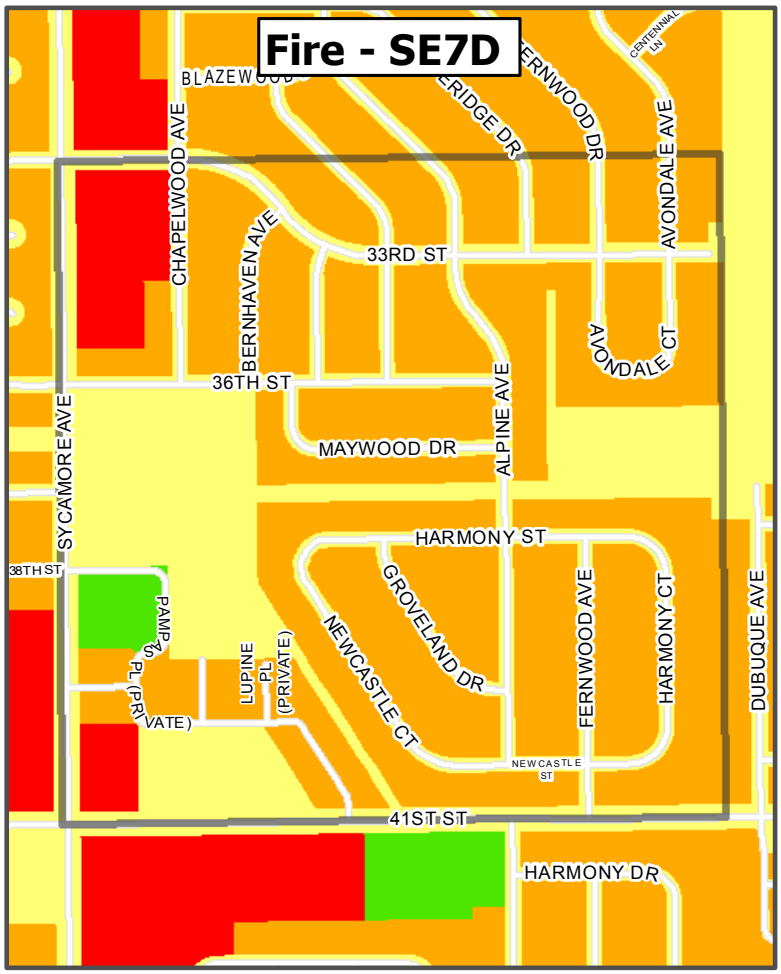







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7E

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 18 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 3 |
| Hazmat - Moderate | 1 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE7E

Fire

Rescue

HazMat

EMS

SUB Substation

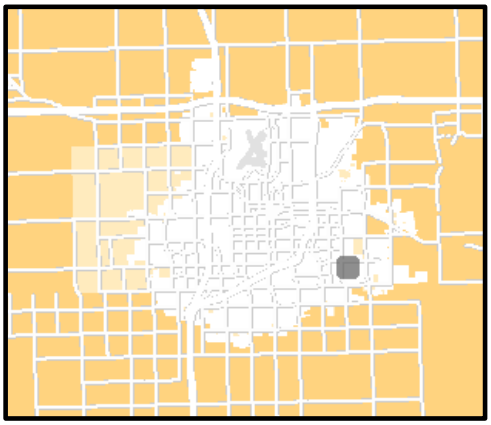
Transmission Line

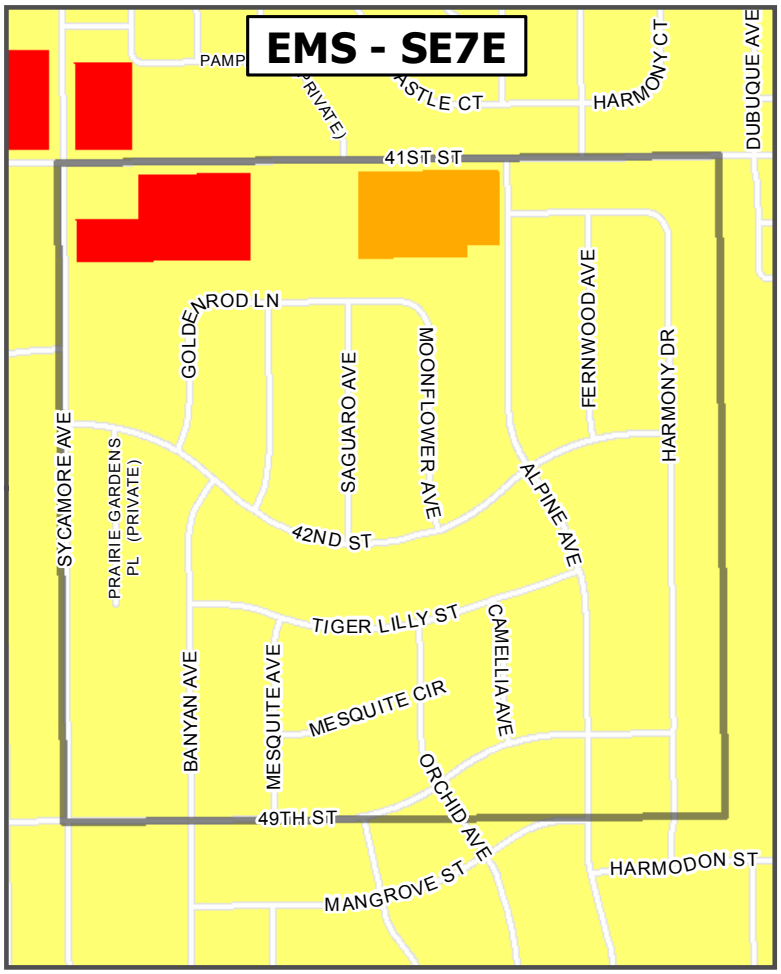
Major Gas Line

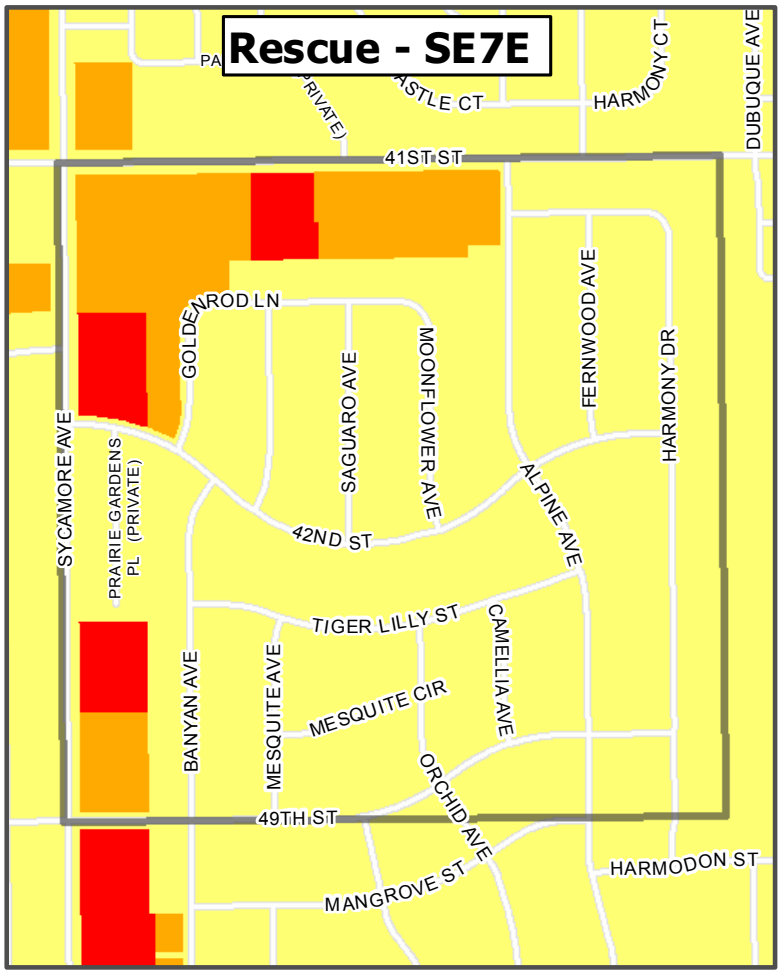
Floodplain

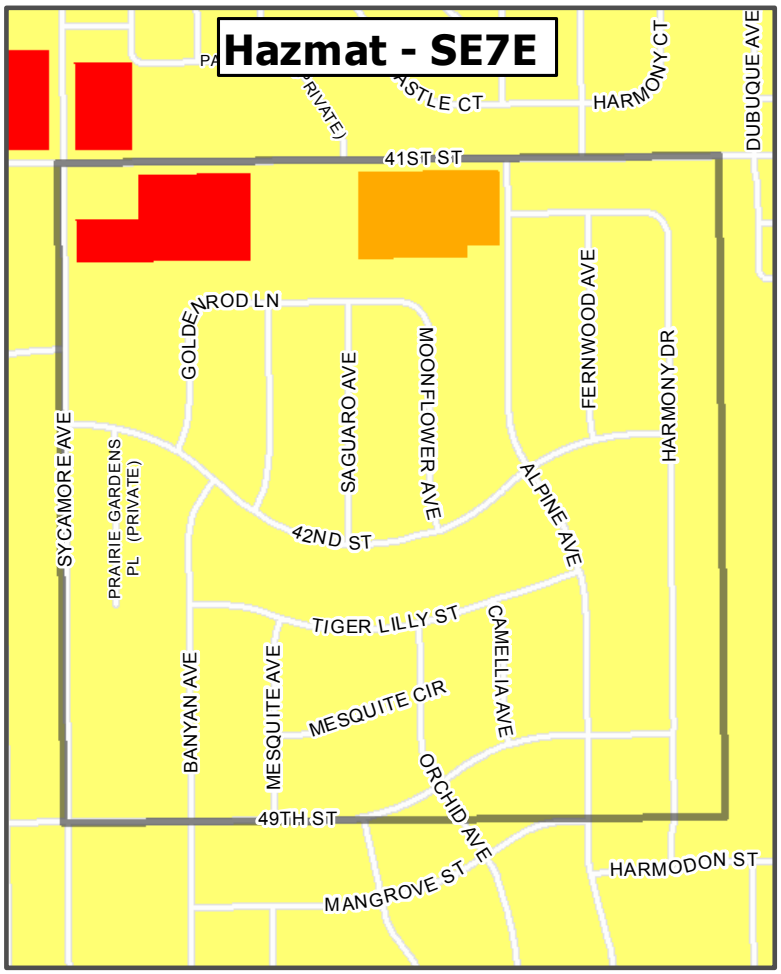
0.2 percent Annual Chance

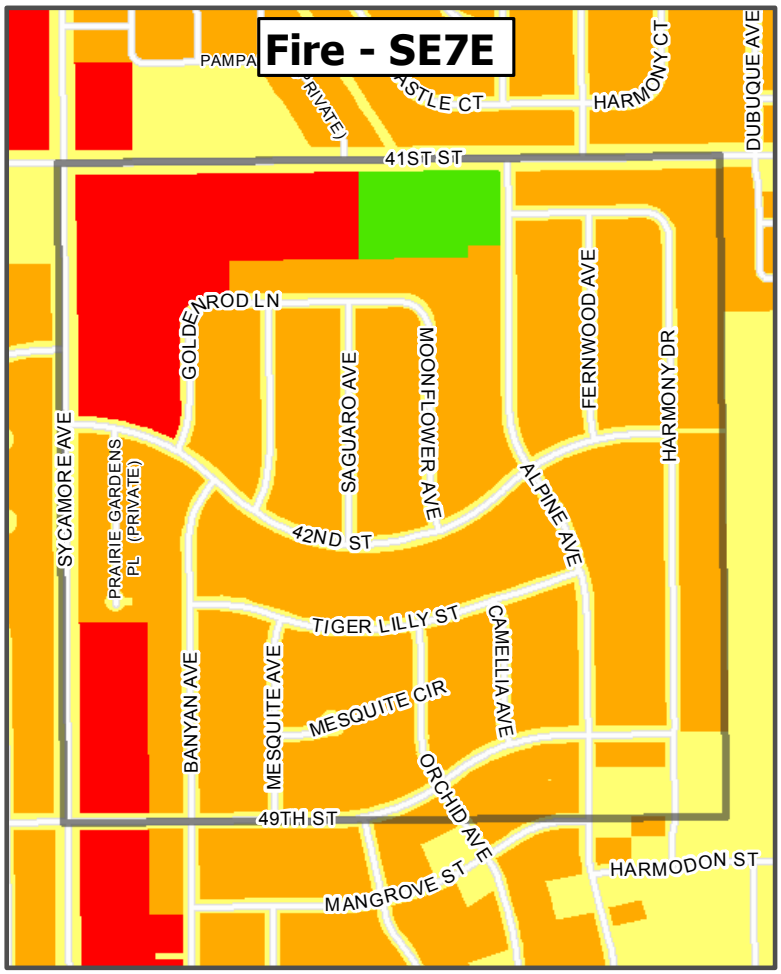
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 770 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7F

| Frequency of Fires | |
|---|---|
| Residential | 1 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 1 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 18 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE7F

Fire

Rescue

HazMat

EMS

SUB Substation

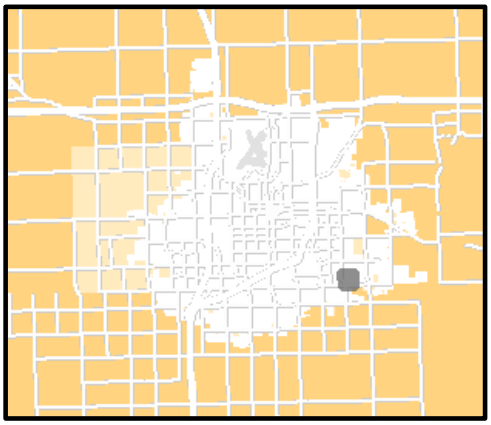
Transmission Line

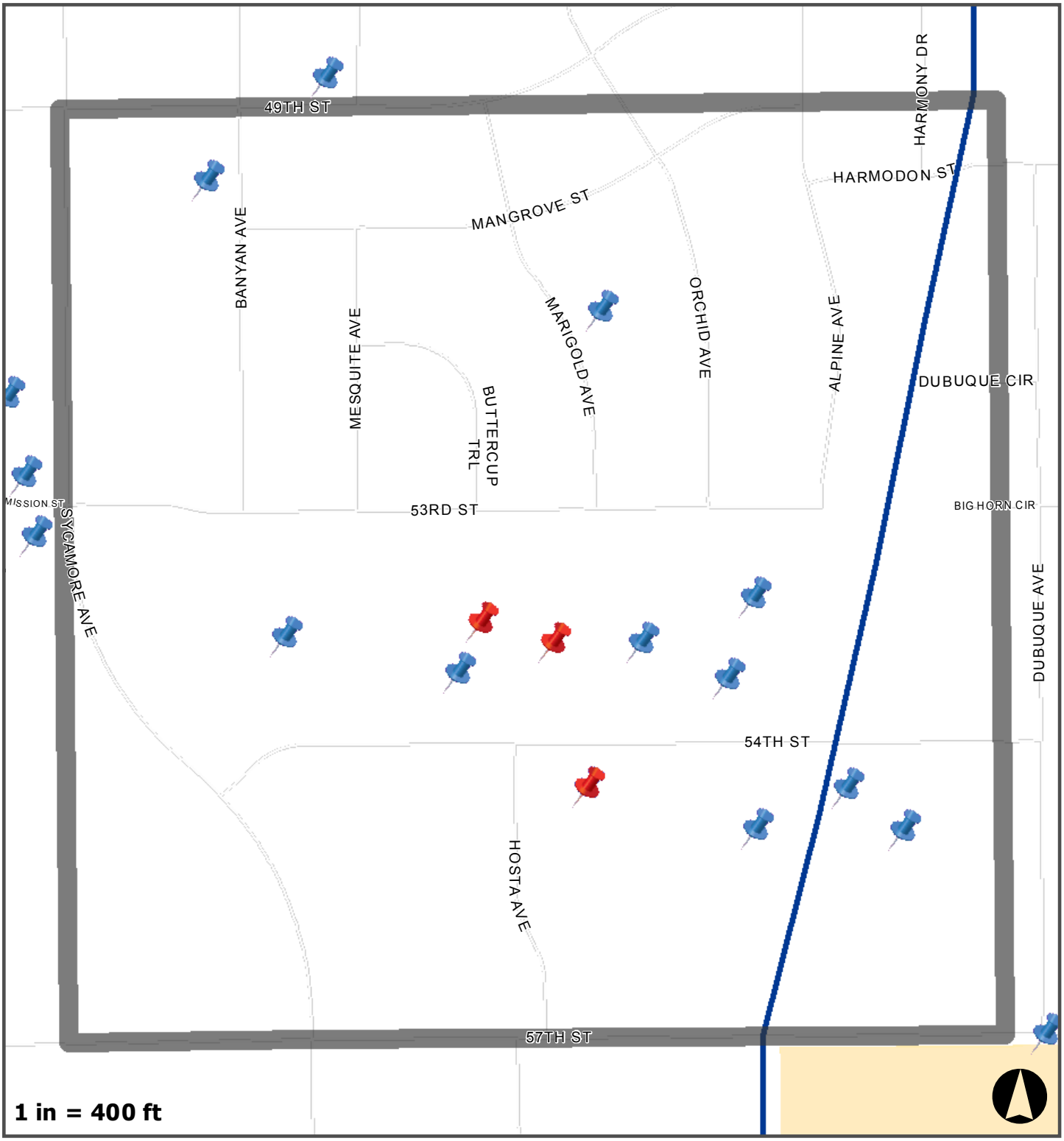
Major Gas Line

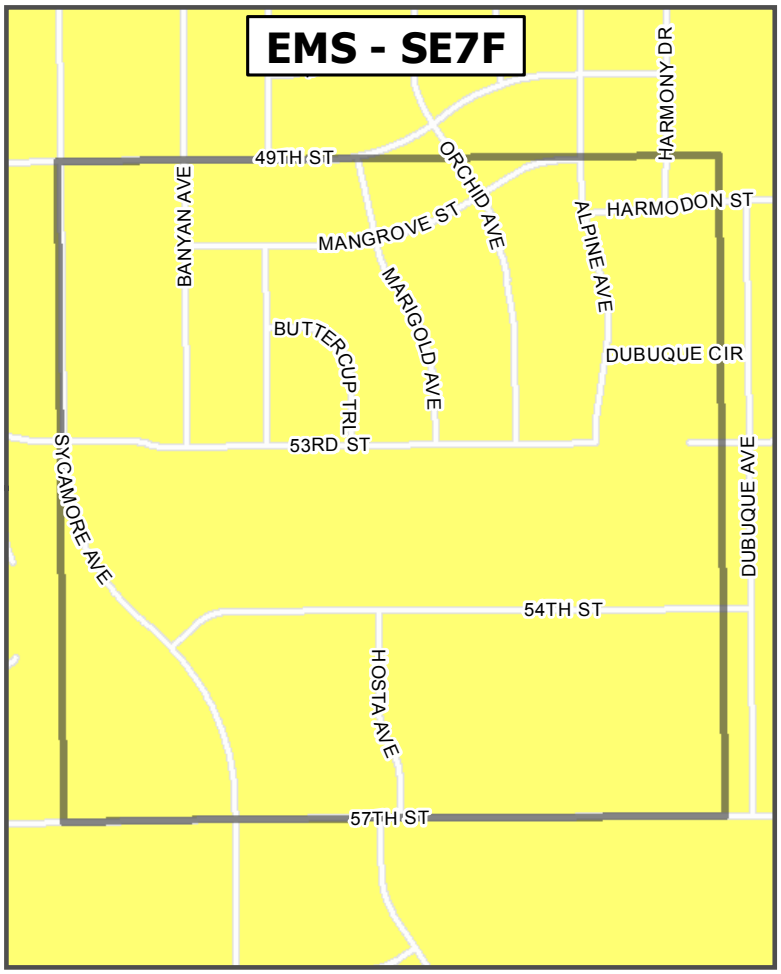
Floodplain

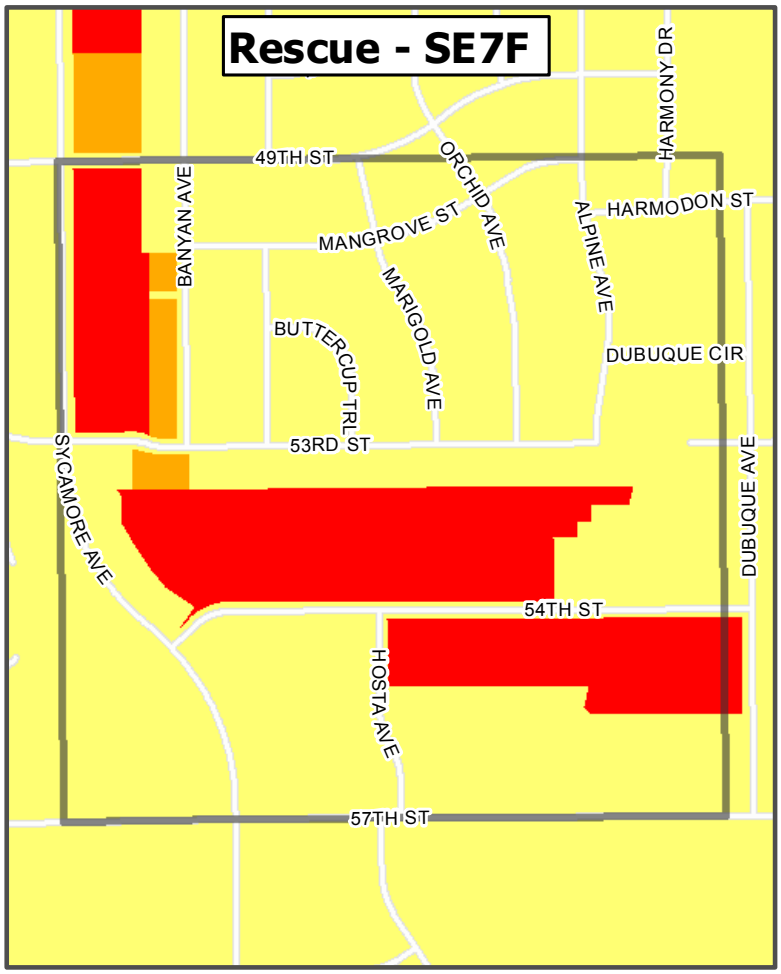
0.2 percent Annual Chance

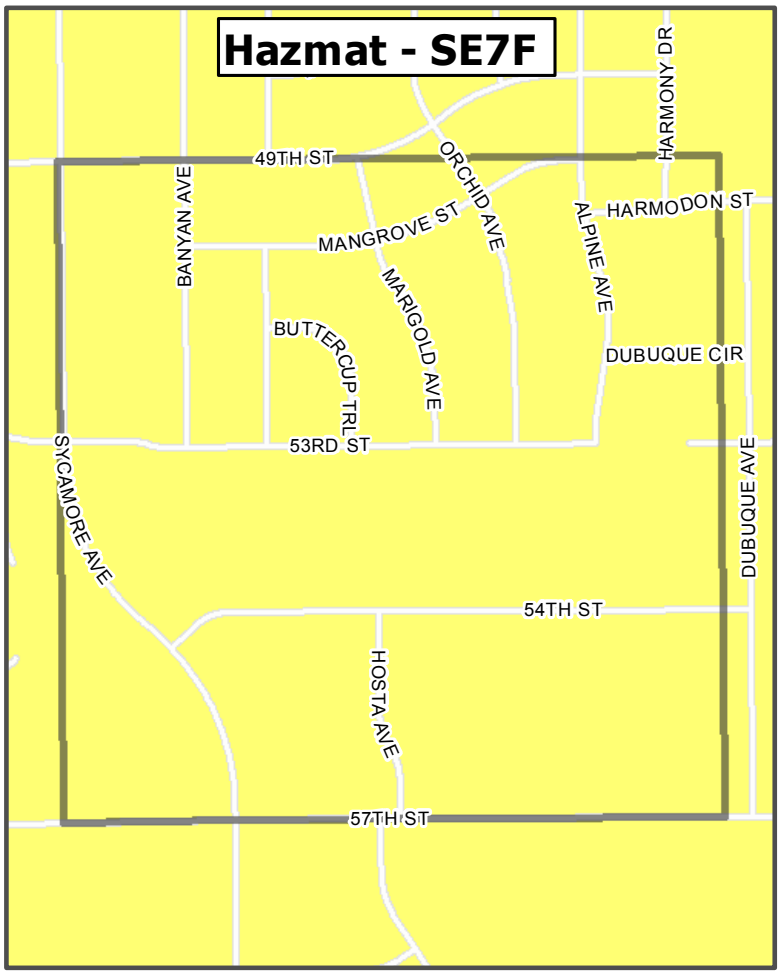
1 percent Annual Chance

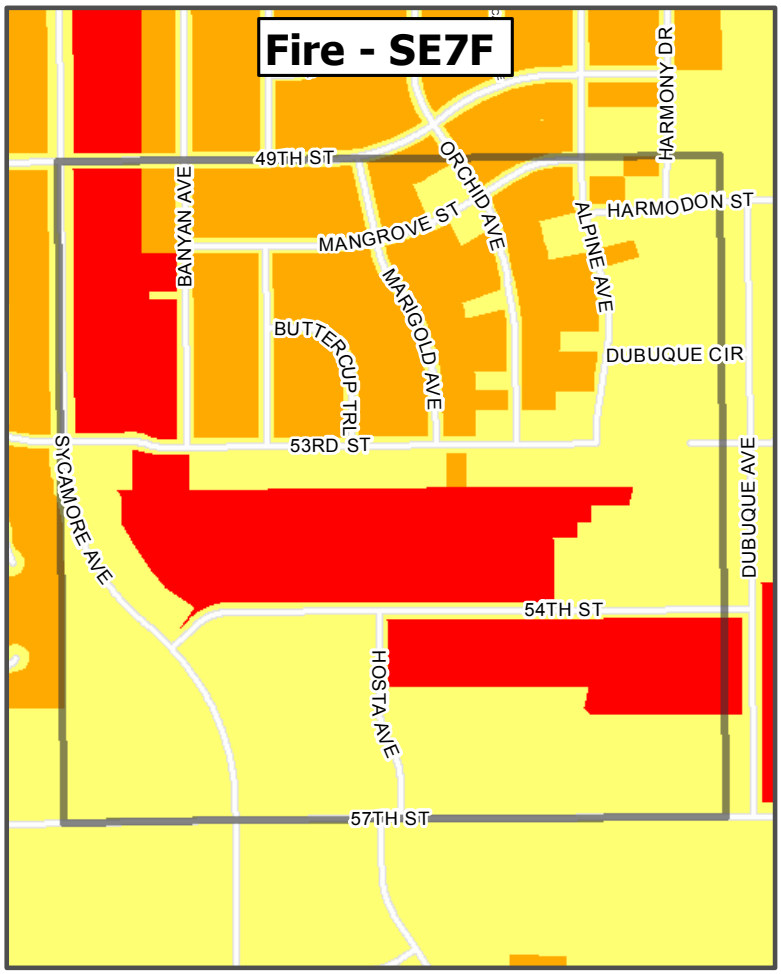







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 1 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE7G

Fire

Rescue

HazMat

EMS

SUB Substation

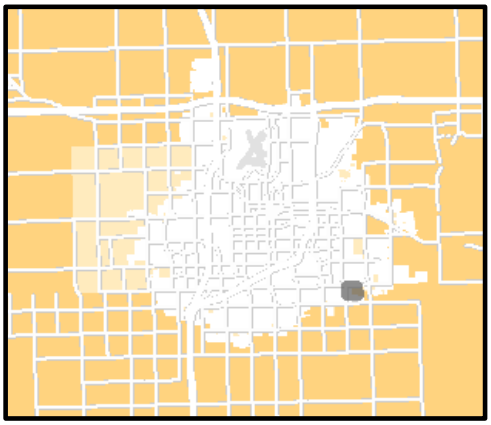
Transmission Line

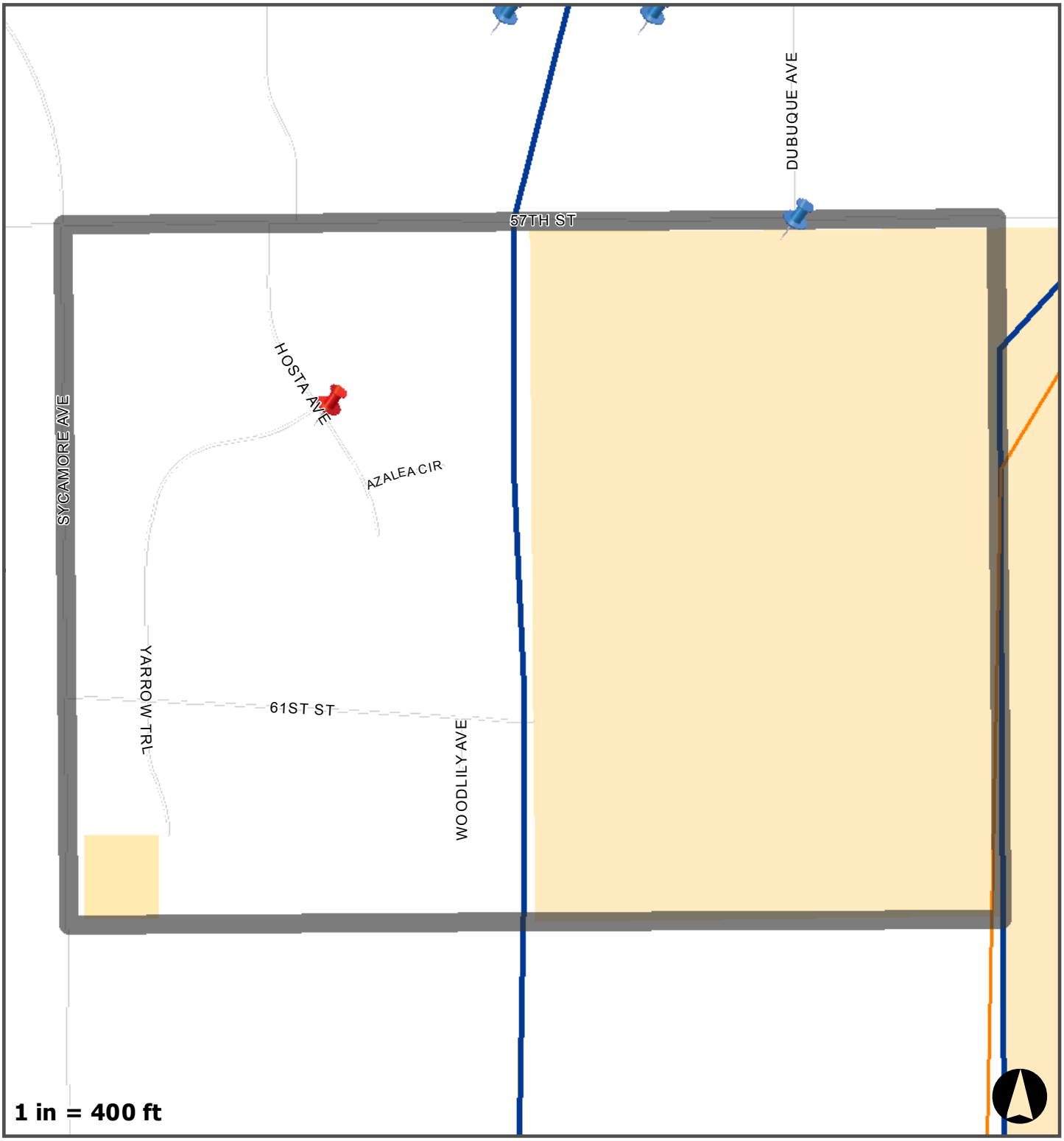
Major Gas Line

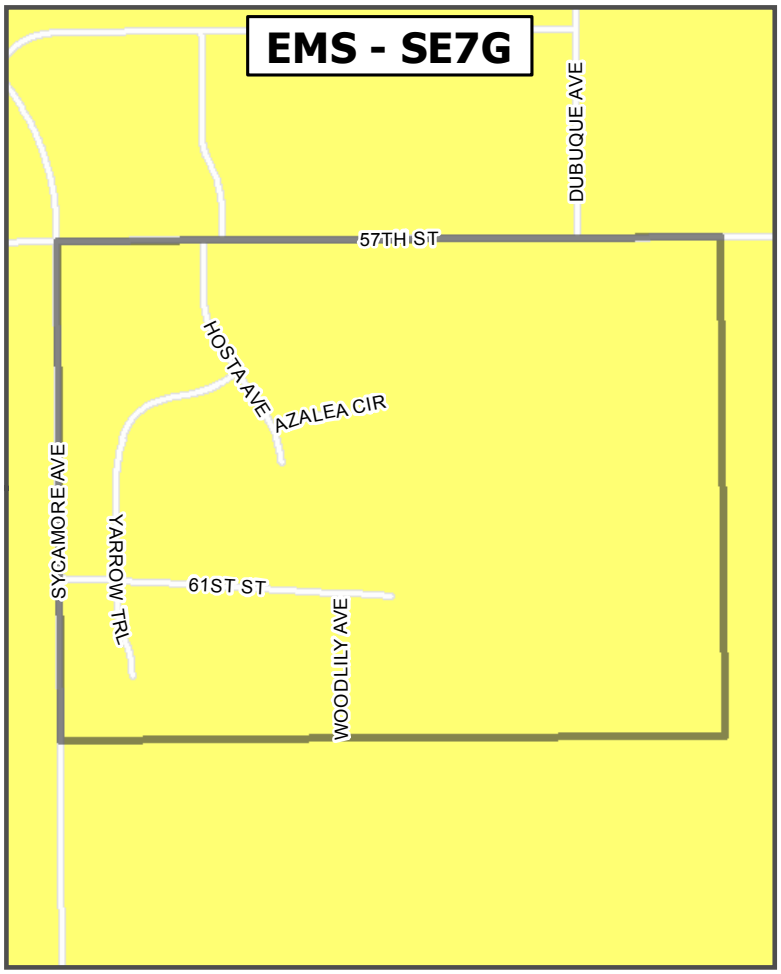
Floodplain

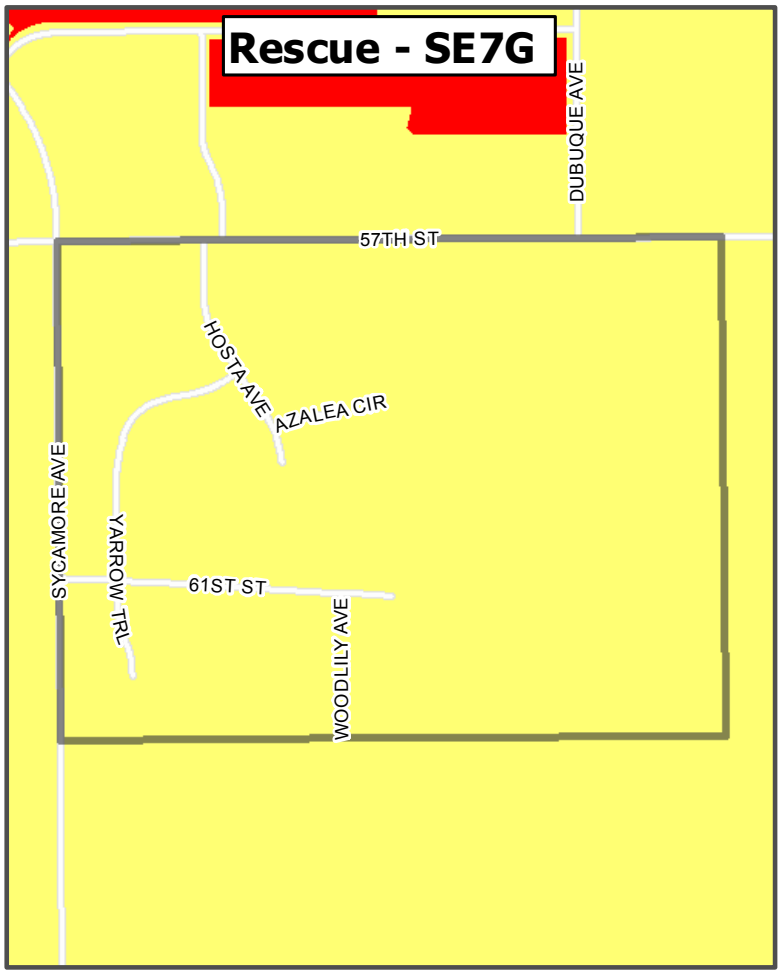
0.2 percent Annual Chance

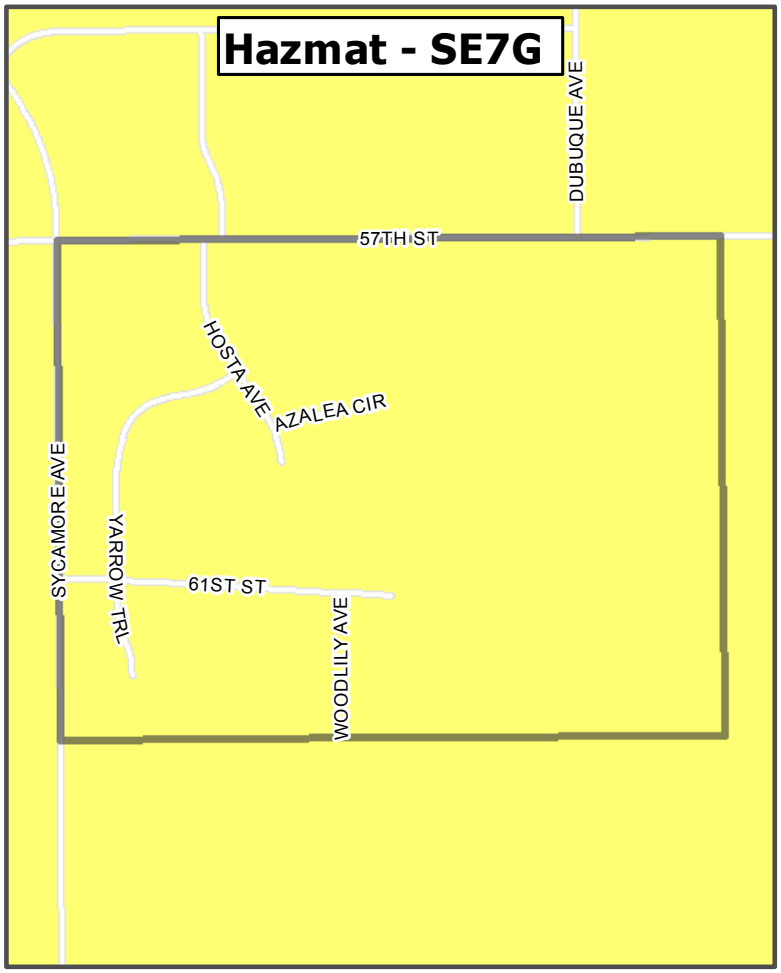
1 percent Annual Chance

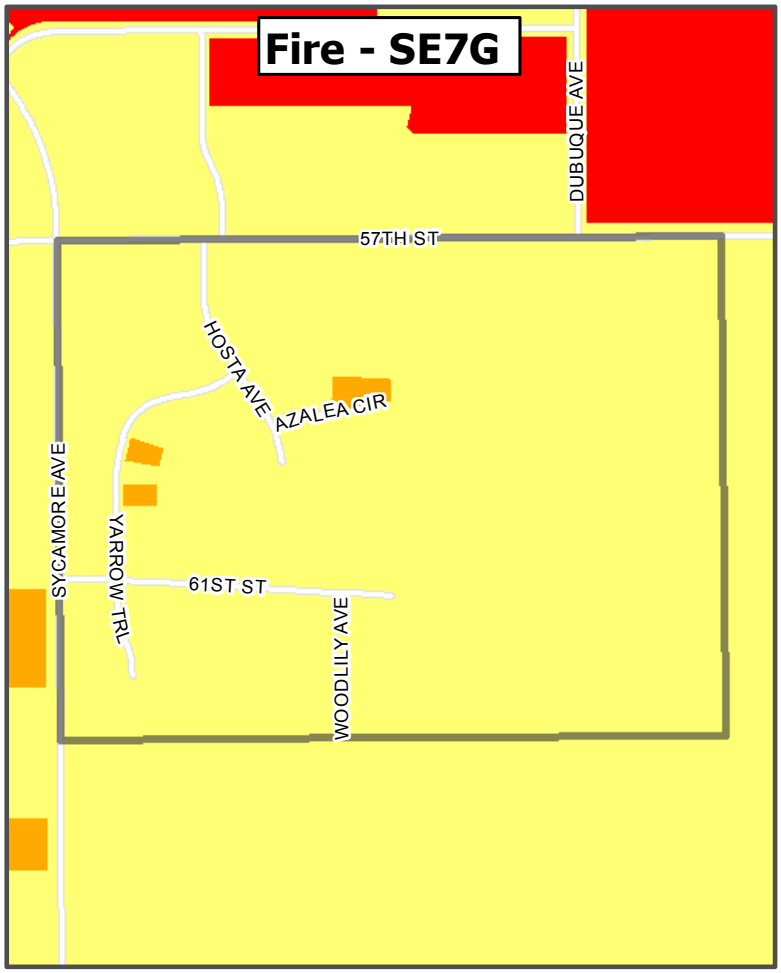







Low | Moderate | High | Special

1 inch = 763 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 7H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE7H

Fire

Rescue

HazMat

EMS

SUB Substation

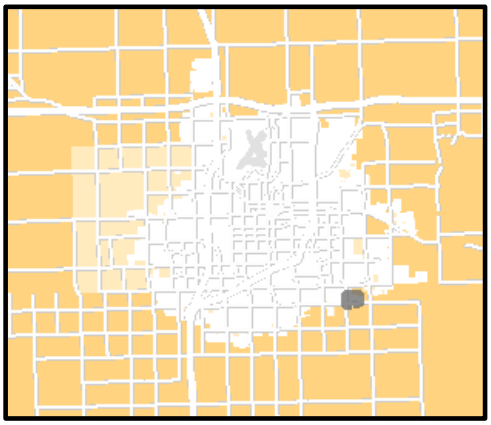
Transmission Line

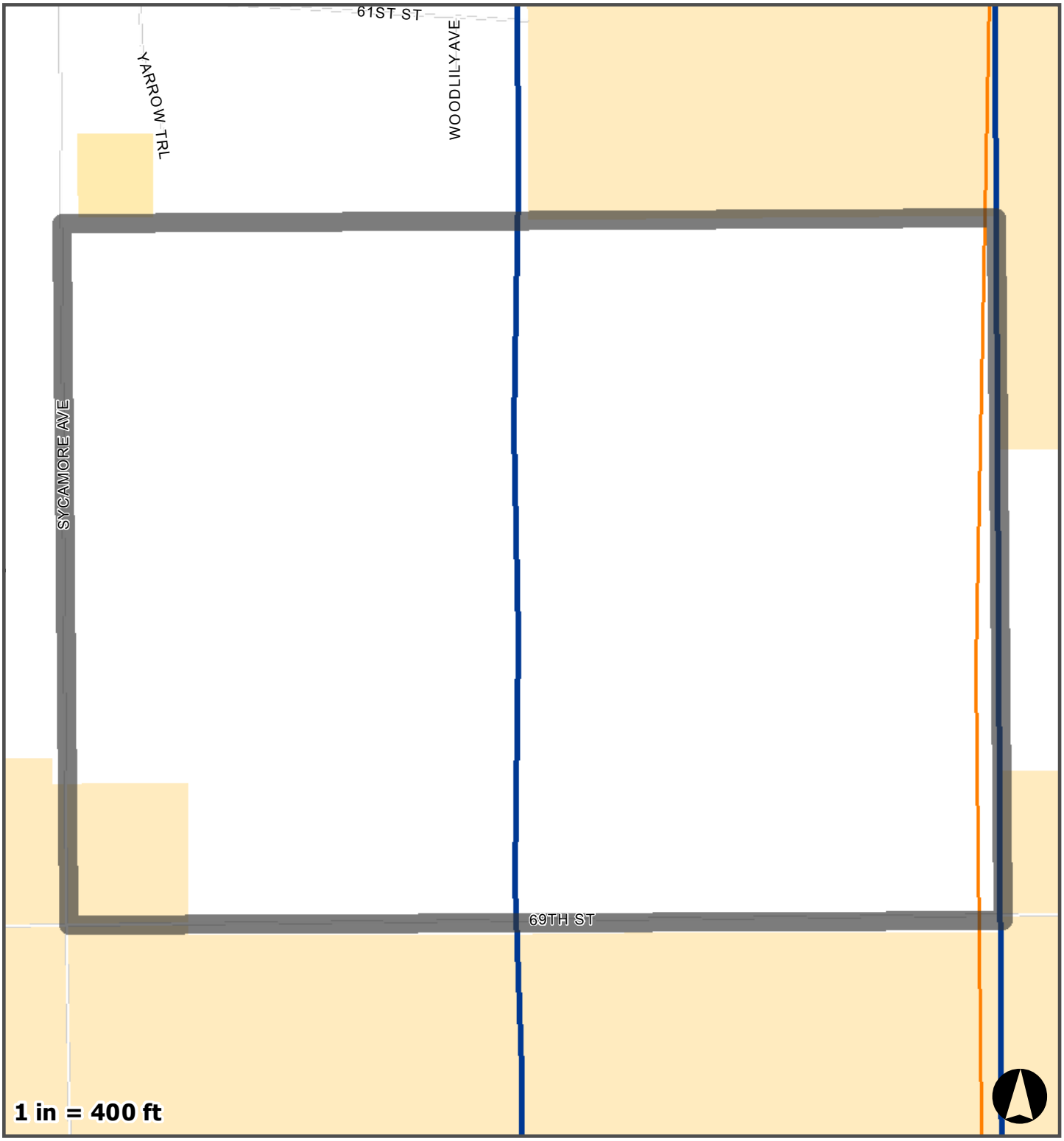
Major Gas Line

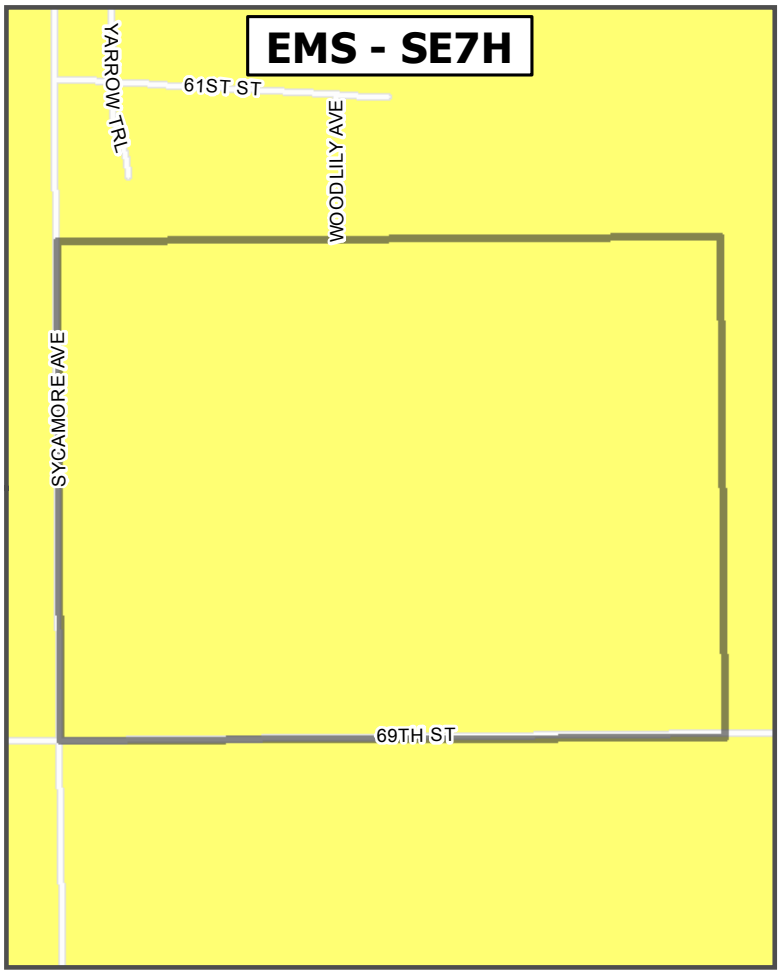
Floodplain

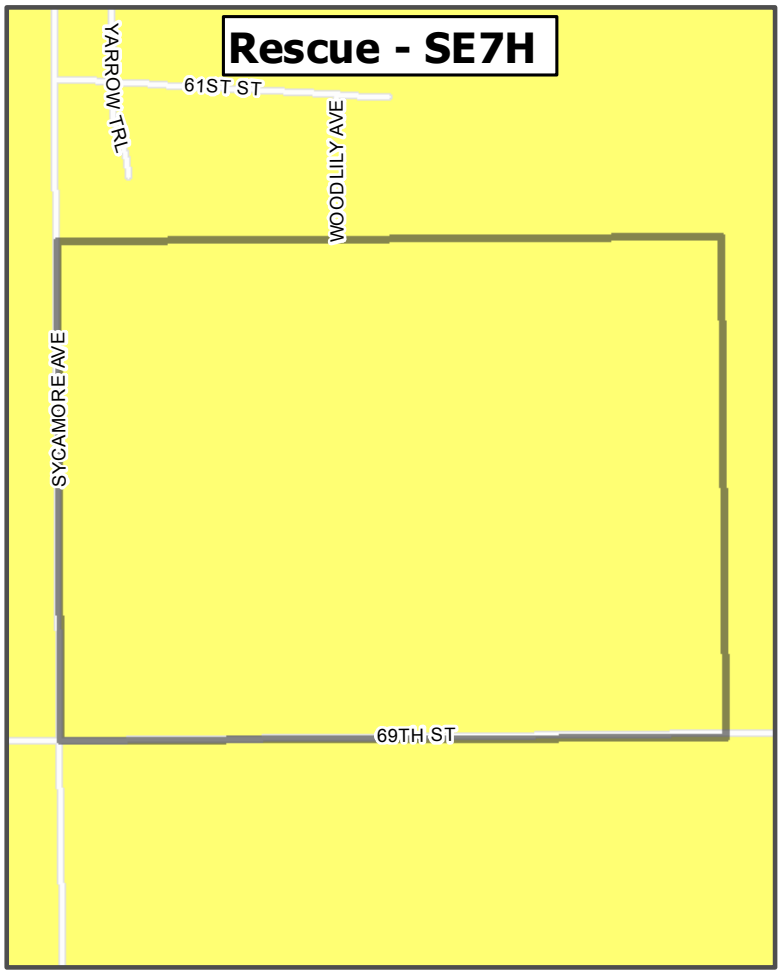
0.2 percent Annual Chance

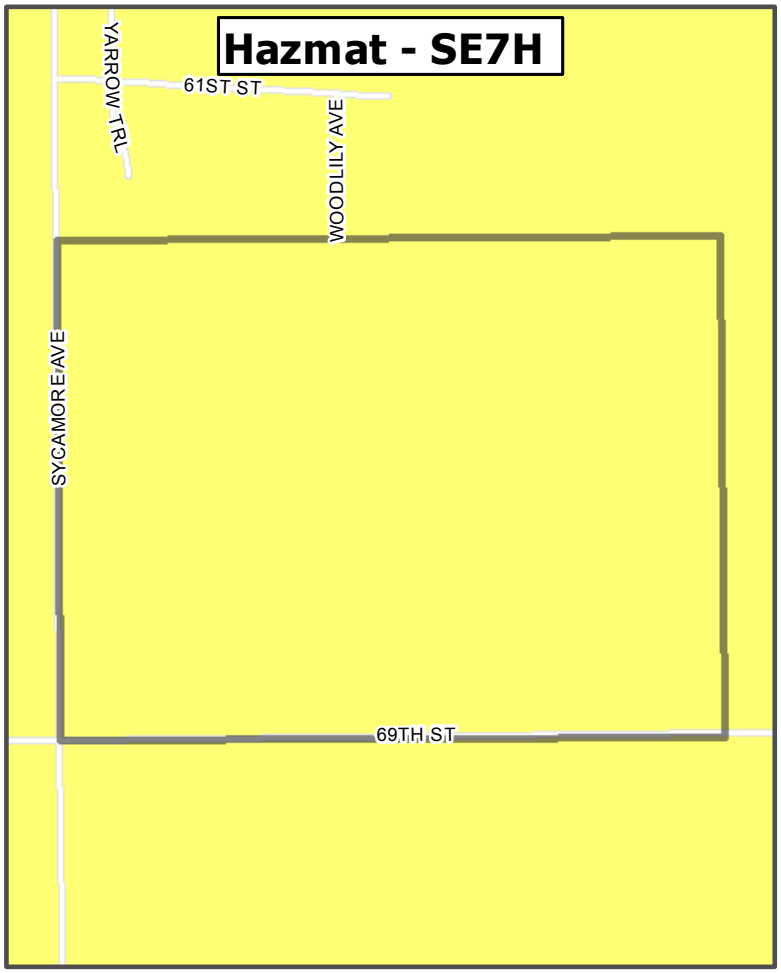
1 percent Annual Chance

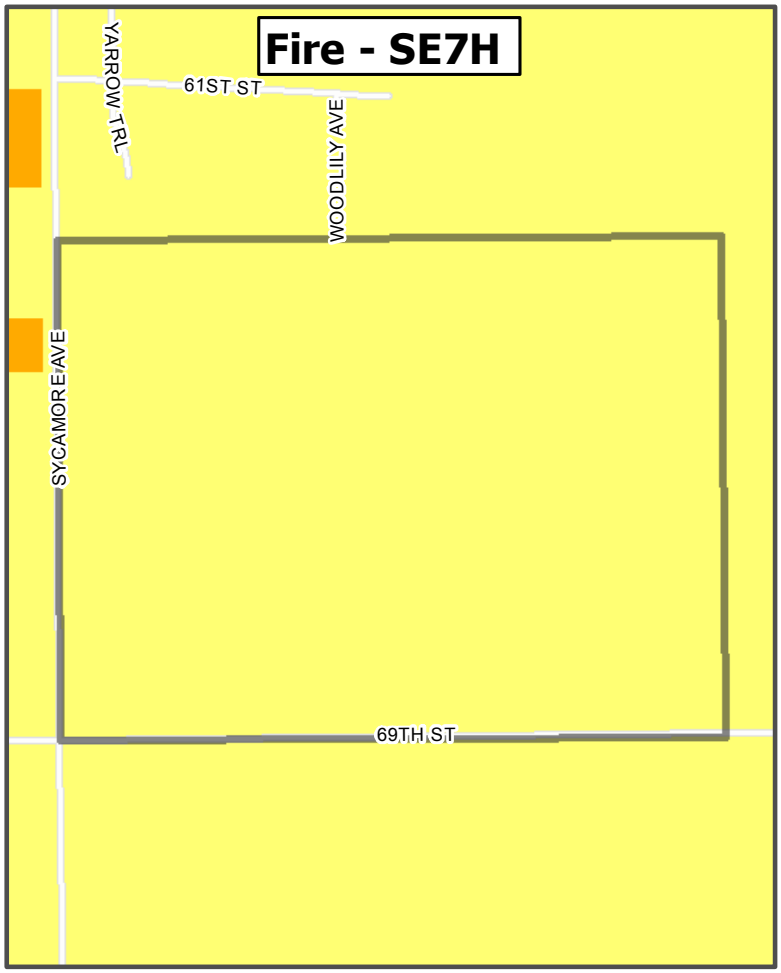







Low | Moderate | High | Special

1 inch = 764 feet

# SE7I

Fire

Rescue

HazMat

EMS

SUB Substation

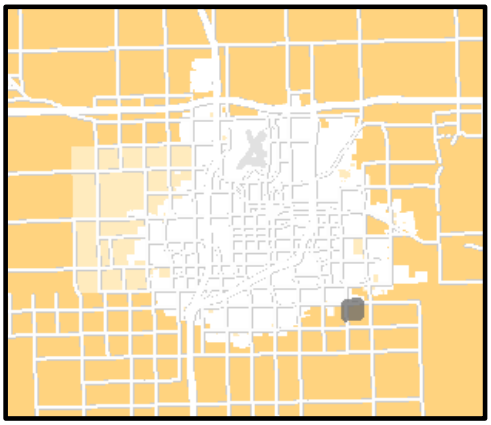
Transmission Line

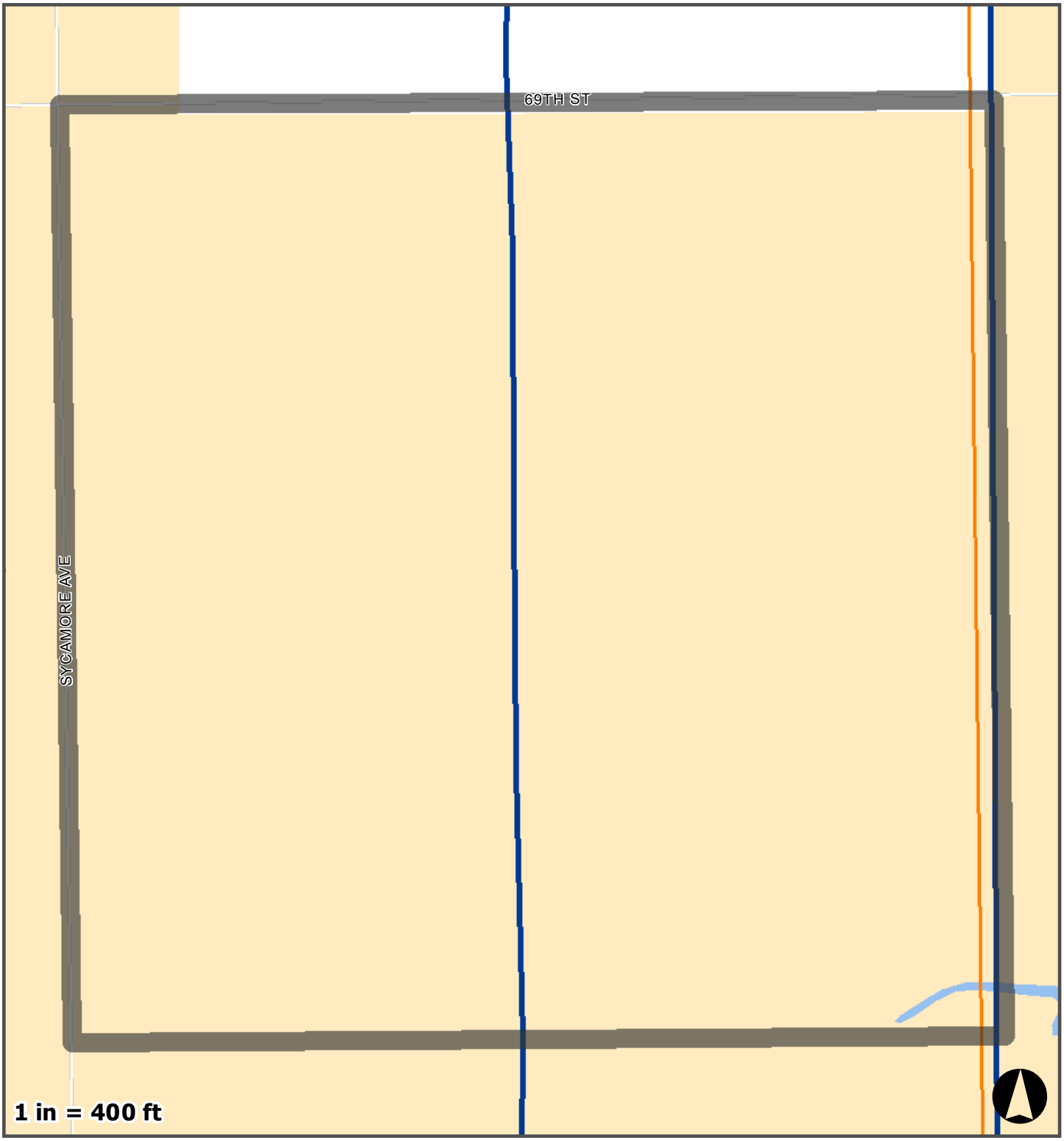
Major Gas Line

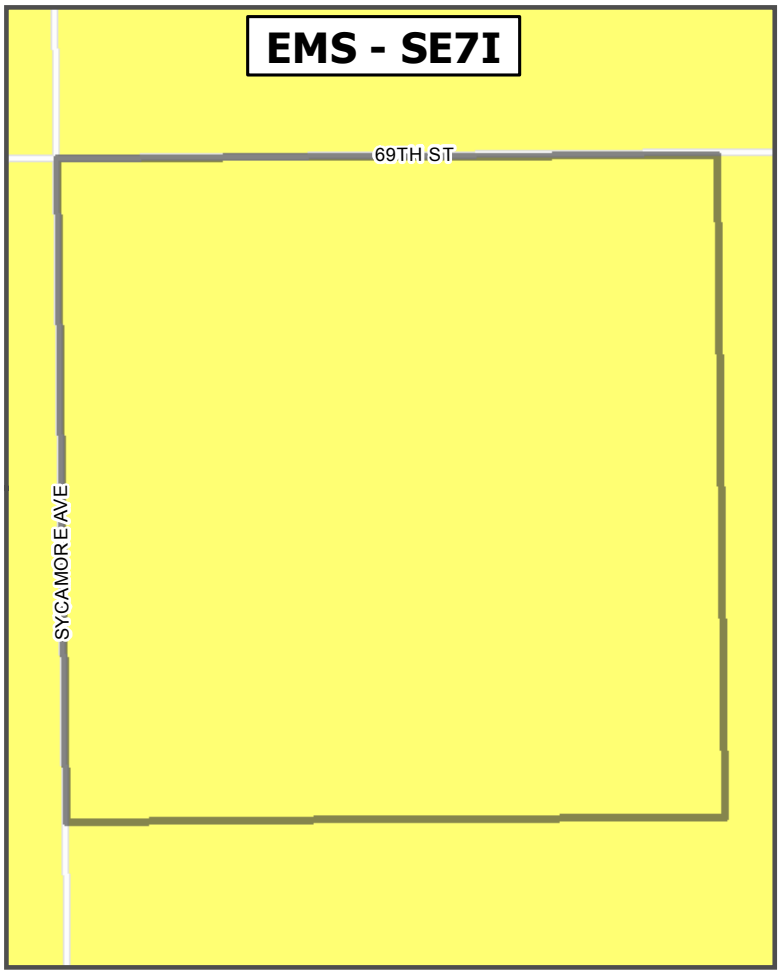
Floodplain

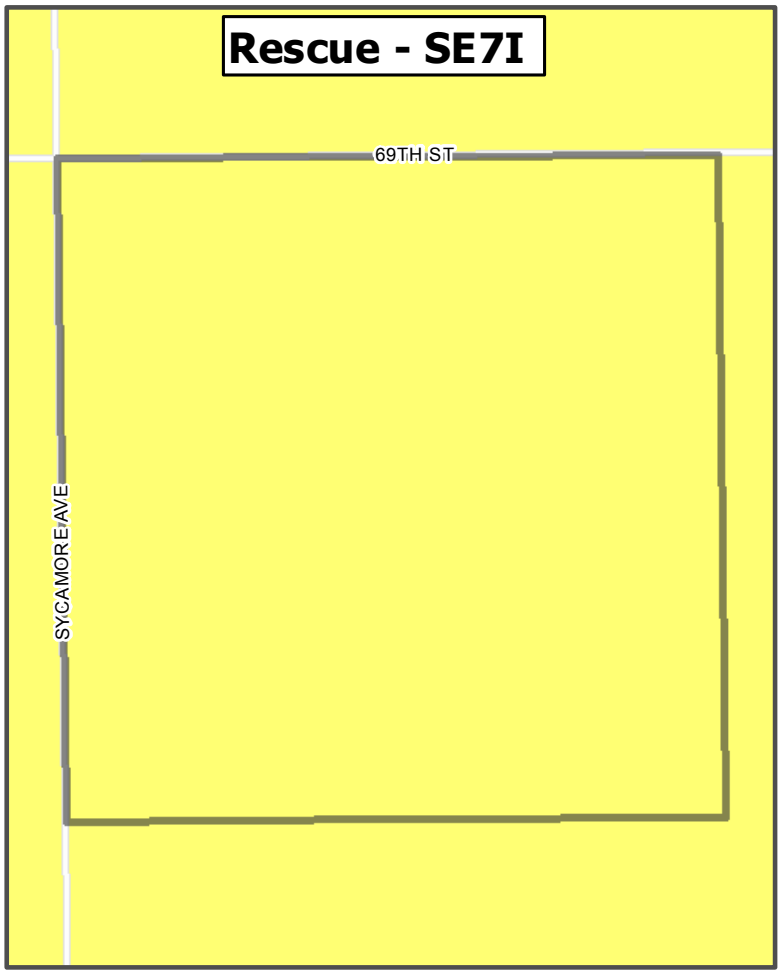
0.2 percent Annual Chance

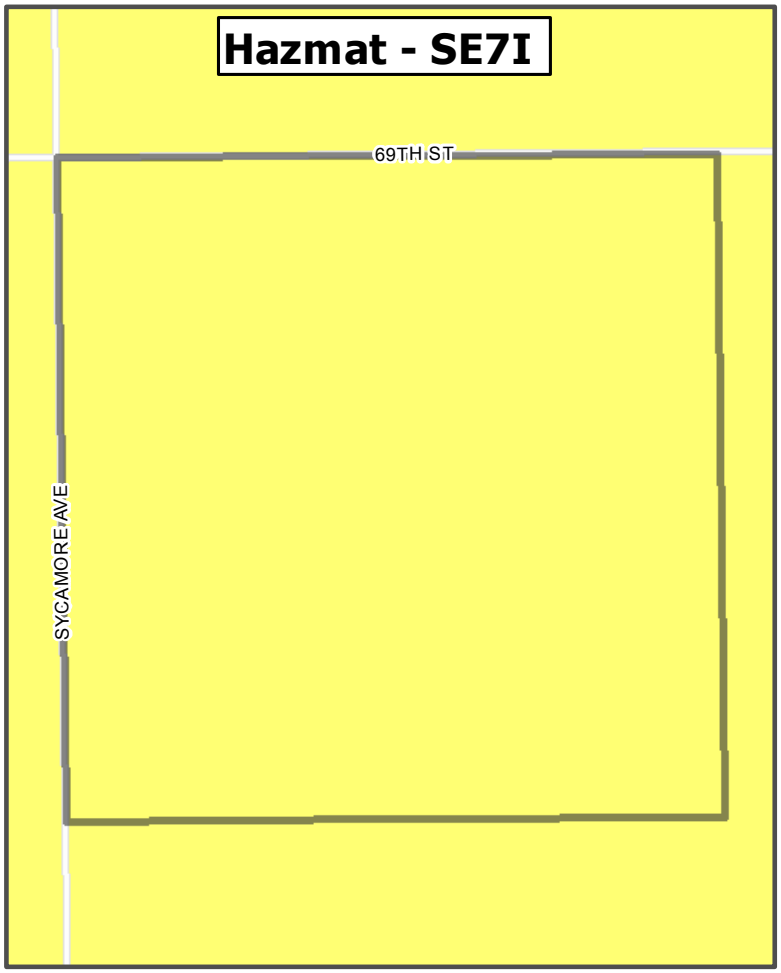
1 percent Annual Chance

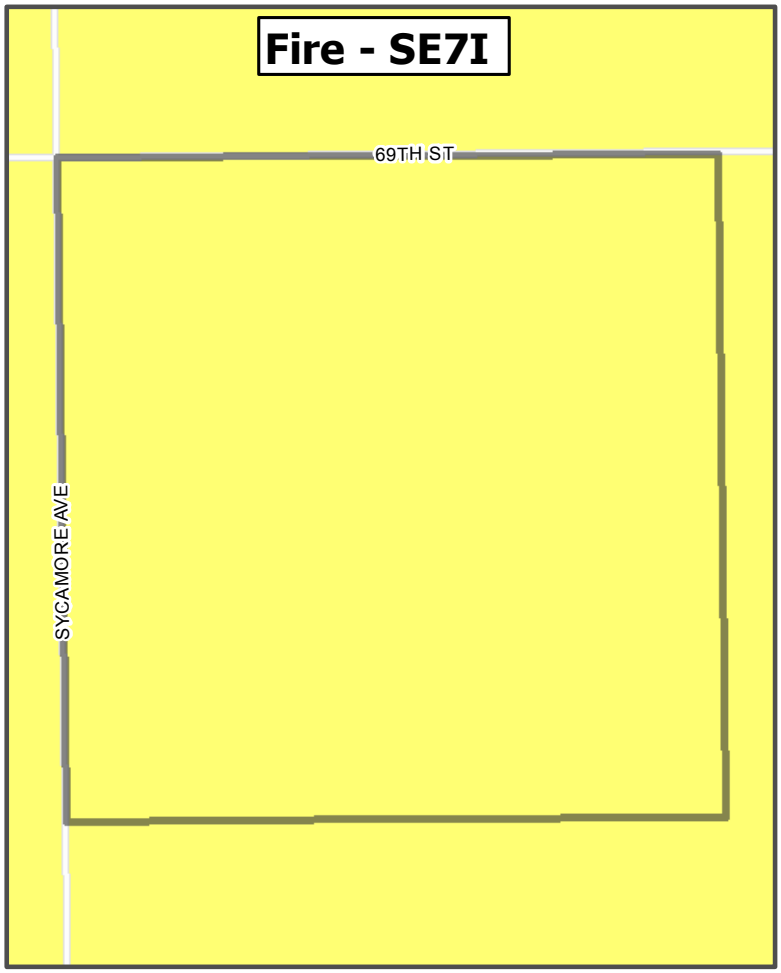







Low Moderate High Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 21 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE8A

Fire

Rescue

HazMat

EMS

SUB Substation

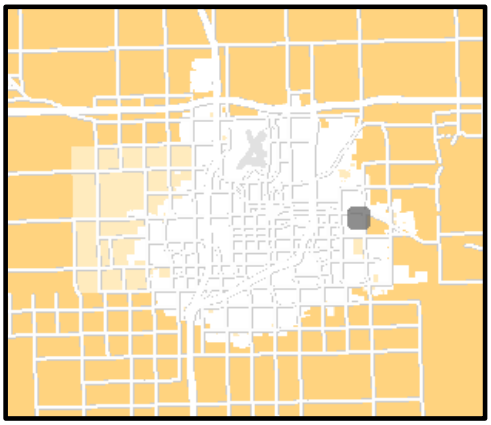
Transmission Line

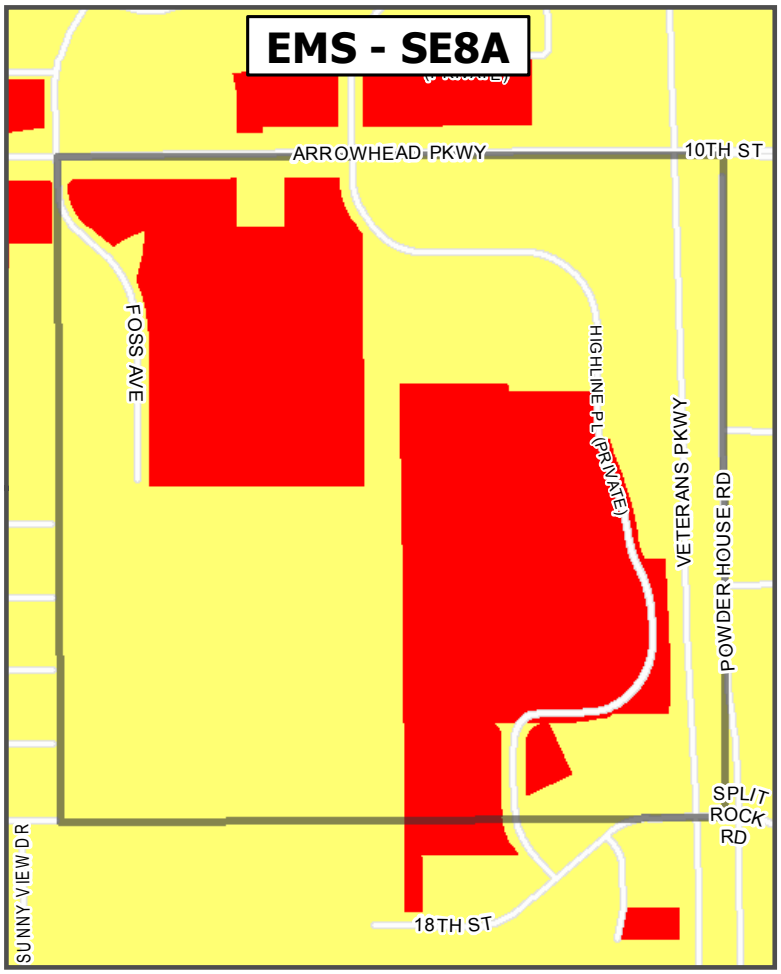
Major Gas Line

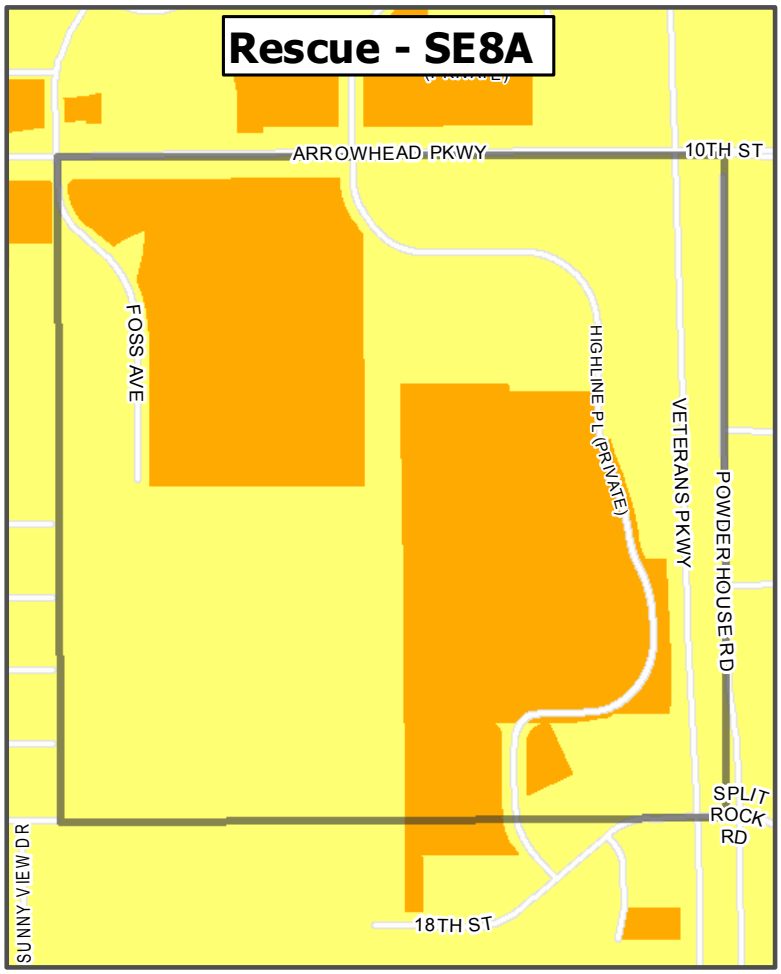
Floodplain

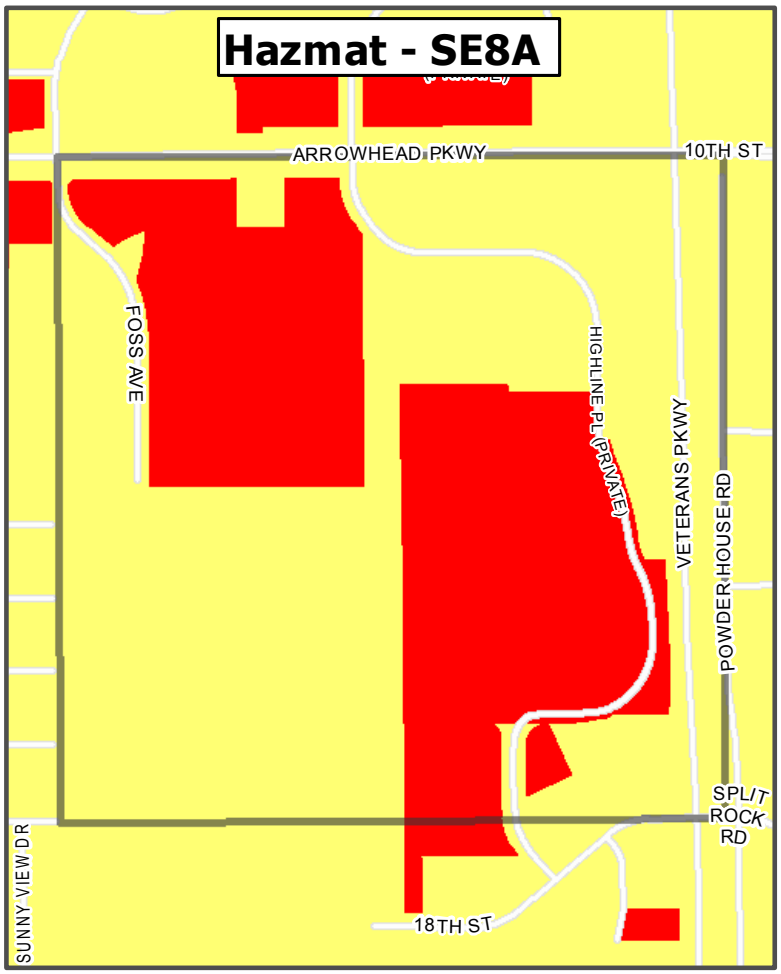
0.2 percent Annual Chance

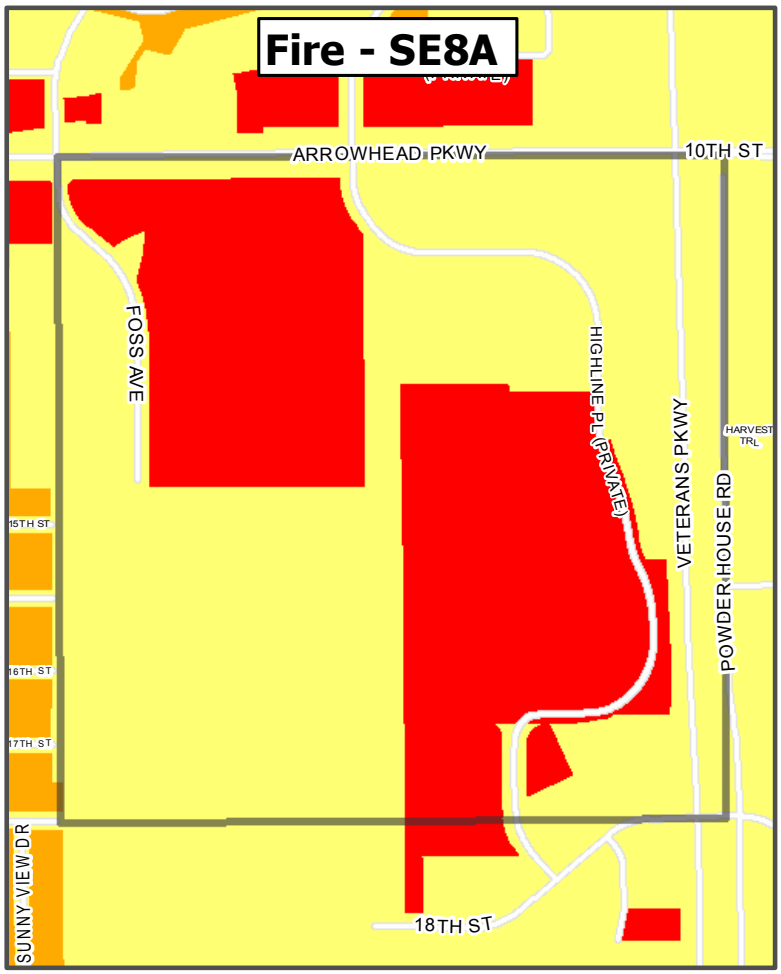
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 765 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 16 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 2 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| ROSA PARKS ELEMENTARY | Type 1 | School |

# SE8B

Fire

Rescue

HazMat

EMS

SUB Substation

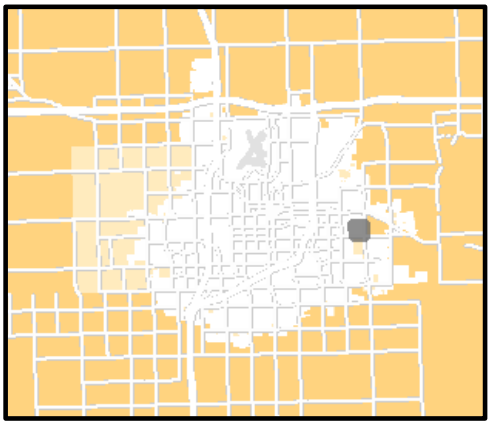
Transmission Line

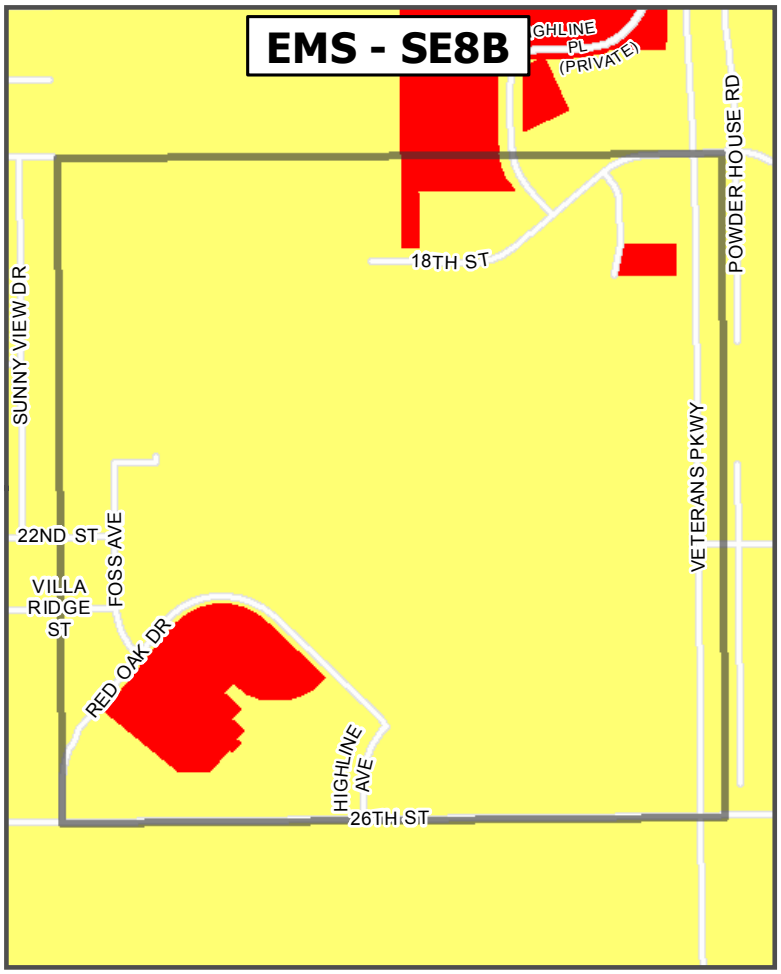
Major Gas Line

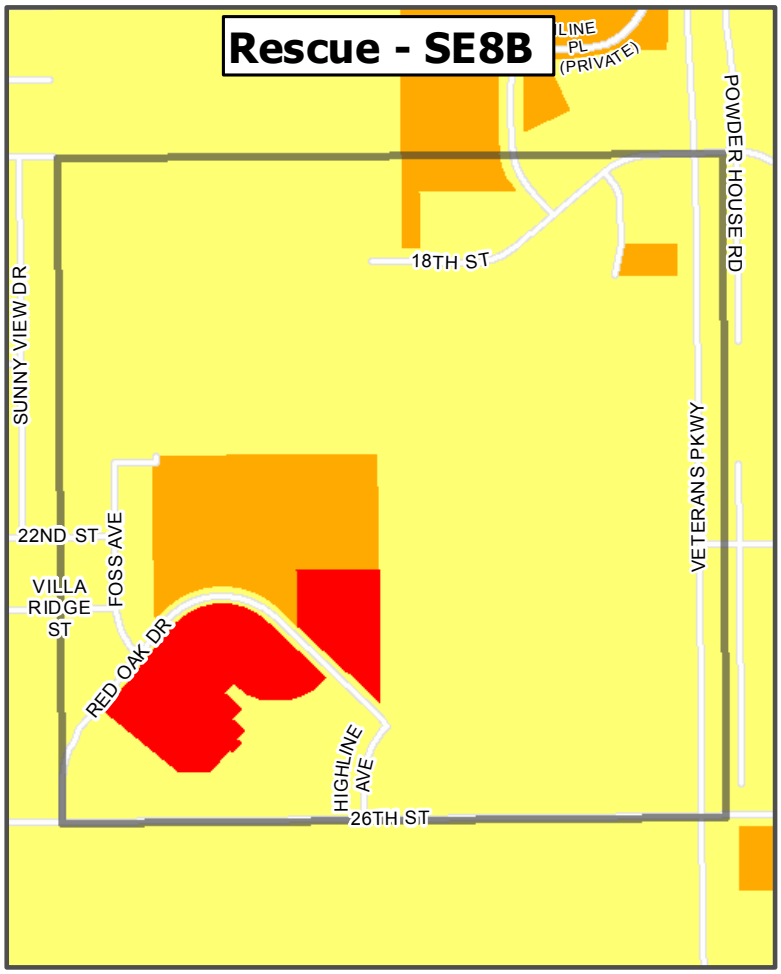
Floodplain

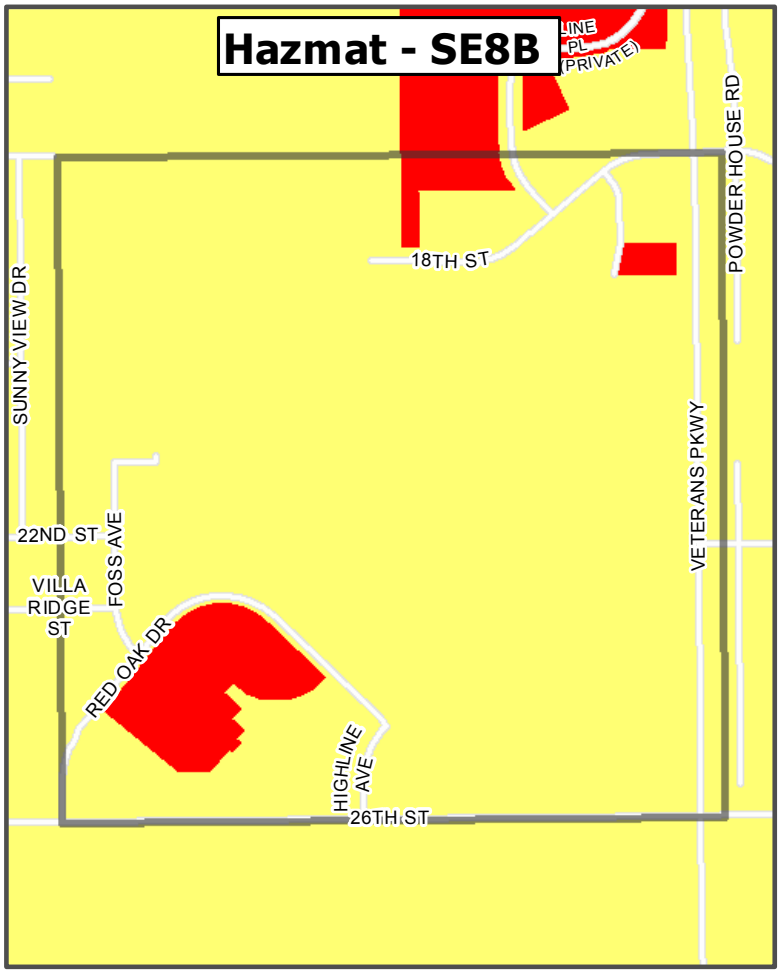
0.2 percent Annual Chance

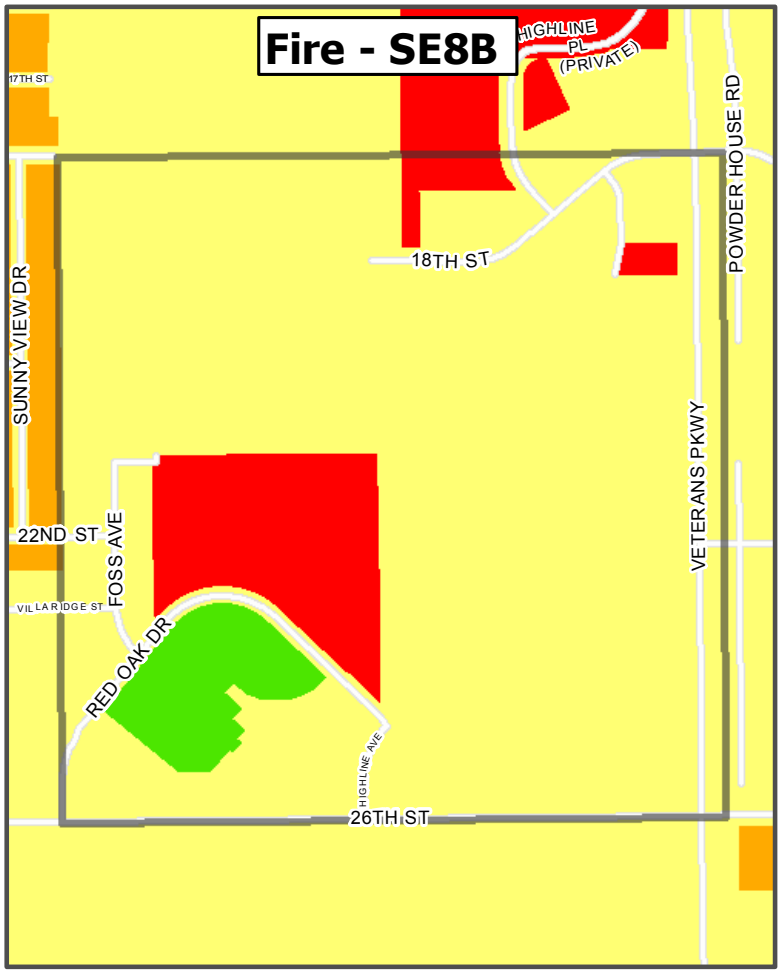
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 764 feet

# SE8C

Fire

Rescue

HazMat

EMS

SUB Substation

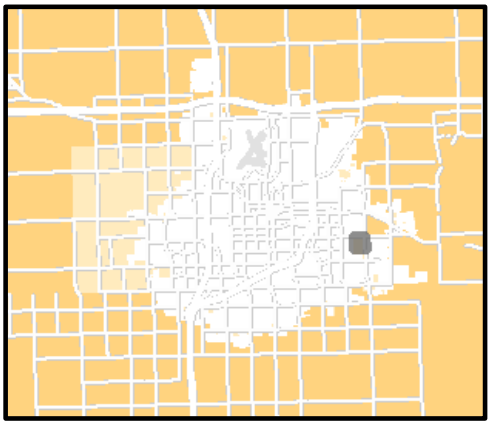
Transmission Line

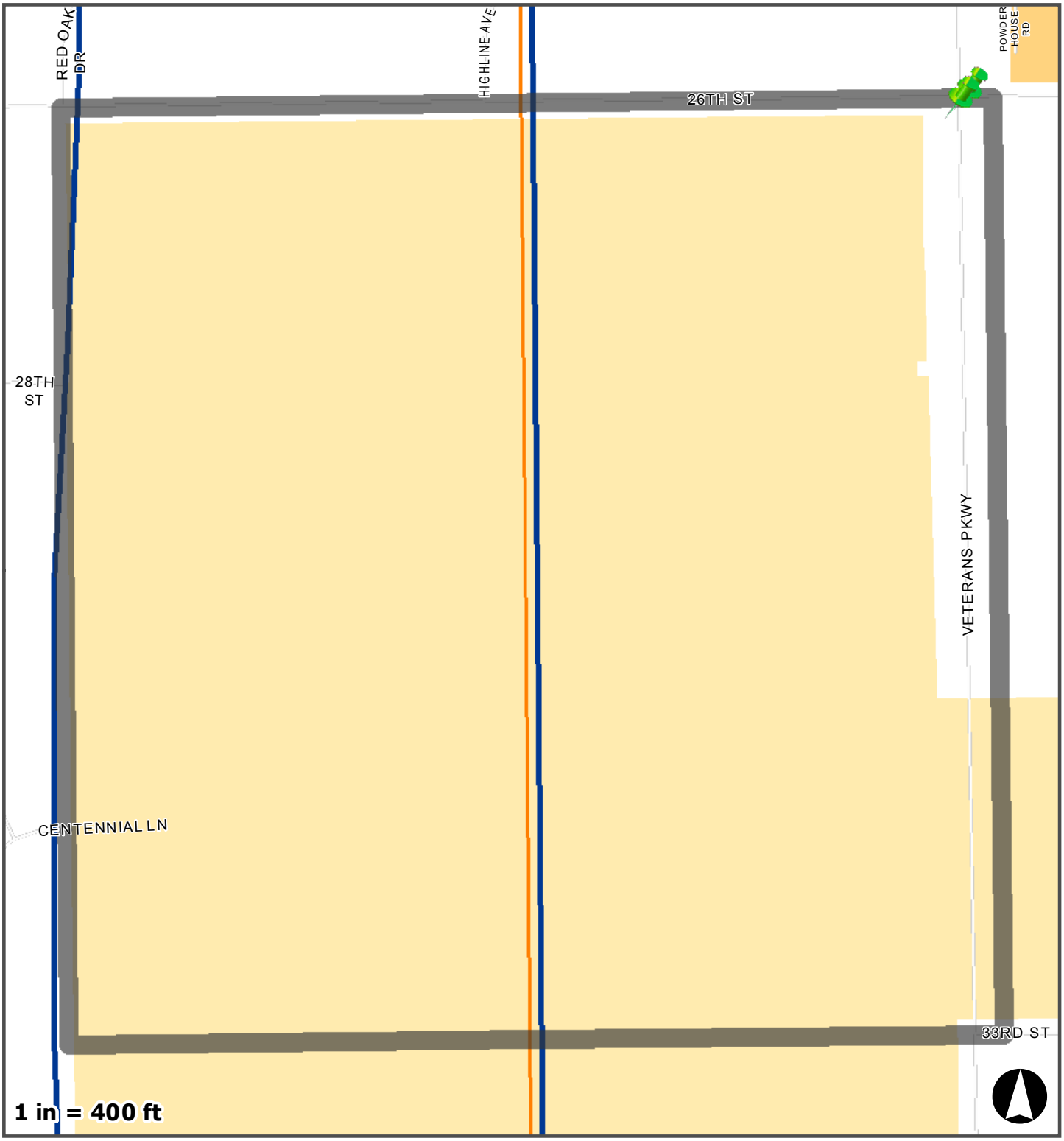
Major Gas Line

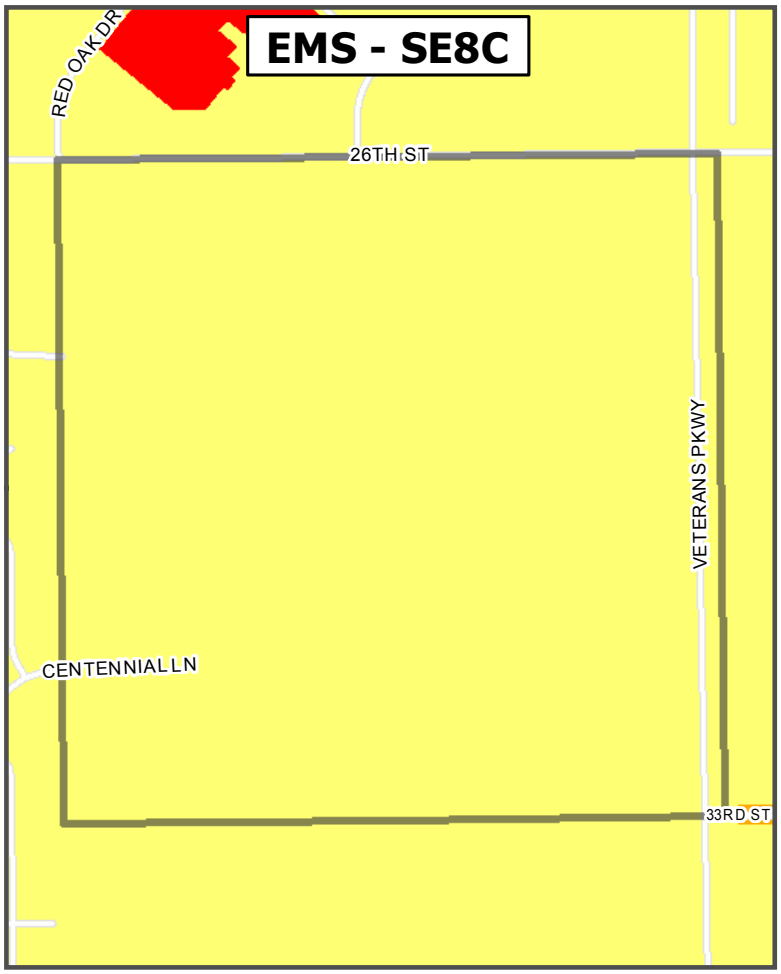
Floodplain

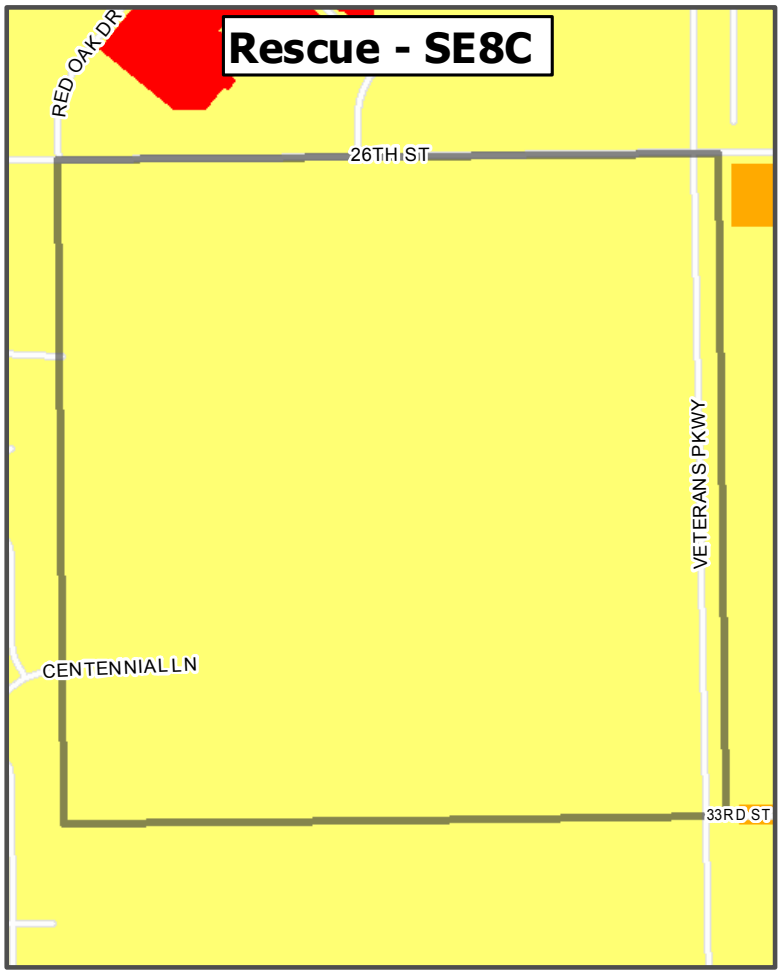
0.2 percent Annual Chance

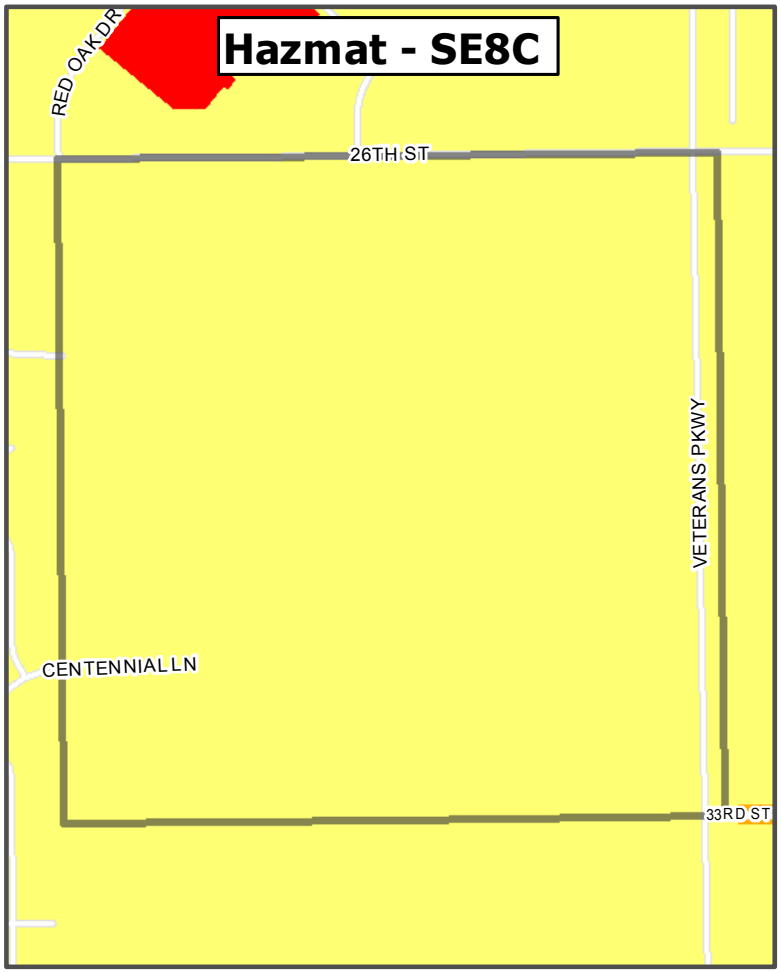
1 percent Annual Chance

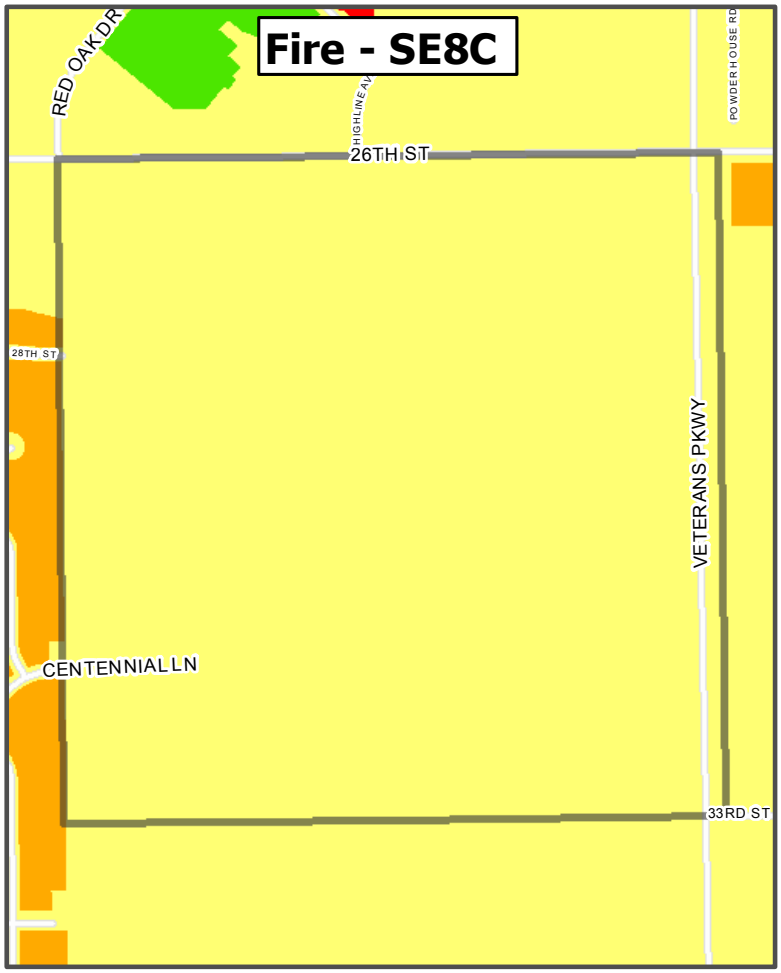







Low | Moderate | High | Special

1 inch = 768 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 5 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE8D

Fire

Rescue

HazMat

EMS

SUB Substation

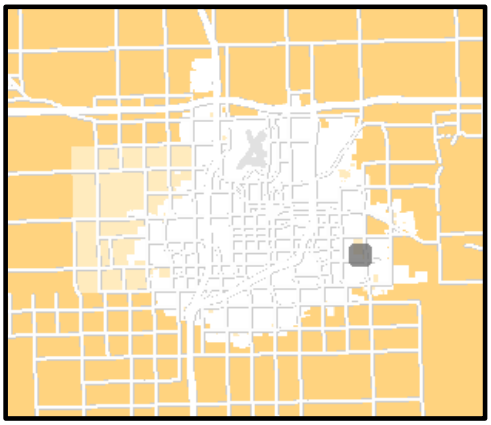
Transmission Line

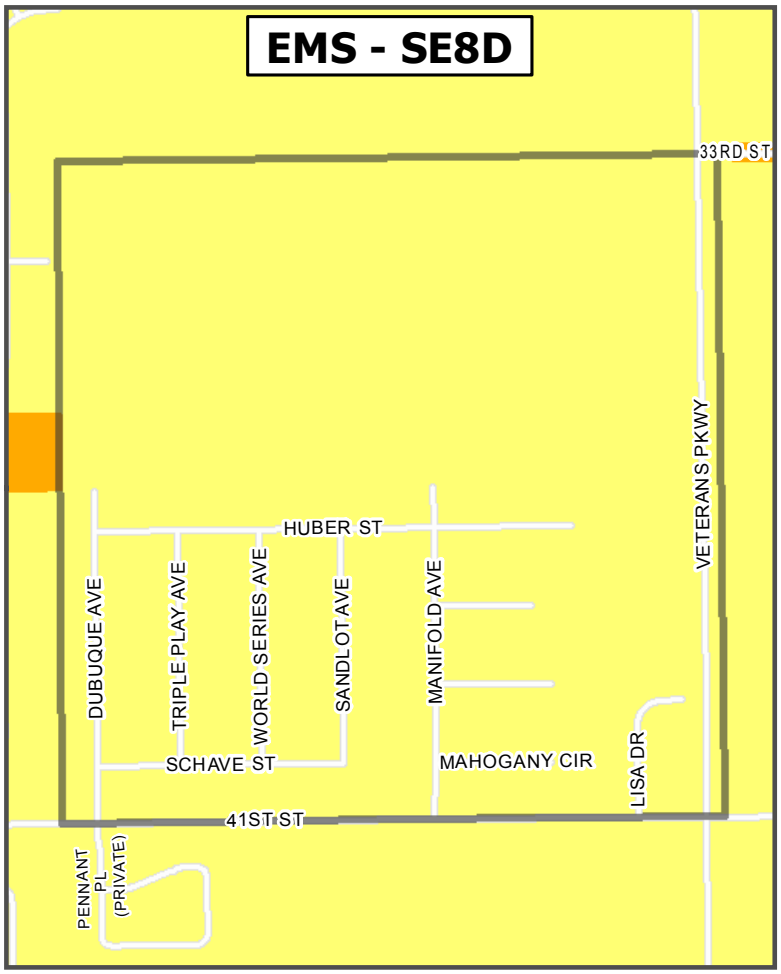
Major Gas Line

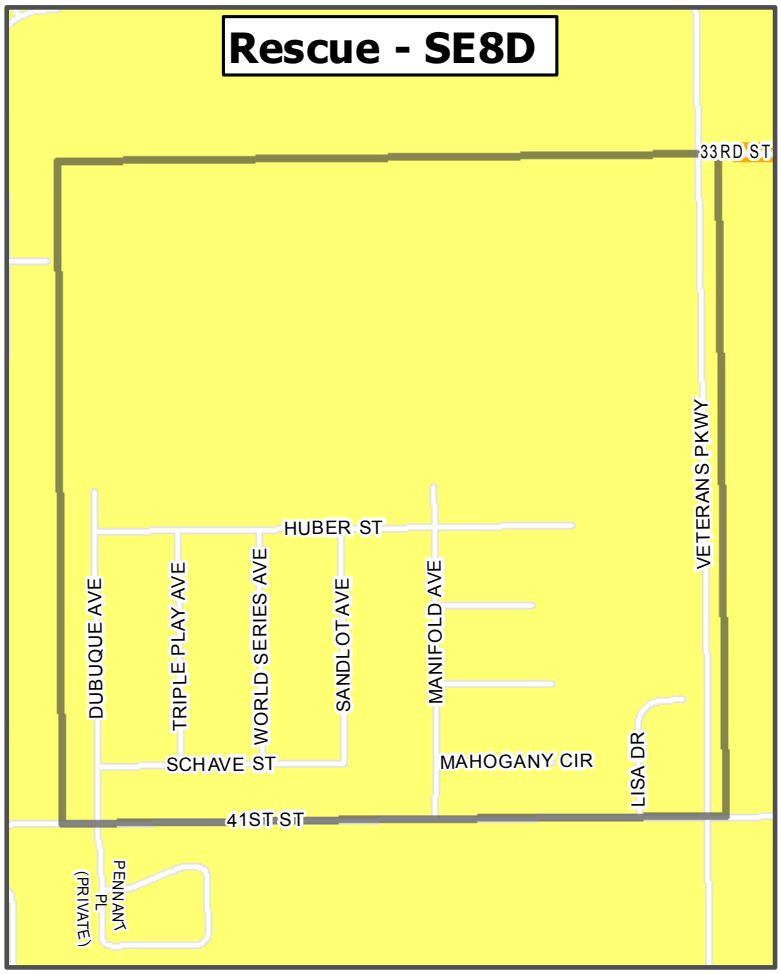
Floodplain

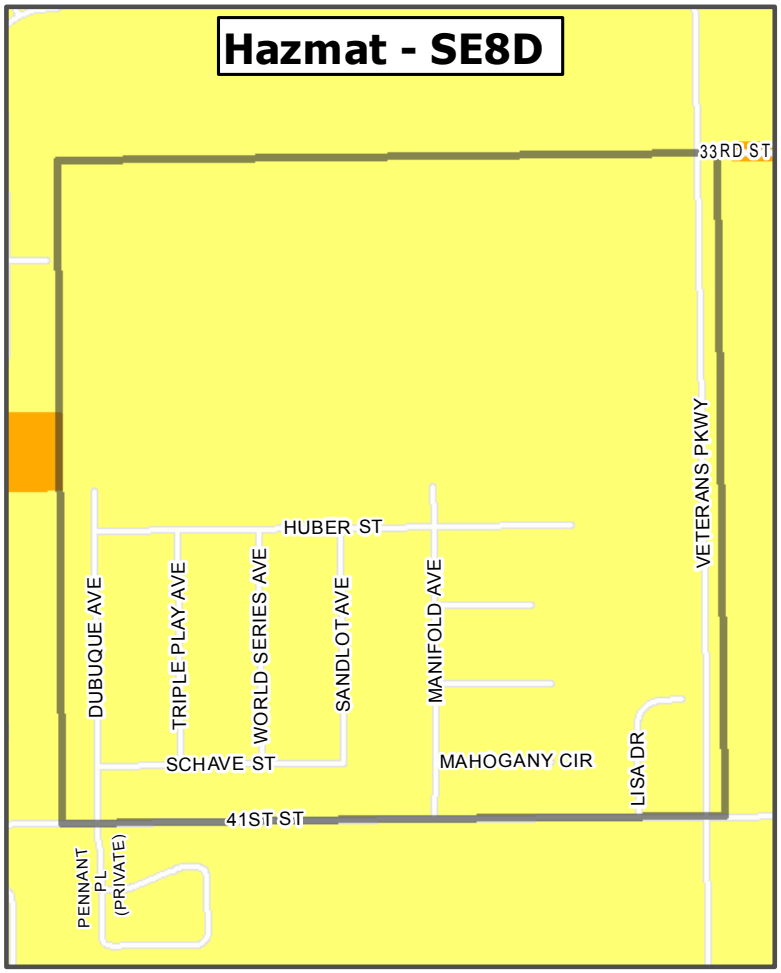
0.2 percent Annual Chance

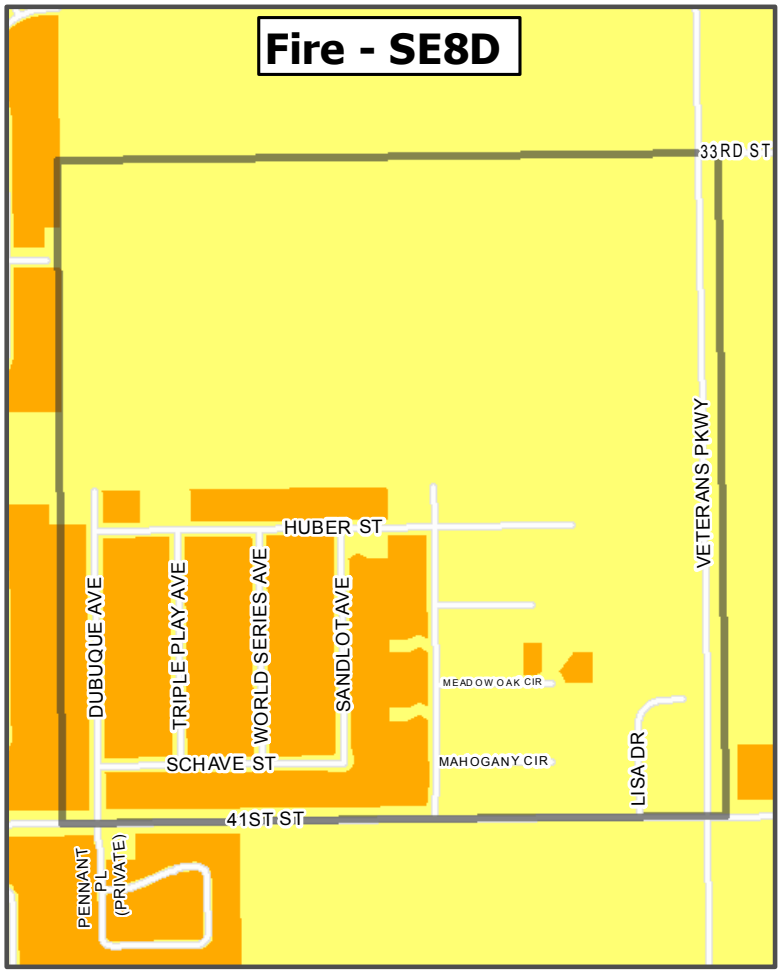
1 percent Annual Chance






Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 3 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE8E

Fire

Rescue

HazMat

EMS

SUB Substation

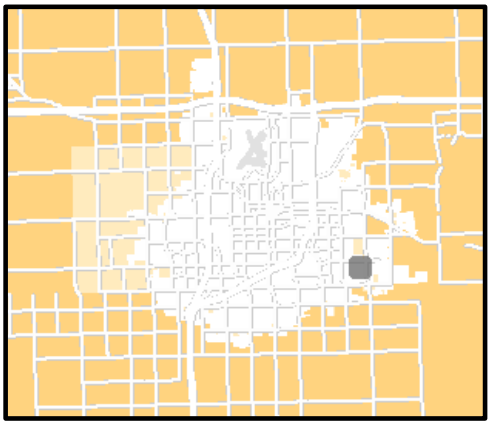
Transmission Line

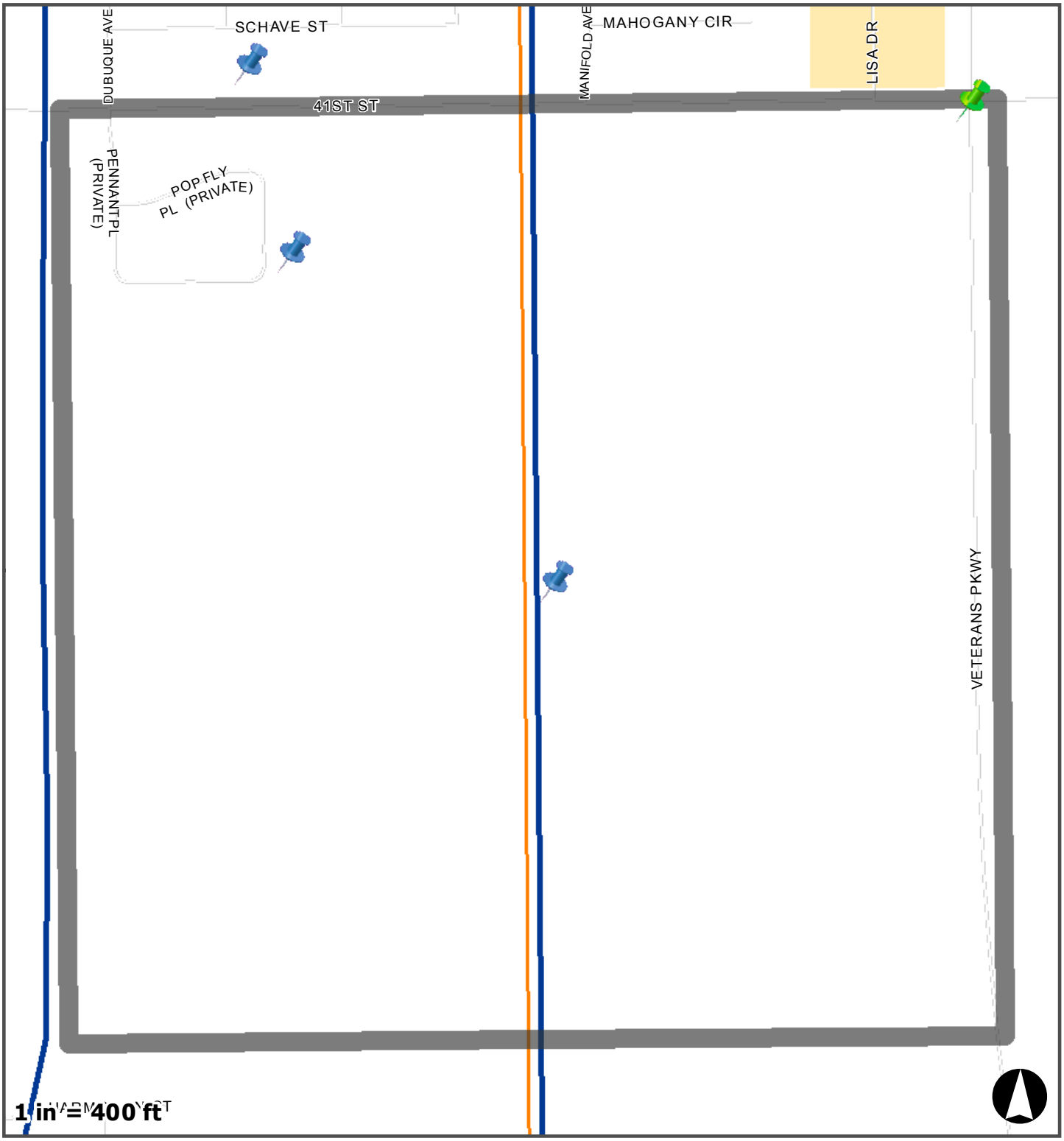
Major Gas Line

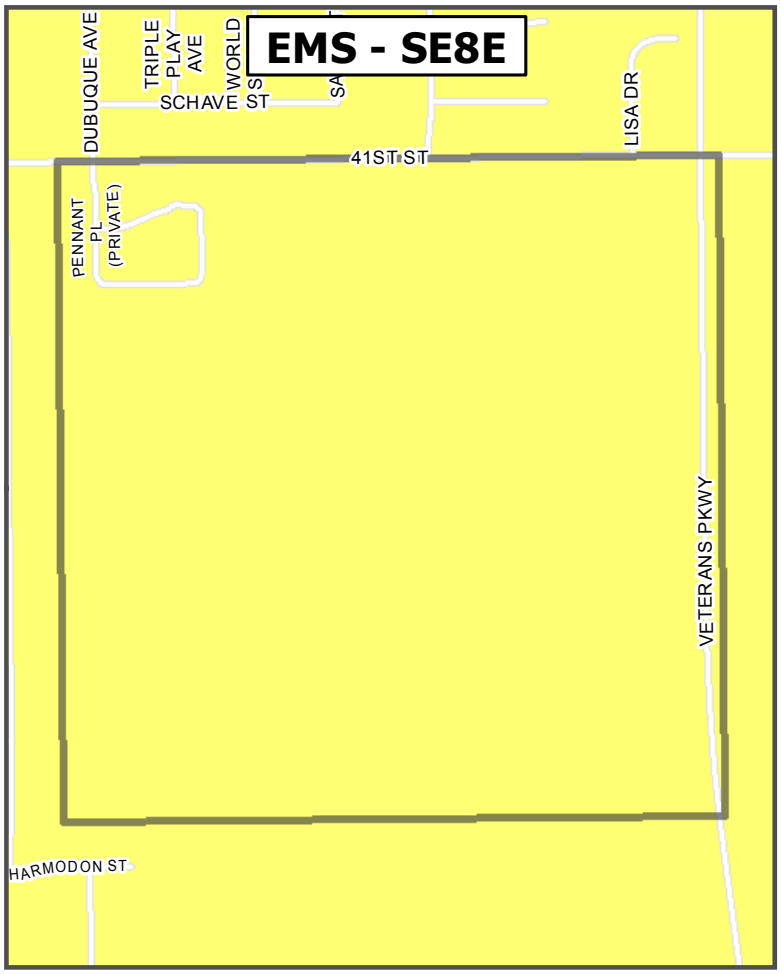
Floodplain

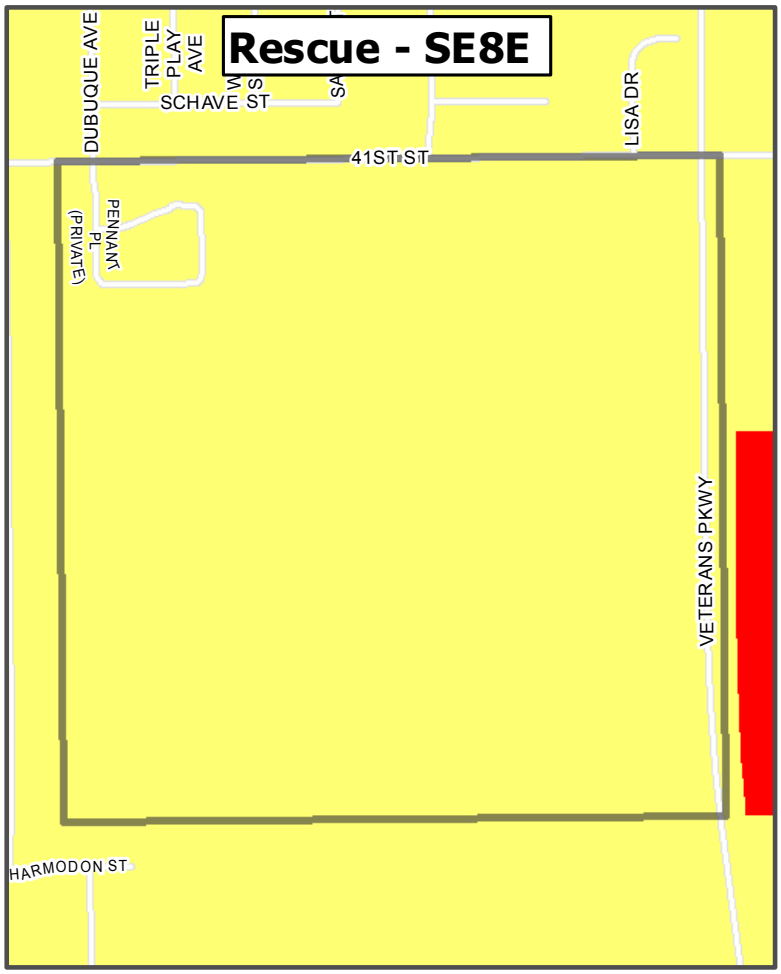
0.2 percent Annual Chance

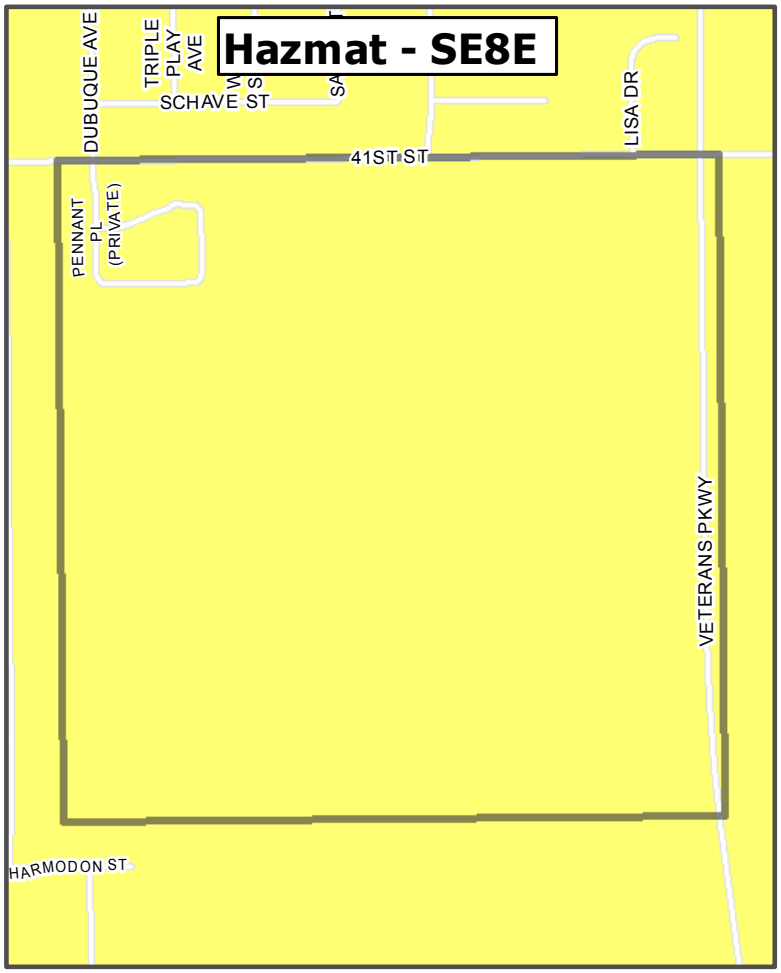
1 percent Annual Chance

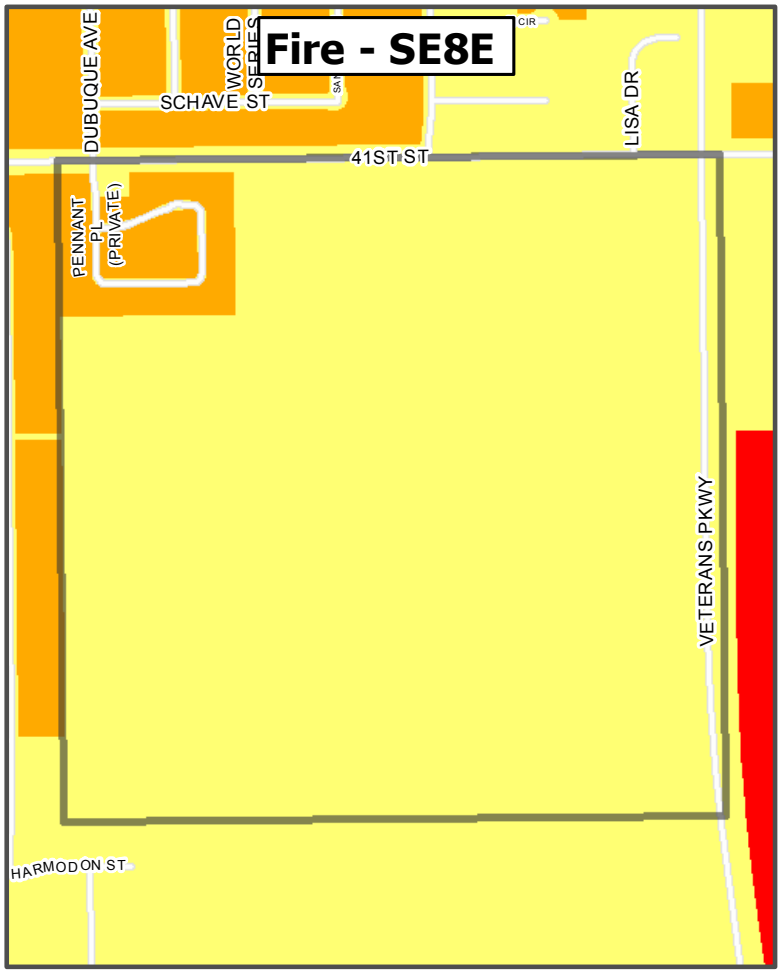







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE8F

Fire

Rescue

HazMat

EMS

SUB Substation

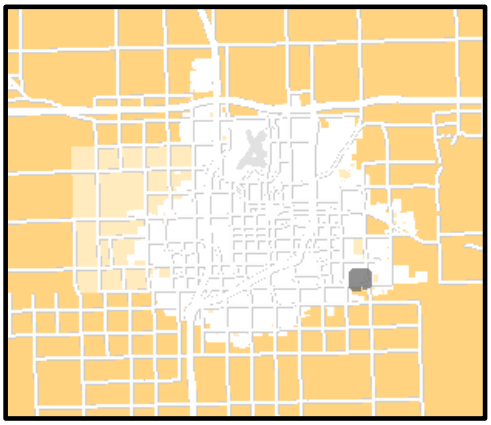
Transmission Line

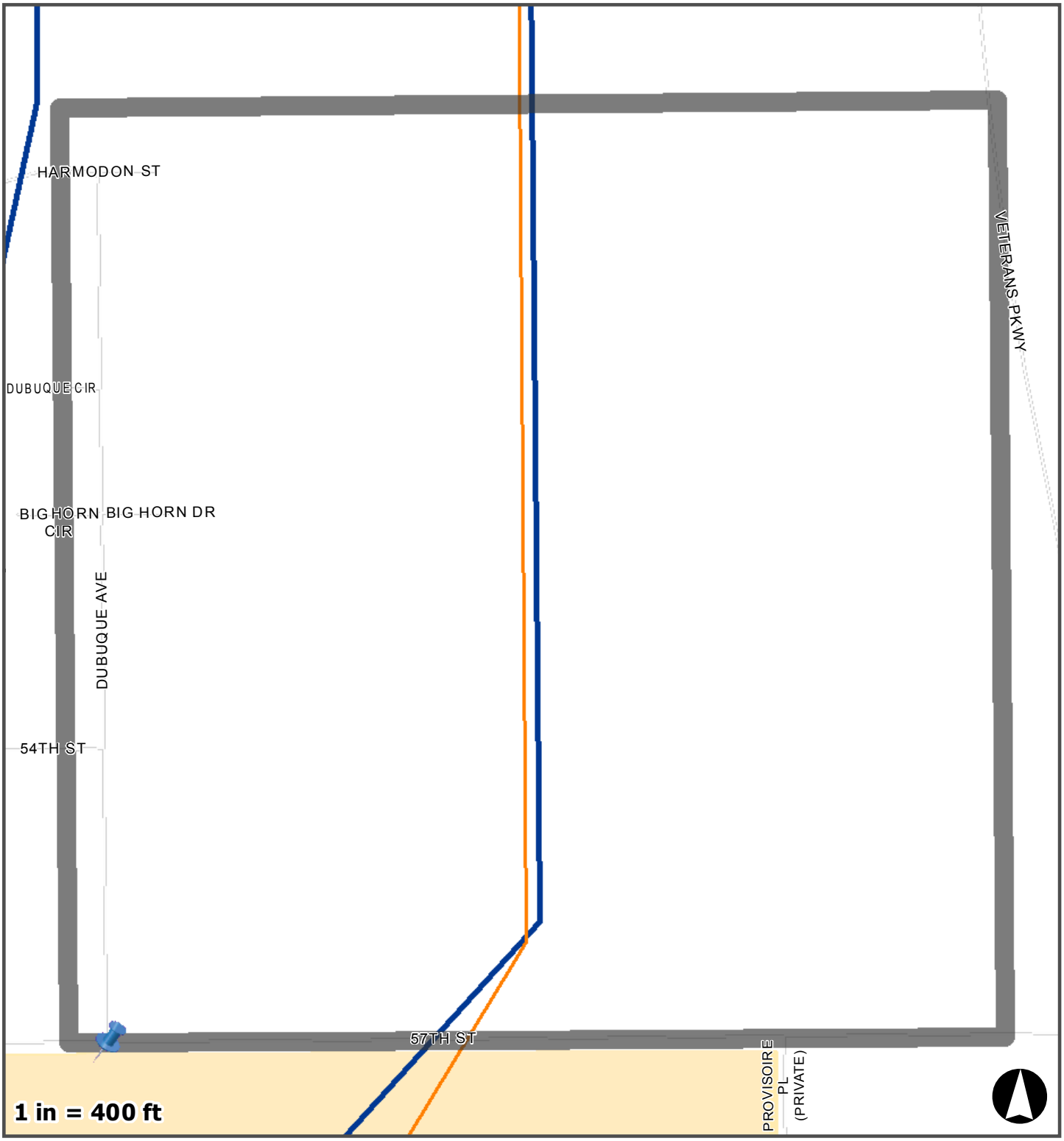
Major Gas Line

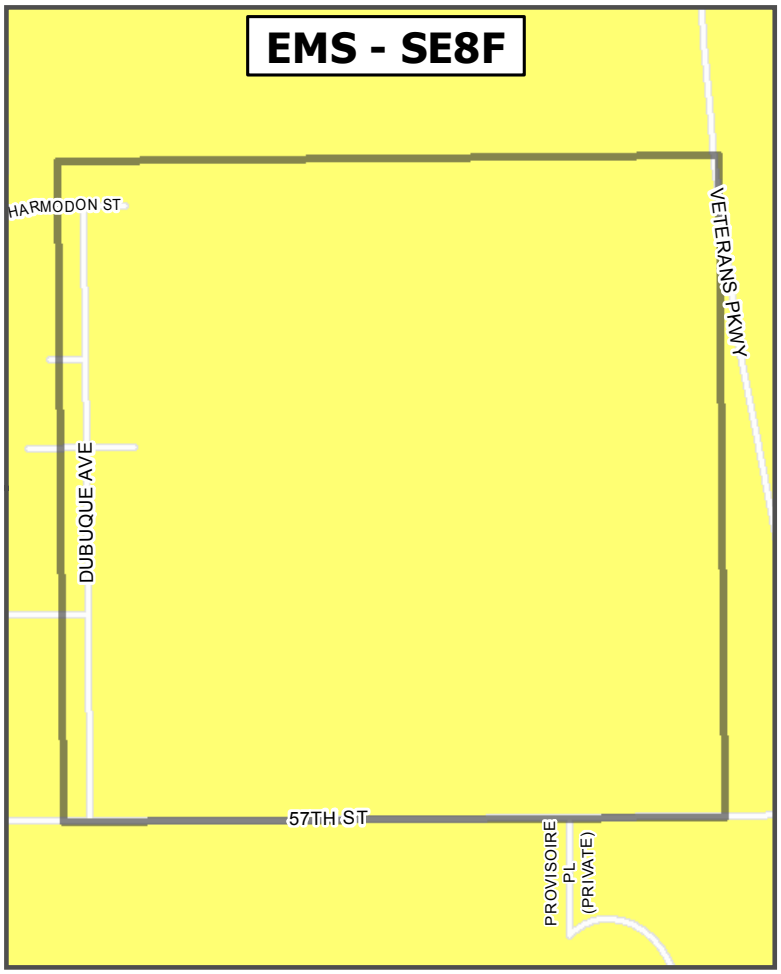
Floodplain

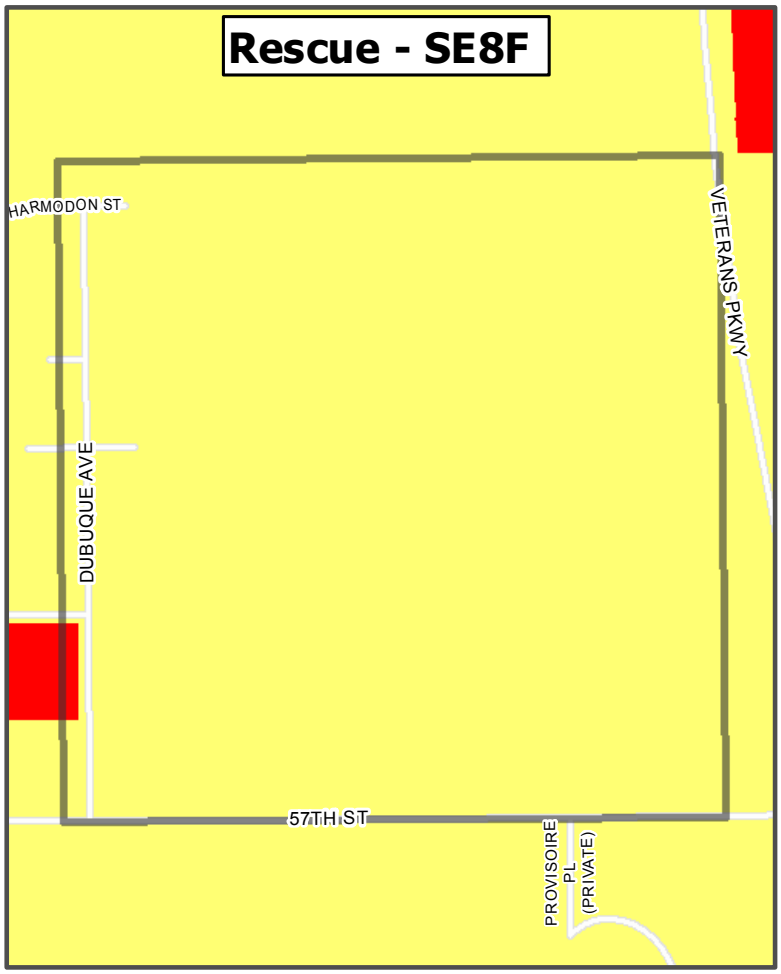
0.2 percent Annual Chance

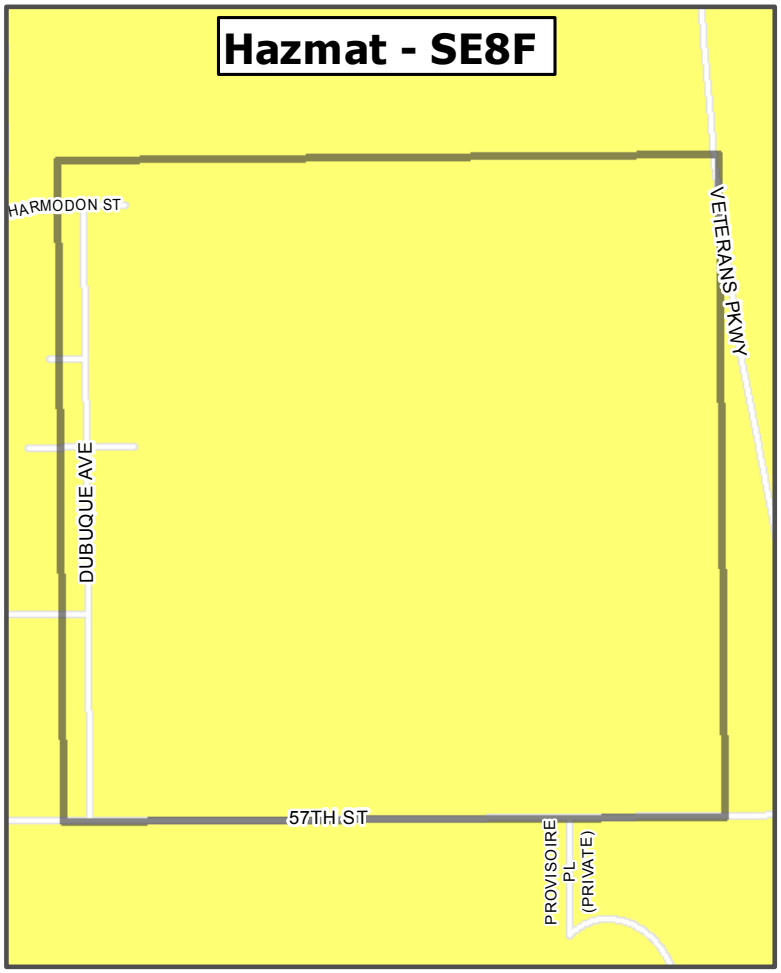
1 percent Annual Chance

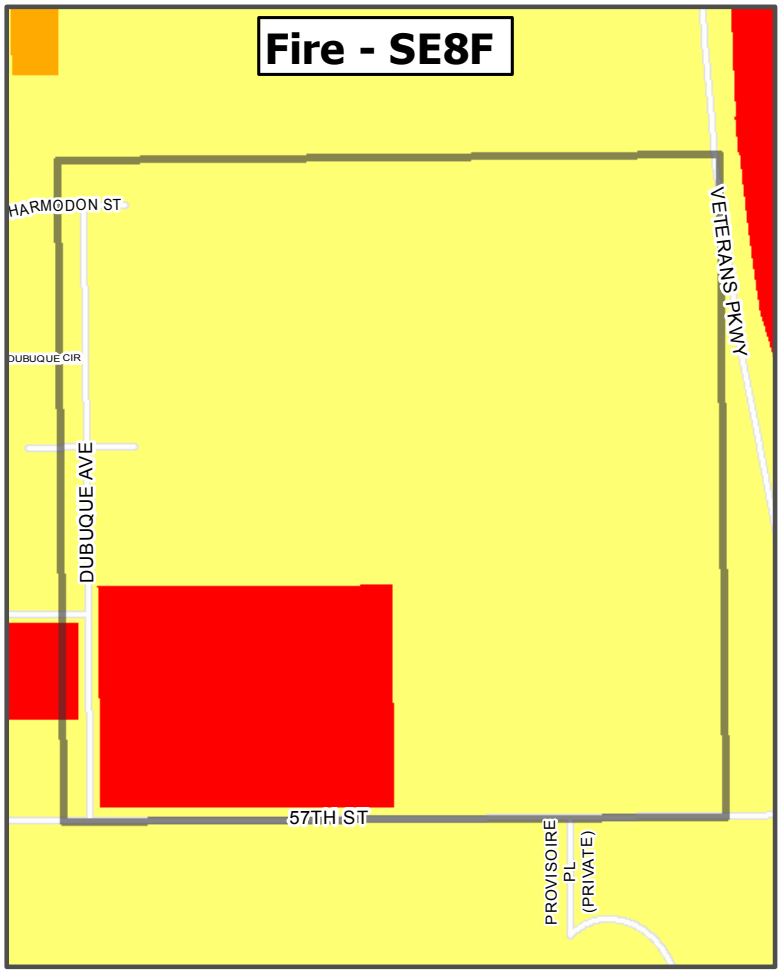







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE8G

Fire

Rescue

HazMat

EMS

SUB Substation

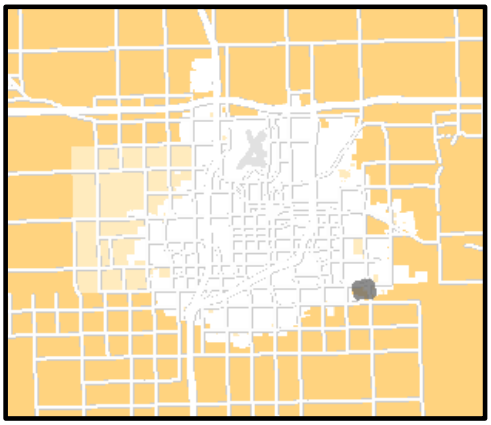
Transmission Line

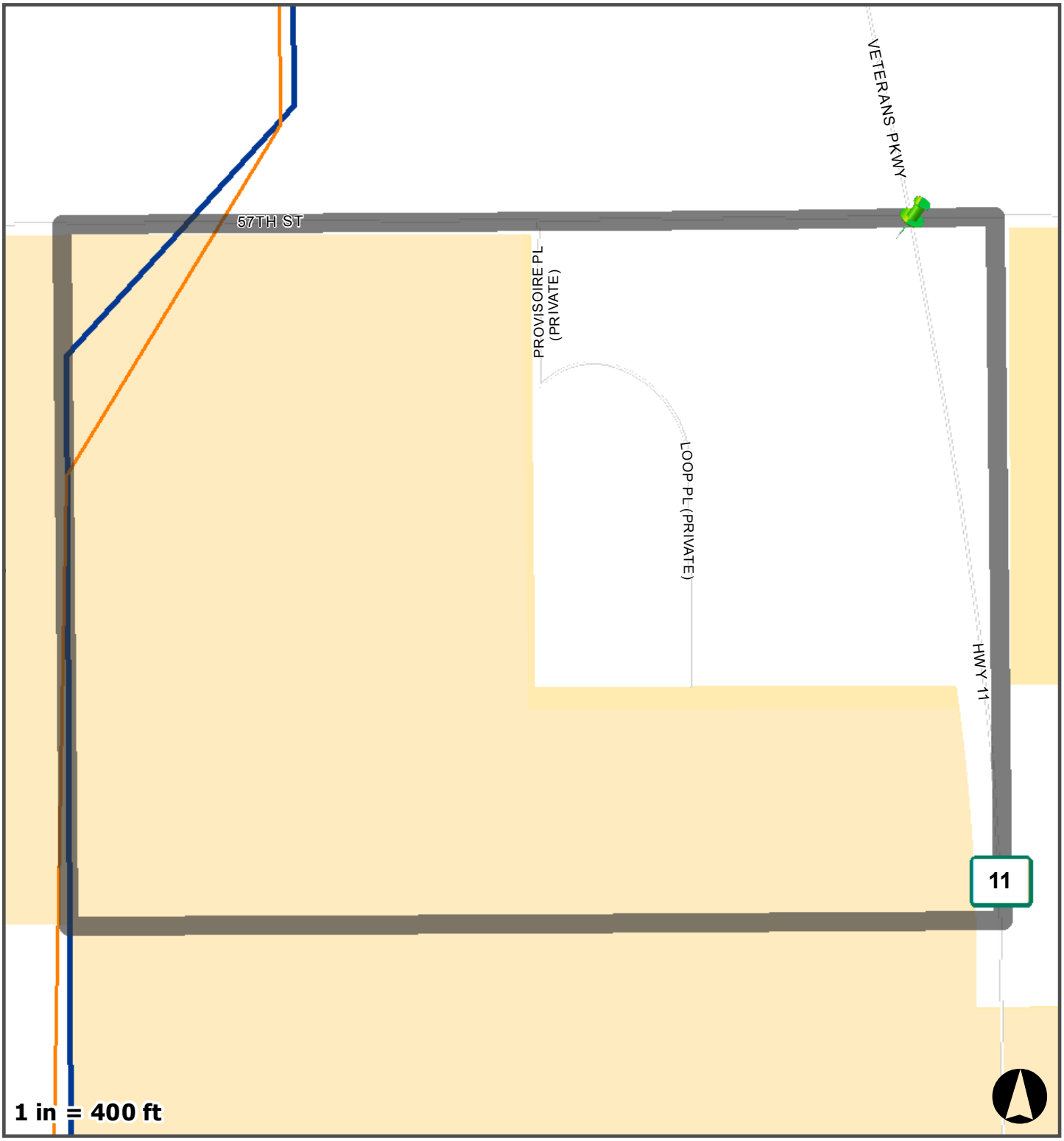
Major Gas Line

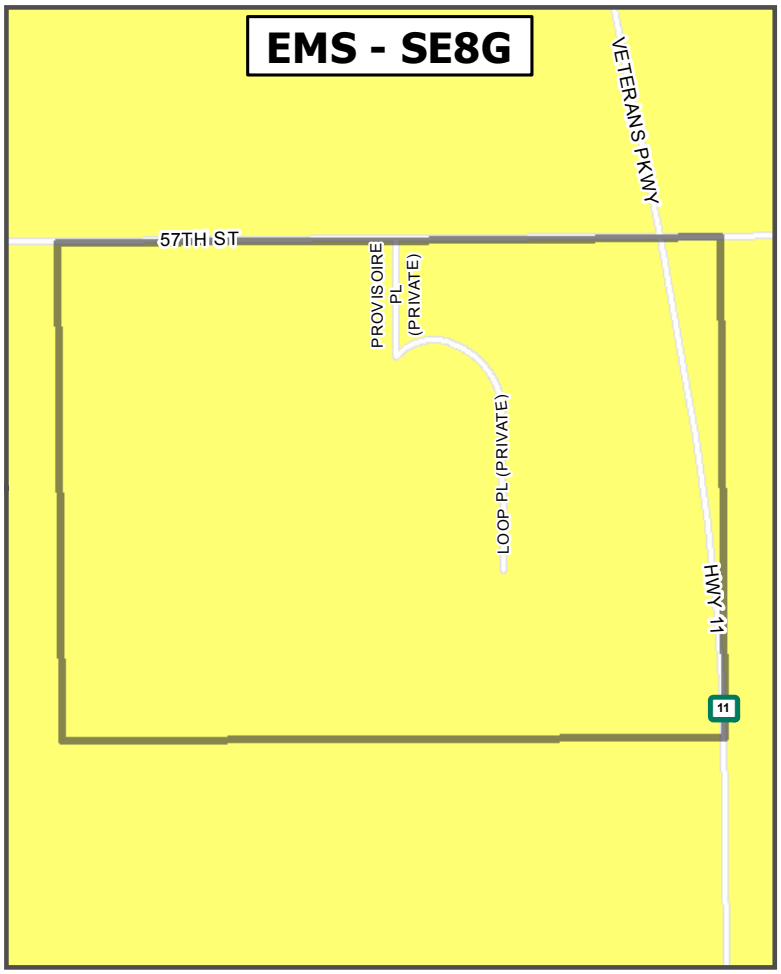
Floodplain

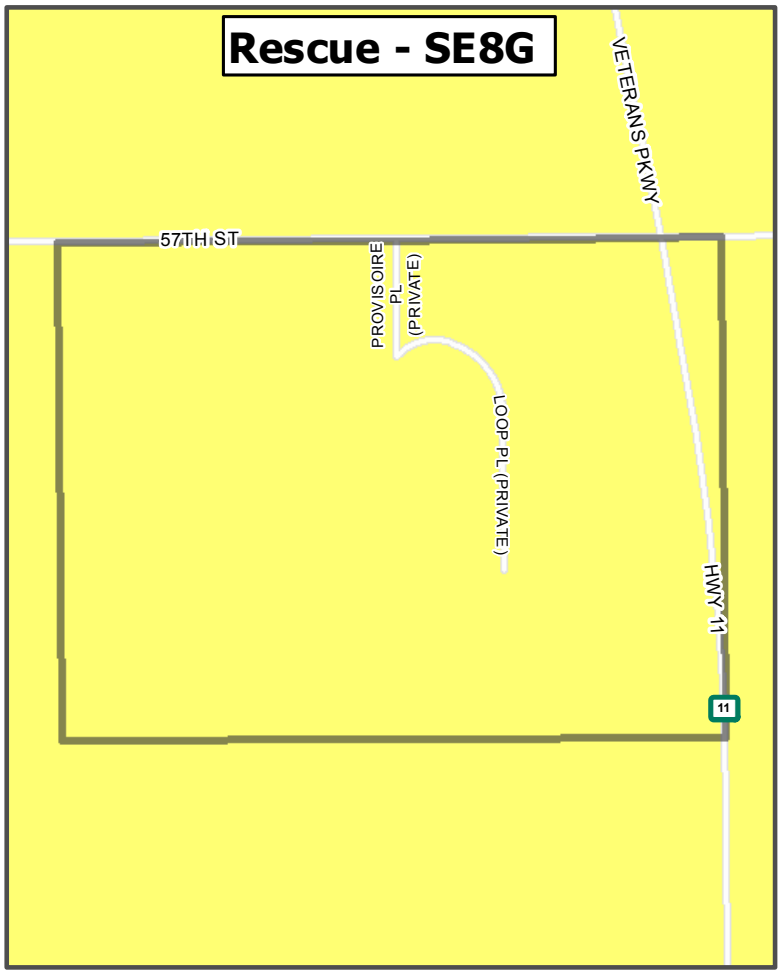
0.2 percent Annual Chance

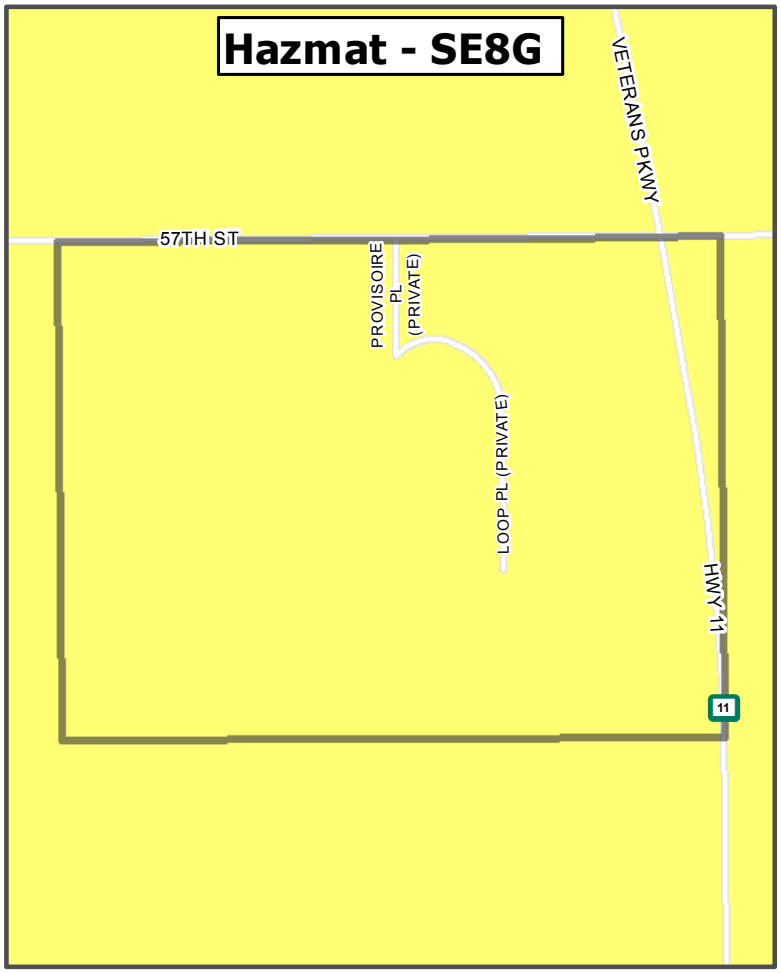
1 percent Annual Chance

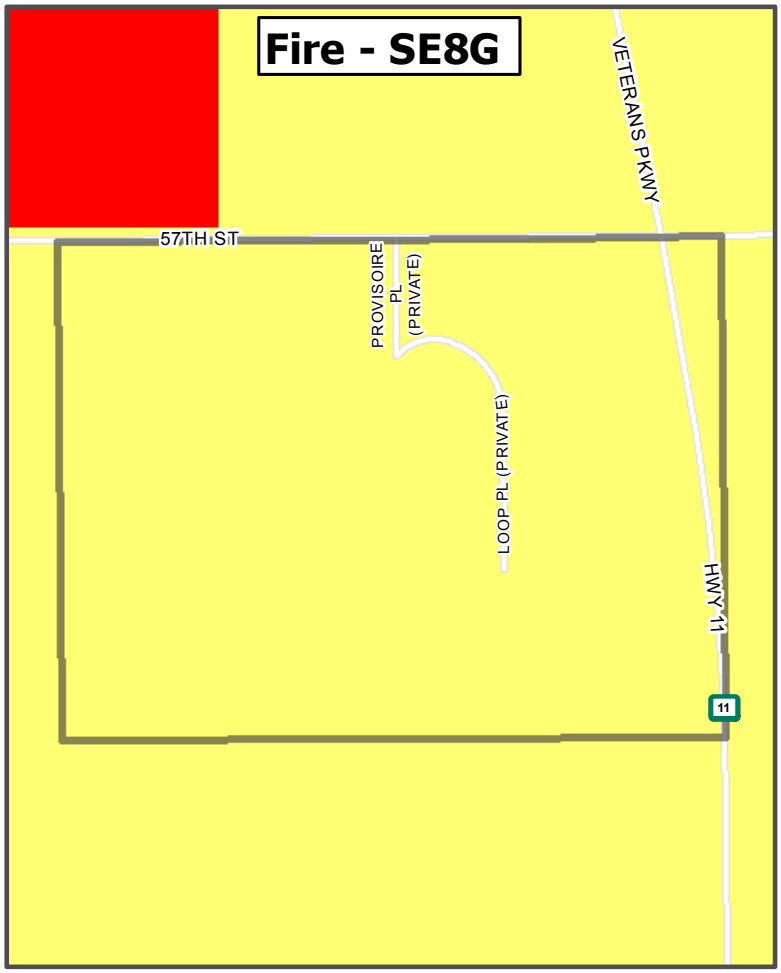







Low | Moderate | High | Special

1 inch = 764 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 8H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Moderate | Moderate | Low |
| Hazardous Materials | Low | Moderate | Moderate | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Moderate | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|
| Approximately 5% of this quadrant lies in the flood plain | | |

# SE8H

Fire

Rescue

HazMat

EMS

SUB Substation

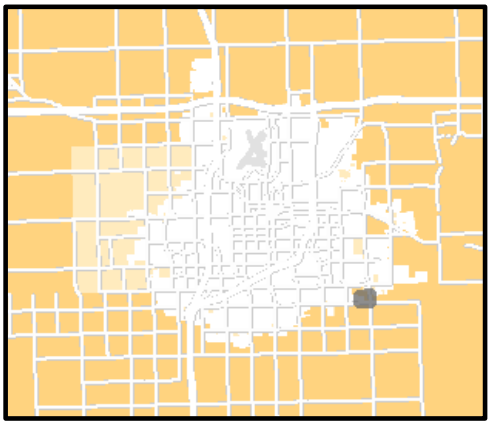
Transmission Line

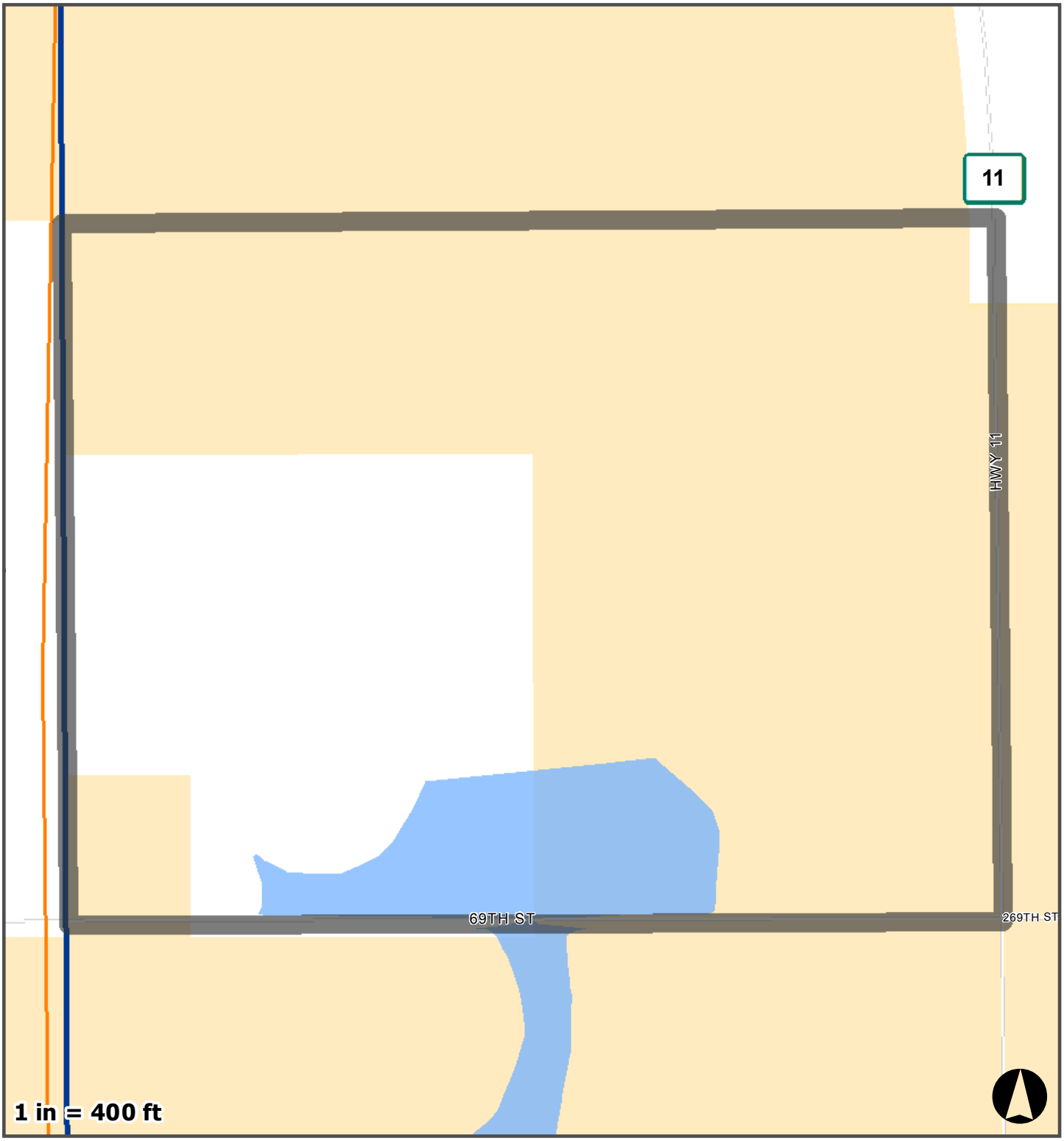
Major Gas Line

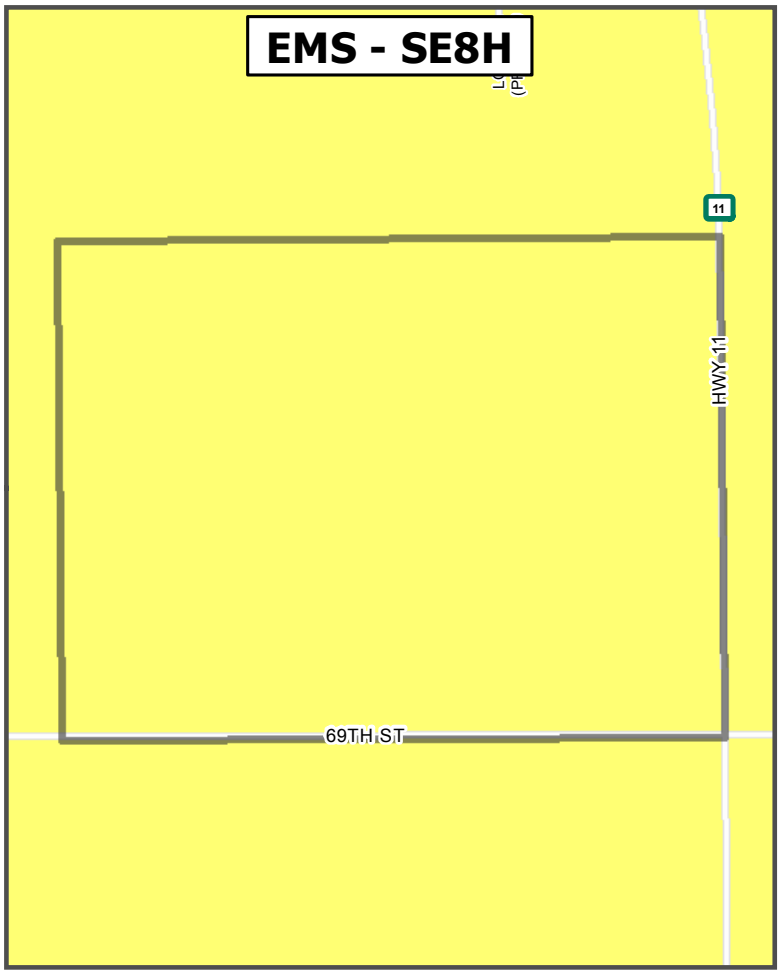
Floodplain

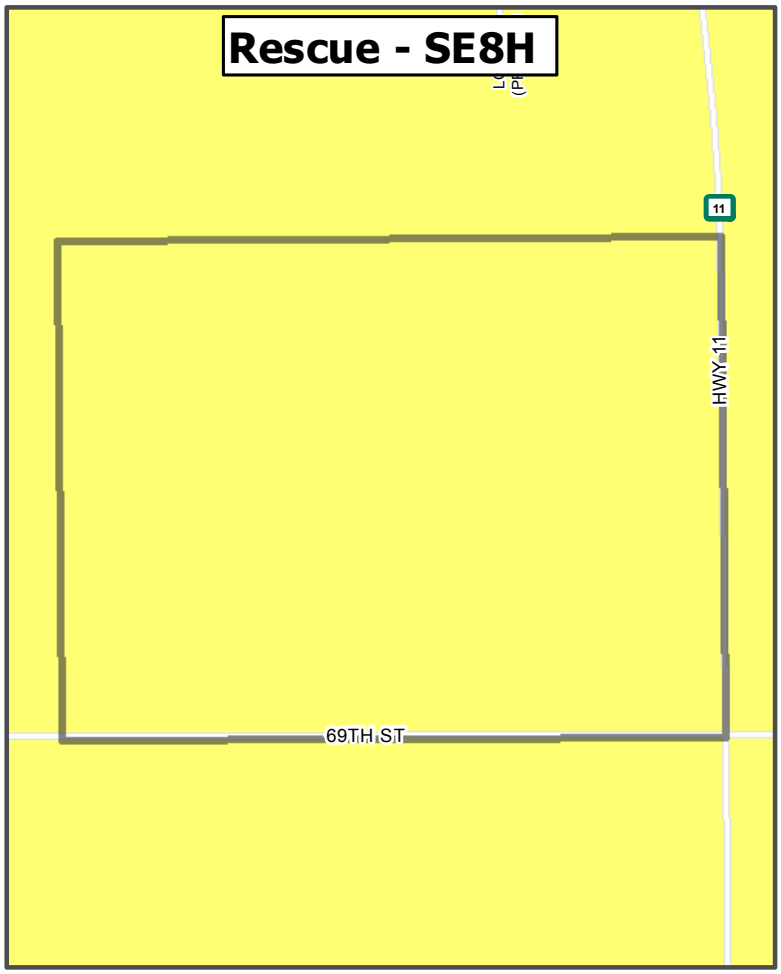
0.2 percent Annual Chance

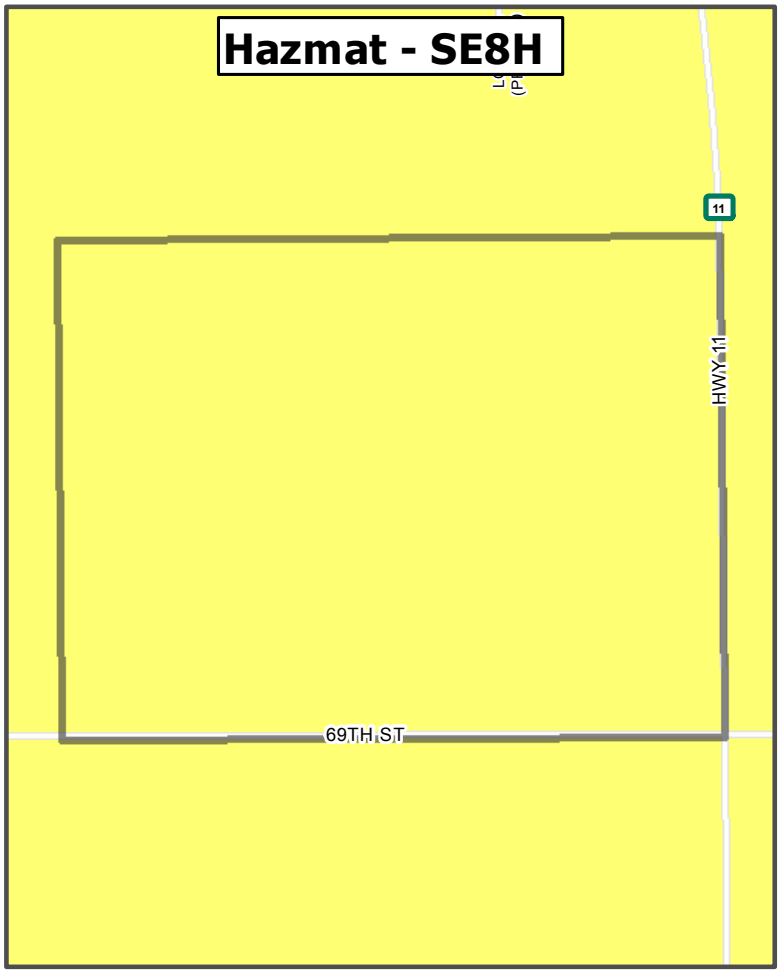
1 percent Annual Chance

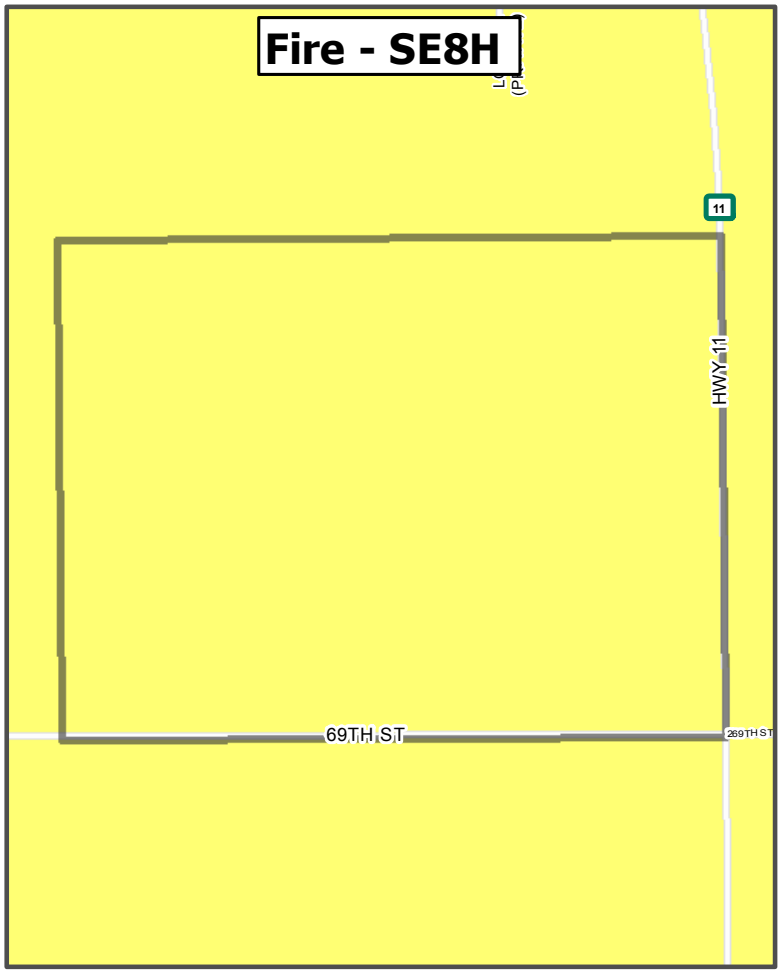







Low | Moderate | High | Special

1 inch = 765 feet

# SE8I

Fire

Rescue

HazMat

EMS

SUB Substation

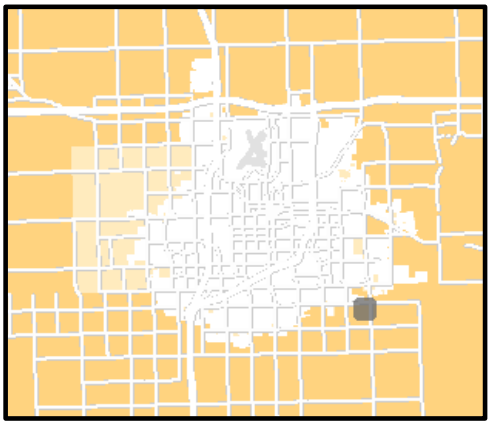
Transmission Line

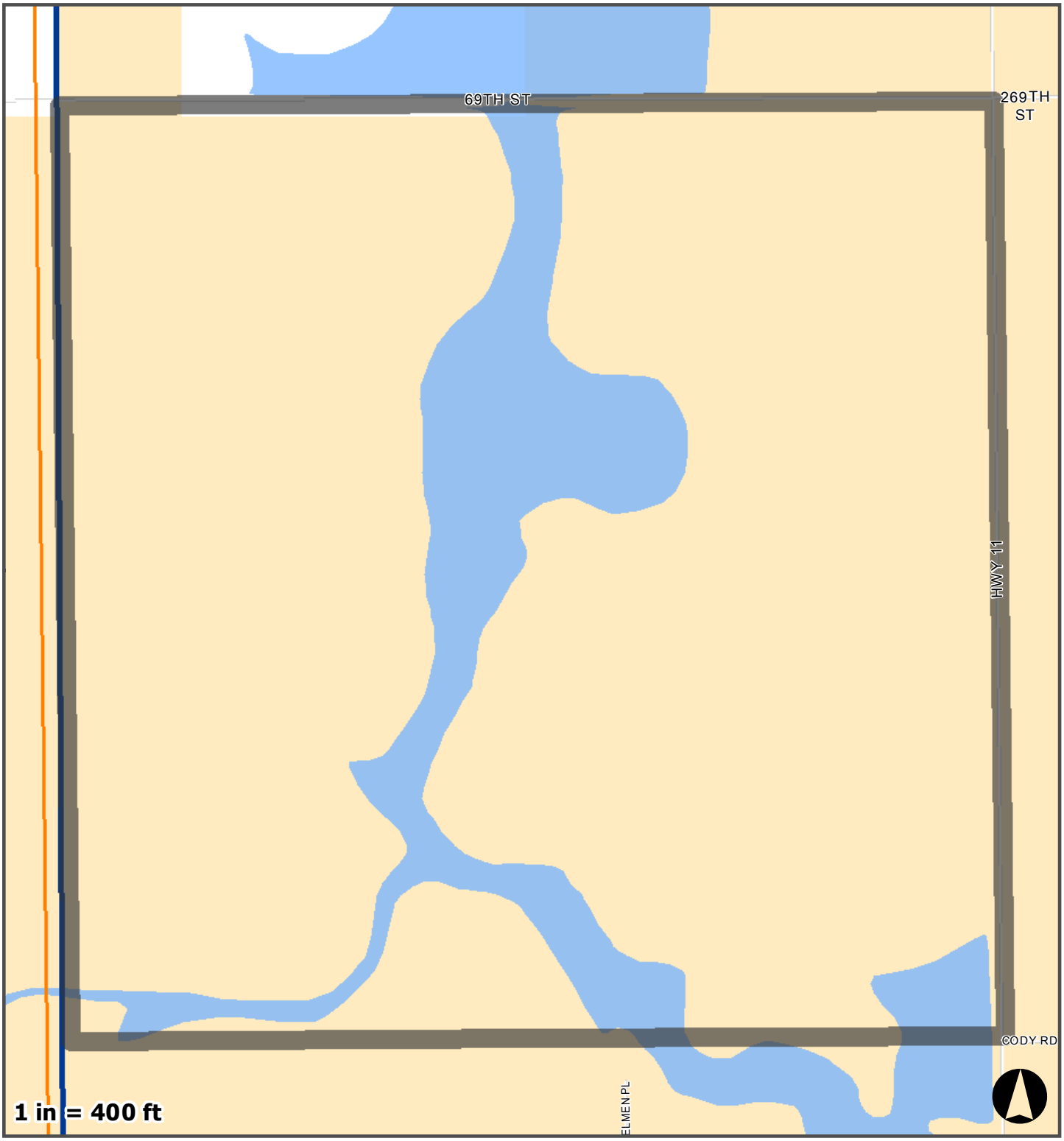
Major Gas Line

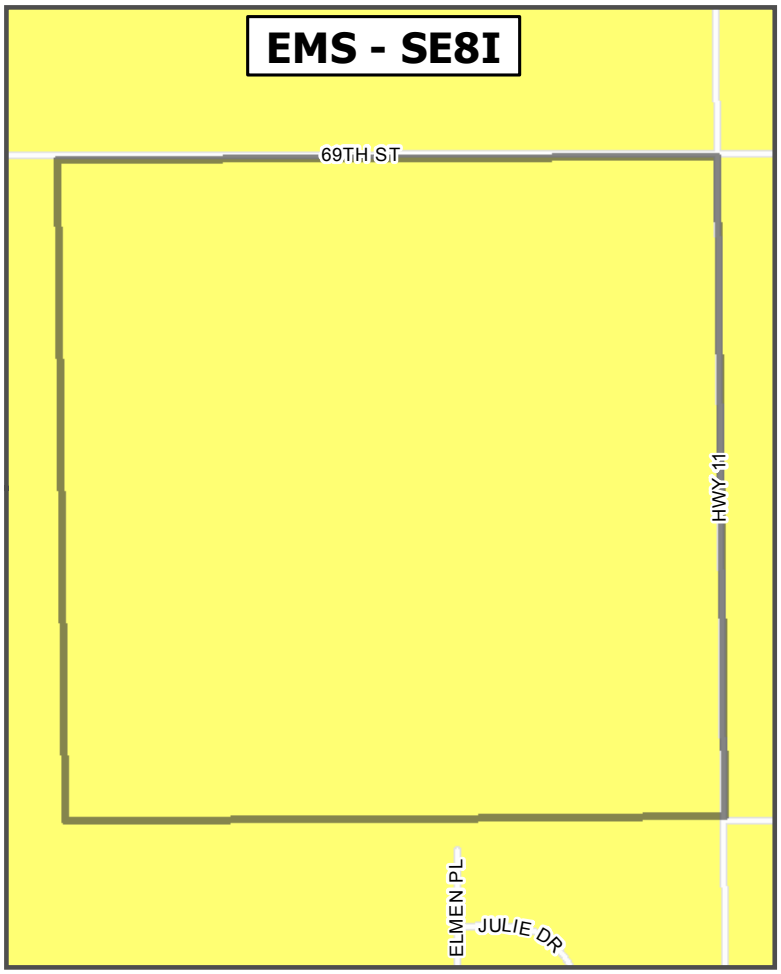
Floodplain

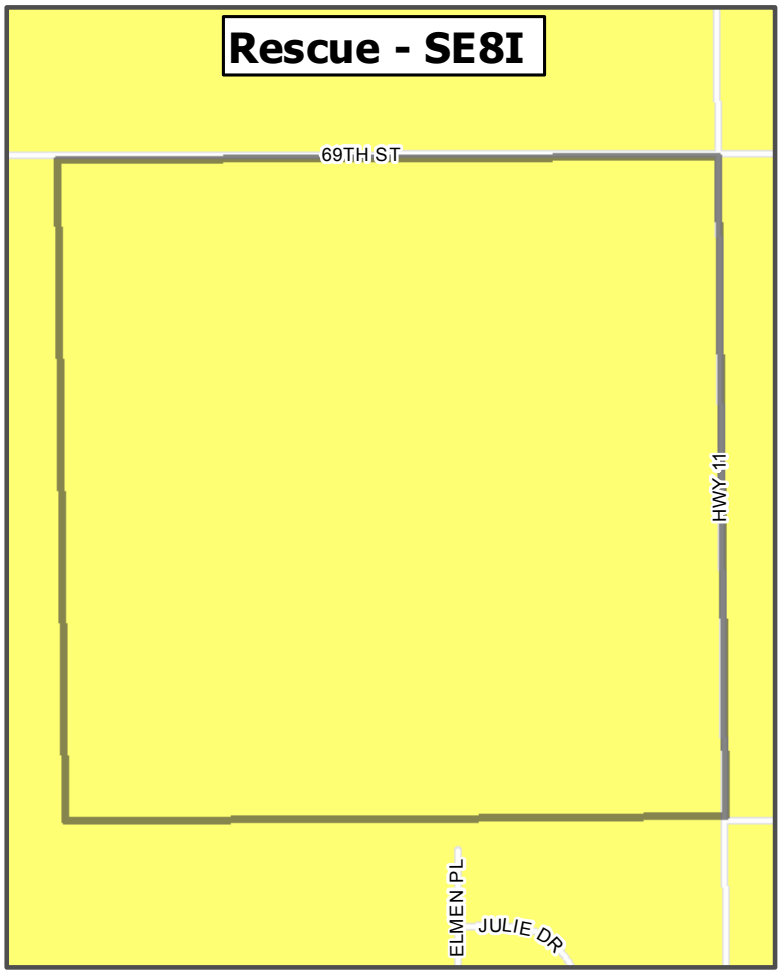
0.2 percent Annual Chance

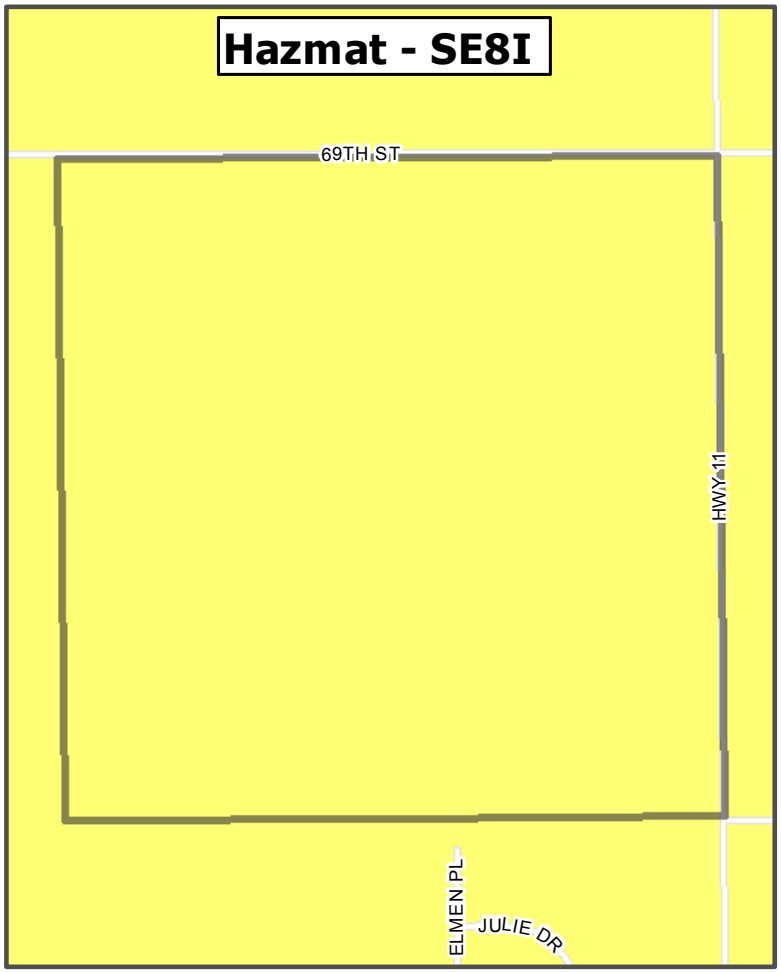
1 percent Annual Chance

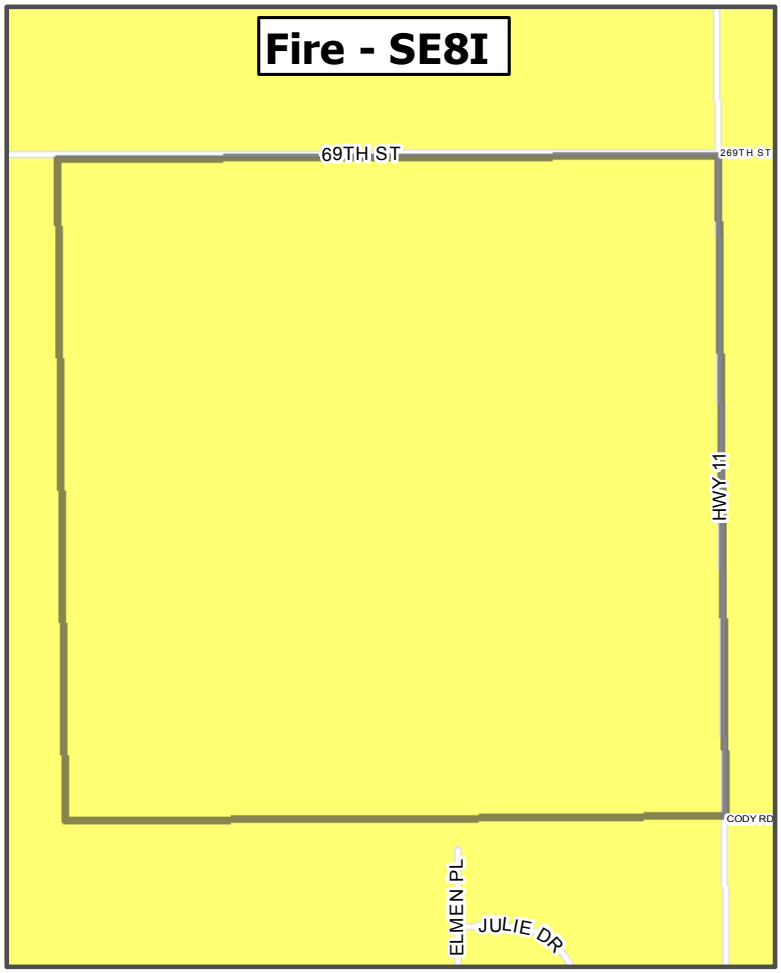







Low | Moderate | High | Special

1 inch = 769 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9A

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9A

Fire

Rescue

HazMat

EMS

SUB Substation

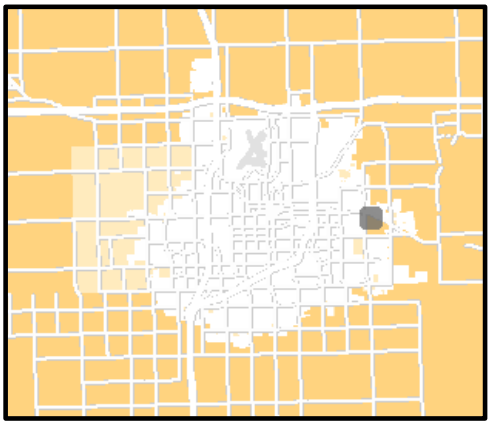
Transmission Line

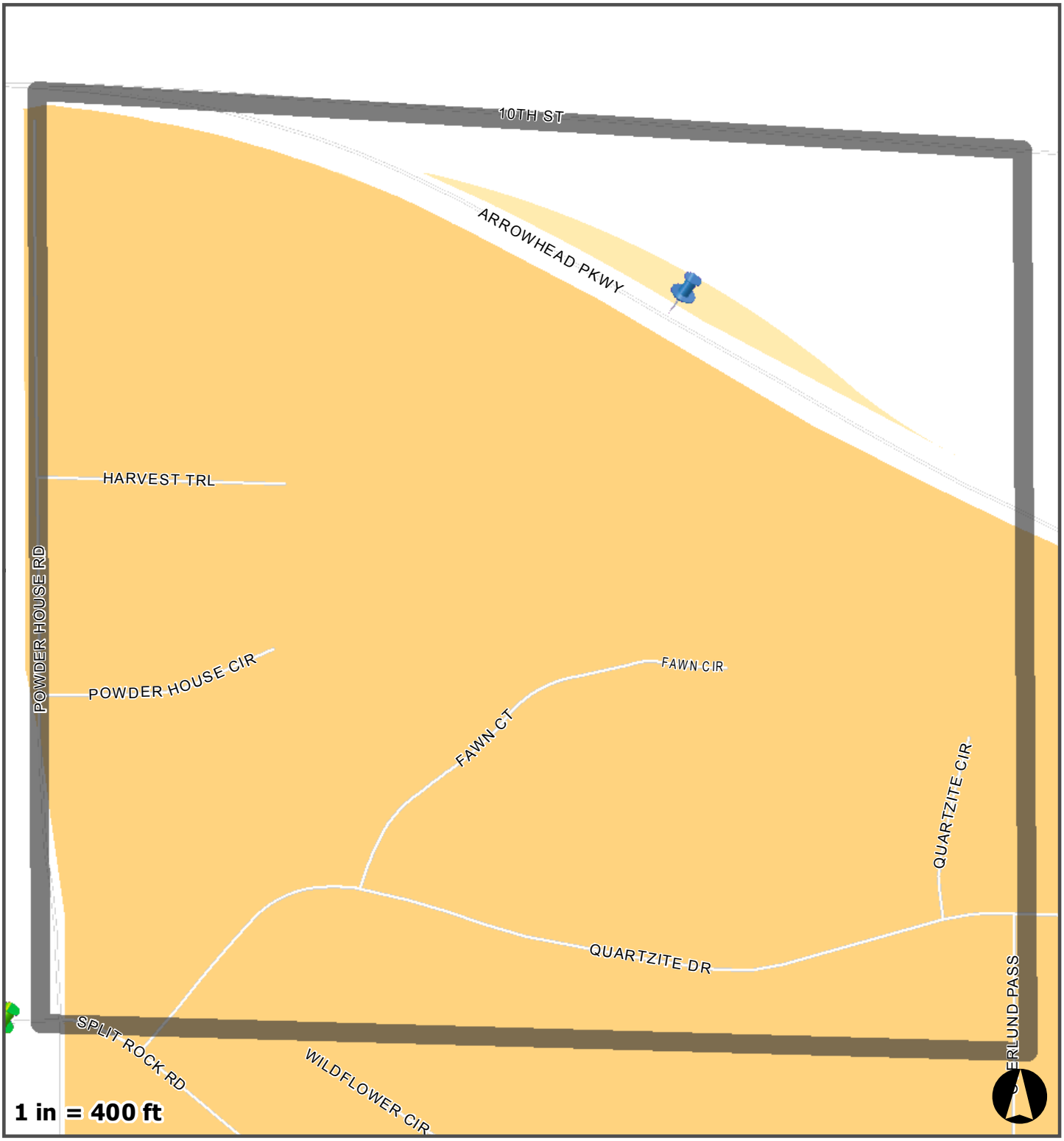
Major Gas Line

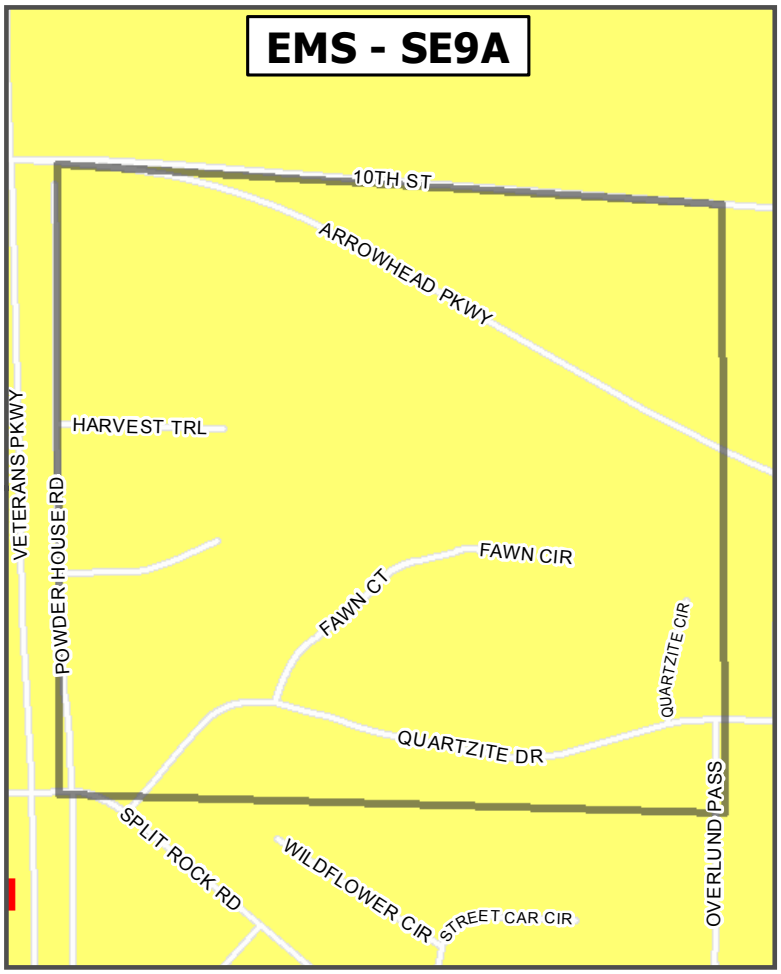
Floodplain

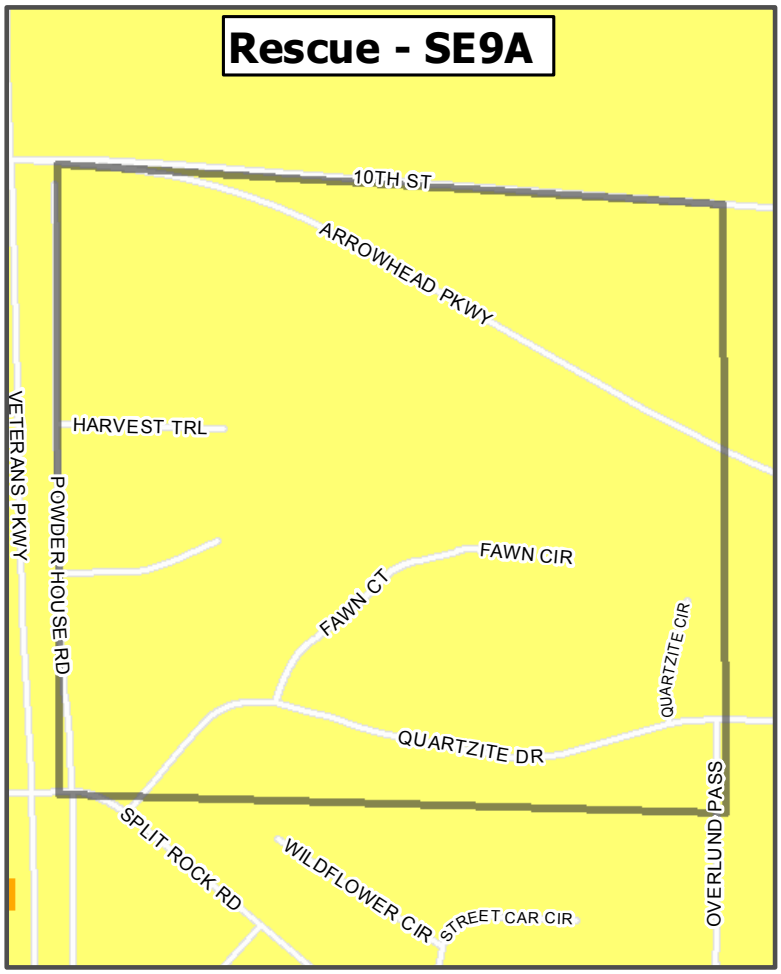
0.2 percent Annual Chance

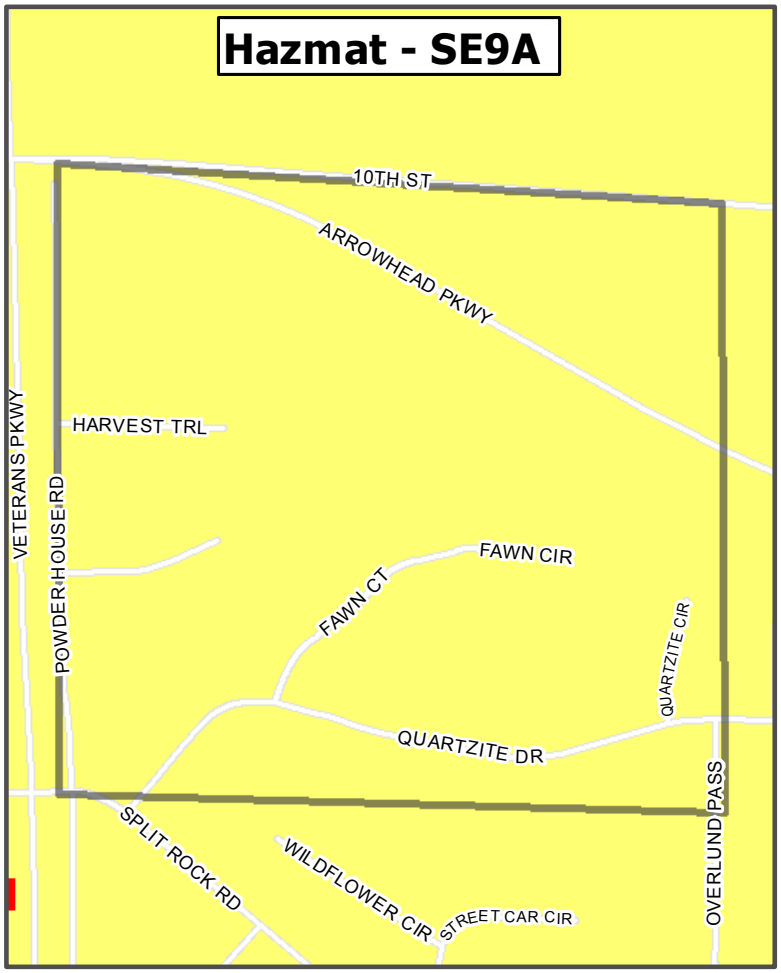
1 percent Annual Chance

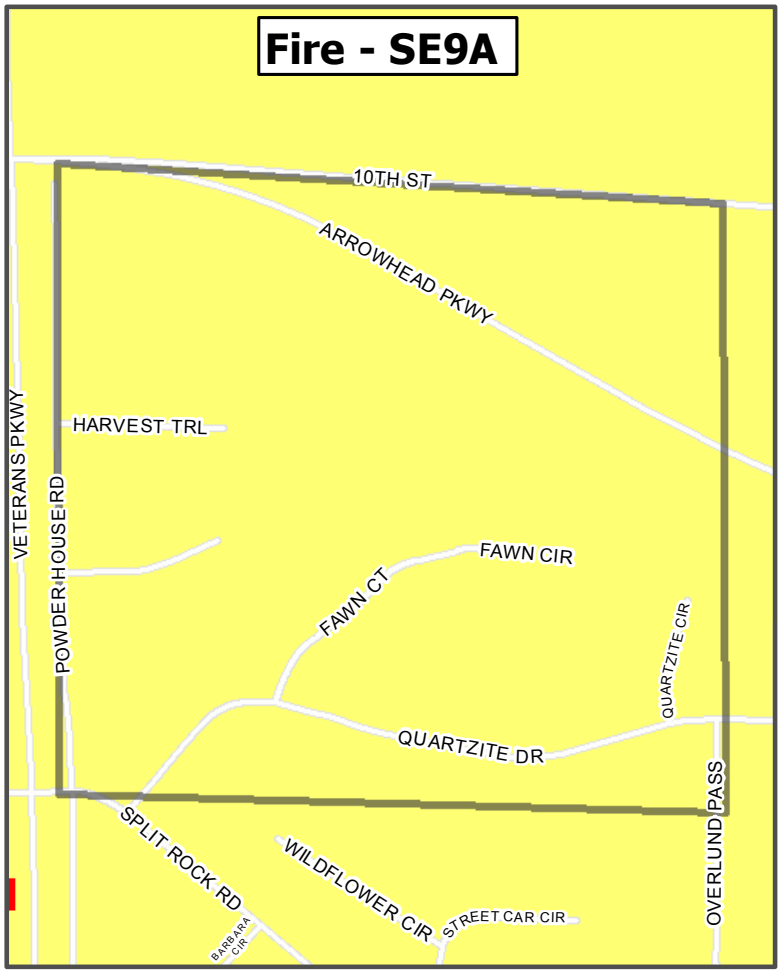







Low | Moderate | High | Special

1 inch = 804 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9B

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9B

Fire

Rescue

HazMat

EMS

SUB Substation

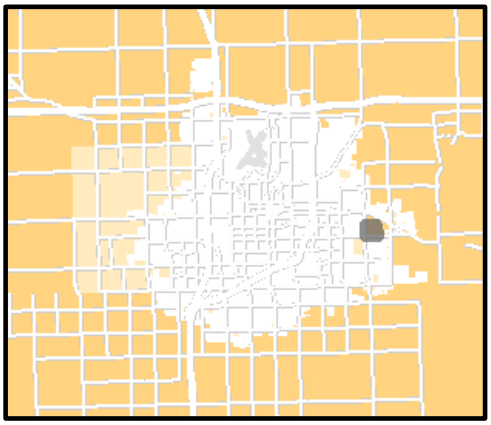
Transmission Line

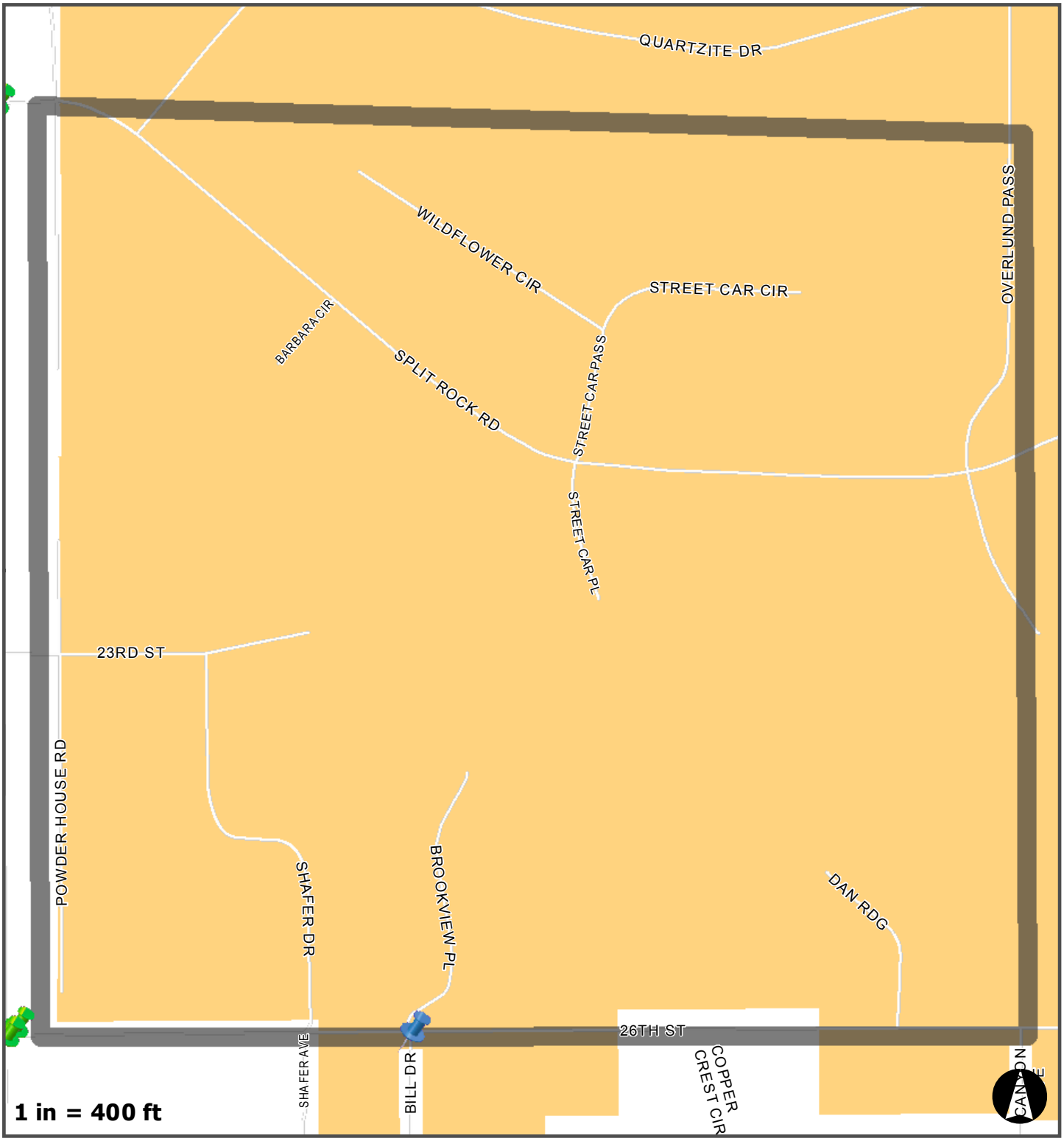
Major Gas Line

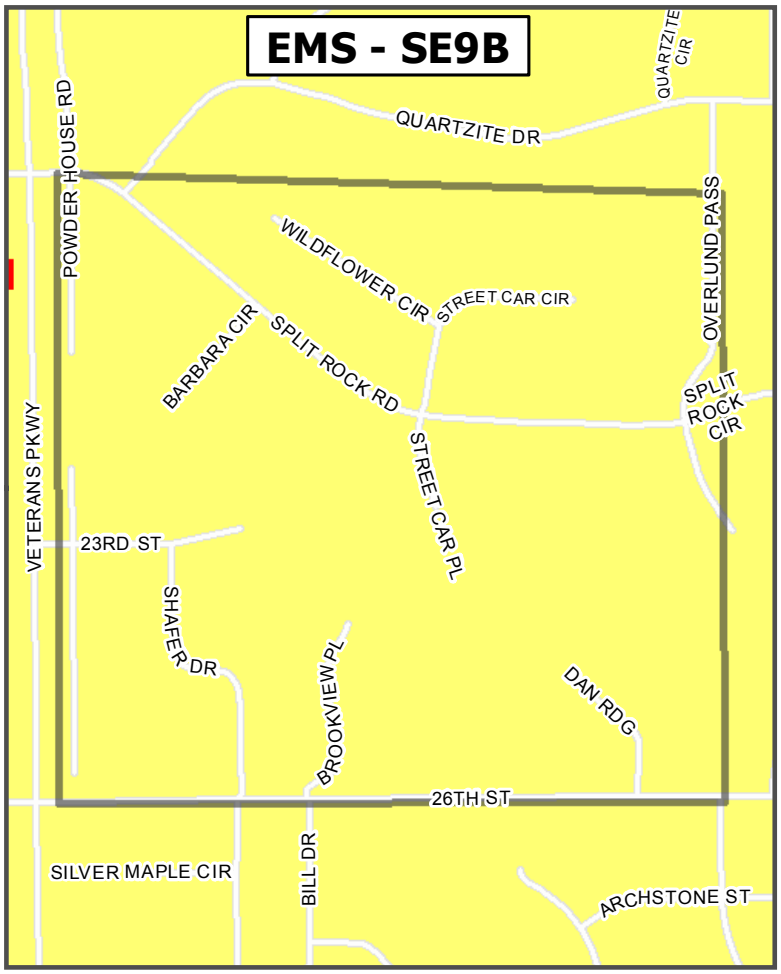
Floodplain

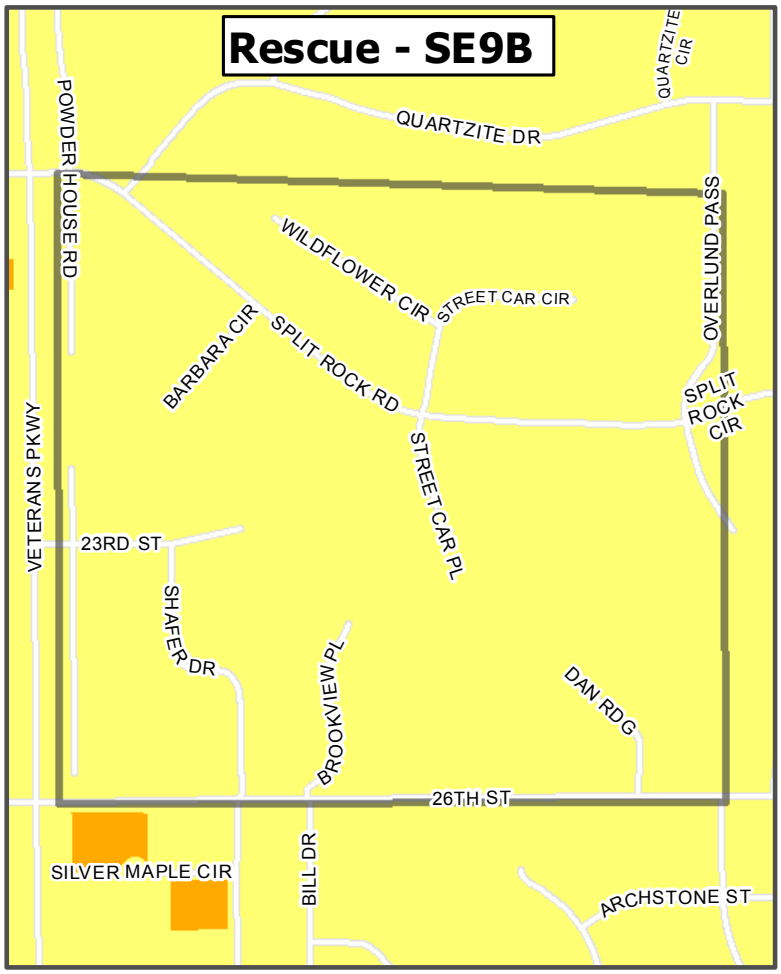
0.2 percent Annual Chance

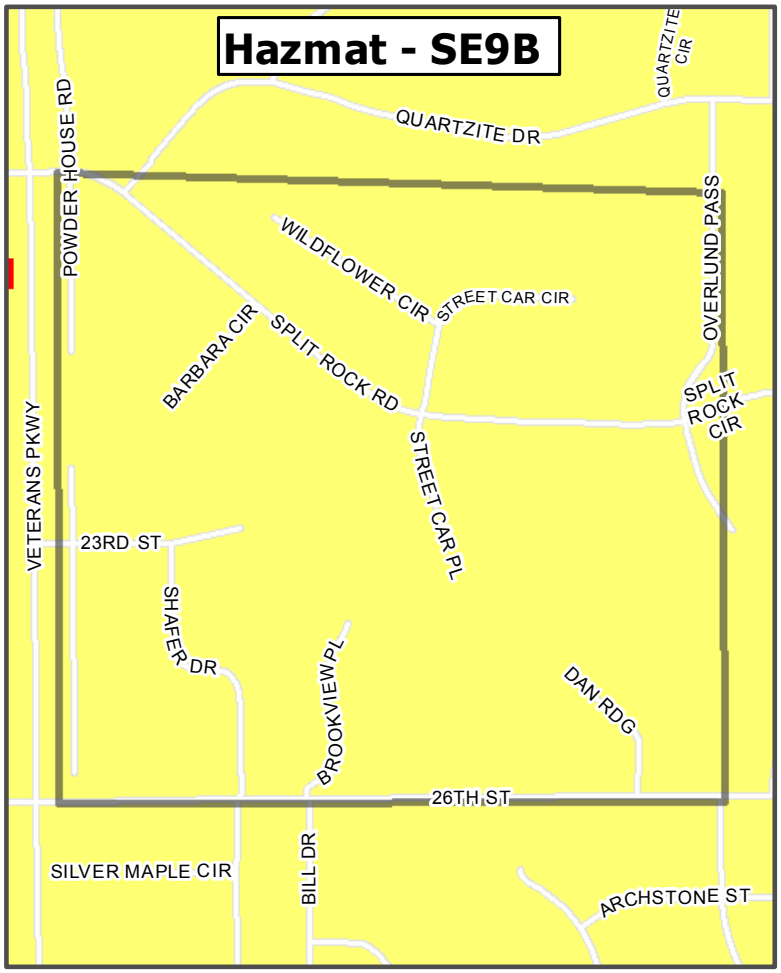
1 percent Annual Chance

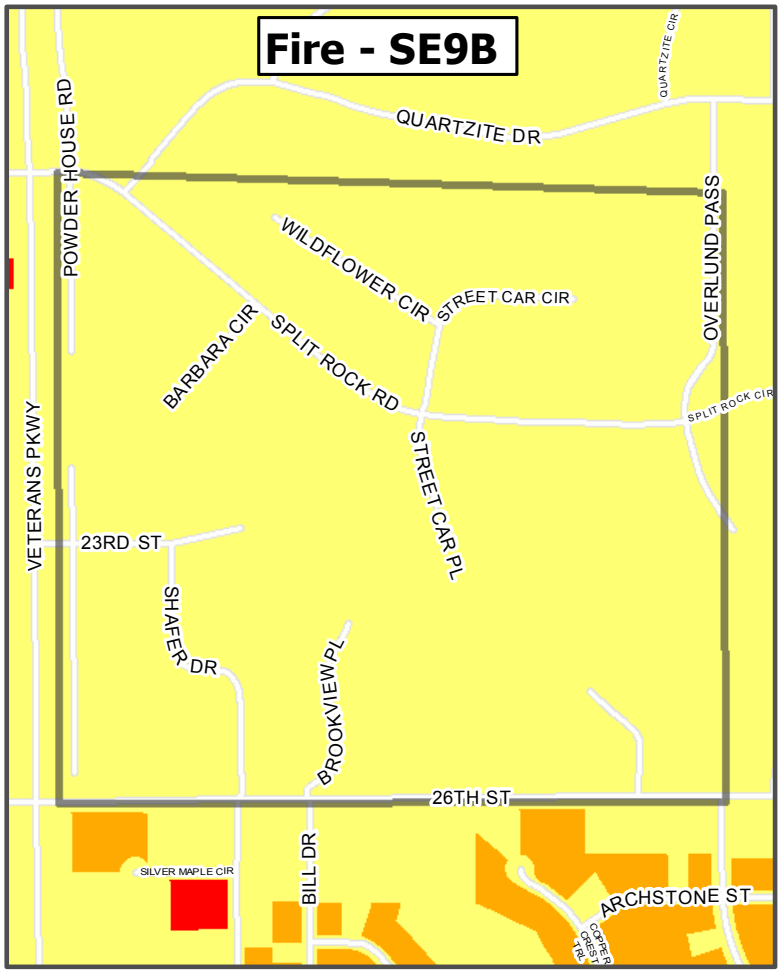







Low | Moderate | High | Special

1 inch = 806 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9C

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 1 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9C

Fire

Rescue

HazMat

EMS

SUB Substation

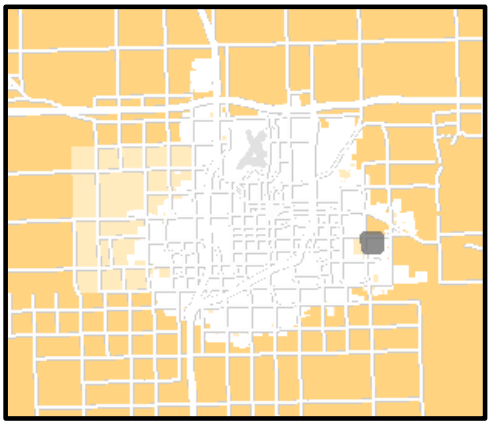
Transmission Line

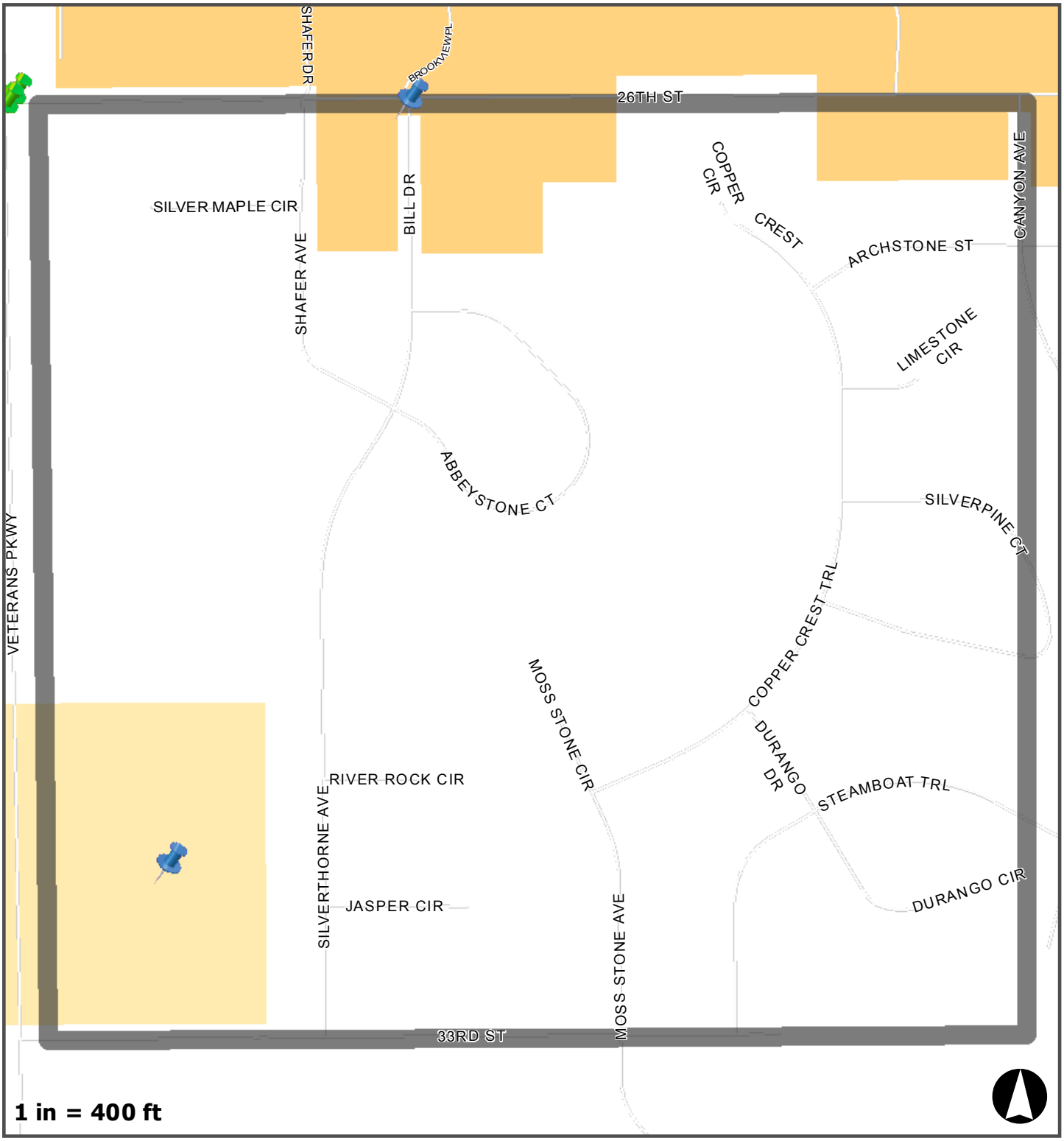
Major Gas Line

Floodplain

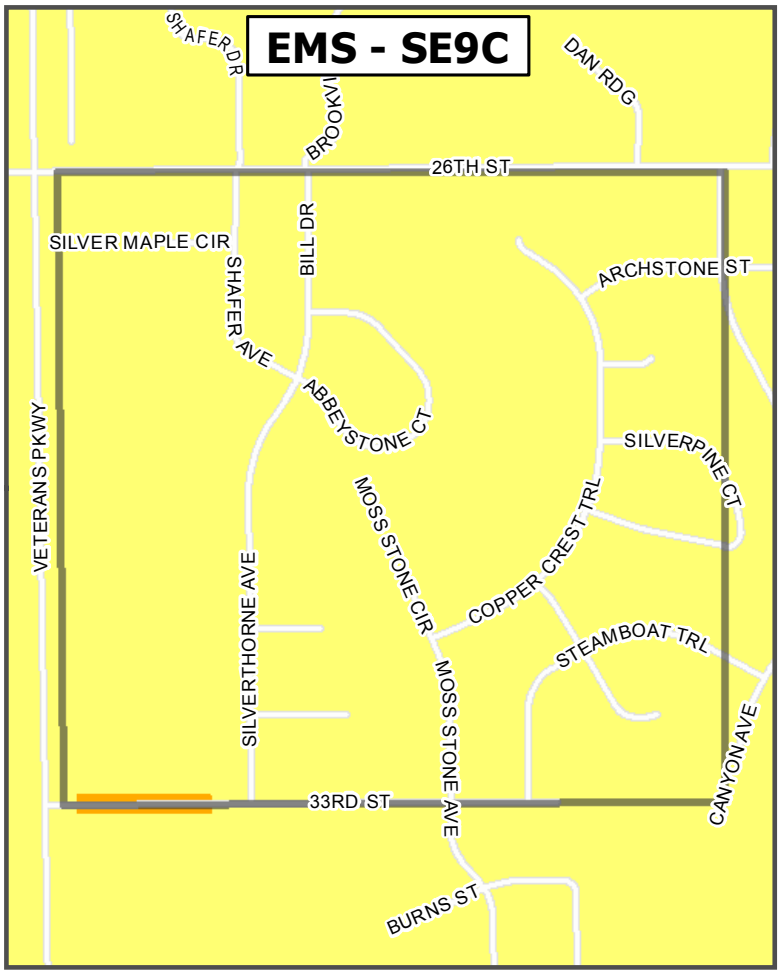
0.2 percent Annual Chance

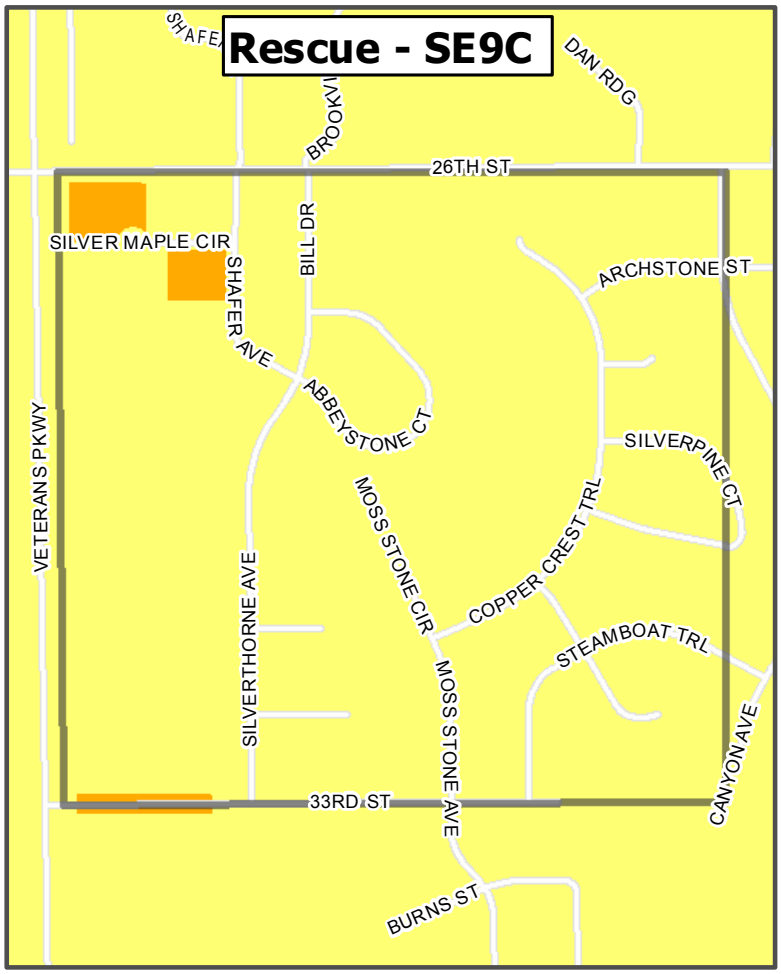
1 percent Annual Chance

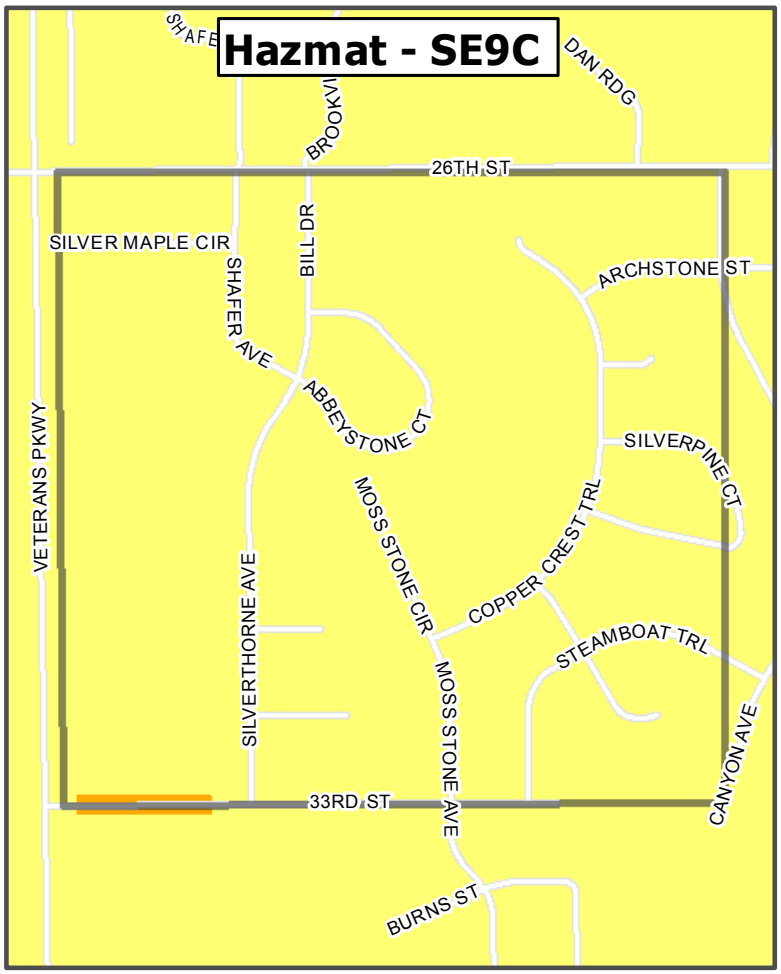


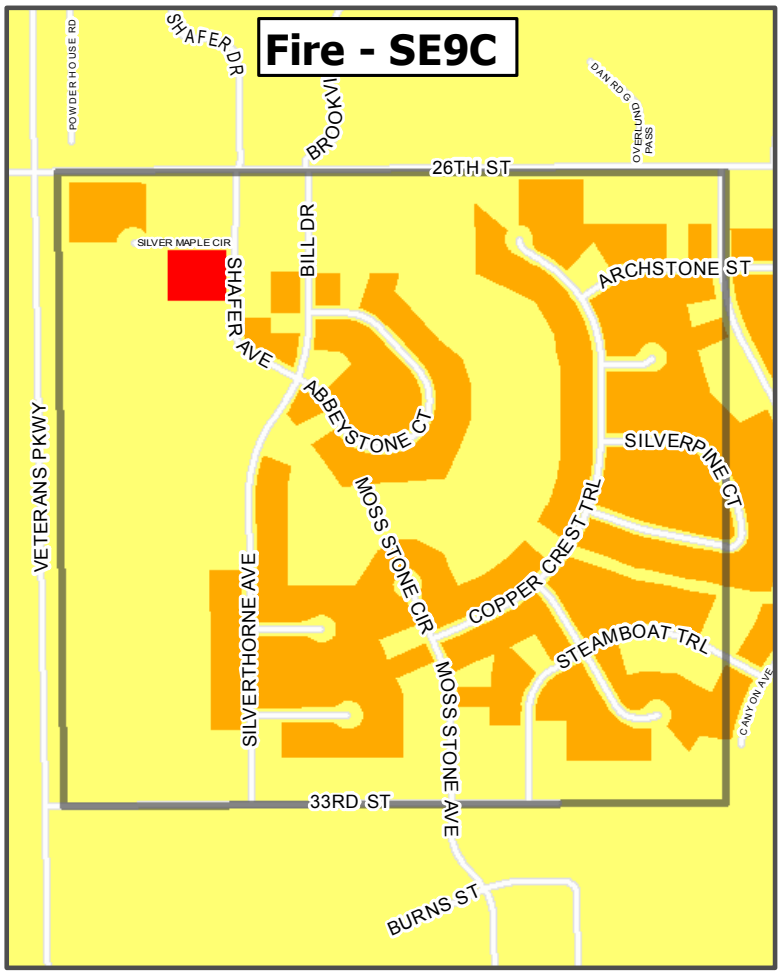



1 in = 400 ft




Low | Moderate | High | Special

1 inch = 804 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9D

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9D

Fire

Rescue

HazMat

EMS

SUB Substation

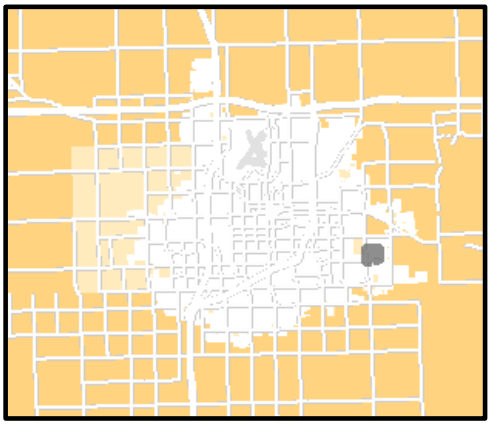
Transmission Line

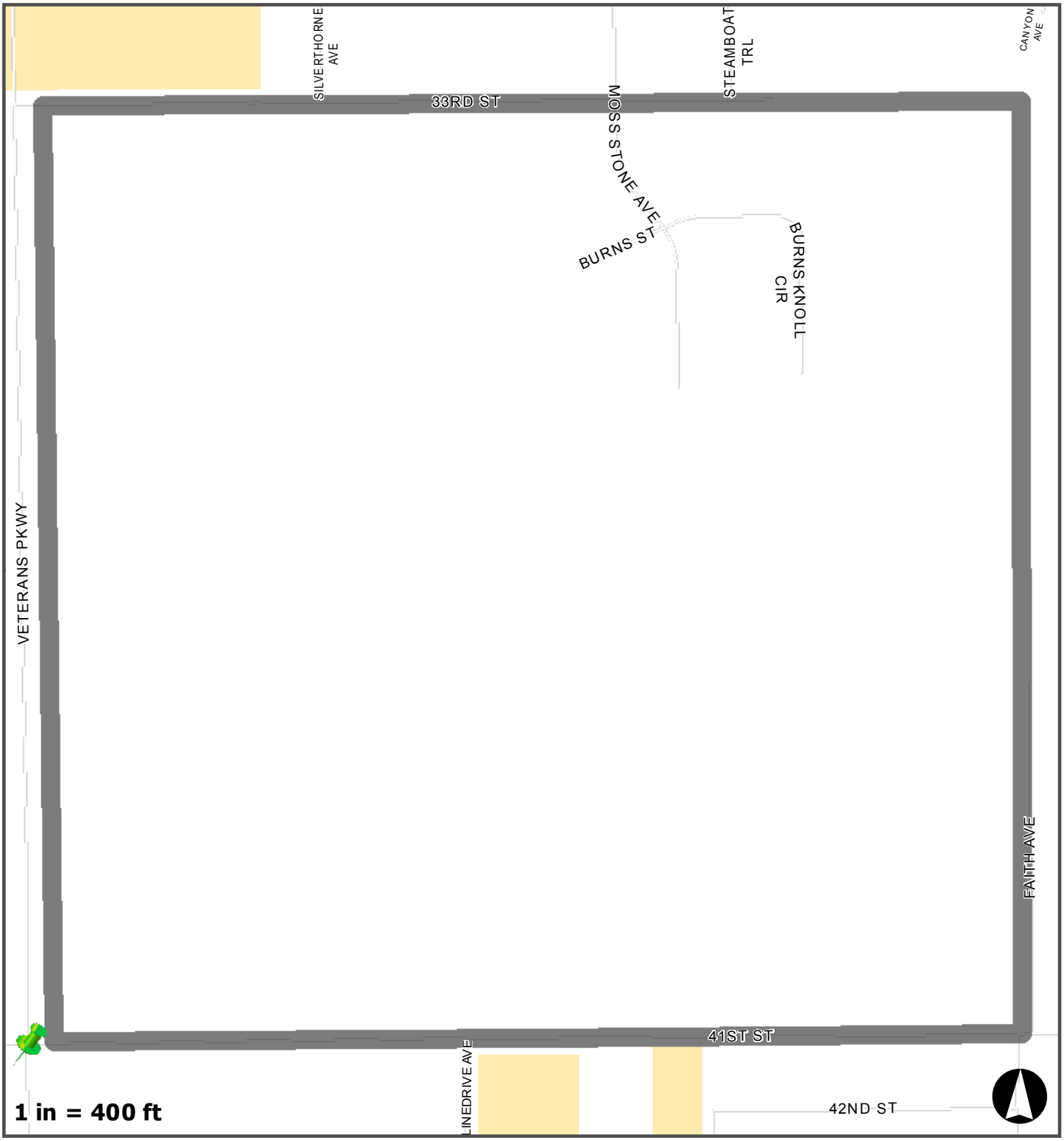
Major Gas Line

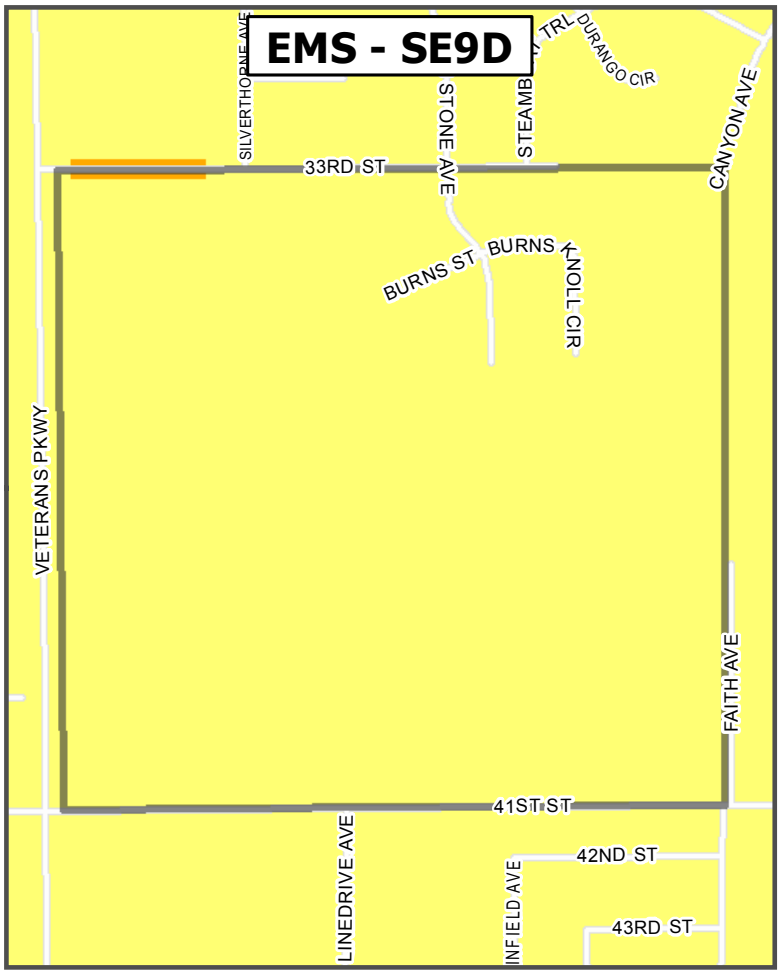
Floodplain

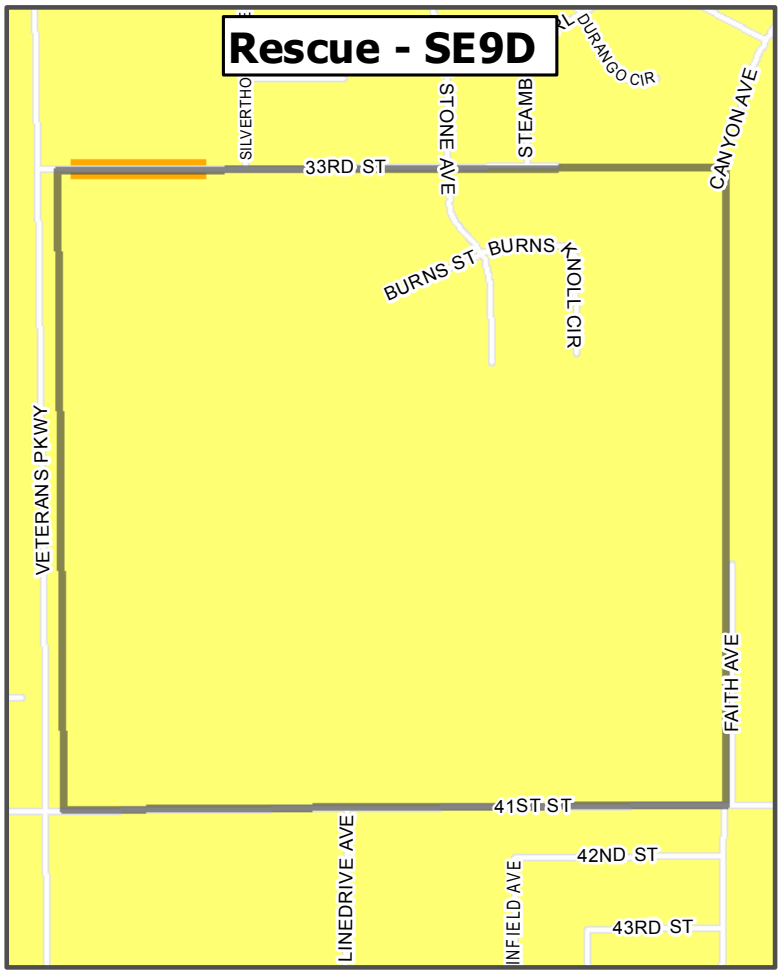
0.2 percent Annual Chance

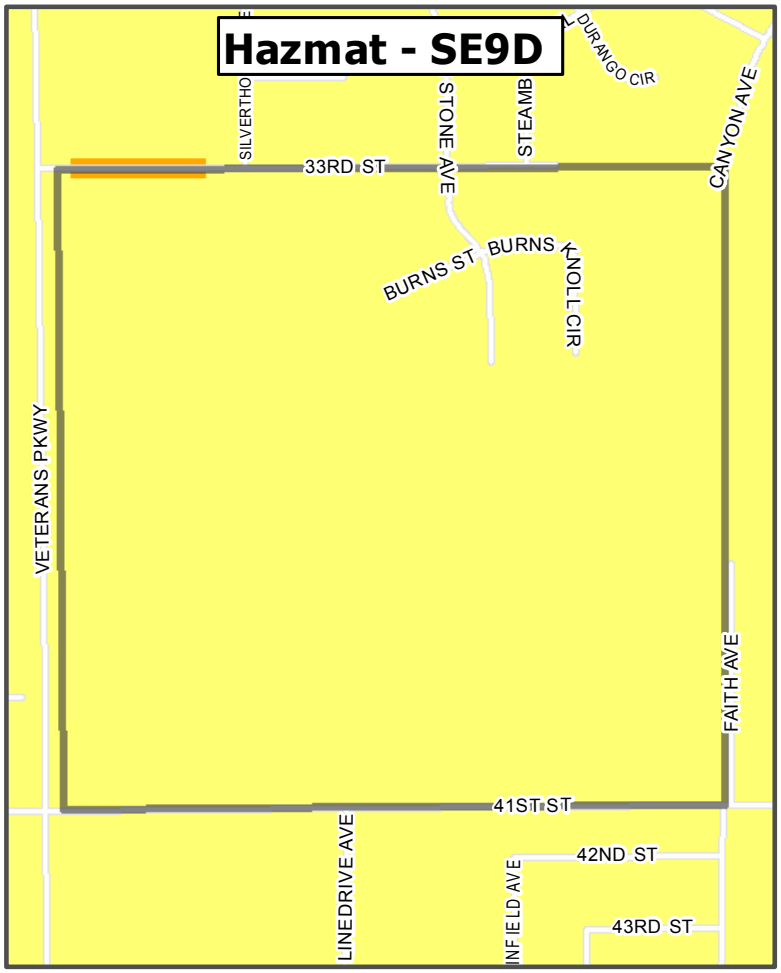
1 percent Annual Chance

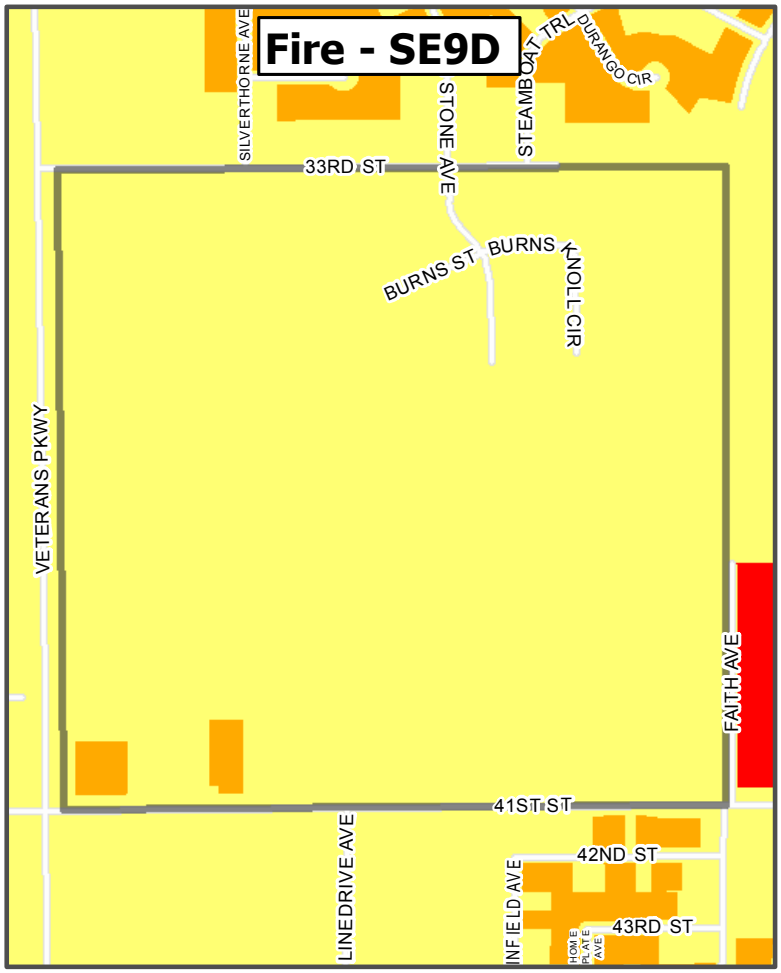







Low | Moderate | High | Special

1 inch = 795 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9E

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 3 |
| EMS Calls-High | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9E

Fire

Rescue

HazMat

EMS

SUB Substation

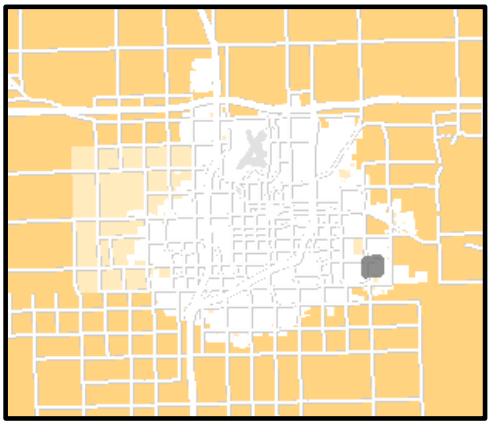
Transmission Line

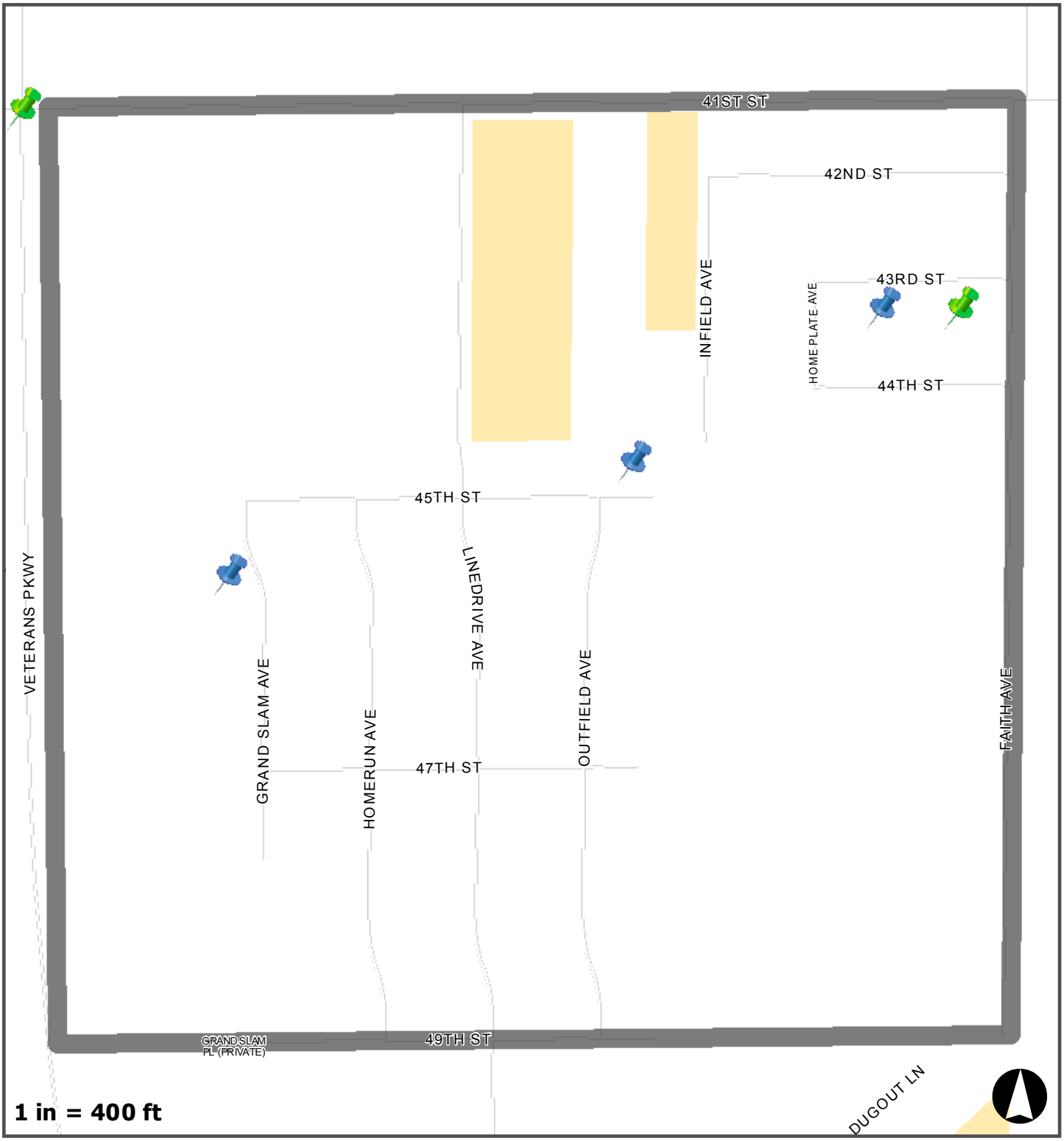
Major Gas Line

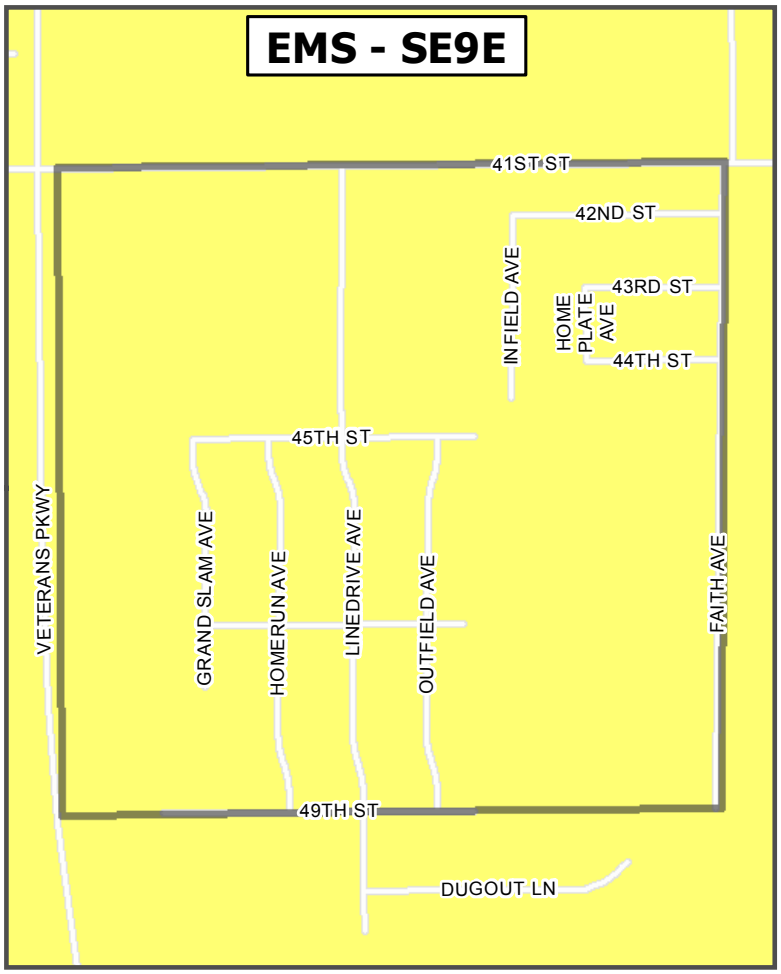
Floodplain

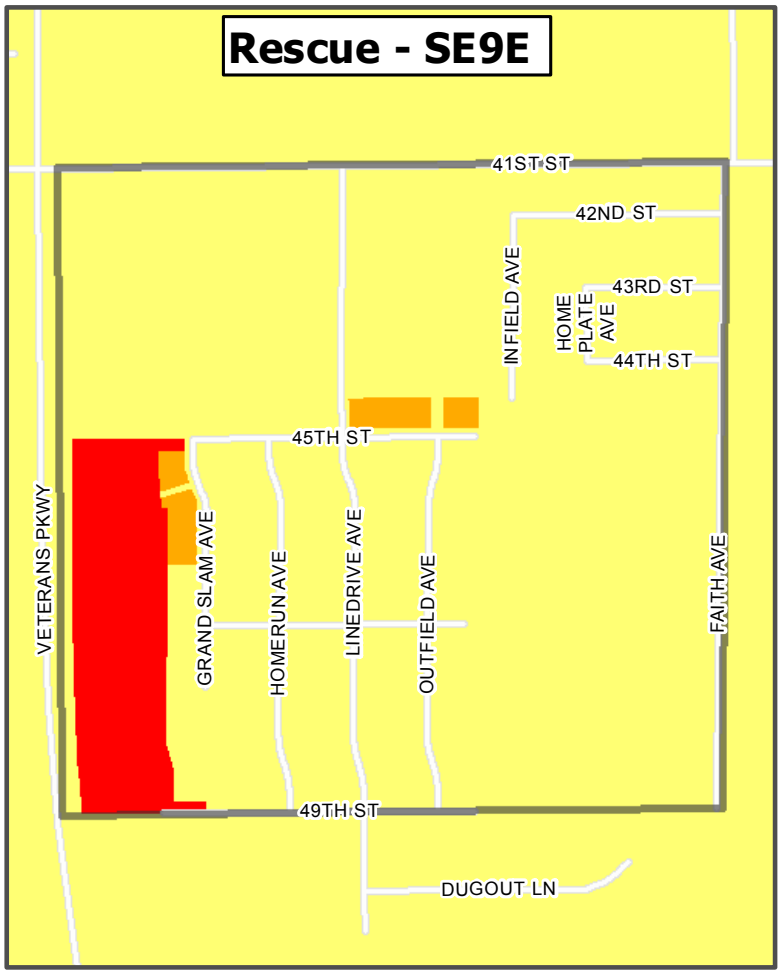
0.2 percent Annual Chance

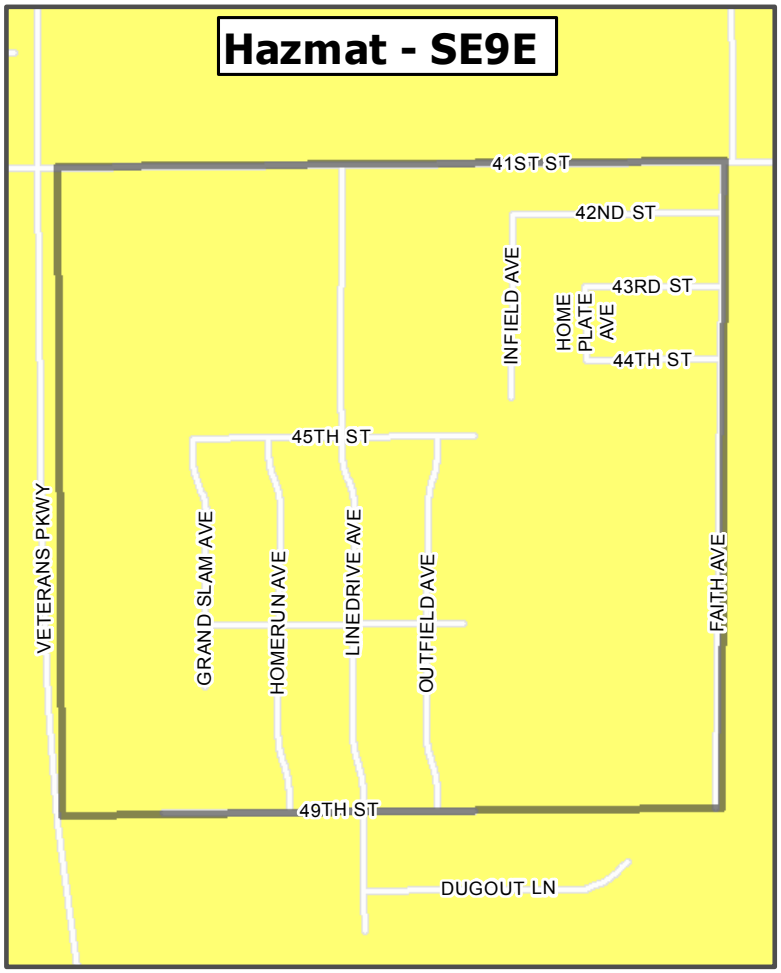
1 percent Annual Chance

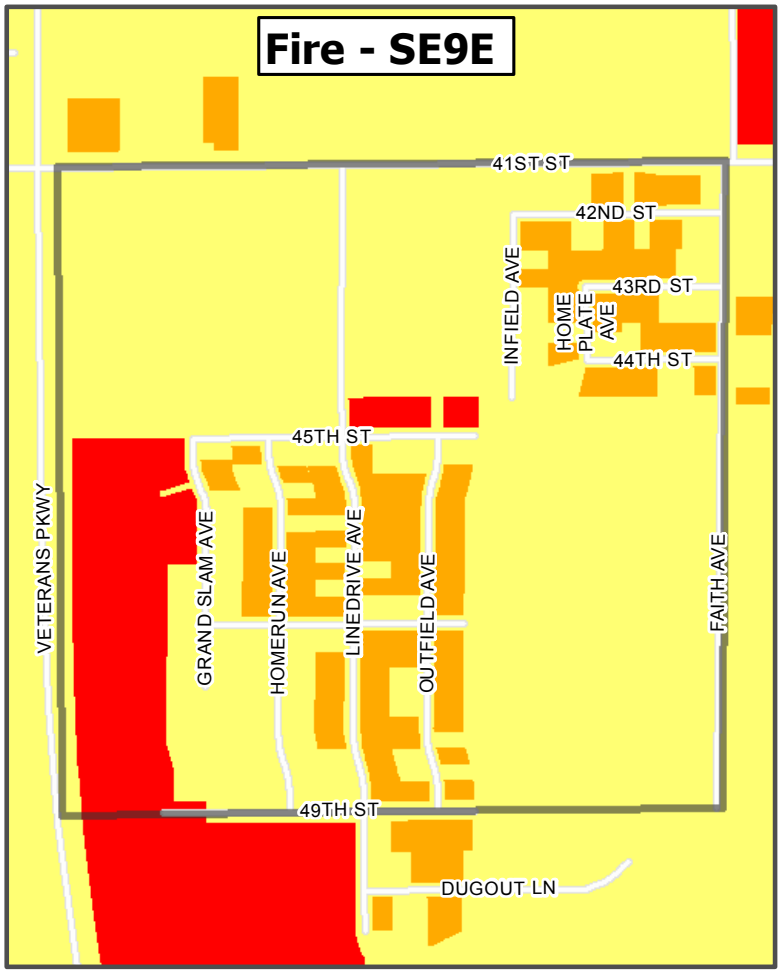







Low | Moderate | High | Special

1 inch = 786 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9F

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 1 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9F

Fire

Rescue

HazMat

EMS

SUB Substation

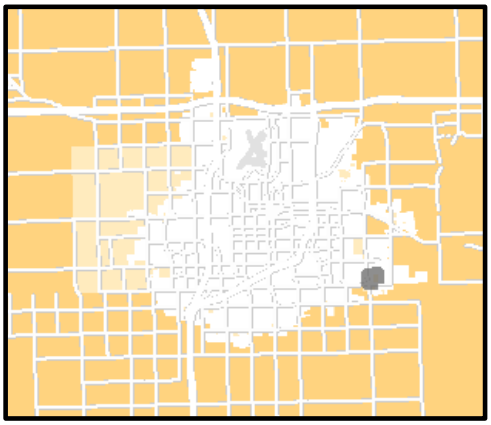
Transmission Line

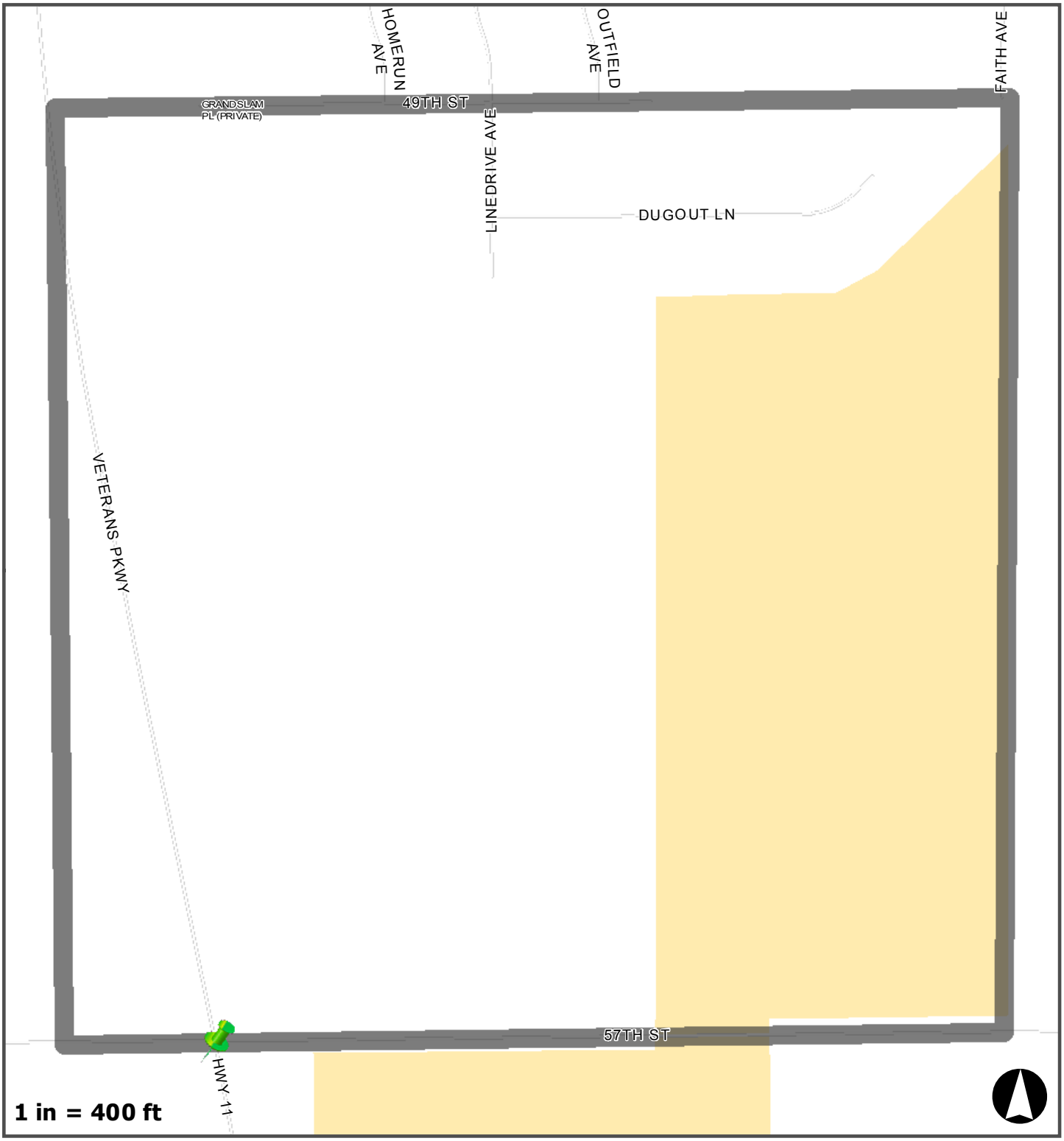
Major Gas Line

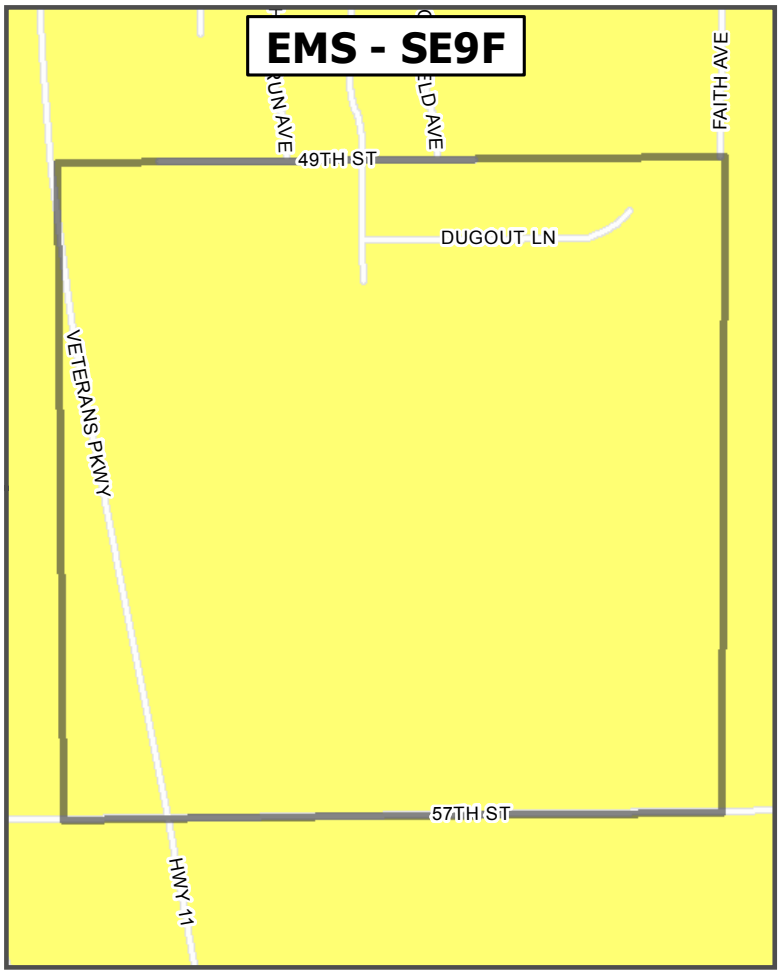
Floodplain

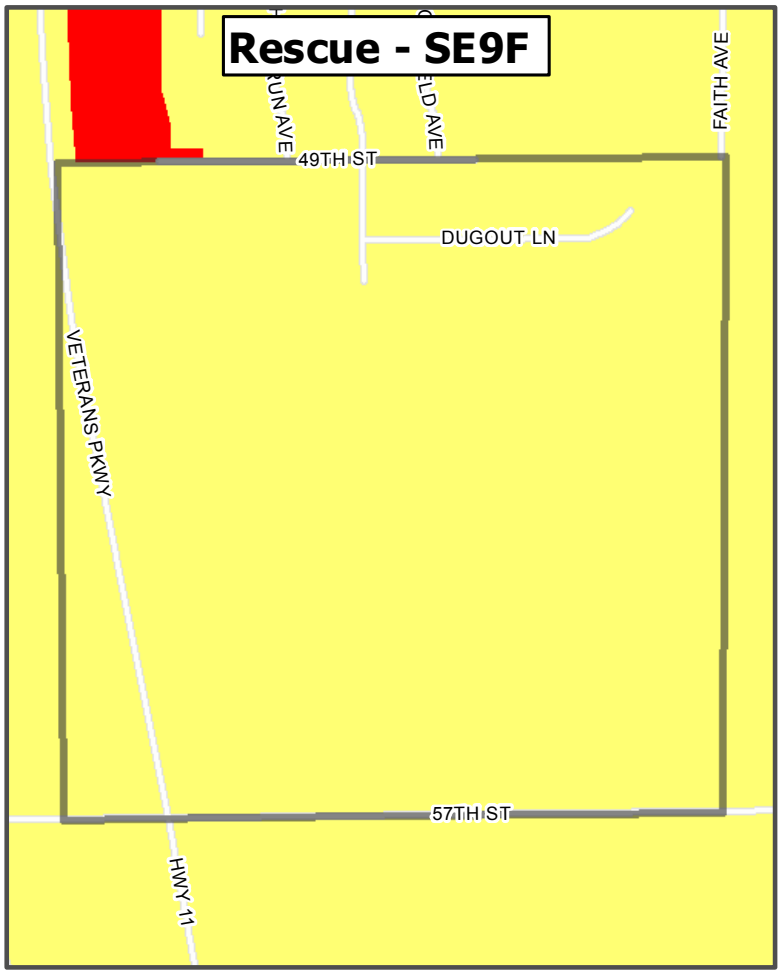
0.2 percent Annual Chance

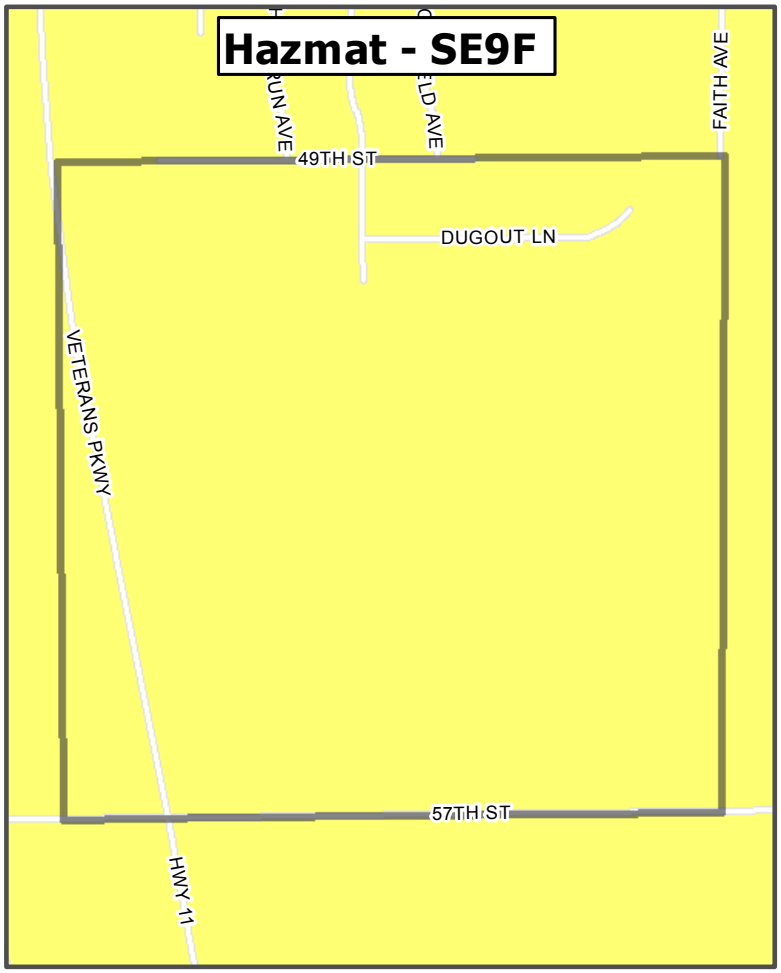
1 percent Annual Chance

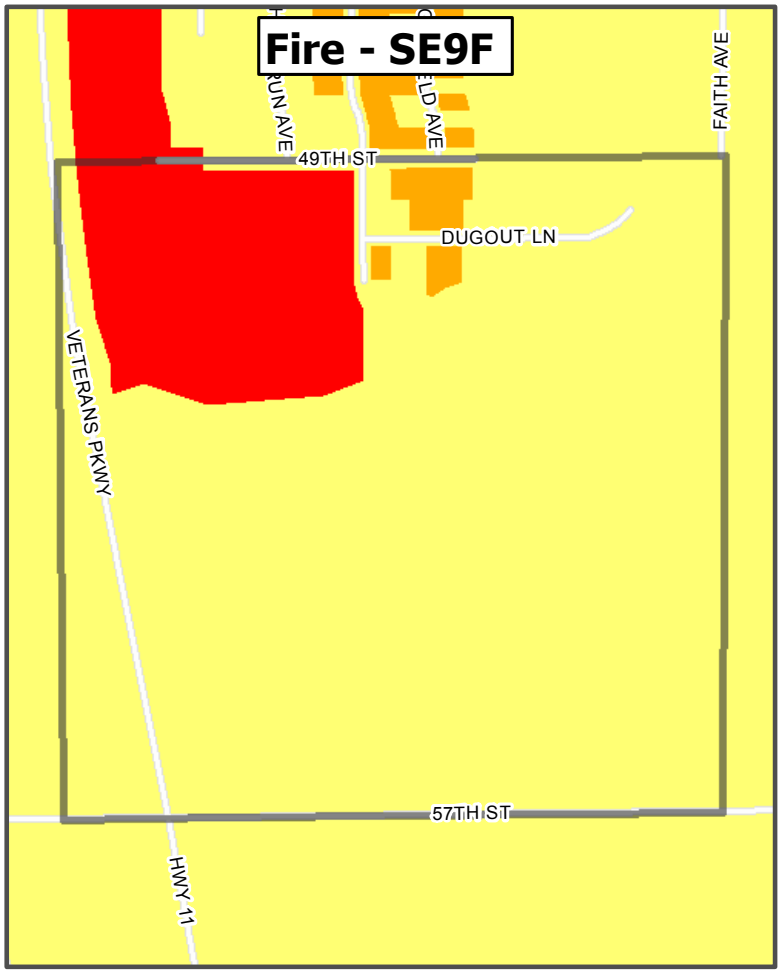







Low | Moderate | High | Special

1 inch = 775 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9G

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9G

Fire

Rescue

HazMat

EMS

SUB Substation

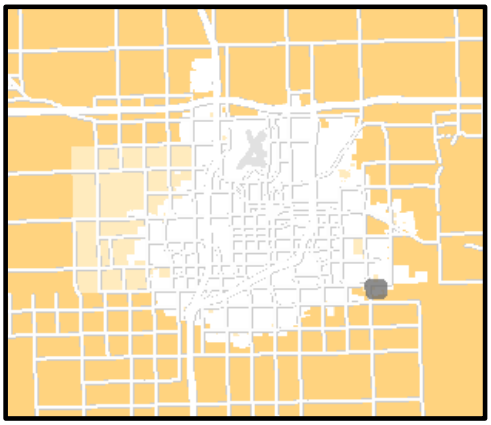
Transmission Line

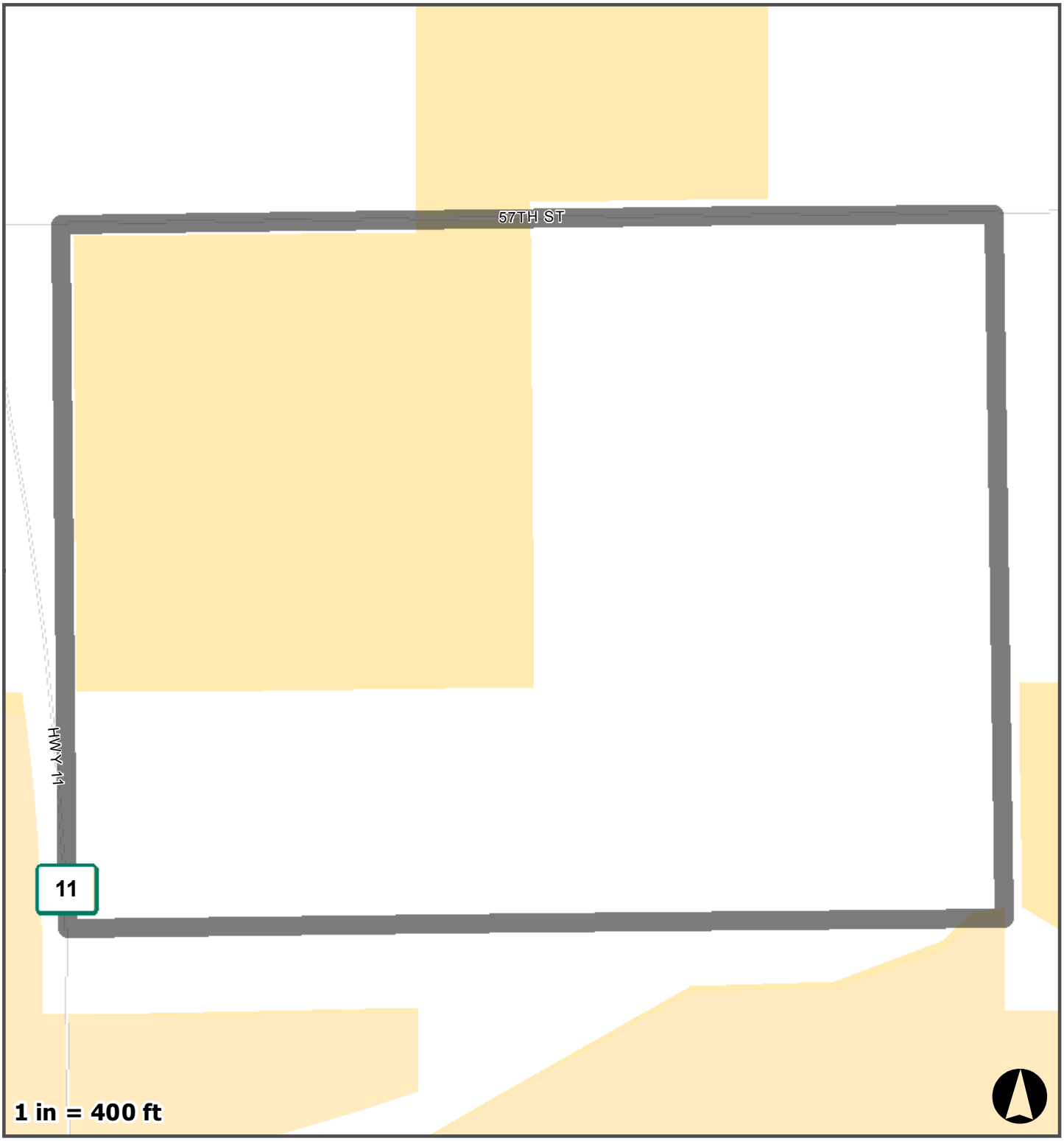
Major Gas Line

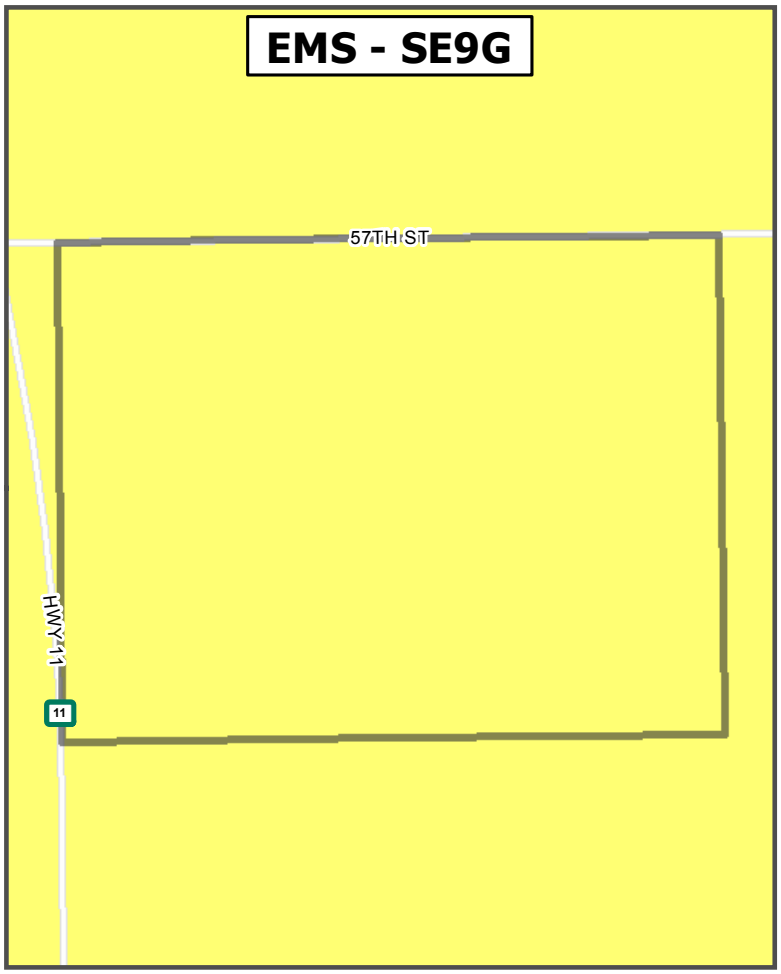
Floodplain

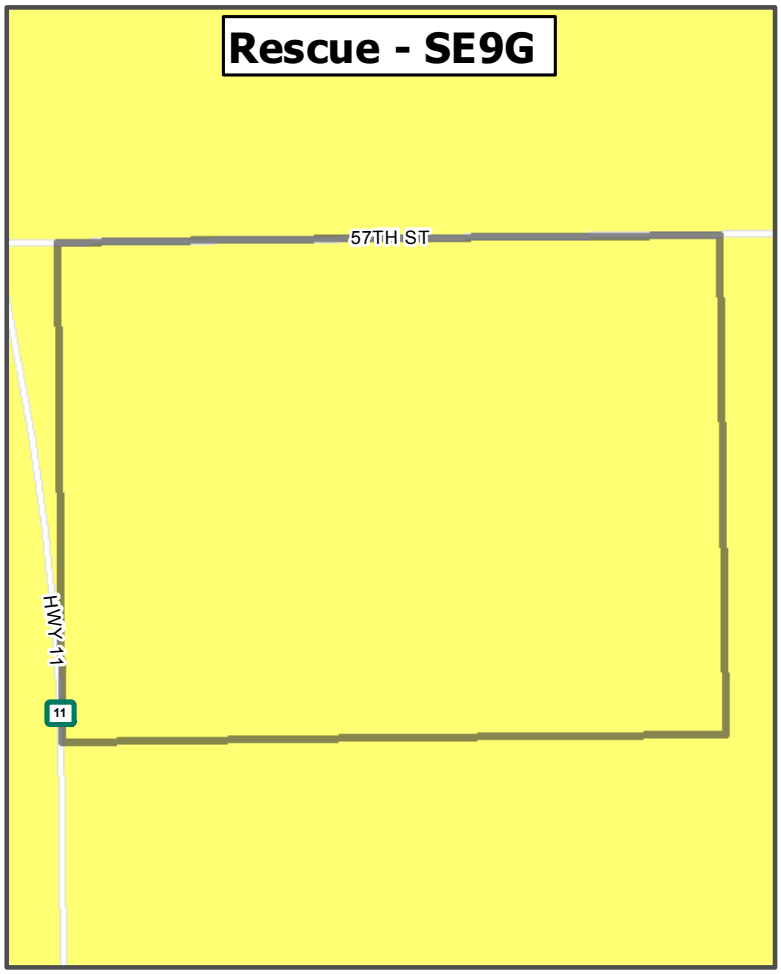
0.2 percent Annual Chance

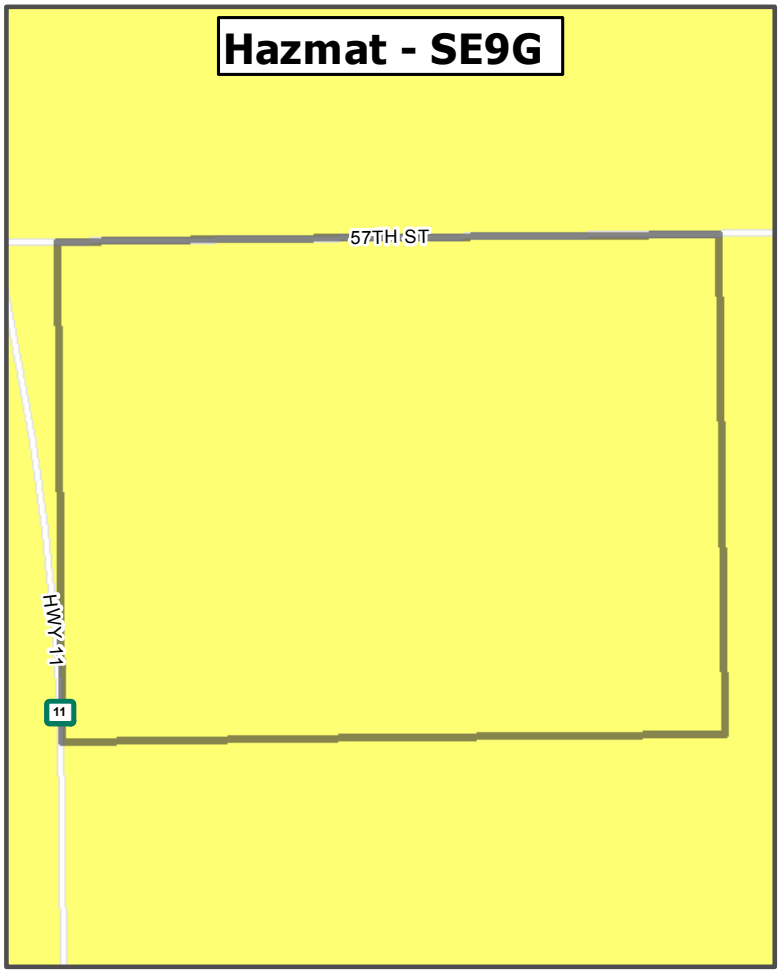
1 percent Annual Chance

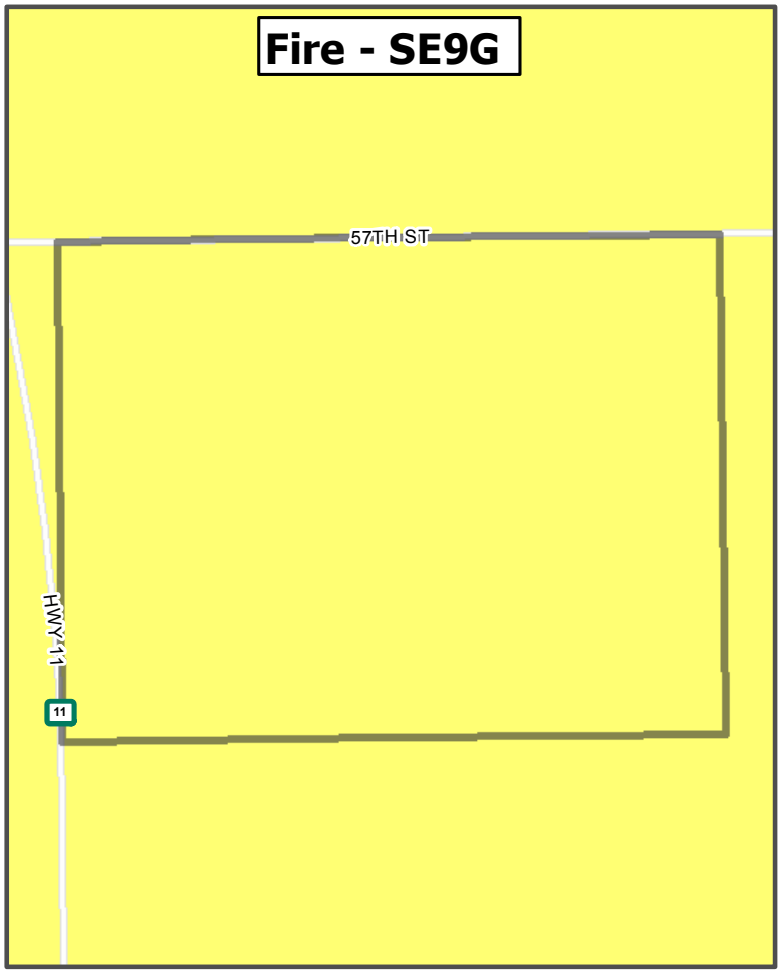







Low Moderate High Special

1 inch = 766 feet

# 2015 Hazard/Risk Analysis for Planning Zone (Quadrant): 9H

| Frequency of Fires | |
|---|---|
| Residential | 0 |
| Commercial | 0 |
| Vehicle | 0 |
| Wildland/Brush | 0 |
| Trash | 0 |
| Miscellaneous | 0 |

| Frequency of Hazmat/Conditions Calls | |
|---|---|
| Hazmat - Low | 0 |
| Hazmat - Moderate | 0 |
| Hazmat - High | 0 |
| Hazardous Conditions | 0 |

| Frequency of EMS Calls | |
|---|---|
| EMS Calls-Low | 0 |
| EMS Calls-Moderate | 0 |
| EMS Calls-High | 0 |

| Frequency of Technical Rescue Calls | |
|---|---|
| Technical Rescue | 0 |
| Extrication | 0 |

## Hazards Analysis Summary for Planning Zone

| Threat | History | Vulnerability | Max Threat | Probability |
|---|---|---|---|---|
| Airplane Crash | Low | High | High | Low |
| Flood - Major/Flash | Low | Low | Low | Low |
| Hazardous Materials | Low | High | High | Low |
| Rail Line | Low | Low | Low | Low |
| High Speed MVA | Low | Low | Moderate | Low |
| Pipeline Accident | Low | Low | Low | Low |
| Wildland/Interface (Grass) Fire | Low | Low | Low | Low |

| Comments/Special Risks | Response Type | Occupancy |
|---|---|---|

# SE9H

Fire

Rescue

HazMat

EMS

SUB Substation

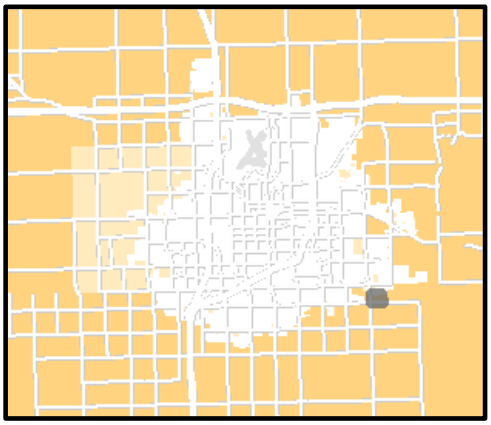
Transmission Line

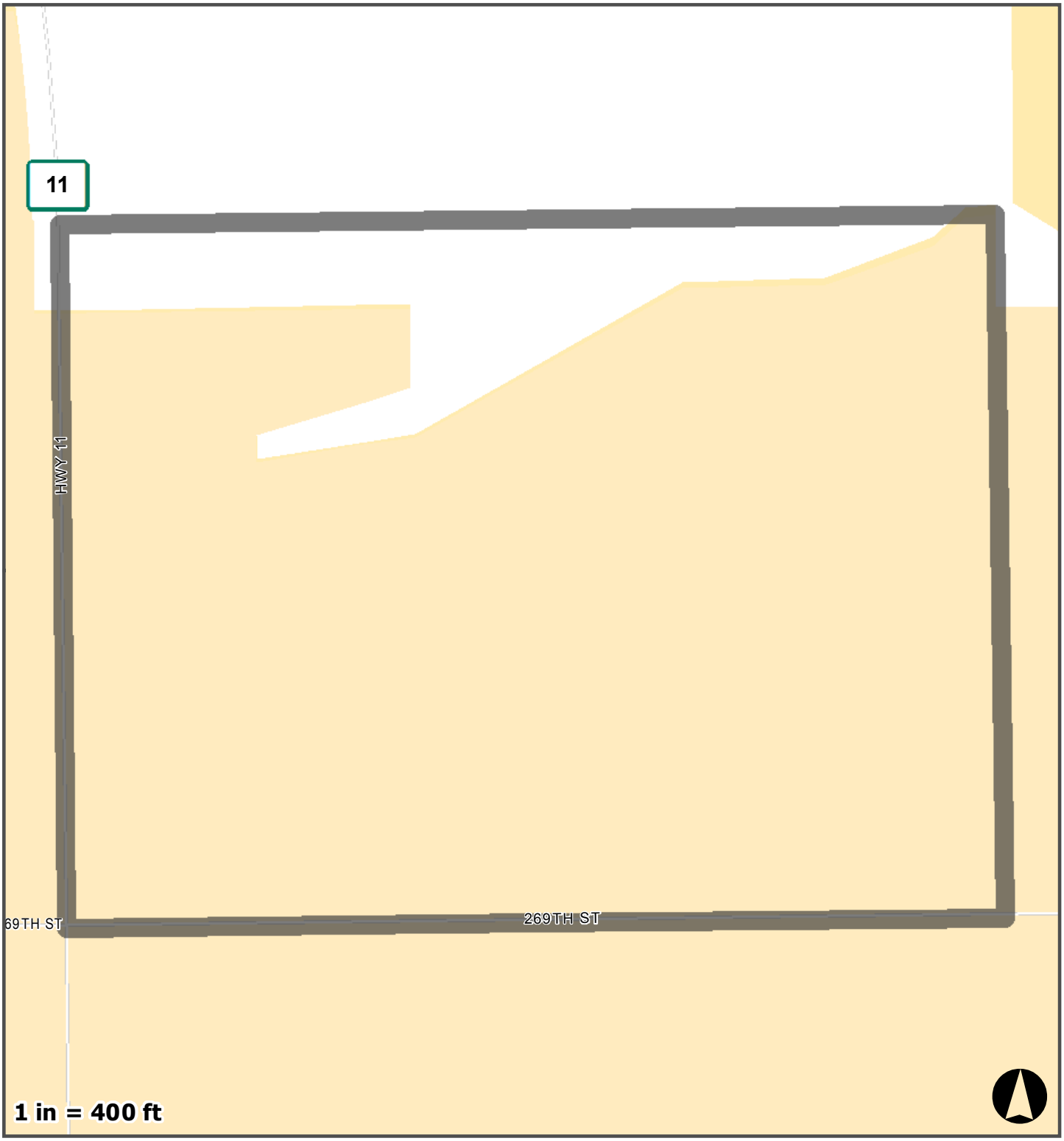
Major Gas Line

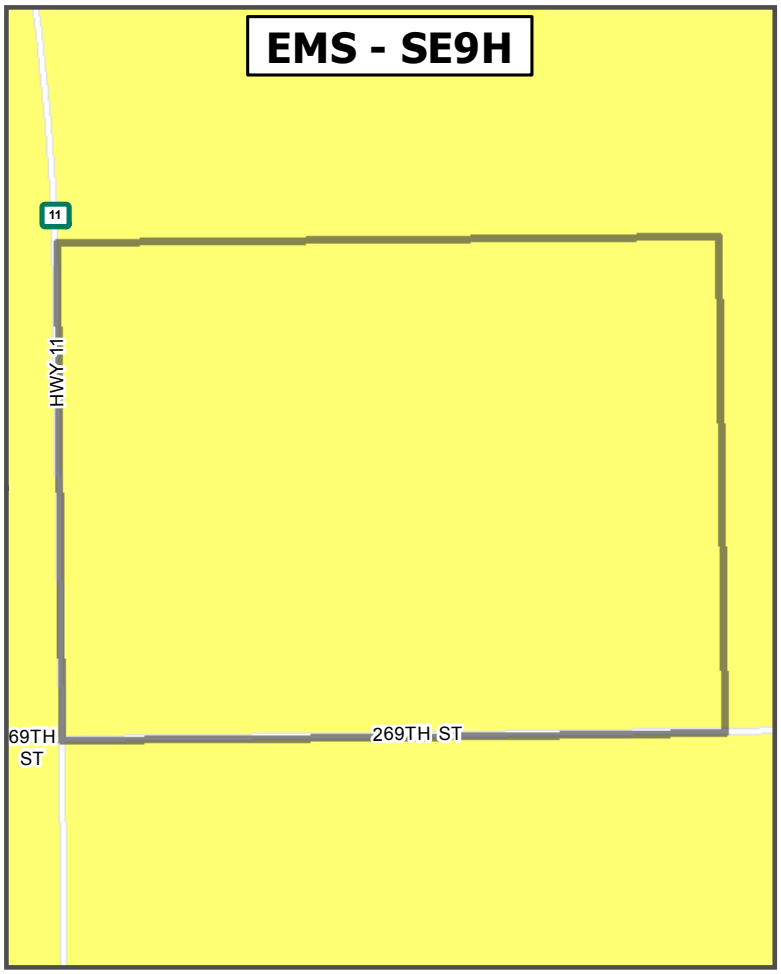
Floodplain

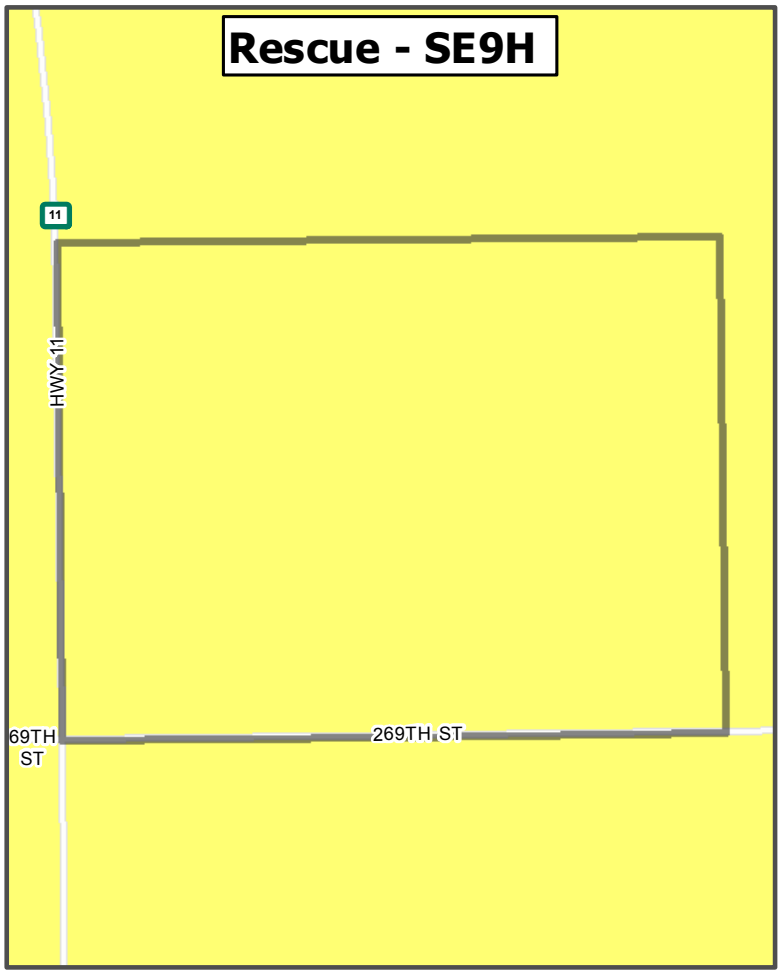
0.2 percent Annual Chance

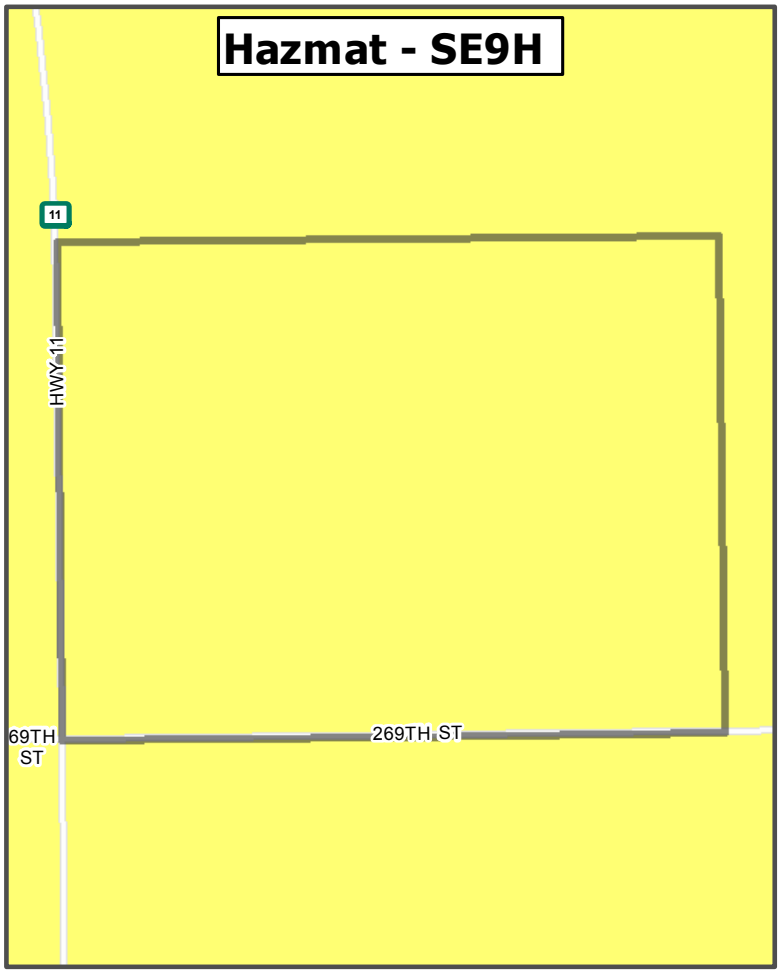
1 percent Annual Chance

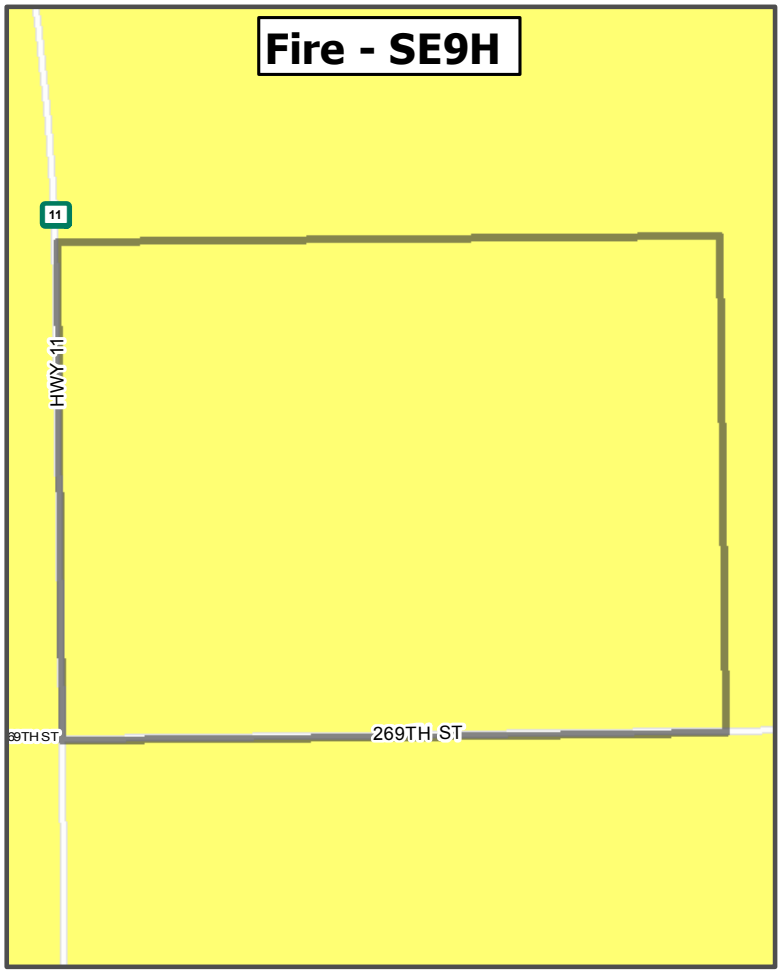







Low | Moderate | High | Special

1 inch = 768 feet