

**2022 CDBG Allocation & Critical Infrastructure Grant**  
**Environmental Review Record Finding of**  
**NO SIGNIFICANT IMPACT**

**1-Fire Station 1 Rehab & Expansion/1-Fire Protect. Fac. & Equip.**

**Grant: Grant A-X-22-2EQ-1 - \$500,000**

**Grant A-F-22-2EQ-1 - \$127,500**

**Performed by:**

**City of Wooster, Ohio**

City Hall

538 N. Market Street

Wooster, Ohio 44691

Phone: 330-263-5228

**Record Review Completed: 13 February, 2023**

*Originally published February 13, 2023 online at [www.woosteroh.com/economic-development](http://www.woosteroh.com/economic-development)*

*Specific Document Web Address: [www.woosteroh.com/economic-development/EA\\_FireStation1.pdf](http://www.woosteroh.com/economic-development/EA_FireStation1.pdf)*



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*This report contains the 2022 Environmental Assessment performed for the “1-Fire Station 1 Rehab & Expansion/1-Fire Protect. Fac. & Equip.” Project, a proposed \$5,373,088 project funded in part (\$627,500) through 2022 Community Development Block Grant funds made possible through the Ohio Development Service Agency’s Office of Community Development’s Critical Infrastructure Program. A successful renovation of the facility’s 10,148 square feet with up to a 4,828 square foot addition would provide the City of Wooster a fire station that meets current building codes & standards, allowing the City to continue to provide safety services to the citizens, businesses, and visitors to the City and its mutual aid partners in Wayne County.*

## Contents:

### Supporting Documents for Fire Station 1 Renovation and Expansion Project

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*Published 13 February 2023 by the City of Wooster. Please contact the City of Wooster's Department of Community Service and Development for additional information. (City of Wooster, 538 N. Market Street, Wooster, Ohio 44691. Phone: 330-263-5228, Website: [www.WoosterOh.com](http://www.WoosterOh.com).)*

### Statutory Checklist

*Environmental Assessment Worksheet*

### Supporting Documentation Index


- **Exhibit 1: Historic Preservation**  
*Section 106 Review & Concurrence Letter*  
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- **Exhibit 2: Floodplain Management**  
*Federal Emergency Management Agency Wayne County Flood Insurance Rate Maps*
- **Exhibit 3: Wetland Protection**  
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- **Exhibit 4: Coastal Zone Management**  
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- **Exhibit 11: Airport Clear Zones / Accident Potential Zones**  
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- **Exhibit 12: Explosive and Flammable Operations**  
*Measurement Maps and Calculation Tables*
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*Registered Sites*
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*NEPAssist Report, R2013-2017 Census data, ODSA LMI Map*
- **Exhibit 15: Field Notes**  
*Checklist, Contour Map, Zoning Map*

**NOTE Companion Documents to this report: A-F-22-2EQ-1 and A-X-22-2EQ-1 Applications and Agreements**





## Environmental Assessment Worksheet

Grantee	City of Wooster (2EQ)
Grant Number	A-X-22-2EQ-1; A-F-22-2EQ-1
Activity Name	1-Fire Station 1 Rehab & Expansion/1-Fire Protect. Fac. & Equip.
Activity Location	510 N. Market Street, Wooster, Ohio 44691 (40.80292756137111, -81.94163283086914)
<b>Activity Description:</b> <p>This activity will enable the rehabilitation and expansion of Fire Station 1, Wooster's oldest fire station which serves Wayne County's greatest concentration of LMI households and largest collection of historic properties. The 61-year old facility fails to meet multiple National Fire Protection Association (NFPA) standards for modern services. Specifically, Fire Station 1 is under-sized, with an apparatus bay which has become increasingly small due to the size of modern-day fire and EMS apparatus and equipment, an administrative operations area which lacks safety and functional space, and constrained and life support areas that do not provide the needed safety (including spaces to minimize infectious disease spread) and security for staff members. The facility also lacks appropriate ventilation, utilities, and plumbing, contributing to safety risks and growth of mold. A successful renovation of the facility's 10,148 square feet with up to a 4,828 square foot addition would provide the City of Wooster a fire station that meets current building codes &amp; standards, allowing the City to continue to provide safety services to the citizens, businesses, and visitors to the City and its mutual aid partners in Wayne County. This project would have already moved forward, but for unexpected material and labor cost increases which have now prevented the City's ability to move forward. With support through OCD's CDBG program, Wooster would be in position yet to commence this project late this year. The construction project is shovel ready and would provide the needed space, functional areas, and address the failing infrastructure (mechanical, plumbing, electrical) of a public safety facility that is occupied 24 hours a day / 365 days a year. With support from the CDBG Allocation Program and the companion Critical Infrastructure Grant, the project could move forward immediately.</p>	
<b>Determination:</b> <p><input checked="" type="checkbox"/> <u>Finding of No Significant Impact</u> (FONSI), whereby the Responsible Entity may proceed to Dissemination and publication of the FONSI, per regulations found at 24 CFR Section 58.43(a).</p> <p><input type="checkbox"/> <u>Finding of Significant Impact</u>, whereby the Responsible Entity must proceed to develop an Environmental Impact Statement (EIS) in compliance with 24 CFR Part 58, Subparts F or G.</p>	
Preparer Name: Jonathan S. Millea, AICP, CEcD	
Signature 	Date: 3 Feb 2023

### List of Attachments

<input checked="" type="checkbox"/> Location Map
<input checked="" type="checkbox"/> Site Photographs
<input checked="" type="checkbox"/> Copies of other Environmental Analyses (if applicable) List: <input type="text"/> <i>As listed in Table of Contents</i>
<input checked="" type="checkbox"/> Other Relevant Correspondence and Notifications (if applicable) List: <input type="text"/> <i>Ohio Historic Preservation Office (Exhibit 1)</i>
<input checked="" type="checkbox"/> Statutory Checklist Supporting Documentation
<input checked="" type="checkbox"/> Environmental Assessment Checklist Supporting Documentation
<input checked="" type="checkbox"/> Combined Notice: Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOI/RROF) Date: <input type="text"/> <i>February 15, 2023 - Daily Record</i>
<input type="checkbox"/> Request for Release of Funds (RROF) Date: <input type="text"/> <i>March 3, 2023</i>
<input type="checkbox"/> Release of Funds (ROF) Date: <input type="text"/> <i>On or about March 20, 2023</i>
<input type="checkbox"/> Additional Documentation Describe: <input type="text"/>



**Statutory Checklist Instructions:**

For each of the environmental laws and authorities listed below, determine the level of compliance required and provide a narrative explanation and list of supporting documentation. **The narrative must explain decision-making and compliance procedures.** Attach all supporting documentation to this worksheet.

**Statutory Checklist**

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<b>Historic Preservation</b>  Resources: <a href="#">State Historic Preservation Office</a> <a href="#">HUD Historic Preservation</a>	<b>YES</b>	This project concerns a structure in excess of 50 years old within a locally-designated landmark district. (The City of Wooster is a certified local government for the purposes of historic preservation). A coordination letter is recommended prior to the project moving forward. The building is non-contributing, while the rehabilitation is necessary to maintain the existing structure, and the expansion necessary and to include design elements to complement the district. Please see Exhibit 1 for a Section 106 request. The City of Wooster maintains a coordination agreement with the Historic Preservation Office. Notably, this project is necessary to support ongoing quality fire protection for Wayne County's largest collection of historic properties.
<b>Floodplain Management</b>  Resources: <a href="#">Floodplain Maps</a> <a href="#">Floodplain Administrators</a> <a href="#">HUD Floodplain Management</a>	<b>NO</b>	The project site exists outside of any designated floodplain. Additionally, the site is fitted with storm-water infrastructure. Please see Exhibit 2 for a reference map from the Federal Emergency Management Agency.
<b>Wetland Protection</b>  Resources: <a href="#">NRCS Web Soil Survey</a> <a href="#">National Wetlands Inventory</a> <a href="#">Ohio EPA Division of Surface Water</a> <a href="#">US Army Corps of Engineers Regulatory (Permits)</a> <a href="#">HUD Wetlands Protection</a>	<b>NO</b>	No impacts to wetlands are anticipated as part of this project, as the site is not classified as a wetland area. No wetland-type vegetation was observed on or near the site, and all work performed will be within the confines of the previously-disturbed right-of-way. Standard practices will be employed to prevent soil run-off into storm sewers. (Nearest jurisdictional stream is Christmas Run, a quarter of a mile away). A reference map is shown in Exhibit 3, from the U.S. Fish and Wildlife Service National Wetlands Inventory.

### Statutory Checklist

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<p style="text-align: center;"><b>Coastal Zone Management</b></p> <p>Resources:  <a href="#">ODNR Office of Coastal Management</a>  <a href="#">Ohio Coastal Atlas Map Viewer</a>  <a href="#">HUD Coastal Zone Management</a> </p>	<b>NO</b>	<p>The entirety of the City of Wooster Fire Station 1 Rehabilitation and Expansion project is outside of any coastal zone. The Office of Coastal Management does not maintain any zone or public access for rivers within Wayne County. Additionally, the City of Wooster is located entirely outside of any watershed serving Lake Erie. A reference map is shown in Exhibit 4 from the Office of Coastal Management.</p>
<p style="text-align: center;"><b>Sole Source Aquifers</b></p> <p>Resources:  <a href="#">Ohio EPA Sole Source Aquifers in Ohio</a>  <a href="#">HUD Sole Source Aquifers</a> </p>	<b>NO</b>	<p>The proposed rehabilitation project is not located on or near any sole source aquifers. Ground disturbance takes place in an area previously disturbed to construct the original fire station building, underground utilities, and vehicle parking. The structure will continue to be served with sanitary sewer and public water services. Ohio's sole source aquifers are generally confined to the western portion of the state.</p>
<p style="text-align: center;"><b>Endangered Species</b></p> <p>Resources:  <a href="#">US Fish &amp; Wildlife Service Section 7 information</a>  <a href="#">Endangered Species in Ohio</a>  <a href="#">ODNR Environmental Review</a>  <a href="#">HUD Endangered Species</a> </p>	<b>NO</b>	<p>The project site is not located within any critical habitat and is limited to an already-improved area, and therefore is highly unlikely to impact endangered, candidate, or threatened species. Note, trees in rear require removal separate of this project. The project area is located outside of defined critical habitats "CH" for any endangered or threatened species. However, ornamental and lawn trees exist on the premises, which are capable of supporting the Indiana Bat and Northern Long-eared Bat. Though no such disturbance is anticipated, should any aspect of the project require disturbance or removal, such will be performed outside of tree-habitable months (Oct 15 through Mar 15 in Ohio per Ohio Department of Natural Resources). This is standard operating procedure for our organization.</p> <p>Please see Exhibit 6 for 1. US Fish and Wildlife List of Threatened and Endangered Species Letter, 2. Ohio Department of Natural Resources Wayne County State Listed Animal and Plant Species</p>
<p style="text-align: center;"><b>Wild and Scenic Rivers</b></p> <p>Resources:  <a href="#">ODNR Scenic Rivers</a>  <a href="#">HUD Wild and Scenic Rivers</a> </p>	<b>NO</b>	<p>No impacts to Wild and Scenic Rivers are anticipated. The project area is confined to an approximate 1.7-acre developed urban site, which is located greater than one mile from any listed wild and scenic river (the closest being the state-designated Mohican River). Additionally, the rehabilitation and expansion will be subject to storm water controls.</p> <p>Please see Exhibit 7 for a reference map of state and federal rivers in Ohio.</p>



### Statutory Checklist

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<p style="text-align: center;"><b>Air Quality</b></p> <p>Resources:  <a href="#">US EPA Green Book</a>  <a href="#">Ohio EPA State Implementation Plans</a>  <a href="#">HUD Air Quality</a></p>	<b>YES</b>	<p>It is assumed that portions of Fire Station 1 contain asbestos and possibly lead-based paint. Surfaces and materials to be disturbed during the renovation will be tested to ensure compliance with laws and regulations. The renovation will require the Ohio EPA Notification of Demolition and Renovation before the project can commence. Such notification will be sent out at least ten days prior to the demolition.</p> <p>The project site is not located within a "non-attainment" or "maintenance" area as defined by the Ohio EPA. Wayne County meets the State's attainment standards for Ozone, Lead particulates, and Sulfur Dioxide. The State of Ohio as a whole meets Carbon Monoxide, Nitrogen Dioxide, and other particulate Matter attainment requirements. Beyond dust from ground disturbance and cutting of pavements, not impacts are anticipated. Reference maps are shown in Exhibit 8.</p>
<p style="text-align: center;"><b>Farmland Protection</b></p> <p>Resources:  <a href="#">NRCS Farmland Protection Policy Act</a>  <a href="#">HUD Farmlands Protection</a></p>	<b>NO</b>	<p>There are no impacts to prime farmland as the site is already developed within an urban area. The nearest suitable soils for farmland are contained within Christmas Run Creek banks. Soils are Canfield-Urban land complex with 2 to 6 percent slopes, highly prevalent within the City. A reference report from the USDA is provided in Exhibit 9.</p>
<p style="text-align: center;"><b>Noise Abatement and Control</b></p> <p>Resources:  <a href="#">HUD Noise Abatement and Control</a>  <a href="#">HUD Noise Guidebook</a>  <a href="#">HUD Day/Night Noise Level Electronic Assessment Tool</a>  <a href="#">HUD Sound Transmission Classification Assessment Tool</a>  <a href="#">ODOT Traffic Monitoring</a>  <a href="#">Ohio Airport Information</a>  <a href="#">Airport Master Records and Reports</a>  <a href="#">PUCO/ORDC Railroad Information System</a>  <a href="#">Federal Railroad Administration Query by Location tool</a></p>	<b>NO</b>	<p>The project exists within an urbanized area. As a building renovation project and with additions that include brick, noise from exterior sources is reduced well-below standards. As a worst-case scenario, an exterior DNL of 66 is calculated at the very front of the facility without any mitigation and based on the following assumptions:</p> <ol style="list-style-type: none"> <li>1. Based on 2021 averaged tables from classification traffic counts, the existing traffic on Market Street roadway 75 feet from the NAL (Noise Assessment Location) with 6,456 events daily (6310 cars, 146 other vehicles assumed heavy trucks) Note, the road disallows heavy trucks with exception to emergency response vehicles, which primarily relates to Fire Station 1. This generator is the commanding factor impacting noise at the facility. (Assuming a NAL 160 feet from the source, which is the case with the life-support area and much of the office area, the DNL with this being lower, the composite DNL falls to 62 and below).</li> <li>2. Existing traffic on Bowman Street, an urban major collector (5,947 ADT allowing heavy trucks – no data available, so 20% is presumed. (With this being lower, the composite DNL falls to 65 and below).</li> <li>3. A Class II Norfolk-Southern railway with at-grade crossings. This DNL falls to 64 at the living section of the facility, located approximately 130 feet from the road. The zoning of the facility is C-1 Office and Institutional.</li> </ol>

### Statutory Checklist

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
		<p>Sources for traffic volumes were obtained through ODOT's Transportation Data Management System, and rail figures through Public Utilities Commission Ohio Railroad Information System.</p> <p>Siren-dispatches occur with regularity but are not daily events as protocols are in place to minimize noise. Fire Station 1 is a 24/7-staffed facility with living areas and dormitory. Personnel on-site are on duty to provide emergency response at all times. The project will expand offices and improve living areas with modern materials, including windows, walls, and insulation to lower noise considerably below standards.</p> <p>Assuming an exterior noise level above 65 DNL, factoring in building materials to The DNL for <i>inside</i> the renovated and expanded structure is substantially lowered due to the exterior brick wall. Calculations are provided through HUD's Sound Transmission Classification Assessment Tool (STraCAT), [<a href="https://www.hudexchange.info/stracat/">https://www.hudexchange.info/stracat/</a>] demonstrating interior reductions to well-below requirements, including within the garage bays. Calculations are shared in Exhibit 10.</p>
<p><b>Airport Clear Zones and Accident Potential Zones</b></p> <p>Resources:  <a href="#">Ohio Airport Information</a>  <a href="#">HUD Airport Hazards</a>  <a href="#">Airport Master Records and Reports</a></p>	<p><b>NO</b></p>	<p>The project site is located greater than 2,500 feet of a civilian airport and beyond 1,500 feet of a military airport. The nearest facility indicated is a privately-owned grass landing strip used ultralight landings and takeoffs, which is approximately 9,000 feet from the project site. Exhibit 11 shares an excerpt from the FAA's December 29, 2022 sectional (Detroit) illustrating vicinity aerodromes. Additionally included are measurements from the Wayne County Auditor's GIS system.</p>
<p><b>Explosive and Flammable Operations</b></p> <p>Resources:  <a href="#">HUD Explosive and Flammable Facilities</a>  <a href="#">US EPA NEPAassist</a>  <a href="#">US EPA Envirofacts</a>  <a href="#">HUD Choosing an Environmentally Safe Site</a>  <a href="#">Acceptable Separation Distance Calculator</a>  <a href="#">Acceptable Separation Distance Guidebook</a></p>	<p><b>NO</b></p>	<p>Fire Station 1 is situated in a mixed-use residential/office/small commercial neighborhood. There are no existing nor planned aboveground storage containers with more than 100 gallon capacity for industrial fuels nor containers of uncommon liquid industrial fuels. (The project site, as the greater City of Wooster, is served by underground natural gas. Industrial tanks are limited to industrial areas.)</p> <p>The closest and only known above-ground storage tank within one mile of the site is a fuel facility at 1055 W. Old Lincoln Way, Wooster, Ohio (Santmyer Oil Co). Six 26-ft, 10-diameter silos hold diesel and gasoline fuels (26 feet by 10 feet diameter = 15,276 gallons, multiplied by 6 = 91,656 gallons.) The acceptable site distance is 1,816.50 feet. Fire Station 1 is located over 3,600 feet away and 76 higher in elevation, assuming no dyke. In fact, a dyke wall is in place, bringing the acceptable distance down to 271 feet.</p>

### Statutory Checklist

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
		<p>4,397 feet to the west is another facility at 530 Palmer Street, a Cramer Oil Inc fuel plant with four fuel silos and three cylinder above-ground tanks, presents another flammable facility. The total storage volume is less, and further away from the project site. Also ASD is 176 feet for the dyked storage tanks, and 492 feet for the above-ground un-dyked tanks (totaling 4,000 gallons).</p> <p>Fire Station 1 itself contains fueled emergency response vehicles within its operating bays. Mitigation systems including fire suppression and exhaust ventilation systems. (1,600 feet distance acceptable.)</p> <p>For BOTH sites, tanks are maned, at ambient pressure, and ambient air temperature, and support diesel and gasoline. Dikes are situated around each facility, but not included in calculations.</p> <p>Exhibit 12 shares measurements.</p>
<p style="text-align: center;"><b>Site Contamination</b></p> <p>Resources:  <a href="#">HUD Site Contamination</a>  <a href="#">US EPA NEPAAssist</a>  <a href="#">US EPA Envirofacts</a>  <a href="#">Ohio EPA Asbestos Program</a>  <a href="#">Ohio EPA Notification of Demolition and Renovation</a>  <a href="#">Ohio Tank Tracking &amp; Environmental Regulations</a>  <a href="#">HUD Choosing an Environmentally Safe Site</a></p>	<b>YES</b>	<p>Site contamination near Nearest EPA-reporting facility, a funeral home, is a quarter-mile from the site. A review of the OTTER system found no releases or tanks within a quarter mile of the site. An NEPA Assist map is shared in Exhibit 13.</p> <p>Because asbestos and lead-based paint were prominent construction items in 1960-1962, when Fire Station 1 was originally constructed, the project will require compliance with Ohio EPA Notification and Demolition and Renovation procedures, which requires a filing prior to commencing work, and is standard for all types of work in this category. The renovation ensures the repair of or replacement of finishes to ensure protection of the facility from any contamination.</p>
<p style="text-align: center;"><b>Environmental Justice</b></p> <p>Resources:  <a href="#">HUD Environmental Justice</a>  <a href="#">US EPA Environmental Justice</a>  <a href="#">US EPA EJSCREEN</a></p>	<b>NO</b>	<p>No adverse environmental impacts and no disproportionate impacts to low and moderate income and/or minority communities. The proposed project is necessary to ensure low and moderate income and/or minority communities retain a quality level of service for emergency medical and fire services, as Fire Station 1 covers the greatest concentration of low-to-moderate income households in Wayne County, Ohio. Exhibit 14 shares general demographics, and also maps provided of the service area's income statistics.</p>

**Environmental Assessment Checklist Instructions:**

Evaluate the significance of the effects of the proposed activity on the character, features, and resources of the project area. Provide a narrative explanation and list of supporting documentation. **The narrative must explain decision-making and compliance procedures.** Attach all supporting documentation to this worksheet. For technical assistance, see HUD's [Environmental Assessment Factors Guidance](#).

**Environmental Assessment Checklist**

Land Development		
Impact Category	Impact Code	Explanation and List of Source Documentation
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	<b>Potentially Beneficial</b>	The fire station one renovation and expansion project is potentially beneficial to long-term planning, and current zoning because the investment will also bring about improvements to the facade and add elements that complement the surrounding neighborhood. Fire station one is located in a C1 office/institutional zoned area, also designated as the North market Street historic district. It's important to note that while the building is not a contributing structure, several surrounding buildings do contribute to the historic nature of the neighborhood. Treatments including the installation of a tower, red toned brick, and white trimmed garage doors will offer great enhancement to what is currently in institutional box style structure.
Soil Suitability / Slope / Erosion / Drainage / Storm Water Runoff	<b>No Impact Anticipated</b>	No impacts are anticipated with regard to soil suitability slope erosion drainage or storm runoff. The site is already served with storm drain utilities. As described earlier, storm drains will be improved to ensure no impact.
Hazards and Nuisances Including Site Safety and Noise	<b>Potentially Beneficial</b>	This project is potentially beneficial with regard to hazards and nuisances including site safety and noise. The new modern building materials will provide for a more comfortable environment for workers and any members of the visiting public. With existing space is constrained, lack of storage to provide for a functional work environment, insufficient space for vehicles and equipment, and dated life support areas without modern amenities or basic improvements for privacy, are all elements that will be ameliorated with this investment.



### Environmental Assessment Checklist

Land Development		
Impact Category	Impact Code	Explanation and List of Source Documentation
Energy Consumption	Potentially Beneficial	Energy consumption is a potentially beneficial outcome of this project, with modern HVAC and electric systems, insulating windows, new building materials in general which include noise and weatherization insulation, and lighting installed, the overall energy demand for the facility is expected to decrease withstanding the expansion of the facilities footprint and increase of staff.

Socioeconomic		
Impact Category	Impact Code	Explanation and List of Source Documentation
Employment and Income Patterns	Potentially Beneficial	Employment and income patterns are listed as potentially beneficial because maintaining proper fire protection and emergency response service is critical to supporting employers and places of congregation. Without this project, downtown Wooster retailers, restaurants, offices, and manufacturers, would be at risk of experiencing delays in response for services over time as demand grows in the station is forced to operate beyond its capacity. Such would have a detrimental effect for the fire stations Primary Service Area, which happens to host the Wayne County's largest collection of historic properties.
Demographic Character Changes, Displacement	Potentially Beneficial	The Primary Service Area Fire Station 1 includes most of Ward 1 of the city of Western portions of Ward 2. Both words continue to see an increase in population. Well this location struggles with hosting the highest low to moderate income populations for Wayne County. Attracting new investments and renovation is essential to improving the quality of life, and ensuring opportunities for economic prosperity, including job creation. Such investment is only possible with appropriate fire protection and emergency response services, which this project will ensure.

Community Facilities and Services		
Impact Category	Impact Code	Explanation and List of Source Documentation
Educational and Cultural Facilities	Potentially Beneficial	This project potentially benefits educational and cultural facilities, with the college of Wooster, Ohio State university's Wooster campus, and cornerstone elementary School and additionally to private elementary schools being covered in fire station one's Primary Service Area. Cultural facilities, including Wayne center for the arts, Wayne

### Environmental Assessment Checklist

Community Facilities and Services		
Impact Category	Impact Code	Explanation and List of Source Documentation
		County courthouse, Wayne County historical society campus, and numerous Civic in social service organizations, are also reliance on Fire Station 1 for fire protection and emergency response services.
Commercial Facilities	<b>Potentially Beneficial</b>	Downtown Wooster features Wayne County's most concentrated collection of commercial facilities, constituting the county's second largest primary market area, the first is the north end with large box retailers. Professional office, legal, social services, and first floor retail establishments in in downtown Wooster, as well as along North market street, support a major portion of the local economy. Additionally served is Wooster's West-End Industrial District, estimated as the County's third-largest industrial area. Entities such as the Wooster Brush company, the Wayne County government, City of Wooster government, College of Wooster, and several other major employers operate under Fire Station 1's protection and services (including Akron Brass, Bhuelers, USA Metals, Seaman Corporation, RBB Systems, and Speed North America).
Health Care and Social Services	<b>Potentially Beneficial</b>	Fire Station 1 will provide a strong benefit for healthcare and social services. So it has the highest level of calls for service, Fire Station 1 operates with the most constrained environment and least resources of any fire station within the city of Wooster. Calls for emergency services are particularly high, with staff reporting the residents in this area, you are disproportionately lower income than the rest of the county, utilize emergency response services as their primary means of health Care. I e, in lieu of having a regular doctor, patience tend to not treat ailments, allowing problems and health conditions to worsen to a point of requiring emergency services in the absence of being able to access urgent care or emergency rooms on their own. With additional capabilities, fire station one will be able to ensure ongoing access for all residents. Most importantly, local EMS services continue to be among the first line healthcare services for some low-income households.
Solid Waste Disposal / Recycling	<b>No Impact Anticipated</b>	No impact is anticipated with regard to waste disposal or recycling, as operations and staffing will be increasing incrementally with the proper services in place.
Waste Water / Sanitary Sewers	<b>No Impact Anticipated</b>	No impact is anticipated with regard to sanitary sewer, as a site is presently already served with a municipal utilities. All wastewater undergoes treatment before release. More information is available at <a href="http://www.woosteroh.com/water">www.woosteroh.com/water</a> .

### Environmental Assessment Checklist

Community Facilities and Services		
Impact Category	Impact Code	Explanation and List of Source Documentation
Water Supply	No Impact Anticipated	No impact is anticipated the water supply, as a site is presently already served with a municipal water system. More information, including quality reports, is available at <a href="http://www.woosteroh.com/water">www.woosteroh.com/water</a> .
Public Safety – Police, Fire and Emergency Medical	Potentially Beneficial	This project will be beneficial for fire and emergency medical response. As explained previously, the renovation will improve issues of constrained working space, exposure to cancer causing agents, access for the public and employees, basic privacy and comfort of public workers, and lack of storage space and insufficient and energy and efficient mechanical systems. These improvements are needed now, and will become ever more pressing as population and calls for service continue to grow throughout Wooster, but in particular, the Primary Service Area of Fire Station 1.
Parks, Open Space and Recreation	No Impact Anticipated	No impact is anticipated to parks open space and recreation, with exception to the fact that Fire Station 1 provides coverage for several parks, the Wayne County Community center, and several private and nonprofit recreational centers and gyms.
Transportation and Accessibility	Potentially Beneficial	Transportation and accessibility is benefited with this project, as a more efficient station and sufficient operation space insures as fast of an emergency response is possible. Both services are critical to maintaining the City's transportation system. On site, accessibility will also be improved, with safe public access to office areas being established, which does not exist presently, and vehicle circulation being established around the building, allowing for more efficient use of equipment.

Natural Features		
Impact Category	Impact Code	Explanation and List of Source Documentation
Unique Natural Features, Water Resources	No Impact Anticipated	Unique natural features and water resources are not impacted by this project. All work is being performed on an existing developed site.
Vegetation and Wildlife	No Impact Anticipated	No impact of vegetation or wildlife is anticipated as all work is being performed on a developed site. As noted, any disturbance to ornamental trees, though none planned at this time, would take place within the time frames permitted by the Ohio department of natural resources.

### Environmental Assessment Checklist

Natural Features		
Impact Category	Impact Code	Explanation and List of Source Documentation
Other Factors	Potentially Beneficial	It should be noted that as an alternative, an additional fourth fire station could be established elsewhere within the existing Primary Service Area. A new facility would require a similarly sized footprint, resulting in a much larger footprint for the service overall. Well an alternative location does not exist at this time, it can be expected that a fourth facility would also have a higher energy demand compared with maintaining fire station one with an expanded footprint.



## 24 CFR Section 58.6 Requirements

### Airport Runway Clear Zones and Clear Zones Notification

[24 C.F.R. Part 51.303(a)(3)]

Does the project involve the sale or acquisition of property located within a Civil Airport Runway Clear Zone or a Military Airfield Clear Zone?

☒ No. **Attach Source Document:** *See Exhibit 11*  
(Project complies with 24 CFR 51.303(a)(3).)

☐ Yes. **Notice must be provided to buyer.** The notice must advise the buyer that the property is in a Runway Clear Zone or Clear Zone, what the implications of such a location are, and that there is a possibility that the property may, at a later date, be acquired by the airport operator. The buyer must sign a statement acknowledging receipt of this information. (for a sample notice, see the [HUD Exchange](#)) **(attach a copy of the signed notice)**

### Coastal Barrier Resources Act

[Coastal Barrier Improvement Act of 1990 (16 U.S.C. 3501)]

Is the project located in a [coastal barrier resource area](#)?

☒ No. **Cite or attach Source Document.** *See Exhibit 4*  
(Proceed with project.)

☐ Yes. Federal assistance may not be used in such an area.

### Flood Disaster Protection Act\*

[Flood Disaster Protection Act of 1973, as amended (42 U.S.C. 4001-4128)]

Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard Area?

☒ No. **Attach copy of [Flood Insurance Rate Map \(FIRM\)](#)** *See Exhibit 2*

☐ Yes. **Attach copy of [Flood Insurance Rate Map \(FIRM\)](#)**

Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

☐ Yes. Flood Insurance under the National Flood Insurance Program must be obtained. If HUD assistance is provided as a grant, insurance must be maintained for the economic life of the project and in the amount of the total project cost (or up to the maximum allowable coverage, whichever is less). If HUD assistance is provided as a loan, insurance must be maintained for the term of the loan and in the amount of the loan (or up to the maximum allowable coverage, whichever is less).  
**(Attach a copy of the flood insurance policy declaration)**

☐ No. **Federal assistance may not be used in the Special Flood Hazard Area.**

*\*Per 24 CFR 58.6(a)(3), this requirement does not apply to State-administered CDBG, HOME, and ESG programs.*



## Statement of Process and Status of Environmental Analysis

**Instructions:**

Provide a brief description of the administrative procedures associated with the construction and presentation of the environmental review record (ERR). List the Responsible Entity, Certifying Officer, the physical location of the ERR, the dates and comment periods associated with any public notices, and contact information for the submission of comments regarding the ERR.

City of Wooster staff started work in data collection for this environmental review at the time of the CDBG critical infrastructure and allocation Grant application, beginning in May of 2022. This included gathering of general information on demographics, photographs, and documentation of general site conditions. Well general conditions of the project were known for quite some time, cost overruns required the city to secure additional funds and to reevaluate and redesign the project to ensure the ability to move forward. In January of 2023, architecture drawings were completed in an application for the city's design review board and a final development plan application to the planning commission was submitted. This is to be considered in February of 2023. Not having the final details, resulted in a delay in being able to complete this environmental review record. With all information obtain, the city was able to coordinate with the Ohio historic preservation office. Upon review and a concurrent letter, the city is able to publish its finding of no significant impact. Placing the project out to bid, would not be anticipated until April of 2023, with construction to begin this year through 2024. The operations of Fire Station 1 will have to temporarily relocate for a period of time in 2023 and potentially 2024 as certain aspects of the renovation are carried out, in particular, the renovation and expansion of the existing apparatus space.

## Description of the Site and Environmental Context

**Instructions:**

Determine existing conditions and describe the character, features, and resources of the project area and its surroundings. Identify the trends that are likely to continue in the absence of the project.

As detailed earlier the renovation and expansion of Fire Station 1 is critical to ensuring that current and future residents and businesses within southwestern receive proper fire protection and emergency response services. The existing station, now being 62 years in age, lacks proper spacing to conduct operations, properly store equipment, and sufficiently provide life support (including the lack of privacy for restrooms and dormitories). The expansion and renovation will bring the station to compliance with modern building codes and national fire protection association standards. In doing so, Fire Station 1 will be able to meet existing and future demand without current constraints the pose a risk to its response time and ability to operate.

The APE, or *Area of Potential Effects* is Wayne County Parcel 64-02360.000, measuring 1.1970 acres, and also known as 510 N. Market Street, Wooster, Ohio 44691. The APE may also be described as extending to the centerline of N. Market Street itself (extending 38.6 feet from the east parcel boundary) and to the centerline of the public alley to the immediate north (extending 8 feet from the north parcel boundary), adding 0.21 and 0.06 acres of land respectively. The area has been developed and operating as a fire station facility for 62 years. Originally, the facility served all Wooster points. As the City has grown northward and eastward, an additional station was added at North Highland Ave., relegating Fire Station 1's primary service area to the southern half of the City. Over time, the North Highland Avenue station was replaced with "Fire Station #2" at the City's "North End" (3333 Burbank Rd, Wooster, Ohio) and "Fire Station #3" on the City's east end, (2255 Gateway Dr., Wooster, Ohio 44691). In this area, the slope averages 2.6% with an elevation of 946 at the northeast corner of the property and, 260 feet later, an elevation of 936 at the southwest.

Located within the North Market Street locally-designated historic district, the project will add elements to make a non-contributing building more complimentary to the surroundings. This includes façade improvements and landscaping elements (which are **not** being funded with CDBG, but rather will occur concurrently with the project.) As such, this project ensures continued investment within a low-to-moderate income neighborhood.

## Analysis of Alternatives

**Instructions:**

Examine alternatives to the project, including the alternative of no action.

An alternative to this project is construction of a new fire station elsewhere within the Primary Service Area. The proper placement of the fire station is within a location on its Network in which it can most quickly reach all facilities and locales within its service area. In general, the best location for a new fire station would be fire station one's current site. Absent of the expansion project however, another location would need to be acquired, the Primary Service Area being divided among the new station, Fire Station 1, and fire station 3, which is the next nearest fire station located on Akron road. A new facility would have its own footprint, its own demand for utilities and energy, and costs of construction. An additional expansion at the Akron road fire station 3 would be required most likely. Arguably, this alternative would have a much greater environmental impact as opposed to expanding on the existing developed site, dependent of course, on the alternative location and whether or not an existing facility there could be renovated to perhaps lessen this impact. There would still be significant impacts to general operations, with expenditure of greater public resources which are born by the public and energy use with four operating stations. A variation of this alternative may be the closure of Fire Station 1 with three Primary Service Areas maintained, though this would require realignments and again, a brand new facility, would demand greater resources and impacts as opposed to a rehabilitation with modest expansion.

But no alternative prospect would place the city of Wooster in the position of being unable to provide basic public services within Primary Service Area 1.



## Analysis of Impacts and Mitigation Actions

### Instructions:

Summarize and evaluate all potential environmental impacts, whether beneficial or adverse, and the conditions that would change as a result of the project. Describe measures to eliminate, minimize, or mitigate adverse environmental impacts.

The Fire Station 1 project is potentially beneficial to "*land development*" characteristics in general. The project takes a structure that is non-contributing in its appearance and historic nature compared to the environs of the North Market Streets Historic District, and adds elements to dramatically enhance the site's appearance to harmonize the facility's outward appearance. The use, while expanded, is a natural fit for the *land use* and *zoning* of the area. The project also supports the community's general *planning*, in that it provides and ensures necessary services required to support an expanding downtown in vibrant economic development base. Being situated on an already-developed site, no impacts are anticipated to elements such as *soil suitability* or *slope*. Additionally, community service facility aspects such as *water supply* and *wastewater supply*, along with *solid waste disposal recycling*, are not impacted, as City utilities and services are already established at the property. Similarly, *natural features* are not impacted, as the project is located away from *unique features and water resources*, and does not support *wildlife habitats*. (As noted, the only exception to this would be trees. Though no disturbance is anticipated, should disturbance be required to existing ornamental and other trees on the property, any such disturbance shall comply with Ohio department of natural resource standards, so is not to disturb any bat habitats, which is standard operating procedures for the city and applicable to any tree within the State of Ohio).

Fire Station 1's benefits include potential reduction in energy consumption while also remediating hazards and nuisances, including noise, and safety. The renovation itself will require coordination with the *Ohio EPA*, as all renovations have any significant size do in within 10 days of work commencing, and the work performed will ensure protection for workers in the public visiting the facility in the future.

As it provides critical services to a much larger area, Fire Station 1 has strong benefits to supporting *employment and income patterns*, avoiding the *displacement* or *changes in demographic character*, *educational and cultural facilities*, *commercial facilities*, *healthcare and social services*, and of course, *public safety services*. This is because Fire Station 1's primary service area covers the majority of South Wooster, featuring the community's first developed neighborhoods, a vibrant and historic downtown, and the county's third largest industrial district. Given the wide age range and diversity of structures, ranging from modern office buildings to historic manufacturing structures managing a variety of chemical and heat applications, South Wooster is arguably the most complex, dense, and diverse building environment from a fire-protection and management perspective within the County. At the same time, this location has experienced a positive increase in population, and along with that, an increase in demand for services. South Wooster households are also, as a majority, low-to-moderate income (LMI). LMI households *disproportionately* utilize emergency medical services. This occurs in part due to lack of resources and access to primary medical Care. As residents avoid treatment, ailments may not resolve on their own, and in fact worsen and create further complications necessitating the need for emergency medical support.

Without the expansion in renovation, the facility would continue to operate beyond its capacity. National Fire Protection Association standards and Building Standards, along with general capacity standards by definition, are in place as a means to avoid risks in providing services. So long as Fire Station 1 continues to operate beyond its capacity, there is unnecessary risk placed on the residents and businesses residing within South Wooster in that the level and speed of service could be inadvertently lowered or delayed. For instance, constrained operating environments may lead to more time spent on navigating constraints or finding equipment during an emergency. These constraints also dampen work productivity and impact day-to-day operations including maintaining equipment, performing plan reviews, and conducting procedures and reports. If conditions continue to deteriorate, as is projected with increased demand and population, risk of delay in lowered service will also increase, which could have detrimental impacts to life and property. Such risks, invariably impact the desirability for residents and businesses to continue locating and expanding in this area.

### Monitoring and Enforcement Procedures

**Instructions:**

Describe any post-review monitoring or enforcement procedures associated with environmental mitigation actions.

No post project monitoring or enforcement procedures are anticipated with the renovation and expansion of Fire Station 1.

### List of Sources, Agencies, and Persons Consulted

Ohio Department of Natural Resources – As listed in exhibits
Ohio History Connection – Section 106 Review
Tim Monea, Chief Building Inspector – City of Wooster (Noise Attenuation)
Cecilia Castillo, Environmental Specialist – Department of Development (EA, FONSI Process)
Vince Marion, Planning and Zoning Manager – City of Wooster (Zoning, Historic District, Land Use)
Barry Saley, Fire Chief – City of Wooster (Building Plans, Purpose, Photographs, Demographic)
Nathan Murphy, Assistant Fire Chief – City of Wooster (Explosive Sites)
Wayne County Auditor's Office - GIS, Property Records
Ohio Department of Commerce, Ohio Tank Tracking and Environmental Regulation (OTTER)
US Fish and Wildlife Service, (1) National Wetlands Inventory, (2) Endangered Species List
City of Wooster Comprehensive Plan (2014) and the City of Wooster Downtown Plan (2015)
U.S. Department of Agriculture Natural Resource Conservation Service
Ohio Coastal Atlas, Ohio Department of Natural Resources
City of Wooster - GIS Maps (Utilities, land characteristics)
City of Wooster Historic District Report
Ohio Department of Transportation - Transportation Data Management System
Federal Aviation Authority Detroit VFR Sectional
Wayne County Public Library - Sanborn Fire Insurance Maps for Downtown Wooster
HUD Acceptable Separation Distance Assessment Tool
Ohio EPA, (1) Sole Source Aquifers, (2) Air Quality State Attainment Maps

## List of Site Visits and Important Meetings

[illegible]



### Participants in the Review

Name	Title	Organization
Jonathan Millea	Development Coordinator	City of Wooster
<i>Supporting Participants (thank you!):</i>		
Nathan Murphy	Assistant Fire Chief	City of Wooster
Barry Saley	Fire Chief	City of Wooster
JoLayne Morneau	Architecture Development Reviews Manager	State Historic Preservation Office
Cecilia Castilo	Environmental Compliance Specialist	Ohio Development Services Agency
Tim Monea	Chief Building Official	City of Wooster
Vince Marion	Planning & Zoning Manager	City of Wooster

## **Exhibit 1: Historic Preservation**

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*Coordination Agreement between the City of Wooster and the Ohio Historic Preservation Office, 106  
Review Request for Concurrence Letter.*

### ***Attachments:***

- *Concurrence Letter*
- *106 Review Form*



**In reply refer to  
2023-WAY-56918**

February 13, 2023

Jonathan Millea  
City of Wooster  
538 North Market Street  
Wooster, OH 44691  
Email: [jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)

**RE: Section 106 Review  
Wooster Fire Station Rehabilitation & Expansion  
Grant Number: A-X-22EQ-1 and A-F-22-2EQ-1  
Location: Wooster Fire Station, 510 North Market Street, Wooster, Wayne County, Ohio**

Dear Mr. Millea:

This is in response to correspondence received on January 26 and February 6, 2023, regarding the proposed rehabilitation and expansion of the Wooster Fire Station located at 510 North Market Street using grant funding from the Ohio Department of Development. The comments of the Ohio State Historic Preservation Office (SHPO) are made pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended, and the associated regulations at 36 CFR Part 800.

The proposed work includes the following:

- South Addition: An 1,160 square foot addition providing a new sheltered vehicle bay with drive-thru access including a garage door in the front and in the back;
- North Addition: This first floor addition proposes to add 2,601 square feet of office space overtop an existing row of parking along the north side of the building;
- West Addition: This 1,067 square foot addition would be a physical training area supporting life support functions;
- Parking/Paved Additions: Forty-four (44) new parking spaces added overtop the existing paved drive and paved storage areas.

According to information provided and our records, this building is included within the boundaries of the locally designated North Market Street Historic District. It has been determined in our office that the locally designated historic district is potentially eligible for listing in the National Register of Historic Places and would therefore need to meet the Secretary of Interior Standards for Rehabilitation (Standards) in order to avoid adverse effects. After further review, it is my opinion that the proposed work, if completed as proposed, will meet the Standards, thereby having **no adverse effect** to historic properties. No further coordination with this office is necessary unless there is a change in the project.

Jonathan Millea  
February 13, 2023  
Page 2

Please be advised that this is a Section 106 decision. This review decision may not extend to other SHPO programs. If you have questions regarding this review, please contact me by email at [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org). Thank you for your cooperation.

Sincerely,

A handwritten signature in dark ink, appearing to read "JoLayne S. Morneau", with a stylized flourish at the end.

JoLayne S. Morneau  
Architecture Development Reviews Manager  
State Historic Preservation Office

cc: Cecilia Castillo, ODOD





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## Wooster Fire Station

JoLayne Morneau <jmorneau@ohiohistory.org>  
To: Jonathan Millea <jmillea@woosteroh.com>  
Cc: Vincent Marion <vmarion@woosteroh.com>

Mon, Feb 6, 2023 at 1:50 PM

Good afternoon, Jonathan and Vince.

Thank you so much for sending along the meeting minutes. I will read through them as I continue my review and will respond accordingly.

I appreciate your time.

Best,

JoLayne

---

JoLayne S. Morneau (she/her)

Architecture Development Reviews Manager, State Historic Preservation Office

Ohio History Connection | 800 East 17<sup>th</sup> Avenue, Columbus, OH 43211

Cell: 614-570-0374 | [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)

**From:** Jonathan Millea <jmillea@woosteroh.com>  
**Sent:** Monday, February 6, 2023 1:40 PM  
**To:** JoLayne Morneau <jmorneau@ohiohistory.org>  
**Cc:** Vincent Marion <vmarion@woosteroh.com>  
**Subject:** Fwd: Wooster Fire Station

Dear Ms. Morneau,

Good Monday afternoon! Please find attached a copy of the minutes from last Thursday's meeting. As Mr. Marion shares below, we anticipate these will be adopted at our next regular Design-Review meeting. (Our Fire Station Project was the only application for this month). I hope that this can help!

If you have any questions at all or would like more details, please let us know.

Thank you!

Sincerely,

Jonathan Millea

Jonathan Millea, AICP, CEd

Development Coordinator - City of Wooster, Ohio

Project Manager - Wooster Growth Corporation

**City of Wooster**

538 N. Market Street  
Wooster, OH 44691

[JMillea@WoosterOh.com](mailto:JMillea@WoosterOh.com) | Phone: 330.263.5250

[www.woosteroh.com/development](http://www.woosteroh.com/development)

**Please Note:** As the City of Wooster is a municipal corporation of Ohio subject to the Ohio Public Records Act, email to and from this address may constitute a public record, as per Ohio Revised Code 149.43. Thank you.

----- Forwarded message -----

From: **Vince Marion** <vmarion@woosteroh.com>  
Date: Mon, Feb 6, 2023 at 1:21 PM  
Subject: Re: Wooster Fire Station  
To: Jonathan Millea <jmillea@woosteroh.com>

Jonathan,

Here are the draft minutes for the Design Review meeting. They will be adopted on March 2, 2023.

Thanks,

Vince Marion, Manager

Planning and Zoning

Wooster, Ohio

330-263-5238

----- Forwarded message -----  
From: **JoLayne Morneau** <[jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)>  
Date: Fri, Feb 3, 2023 at 4:40 PM  
Subject: RE: Wooster Fire Station  
To: Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)>

Hi Jonathan!

Thank you for your response. If Mr. Marion wouldn't mind transcribing the portion of the meeting from the recording, that would be fantastic and so helpful.

Thanks so much and have a great weekend.

Best,

JoLayne

---  
**JoLayne S. Morneau** (she/her)

Architecture Development Reviews Manager, State Historic Preservation Office

Ohio History Connection | 800 East 17<sup>th</sup> Avenue, Columbus, OH 43211

Cell: 614-570-0374 | [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)

**From:** Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)>  
**Sent:** Friday, February 3, 2023 12:54 PM  
**To:** JoLayne Morneau <[jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)>  
**Subject:** Fwd: Wooster Fire Station

Dear JoLayne,

Good afternoon and thank you for reaching out! I forwarded your email to our Planning and Zoning Manager, Mr. Vince Marion, who was at last night's Design Review and Planning Commission meetings. Below is his reply.

It will be a bit before we have minutes drafted. If you'd like, I do have a recording of meetings I could send. If you'd like, I could also go back and transcribe the comments for this piece. Please let me know if you'd need that and I'll be happy to get that together.

One side note, with the tower, the training purpose is a platform to train personnel on operating in constrained spaces and working in vertical areas. It'll be the first time we have this type of space available in our City.

Thank you!

Sincerely,

Jonathan

Jonathan Millea, AICP, CEcD

Development Coordinator - City of Wooster, Ohio

Project Manager - Wooster Growth Corporation

**City of Wooster**

538 N. Market Street  
Wooster, OH 44691

[JMillea@WoosterOh.com](mailto:JMillea@WoosterOh.com) | Phone: 330.263.5250

[www.woosteroh.com/development](http://www.woosteroh.com/development)

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----- Forwarded message -----  
From: **Vince Marion** <[vmarion@woosteroh.com](mailto:vmarion@woosteroh.com)>  
Date: Fri, Feb 3, 2023 at 12:47 PM  
Subject: Re: Wooster Fire Station  
To: Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)>

Mr. Millea,

Both the Design Review Board and the Planning Commission met last evening (February 2, 2023) to review the additions and alterations to Fire Station 1. Comments made were about how much better the facility will look. Questions were asked about the use of the tower, parking, and timing for construction. All questions were answered to the satisfaction of both bodies. The Design Review Board unanimously approved the architecture and proposed materials. The Planning Commission unanimously approved the site plan.

Respectfully,

**Vince Marion, Manager**

**Planning and Zoning**

**Wooster, Ohio**

**330-263-5238**

On Fri, Feb 3, 2023 at 12:33 PM Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)> wrote:

**Greetings Vince! Are you able to help me with this?**

Jonathan Millea, AICP, CEC

Development Coordinator - City of Wooster, Ohio

Project Manager - Wooster Growth Corporation

**City of Wooster**

538 N. Market Street  
Wooster, OH 44691

[JMillea@WoosterOh.com](mailto:JMillea@WoosterOh.com) | Phone: 330.263.5250

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----- Forwarded message -----  
From: **JoLayne Morneau** <[jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)>  
Date: Fri, Feb 3, 2023 at 11:40 AM  
Subject: Wooster Fire Station  
To: Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)>

Good morning, Jonathan!

In reviewing the proposed alterations/additions for the Wooster Fire Station, I am wondering if it would be possible to get the comments from the Design Review Board. It would be helpful to have these comments as I continue to review the project.

Hope this finds you well on a Friday.

Best,  
JoLayne

---

JoLayne S. Morneau (she/her)

**Architecture Development Reviews Manager, State Historic Preservation Office**

Ohio History Connection | 800 East 17<sup>th</sup> Avenue, Columbus, OH 43211

Cell: 614-570-0374 | [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)



## Section 106 Review

JoLayne Morneau <jmorneau@ohiohistory.org>  
To: Jonathan Millea <jmillea@woosteroh.com>  
Cc: "Cecilia Castillo@development.ohio.gov" <Cecilia.Castillo@development.ohio.gov>, Vincent Marion <vmarion@woosteroh.com>

Mon, Feb 13, 2023 at 1:35 PM

You're quite welcome, Jonathan.

Happy to help you through this process. The City of Wooster has great plans for this building, and I appreciate your time and efforts. Let me know if you need anything else.

Best,

JoLayne

JoLayne S. Morneau (she/her)

Architecture Development Reviews Manager, State Historic Preservation Office

Ohio History Connection | 800 East 17<sup>th</sup> Avenue, Columbus, OH 43211

Cell: 614-570-0374 | [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)

From: Jonathan Millea <jmillea@woosteroh.com>  
Sent: Monday, February 13, 2023 1:33 PM  
To: JoLayne Morneau <jmorneau@ohiohistory.org>  
Cc: Cecilia.Castillo@development.ohio.gov; Vincent Marion <vmarion@woosteroh.com>  
Subject: Re: Section 106 Review

Dear JoLayne,

Thank you! We really appreciate all of your time and work on this! We will proceed accordingly on our end, and of course, in the unlikely event should a change arise, we will immediately reach out. We'll update our files with your letter. Have a great week. Thank you again.

Sincerely, Jonathan

Jonathan Millea, AICP, CEcD

Development Coordinator - City of Wooster, Ohio

Project Manager - Wooster Growth Corporation

City of Wooster

538 N. Market Street  
Wooster, OH 44691

[JMillea@WoosterOh.com](mailto:JMillea@WoosterOh.com) | Phone: 330.263.5250

[www.woosteroh.com/development](http://www.woosteroh.com/development)

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On Mon, Feb 13, 2023 at 1:19 PM JoLayne Morneau <jmorneau@ohiohistory.org> wrote:

Good afternoon, Jonathan!

Attached please find the Section 106 Review for the rehabilitation project at the Wooster Fire Station. Should you have any questions, please feel free to contact me. Thanks so much.

Best Regards,

JoLayne

JoLayne S. Morneau (she/her)

Architecture Development Reviews Manager, State Historic Preservation Office

Ohio History Connection | 800 East 17<sup>th</sup> Avenue, Columbus, OH 43211

Cell: 614-570-0374 | [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)



**Note:** Due to file size limits, this submission is delivered in two parts:

1. "Wooster\_2023\_106ReviewRequest\_1of2.pdf"
2. "Wooster\_2023\_106ReviewRequest\_2of2.pdf"

**OHIO HISTORIC PRESERVATION OFFICE:  
RESOURCE PROTECTION AND REVIEW**

**Section 106 Review - Project Summary Form**

For projects requiring a license from the Federal Communications Commission, please use FCC Forms 620 or 621. **DO NOT USE THIS FORM.**

**SECTION 1: GENERAL PROJECT INFORMATION**

All contact information provided must include the name, address and phone number of the person listed. Email addresses should also be included, if available. Please refer to the Instructions or contact an OHPO reviewer (mailto:Section106@ohiohistory.org) if you need help completing this Form. Unless otherwise requested, we will contact the person submitting this Form with questions or comments about this project.

Date: **25 January 2023**

Name/Affiliation of person submitting form: **Jonathan Millea / City of Wooster**  
(Email: **Jmillea@woosteroh.com**)

Mailing Address: **538 N. Market Street, Wooster, Ohio 44691**

Phone/Fax/Email: Phone: **330.263.5250** Fax: **330.263.5247**

**A. Project Info:**

1. This Form provides information about:

New Project Submittal:  
(YES) NO

Additional information relating to previously submitted project:  
YES (NO)

OHPO/RPR Serial Number from previous submission: **N/A**

2. Project Name (if applicable): **1-Fire Station 1 Rehab & Expansion/1-Fire Protect. Fac. & Equip.**

3. Internal tracking or reference number used by Federal Agency, consultant, and/or applicant to identify this project (if applicable): **Ohio Department of Development, Office of Community Development, CDBG grant numbers A-X-22-2EQ-1 and A-F-22-2EQ-1.**

- B. Project Address or vicinity: **510 N. Market Street, Wooster, Ohio 44691 (40.80292756137111, -81.94163283086914)**
- C. City/Township: **City of Wooster**
- D. County: **Wayne County**
- E. Federal Agency and Agency Contact. *If you do not know the federal agency involved in your project, please contact the party asking you to apply for Section 106 Review, not OHPO, for this information. HUD Entitlement Communities acting under delegated environmental review authority should list their own contact information. **Not applicable.***
- F. Type of Federal Assistance. *List all known federal sources of federal funding, approvals, and permits to avoid repeated reviews. **Community Development Block Grant funds (state block grant set-aside)***
- G. State Agency and Contact Person (if applicable): **Wesley Watkins, Community Development Analyst, Office of Community Development, 77 South High Street, Address: Columbus, Ohio 43215, Phone 614.466.9336, Email Wesley.Watkins@development.ohio.gov**
- H. Type of State Assistance: **Ohio Department of Development, Office of Community Development, CDBG grant numbers A-X-22-2EQ-1 and A-F-22-2EQ-1.**
- I. Is this project being submitted at the direction of a state agency **solely** under Ohio Revised Code 149.53 or at the direction of a State Agency? *Answering yes to this question means that you are sure that no federal funding, permits or approvals will be used for any part of your project, and that you are seeking comments only under ORC 149.53.*
- YES (NO)
- J. Public Involvement- Describe how the public has been/will be informed about this project and its potential to affect historic properties. Please summarize how they will have an opportunity to provide comments about any effects to historic properties. (This step is required for all projects under 36 CFR § 800.2): ***This facility is designated a landmark structure, and any exterior change will need to be reviewed by the Design Review Board. Also, since it is adjacent to a Residential District to the west, any proposed changes to the footprint will need Planning Commission approval. Planning Commission's practice has been to allow public comment if any presents any itself. Any variance, based on final design, will require a public hearing, though none is anticipated at this time. Previously, the City held multiple public sessions on the plans for rehabilitating Station 1, beginning in 2/5/2007 with the establishment of its master plan at Wooster City Council's regular meeting, with public comment invited. The master plan required that the Fire Department first establish a***

*third station to support its expanding north end. Fire Station 1 was impacted by temporarily relocating certain administrative functions to the new facility because of constrained spaces. As the new station was established, the City was able to focus on upgrading its oldest station. 21 public meetings were held over the course of three years. The project was presented with requests for public questions and comments in numerous State of the City addresses by the Mayor to Council and numerous service clubs and aired on local television as well as posted online. In each case, audience members were provided with the latest plan for the project with several minutes of discussion provided on data, metrics, and needs. (2/21/2022 City Council; 2/15/2022 Kiwanis; 2/28/2022 Rotary; 3/8/2022 Lions [question on need for building fielded]; Also 2/19/2021 Council; 2/15/2021 Kiwanis; 2/12/2021 Rotary; 2/18/2020 Council; 2/18/2020 Kiwanis; 2/24/2020 Rotary.) Wooster City Council discussed and authorized Mull Weithman Architects Inc as the service provider to commence the design for Fire Station #1 's rehabilitation and expansion on 2/5/2021, offering opportunity for public comment (none received.) Later in the year, the Wooster Finance Committee 10/18/2021 (use of ARPA for Fire Station 1), and again on 11/15/21, and 12/6/21. Wooster City Council publically met and welcomed public comment for the budget on 10/18/21, 11/15/21, and finally adopted 12/20/21. The project was again discussed in-depth 4/19/2022 at a 2022 operations review at Wooster City Council, then again on 5/31/2022 during the City's Public Hearing for its Allocation and Critical Infrastructure Grant program, a follow-up 6/6/2022 hearing, and at its CDIS meeting where Chief Saley (Fire Department) explained that Fire Station 1 's rehabilitation was essential to providing quality service to south Wooster. He said it was the busiest area, as the populace utilized resources more. The low-to-moderate income populace in particular lacks primary physician care and more frequently utilized Fire's EMS and the hospital for primary care. Without additional public comment, Council decided to pass a resolution authorizing the application on 6/6/2022 at its regularly scheduled meeting, with time dedicated in advance for public comment. Most recently, on 6/21/2022, the City held a public open-house tour of Fire Station 1 and additionally provided a presentation before Council with public comment opportunity.*

- K. Please list other consulting parties that you have contacted/will contact about this project, such as Indian Tribes, Certified Local Governments, local officials, property owners, or preservation groups. (See 36 CFR § 800.2 for more information about involving other consulting parties). Please summarize how they will have an opportunity to provide comments: ***City of Wooster Planning Department (will evaluate project's use and compliance with land use regulations), City of Wooster Design and Review Board (will review and assess facility for conformance with design standards), City of Wooster Building Department (will review and inspect facility plans and perform onsite inspections related to the structure and mechanicals, including fire suppression, and City of Wooster Engineering Department (will review infrastructure elements such as parking, drives, and utility connections, performing plan reviews and confirmatory on-site inspections.)***

## **SECTION 2: PROJECT DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)**

Provide a description of your project, its site, and geographical information. You will also describe your project's Area of Potential Effects (APE). Please refer to the Instructions or contact an OHPO reviewer if you need help with developing the APE or completing this form. *For challenging projects, provide as much information as possible in all sections, and then check the box in Section 5.A. to ask OHPO to offer preliminary comments or make*

recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties or if there may be challenging procedural issues related to your project. Please note that providing information to complete all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

**The APE is contained within Wayne County Parcel 64-02360.000, a 1.1970-acre parcel with an address of 510 N. Market Street, Wooster, Ohio 44691. A Tax Map from the Wayne County Auditor's Office is enclosed. As described ahead, the project entails the renovation of the existing 10,148-square foot structure, with three additions totaling 4,828 square feet, and the installation of 44 new parking spaces.**

A. Does this project involve any Ground-Disturbing activity: **(YES)** NO  
(If **Yes**, you must complete all of Section 2.A. If **No**, proceed directly to Section 2. B.)

1. General description of width, length and depth of proposed ground disturbing activity: **For this section, (') and (") are used to signify feet and inches respectively. Also enclosed are detailed plans prepared by the City of Wooster's consultant, Mull & Weithman Architects, Inc.**

**SOUTH ADDITION: This addition, with 1,160 square feet, provides a new sheltered vehicle bay with drive-through access (i.e. garage door in front and in the back). The addition extends 20' from the south face of the structure and runs 58' in length. Depth is anticipated to be three to four feet to establish a foundation below the frost-line, in an area previously disturbed. This addition will add a fourth door to the front of the building, with a decorative tower offering a training platform. The space is necessary to support a larger vehicle fleet as call volumes and population continues to grow within the fire station's primary service area, which features Wayne County's greatest concentration of historic buildings, in addition to largest area of low-to-moderate income neighborhoods.**

**NORTH ADDITION: This first-floor addition adds 2,601 square feet of office space overtop an existing row of parking along the north face of the building. Extending 29'-4" from the north face of the building, the addition runs 88'-8" in length. Depth is anticipated to be three to four feet to establish a foundation below the frost-line, in an area previously disturbed. This addition will occupy an existing row of parking within the north lot. Office space provides an area for operations, coordination, plan inspection, and report functions for the fire station. Current space is constrained, lacks proper storage, and does not meet modern building standards. Additionally, excavation in this area will be required to improve the stormwater utility presently underneath the proposed North Addition. (The site's elevation runs from 944 feet from the northeast corner to 936 at the southwest. An 8 inch stormwater pipe is set four feet below the surface of the north side of the building. A City of Wooster utility map is also provided.) This may necessitate excavation as low as six feet below the surface. This runs westward for about 37 feet along the length of the building and will need to be adjusted with the new addition. The line continues westerly under the parking lot for another 167 feet, reaching an elevation of 929 feet once in the alley, about 12 feet below the surface (this section would remain undisturbed)**

**WEST ADDITION: This addition measures 1,067 square feet, extending 20' from the west face and measuring 53'-4" in length. This one-story addition supports life support functions of the fire station with a 20' by 30' physical training area, an extension of a dining area measuring 10'-8" by 23'-4" Depth**



*is anticipated to be three to four to five feet to establish a foundation below the frost-line, in an area previously disturbed.*

**PARKING/PAVED ADDITIONS:** *44 new parking spaces are added overtop existing paved drive and paved storage areas. While parking presently is available on the north, south, and west sides of the facility, a 68' by 23' area of lawn extending westward from the northwest corner of the facility keeps the north lot separate from the rest of the facility. (The north parking lot is presently shared with workers and visitors at Wooster City Hall, which is to the north of the APE.) Depth is anticipated to be three to four feet to establish a foundation, particularly curbs as may be needed, below the frost-line, in an area previously disturbed. With the new additions, and removal of the 1,564 square foot lawn area, vehicle circulation around the facility will be established. This will allow for easier and more efficient access and vehicle flow, as parking spaces in the north lot are reduced by the north addition.*

2. Narrative description of previous land use and past ground disturbances, if known:  
*Prior to construction of the Fire Station 1 facility in 1961, the site supported four single-family dwellings, as depicted on USGS aerials from 1952 (attached) and Sanborn Maps from 1911, 1923, and 1930 (also enclosed). The addresses of these dwellings along N. Market Street were numbered 491, 492, 495, and 494. Each maintained one or two accessory buildings in the rear. North Market Street was among the first developed thoroughfares through Wooster, with the City being established in 1806. By 1911, the future location of Fire Station 1 was positioned between Downtown Wooster at the intersection of Market and Liberty, and the Wooster High School Building at the intersection of Market and Bowman.*
3. Narrative description of current land use and conditions:  
*Fire Station 1, constructed in 1961, is Wooster's oldest fire station and serves Wayne County's greatest concentration of low-to-moderate income households and largest collection of historic properties. Its location is ideal in that 510 N. Market Street provides the best position to dispatch services most efficiently and quickly within its primary service area. The 62-year old facility fails to meet multiple National Fire Protection Association (NFPA) standards for modern services. Specifically, Fire Station 1 is under-sized, with an apparatus bay which has become increasingly small due to the size of modern-day fire and EMS apparatus and equipment, an administrative operations area which lacks safety and functional space, and constrained and life support areas that do not provide the needed safety (including spaces to minimize infectious disease spread) and security for staff members. The facility also lacks appropriate ventilation, utilities, and plumbing, contributing to safety risks and growth of mold. Renovations and expansion is now necessary to comply with Building Code & Fire Service Standards to remedy its poor design layout, extreme lack of space, and aging & deteriorating building infrastructure. The facility is continually staffed with a minimum of five, maximum of eight, fire-fighters operating a 3-shift, 24-hour California Swing, and will need to increase by at least 25% in the near-term to meet anticipated needs (3,500 EMS runs, 1, 100 fire runs). A successful renovation of the facility's 10,148 square feet and 4,828 square feet in additions would provide the City of Wooster a fire station that meets current building codes& standards, allowing the City to continue to provide safety services to the citizens, businesses, and visitors to the City and its mutual aid partners in Wayne County. The project will provide the needed space, functional areas, and address the failing infrastructure (mechanical, plumbing, electrical) of a public safety facility that is occupied 24hours a day / 365 days a year. New parking areas will be established over existing paved*

**drives, unlined parking, and lined parking areas, in addition to a lawn area measuring approximately 1,565 square feet.**

4. Does the landowner know of any archaeological resources found on the property?  
YES **(NO)** If yes, please describe:
- B. Submit the exact project site location on a USGS 7.5-minute topographic quadrangle map for all projects. Map sections, photocopies of map sections, and online versions of USGS maps are acceptable as long as the location is clearly marked. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:
  1. USGS Quad Map Name: **Wooster Quadrangle, Ohio-Wayne Co. 7.5-Minute Series (Map provided from Ohio History Connection Online Mapping System, with additional maps at 10,000 and 2,500 scale with USGS and satellite underlays respectively)**
  2. Township/City/Village Name: **Wooster**
- C. Provide a street-level map indicating the location of the project site; road names must be identified and legible. Your map must show the exact location of the boundaries for the project site. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map: **Provided. Please See "Wooster Fire Station APE OUTLINED IN BLUE" maps made available through the Wayne County Auditor's GIS Map Service.**
- D. Provide a verbal description of the APE, including a discussion of how the APE will include areas with the potential for direct and indirect effects from the project. Explain the steps taken to identify the project's APE, and your justification for the specific boundaries chosen: **The APE includes all of Wayne County Parcel 64-02360.000, and the public Right-of-Way extending from the property line to the centerline of N. Market Street and to the centerline of the unnamed public alley along the parcel's northern boundary. (Some incidental temporary occupancy of the right-of-way and reconstruction of drive approach is possible as part of this project, and therefore, it is appropriate to include the right of way, though any such construction would be replacing existing pavement.) Parcel 64-02360.000 is an irregular lot measuring 1.1970 acres. With exception to a small area of lawn wedged between the existing parking lots at the rear of the building, all other areas to be disturbed are currently paved. The actual renovation is occurring within the existing building footprint, with building additions being constructed over current driveway and parking lots.**
- E. Provide a detailed description of the project. This is a critical part of your submission. Your description should be prepared for a cold reader who may not be an expert in this type of project. The information provided must help support your analysis of effects to historic properties, not other types of project impacts. Do not simply include copies of environmental documents or other types of specialized project reports. If there are multiple project alternatives, you should include information about all alternatives that are still under active consideration: **In summary, the project is to renovate an existing 62-year-old, 10,148-square foot, 3-bay fire station with three additions totaling 4,828 square feet to add a fourth vehicle bay, additional office space, and life support areas. These improvements are essential to ensure that Fire Station 1 can continue providing appropriate fire protection and emergency services to its Primary Service Area. (Service area boundaries, or "Primary Service Area", is the defined area where the station's equipment and response is firstly committed, and is generally determined which areas of the City are quickest served by a particular station. Fire Station 1's location at 510 N. Market Street is excellent to serving south Wooster, which serves and protects Wayne County's greatest concentration of LMI households and also its**

**largest collection of historic properties. Anticipated future EMS runs are 3,500 for this area with another 1, 100 anticipated fire runs, which will necessitate expanding Fire Station 1 's staffing by two additional staffers (though today there's no room for this) The PSA is the defined area where the station's equipment and response is firstly committed, and is generally determined which areas of the City are quickest served by a particular station.**

**The scope for the \$5,373,088 project is focused on improving three core functions:**

- 1. Apparatus Bays and support areas. In general, apparatus bay support areas need to be relocated in their own appropriate spaces, off the apparatus bay floor. Physical separation must be established along with mechanical systems that will promote a healthy and safe environment for fire-fighters. This includes minimizing the opportunity for cross contamination between the Dirty Zones and Clean Zones.**
- 2. Living Quarters. This function requires additional spacing in order to meet modern codes, NFPA requirements, and also to minimize the spread of infection. The project will provide appropriate sleeping quarters with 10 individual dorm rooms and an appropriate number of gender neutral, single occupancy toilet / shower rooms provided. Additional life support functions such as the fitness training room will be relocated so its current space will be more functionally repurposed, while day room and kitchen facilities will be upgraded to meet modern codes.**
- 3. Administrative areas require improvement, which includes five offices and a conference room for 15 to handle station-level operations. (Large conferences and training classroom will continue to be held at the Wooster Safety Center.)**

**These improvements will dramatically improve the functionality and livability of Fire Station #1. This will eliminate the risk of error or delay to operations in serving the public that is otherwise present in a physically constrained facility environment, and eliminate risk of injury and harm to staff and also to those members of the public visiting the facility. Based on these, the following 6 priorities were determined, which are reflected on the building plan schematics attached as "Other Documents"**

**1. APPARATUS BAYS- Priority #1**

- a. Remove existing 8-inch thick reinforced concrete slab in apparatus bays including trench drains ( 9 inch wide) and oil interceptor (400 - 500 gal.). Locate oil interceptor outside of building. Center trench drains in new bay spacing under apparatus.**
- b. Remove existing C.I. under-slab sanitary line. Replace with PVC DWV piping.**
- c. Remove and re-install existing MagneGrip Exhaust Source Capture system.**
- d. Provide new CO/N02 detection system.**
- e. Remove and relocate existing infrared tube heaters to correspond to new bay layout**
- f. Reconfigure new 8-inch reinforced concrete slab and trench drains as 3-bays instead of 4-bays.**
- g. Provide new electric apparatus shore lines.**
- h. Provide new LED high-bay lighting fixtures.**
- i. Provide new water and compressed air hose reels.**
- j. Provide 3 new 14'x14' overhead sectional bay doors.**
- k. Paint walls and ceiling of bays.**
- l. Provide new masonry veneer and facade improvements for entire east elevation.**
- m. Provide new Half-Bay / Training tower for command vehicle parking and training opportunities. Approximately 800 sf addition to existing south side of apparatus bays.**
- n. Relocate existing storage shed to West parking area.**
- o. Provide new parking lot space for 11 firefighter PO Vs including storm sewer adjustments and landscape buffer.**

- p. Provide code required man-doors for egress from apparatus bay space.*
- 2. SLEEPING QUARTERS - Priority #2**
  - a. Remove existing partitions, HVAC unit, plumbing fixtures, supply and waste piping on second floor.*
  - b. Reconfigure toilet and shower areas to provide three unisex toilet/shower rooms.*
  - c. Provide eight (8) bunk rooms approximately 8'-4"x11'-8" each with desk, shelves, shift lockers, corridor lockers, headboard shelf & storage. Partitions shall be fire-rated.*
  - d. Provide two (2) bunk rooms approximately 10'-0"x11'-8" each with desk, shelves, shift lockers, corridor lockers, headboard shelf & storage for shift CPT and LT. Partitions shall be fire-rated.*
  - e. Provide new LED lighting*
  - f. Provide new power circuits. Each sleeping room to have power outlets for charging, personal items, USB outlets.*
  - g. Provide station alerting speaker for each bunk room and corridor.*
  - h. Provide limited area fire suppression system for sleeping rooms from domestic water service.*
  - i. Provide house laundry room for residential washer and dryer and linen storage.*
  - Include mop sink, counter drop-in sink, and cleaning supply storage space.*
  - j. Study west elevation for new egress windows for 8 bunk rooms.*
  - k. Study north elevation for egress window I door and stairs directly to exterior from dormitory corridor.*
- 3. BUILDING SERVICES - Priority #3**
  - a. Provide new electric service meeting current code requirements. Approximate size of service - 400 to 600 amps. Verify size requirements for gear. Existing equipment room is possible location.*
  - b. Provide new diesel stand-by generator with ATS. Locate away from the Firefighter Patio area. Provide screening per zoning requirements.*
  - c. Relocate, add, replace existing HVAC units*
  - d. Scope and replace main sanitary sewer piping. Cut, trench, CDF at existing apron concrete. Repair apron required by replacement.*
  - e. Replace and relocate 2-1/2" water supply line to the north of proposed office addition. Connect to existing building service lines. Provide new tap at main. Provide new backflow prevention and water quality testing. Include demo, excavation & backfill of existing parking lot for installation of new service line.*
  - f. Replace and relocate 3" natural gas service line. Provide new meter and regulator. Locate to the north of proposed office addition. Include demo, excavation & backfill of existing parking lot for installation of new service line. Include connection to main by utility provider.*
  - g. Provide dedicated IT I Station Alerting space with adequate power, ventilation, and cooling. Provide pathways for owner installed data, cable, Wi-Fi, CCTV, video & station alerting.*
- 4. TOG STORAGE I DECON SPACES - Priority #4**
  - a. Provide new Tum-out gear storage room (18'x20.5') of 369 square feet located on the lower level in the current physical fitness room space.*
  - b. Provide space for 30 - 24"x24" gear lockers w/ shelf above for spare gear storage. Lockers furnished by Owner and installed by contractor.*
  - c. Provide dehumidification and ventilation for space.*
  - d. Provide dedicated HVAC unit to control temperature within acceptable range of PPE manufacturer. Space should be under positive pressure.*
  - e. Provide dedicated outlets for device charging.*
  - f. Provide floor drains.*
  - g. Provide LED lighting.*
  - h. Provide adjacent Gear Laundry room (10'-4"x 20.5') of 211 square feet*

- i. Provide power, water supply, drain and ventilation for residential style washer & dryer, gear extractor and gear dryer.*
  - j. Provide power for chemical detergent dispersing system.*
  - k. Epoxy paint all walls and ceilings.*
  - l. Provide drain trough for gear extractor.*
  - m. Modify existing gear alcove into Decontamination space for equipment. Existing floor drain to remain. Provide double compartment stainless steel sink w/ foot pedals and hand spray wand. Provide emergency eyewash I shower.*
  - n. Provide glove dispenser & hazmat disposal.*
  - o. Provide mop sink for apparatus bay area.*
  - p. Provide 2 new vestibules to reduce contaminate flow from bays into dayroom I dorm spaces.*
- 5. OFFICE SPACES - Priority #5 Note: Fire Station 1 also supports plan reviews and inspections for safety and other administrative functions to manage the department. In addition to requests from the general public, these functions require non-staff to routinely access the offices. Without existing public access, members of the public must access spaces by going through the undersized equipment bay with hazards typical of operating heavy vehicles.**
- a. Fire Administration Office Space Addition.*
  - b. Provide new single-story office space addition of approximately 2,400sf located on the north side of the existing station.*
  - c. Include 2-10'x12' offices for the shift officers, a small lobby space w/ display area, toilet rooms, executive assistants' office, 2 assistant chief offices, chiefs office, fire prevention office and administrative conference room.*
  - d. All fire administration spaces to be ADAAG accessible and open to the public.*
  - e. Existing office spaces to be renovated for the Watch I Reports Room, Tool Area, EMS Supply Room and Decon Toilet I Shower room.*
  - f. New administration addition to have rooftop HVAC unit for heating and cooling.*
  - g. Typical office finishes.*
- 6. PHYSICAL FITNESS-Priority#6 Note: Presently, this space is shared with IT equipment and systems and also the station's repair and maintenance area.**
- a. Provide an 600 to 800 sf single-story addition to the rear (west) of the existing station to house Physical Fitness equipment for shift workouts.*
  - b. Slab-on-grade construction.*
  - c. Provide natural light*
  - d. Provide clear ceiling height to accommodate required fitness equipment.*

### **SECTION 3: IDENTIFICATION OF HISTORIC PROPERTIES**

Describe whether there are historic properties located within your project APE. To make that determination, use information generated from your own Background Research and Field Survey. Then choose one of the following options to report your findings. Please refer to the Instructions and/or contact an OHPO reviewer if you are unsure about how to identify historic properties for your project.

*If you read the Instructions and you're still confused as to which reporting option best fits your project, or you are not sure if your project needs a survey, you may choose to skip this section, but provide as much supporting documentation as possible in all other Sections, then check the box in Section 5.A. to request preliminary comments from OHPO. After reviewing the information provided, OHPO will then offer comments as to which reporting option is best suited to document historic properties for your project. Please note that providing information to complete this Section will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.*

### **Recording the Results of Background Research and Field Survey:**

- A. **Summary of discussions and/or consultation with OHPO** about this project that demonstrates how the Agency Official and OHPO have agreed that no Field Survey was necessary for this project (typically due to extreme ground disturbance or other special circumstances). Please attach copies of emails/correspondence that document this agreement. You must explain how the project's potential to affect both archaeological and historic resources were considered.
- B. **A table that includes the minimum information** listed in the OHPO Section 106 Documentation Table (which is generally equivalent to the information found on an inventory form). This information must be printed and mailed with the Project Summary Form. To provide sufficient information to complete this Section, you must also include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated in the project APE.
- C. **OHI (Ohio Historic Inventory) or OAI (Ohio Archaeological Inventory) forms-** New or updated inventory forms may be prepared using the OHI pdf form with data population capabilities, the Internet IForm, or typed on archival quality inventory forms. To provide sufficient information to complete this Section, you must include summary observations from your field survey and background research. You must also include eligibility determinations for each property that was evaluated in the project APE
- D. **A historic or archaeological survey report** prepared by a qualified consultant that meets professional standards. The survey report should meet the Secretary of the Interior's Standards and Guidelines for Identification and OHPO Archaeological Guidelines. You may also include new inventory forms with your survey, or update previous inventory forms. To complete this section, your survey report must include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated within the APE.
- E. **Project Findings.** Based on the conclusions you reached in completing Section 3, please choose one finding for your project. There are (mark one):
  - Historic Properties Present in the APE:
  - No Historic Properties Present in the APE: **X – No historic properties present. Though Fire Station 1 is in excess of 50 years old, it is not considered to be historically contributing to the community nor the North Market Street Landmark District. Numbered building 27 in the district, it features no academic style. The proposed improvements, however, are intended to present a more inviting entrance and appearance.**

#### **SECTION 4: SUPPORTING DOCUMENTATION**

This information must be provided for all projects.

- A. Photographs must be keyed to a street-level map, and should be included as attachments to this application. Please label all forms, tables and CDs with the date of your submission and project name, as identified in Section 1. You must present enough documentation to clearly show existing conditions at your project site and convey details about the buildings, structures or sites that are described in your submission. Faxed or photocopied photographs are not acceptable. See Instructions for more info about photo submissions or 36 CFR § 800.11 for federal documentation standards.
  - 1. Provide photos of the entire project site and take photos to/from historic properties from/towards your project site to support your determination of effect in Section 5. **Please find attached.**
  - 2. Provide current photos of all buildings/structures/sites described. **Please find attached.**
- B. Project plan, specifications, site drawings and any other media presentation that conveys detailed information about your project and its potential to affect historic

properties. **The following is included:**

**1. Application to the City of Wooster Planning Commission for Development Plan (PC-23-1), which contains a site plan, floor plan, elevations, 3D views, and samples of new materials (including shingles, brick color, windows, and other exterior materials.)**

**2. A "PY 2022 Critical Infrastructure Condition Certification" provided by the City of Wooster to the Ohio Development Services Agency that further details the need for the project and the proposed scope.**

- C. Copies or summaries of any comments provided by consulting parties or the public. **The same attachments provided for 4B will apply for 4C.**

## **SECTION 5: DETERMINATION OF EFFECT**

- A. **Request Preliminary Comments.** For challenging projects, provide as much information as possible in previous sections and ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties, if the public has concerns about your project's potential to affect historic properties, or if there may be challenging procedural issues related to your project. Please be aware that providing information in all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

1. We request preliminary comments from OHPO about this project:  
YES (NO)

2. Please specify as clearly as possible the particular issues that you would like OHPO to examine for your project (for example- help with developing an APE, addressing the concerns of consulting parties, survey methodology, etc.): **We are seeking a concurrence letter.**

- B. **Determination of Effect.** If you believe that you have gathered enough information to conclude the Section 106 process, you may be ready to make a determination of effect and ask OHPO for concurrence, while considering public comments. Please select and mark one of the following determinations, then explain the basis for your decision on an attached sheet of paper:

**No historic properties will be affected** based on 36 CFR § 800.4(d) (1).

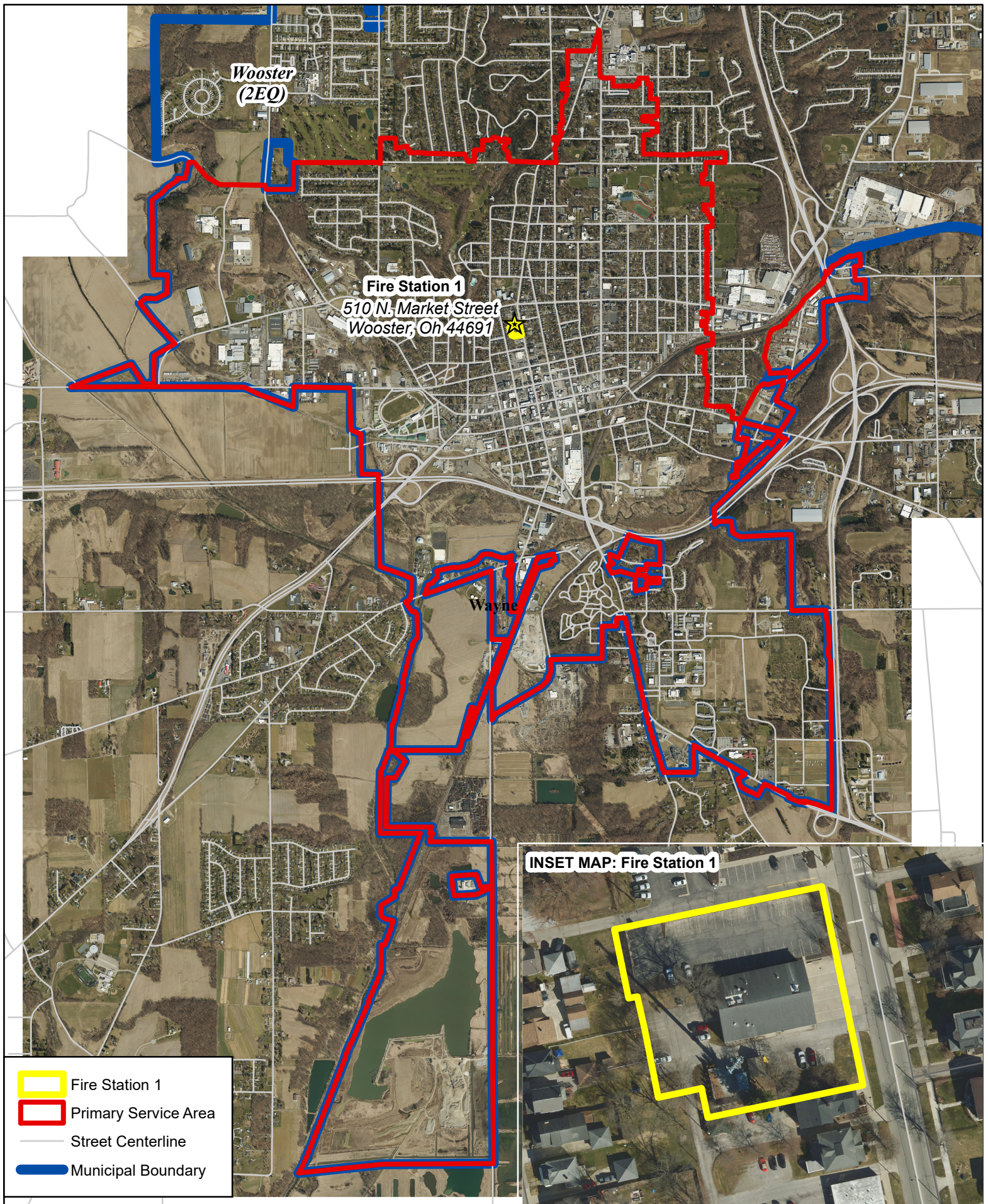
Please explain how you made this determination: ***Fire Station 1 is a non-contributing building built in 1961 and, as the community has grown along with demand for emergency services, is now failing to meet standards of the National Fire Protection Association due to obsolescence. Its placement within the later-created North Market Street Historic District provides the City with the best location to respond to fire and medical emergencies. The renovation and additions will serve to compliment the surrounding historic structures with its raised tower, brick façade, and more inviting entrance for the public.***

**No Adverse Effect** [36 CFR § 800.5(b)] on historic properties. This finding cannot be used if there are no historic properties present in your project APE. Please explain why the Criteria of Adverse Effect, [36 CFR Part 800.5(a) (1)], were found not to be applicable for your project:

**Adverse Effect** [36 CFR § 800.5(d) (2)] on historic properties. Please explain why the criteria of adverse effect, [36 CFR Part 800.5(a) (1)], were found to be applicable to your project. You may also include an explanation of how these adverse effects might be avoided, reduced or mitigated:

*Please send completed form and supporting documentation to our office through the [section106@ohiohistory.org](mailto:section106@ohiohistory.org) e-mail address. Note that file size is limited to 30 MB. The Ohio SHPO has a federally mandated review time of 30 calendar day. To check your submission was received and logged in for our review, please visit <https://www.ohiohistory.org/preserve/state-historic-preservation-office/hpreviews/section-106-project-status>.*





### PY2022 CDBG Allocation & CI Request - Wooster Fire Station 1 Primary Area & Location Map

The City of Wooster seeks OCD's support for its \$5.3MM rehab and expansion of its 61-year old Fire Station 1, serving Wooster's and Wayne County's highest concentration of LMI residents and largest collection of historic buildings. The Primary Service Area includes all of southern Wooster (52.9% LMI per 19-02, local estimate 56% LMI), including its Downtown, west employment center, and its historic neighborhoods.

N






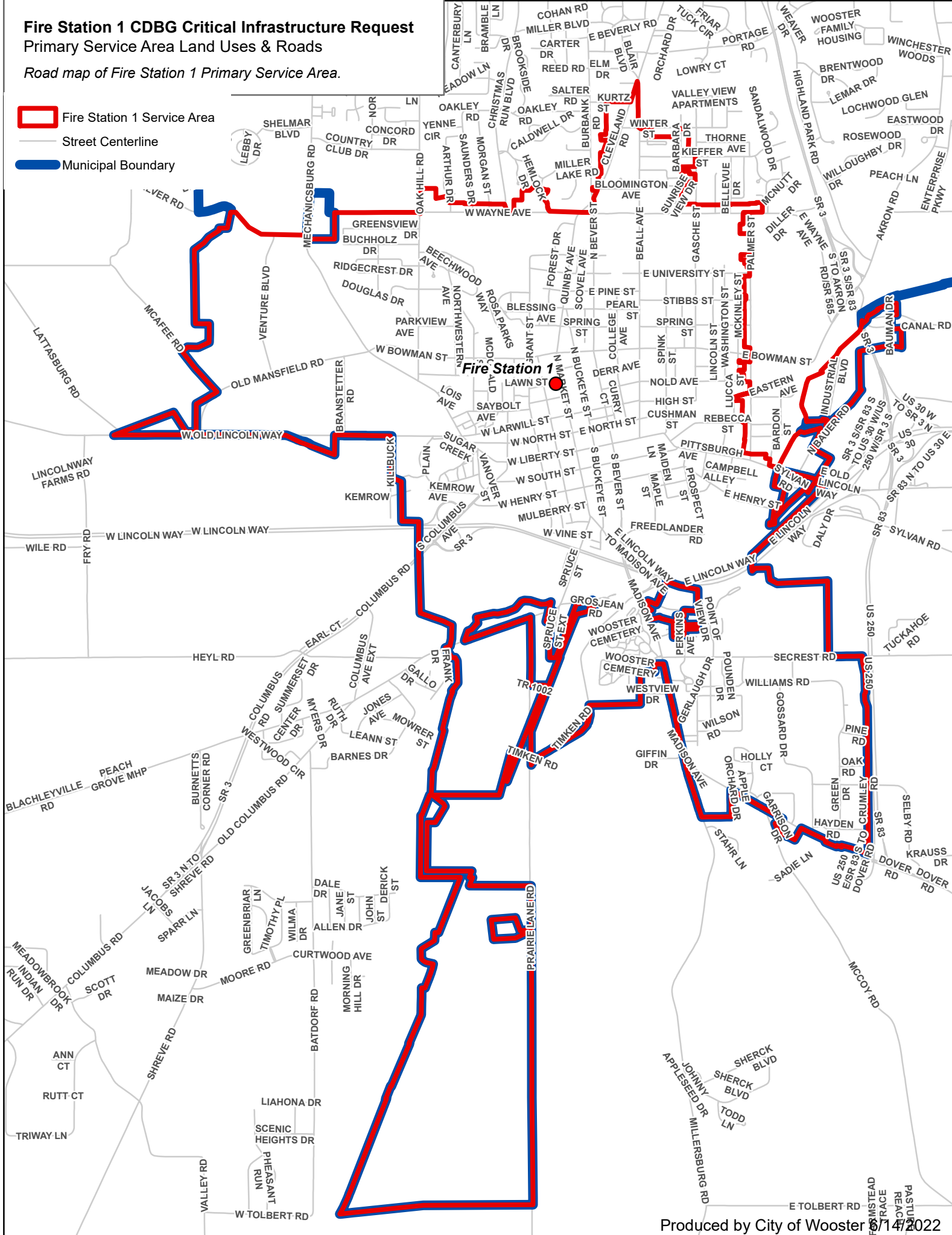


# Fire Station 1 CDBG Critical Infrastructure Request

## Primary Service Area Land Uses & Roads

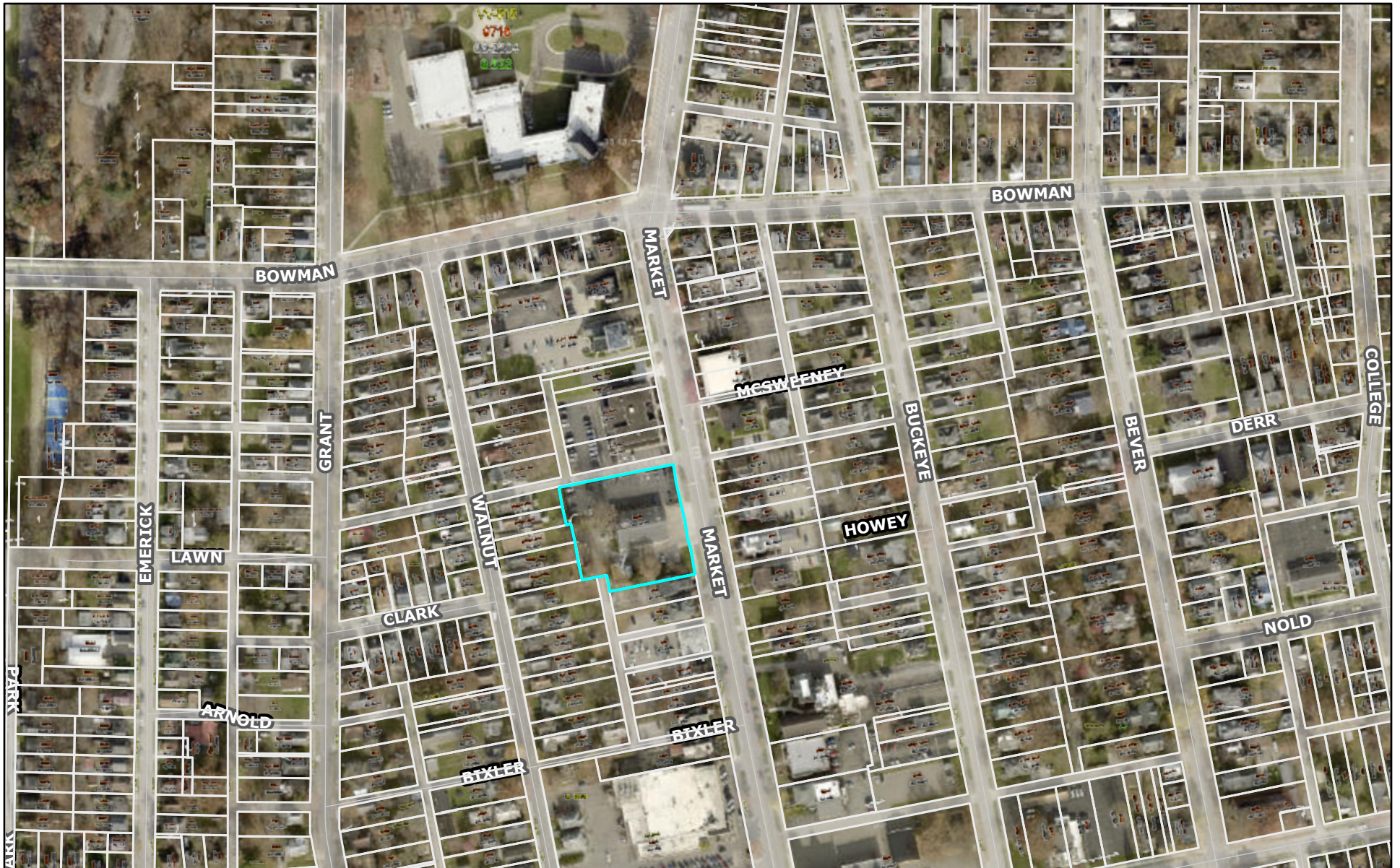
Road map of Fire Station 1 Primary Service Area.

-  Fire Station 1 Service Area
-  Street Centerline
-  Municipal Boundary



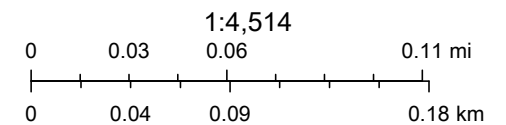


Wooster Fire Station APE OUTLINED IN BLUE  
510 N. Market Street, Wooster, Ohio



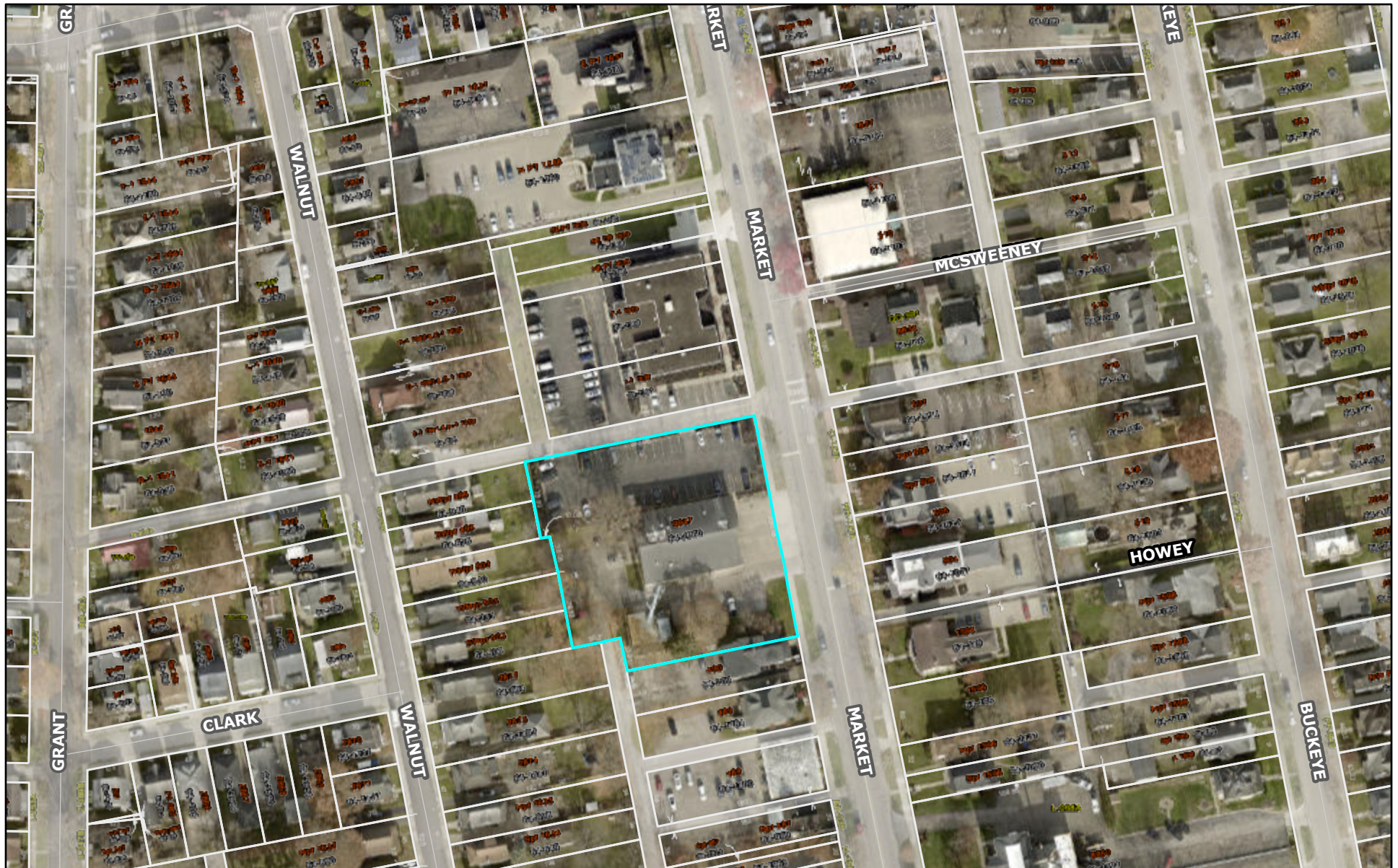
1/24/2023, 5:08:06 PM

- ☐ Enable Survey Download
- ☐ Municipal Boundary Outline
- ☐ Parcels
- ☐ Road Right of Way



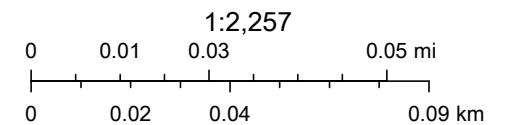


Wooster Fire Station APE OUTLINED IN BLUE  
510 N. Market Street, Wooster, Ohio



1/24/2023, 5:07:32 PM

- ☐ Enable Survey Download
- ☐ Municipal Boundary Outline
- ☐ Parcels
- ☐ Road Right of Way





## Wooster Fire Station APE OUTLINED IN BLUE

510 N. Market Street, Wooster, Ohio



1/24/2023, 5:05:08 PM

## Enable Survey Download



## Road Right of Way

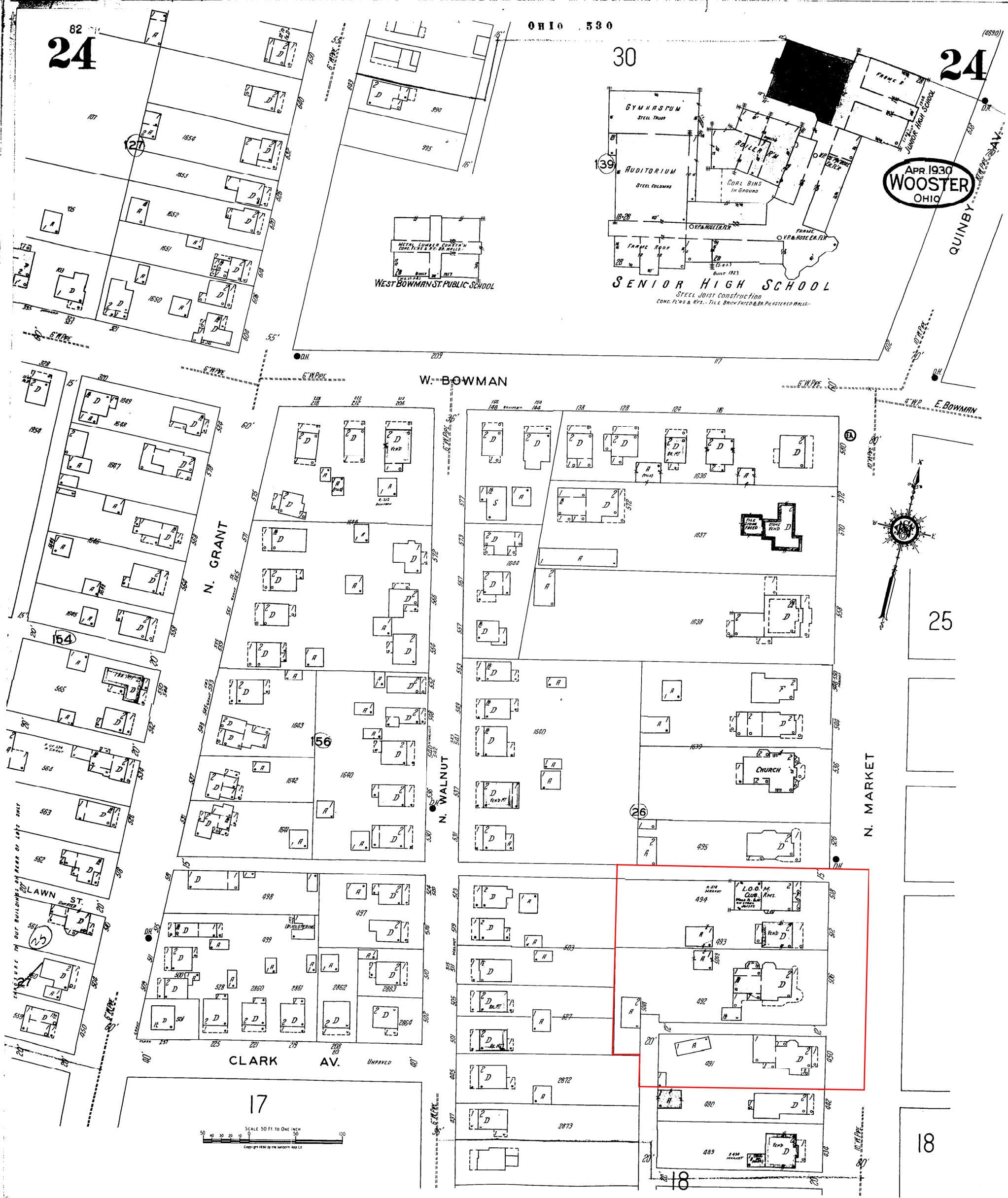
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0      0.01    0.01                      0.02 mi

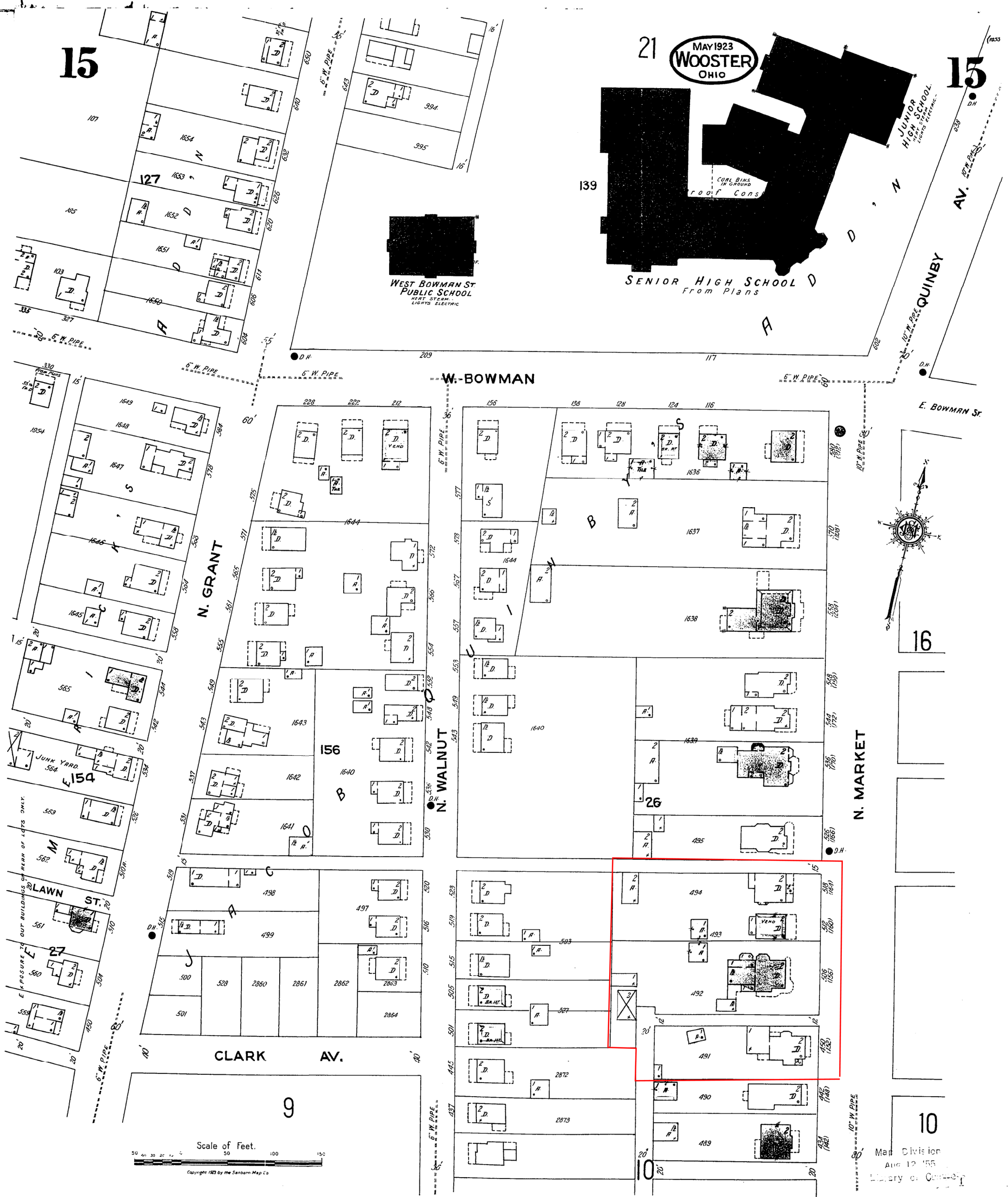
0 0.01 0.02 0.04 km



Wooster Fire Station APE OUTLINED IN RED  
1930 Sanborn Map



Wooster Fire Station APE OUTLINED IN RED  
1923 Sanborn Map





Wooster Fire Station APE OUTLINED IN RED (Partial)  
1911 Sanborn Map

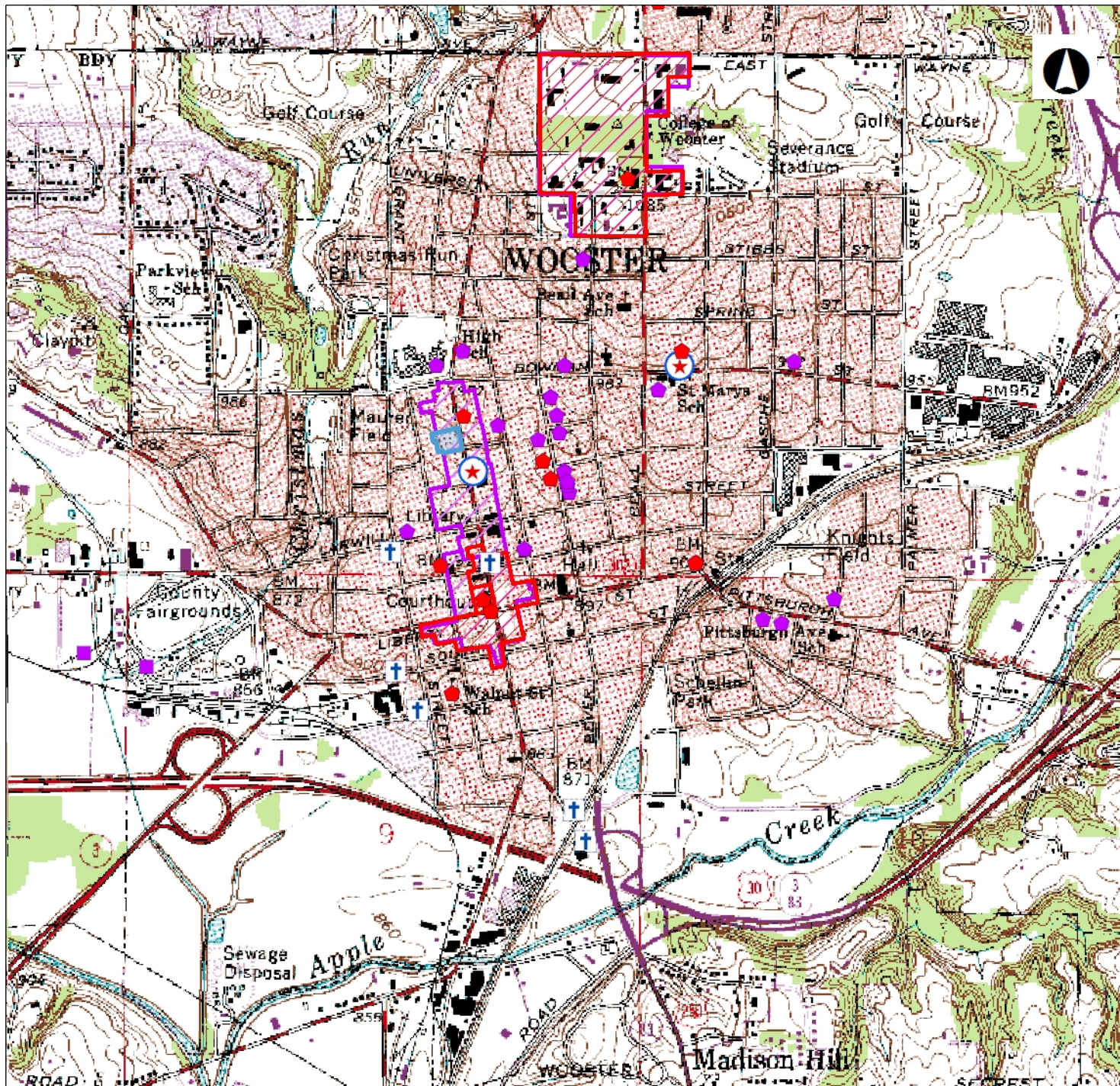




USGS Aerial image of Downtown Wooster, USGS, 1952. Fire Station 1 is area is highlighted in Yellow along Market Street. Four homes are observed, corresponding to previous Sanborn Maps.







State Historic  
Preservation Office

### Legend

#### NR Public Listings

- Listed
- ⊙ National Historic Landmark
- ✕ Delisted

- Historic Bridges
- ◆ Local Designations

#### OGS Cemeteries

- + Confident
- + Not Confident

#### Historic Markers

- ⊙ Dams

#### UTM Zone Split

- ▨ NR Boundaries Public

#### Local Districts

- ▨ Highways

#### Counties

- NPS Parks

- Wayne National Forest

0 0.30 0.61 Miles

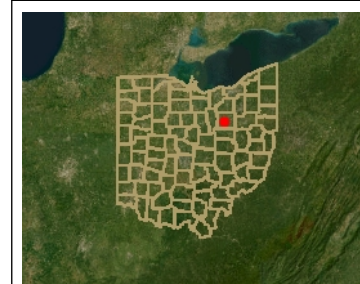
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### Copyright/Disclaimer

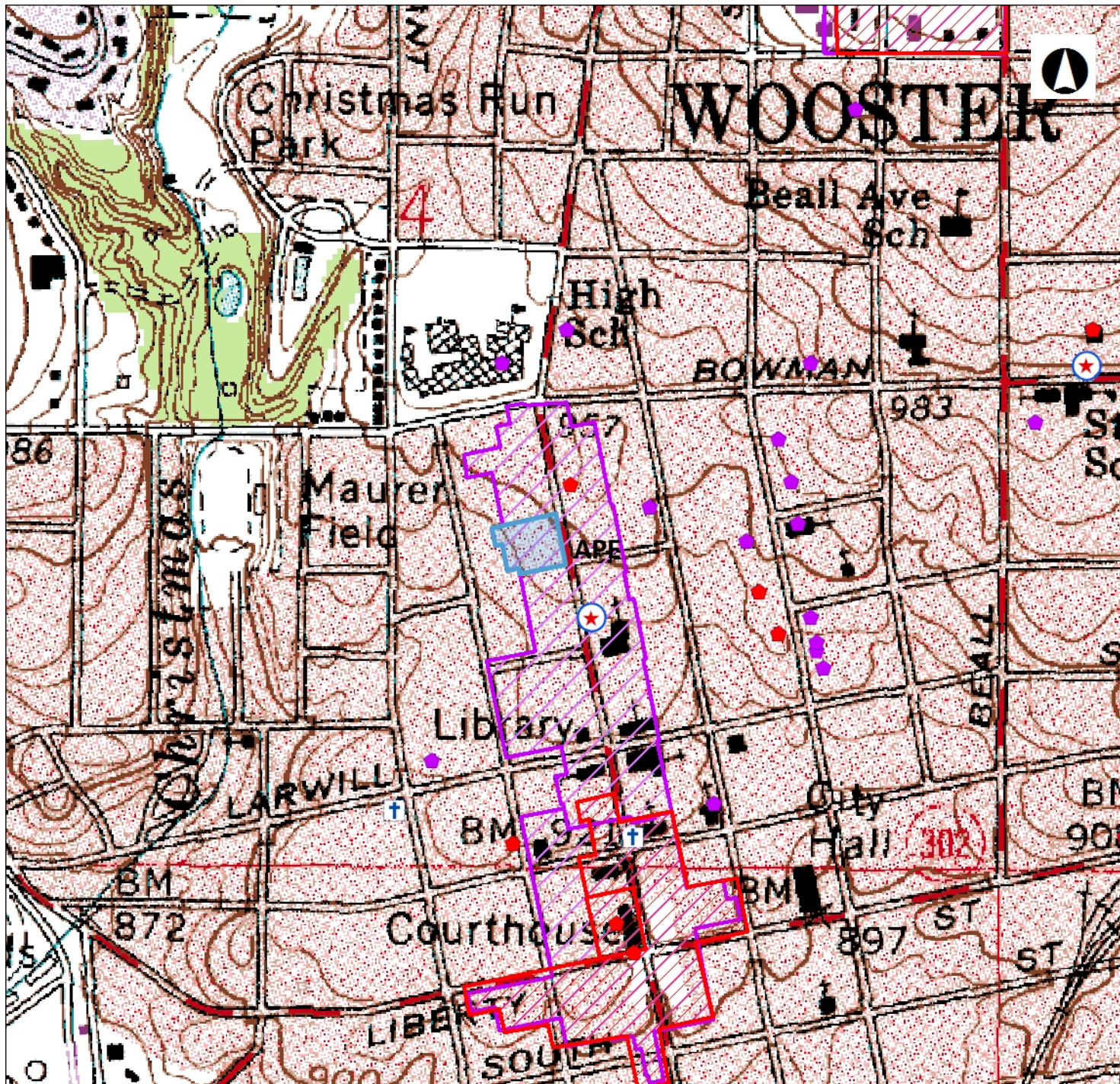
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Datum: [Datum]

Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere







State Historic  
Preservation Office

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- ▨ Local Districts
- Highways
- Counties
- NPS Parks
- Wayne National Forest

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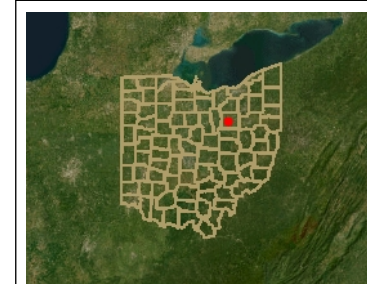
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### Copyright/Disclaimer

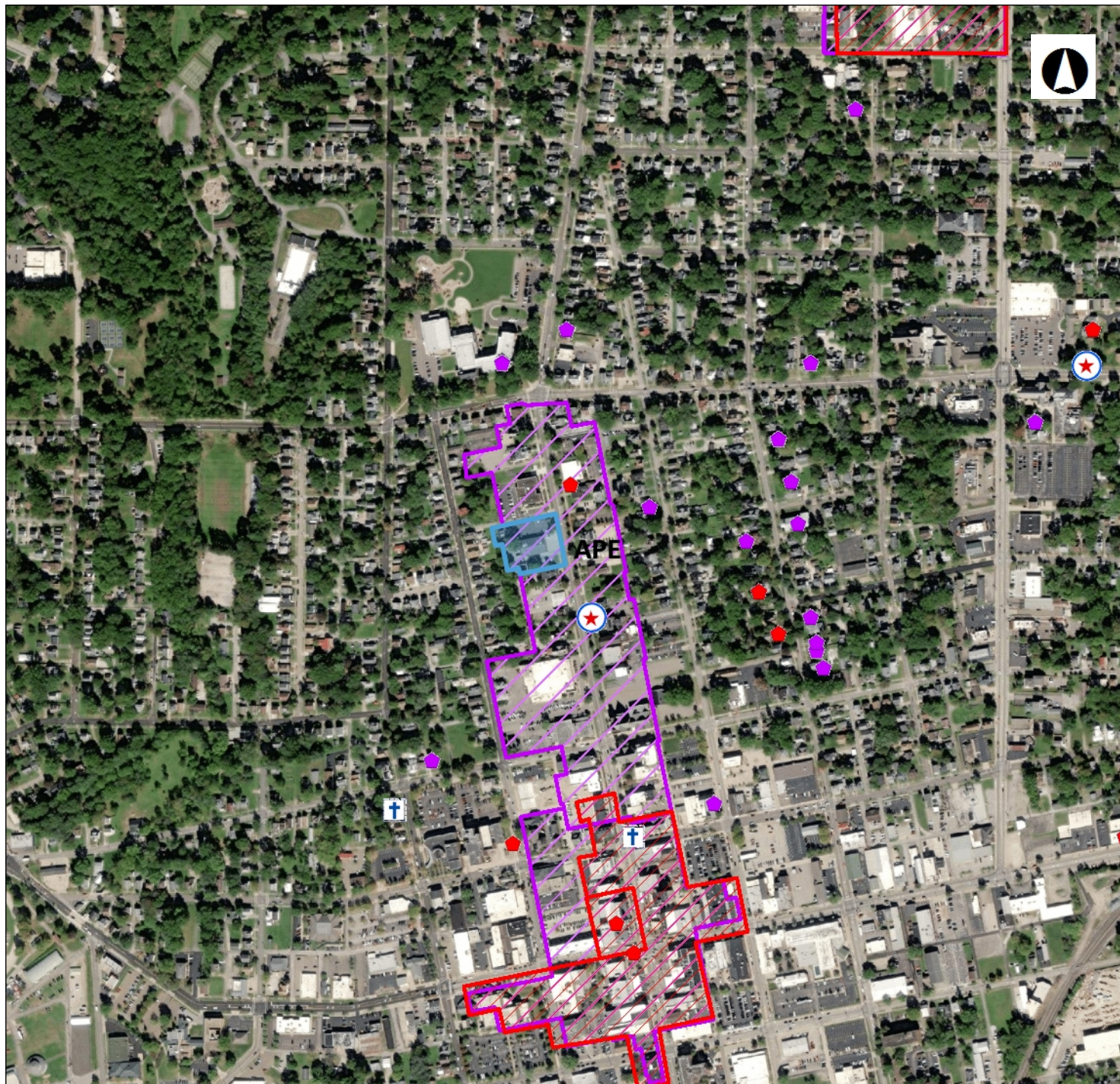
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Datum: [Datum]

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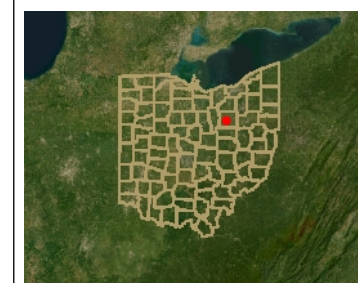
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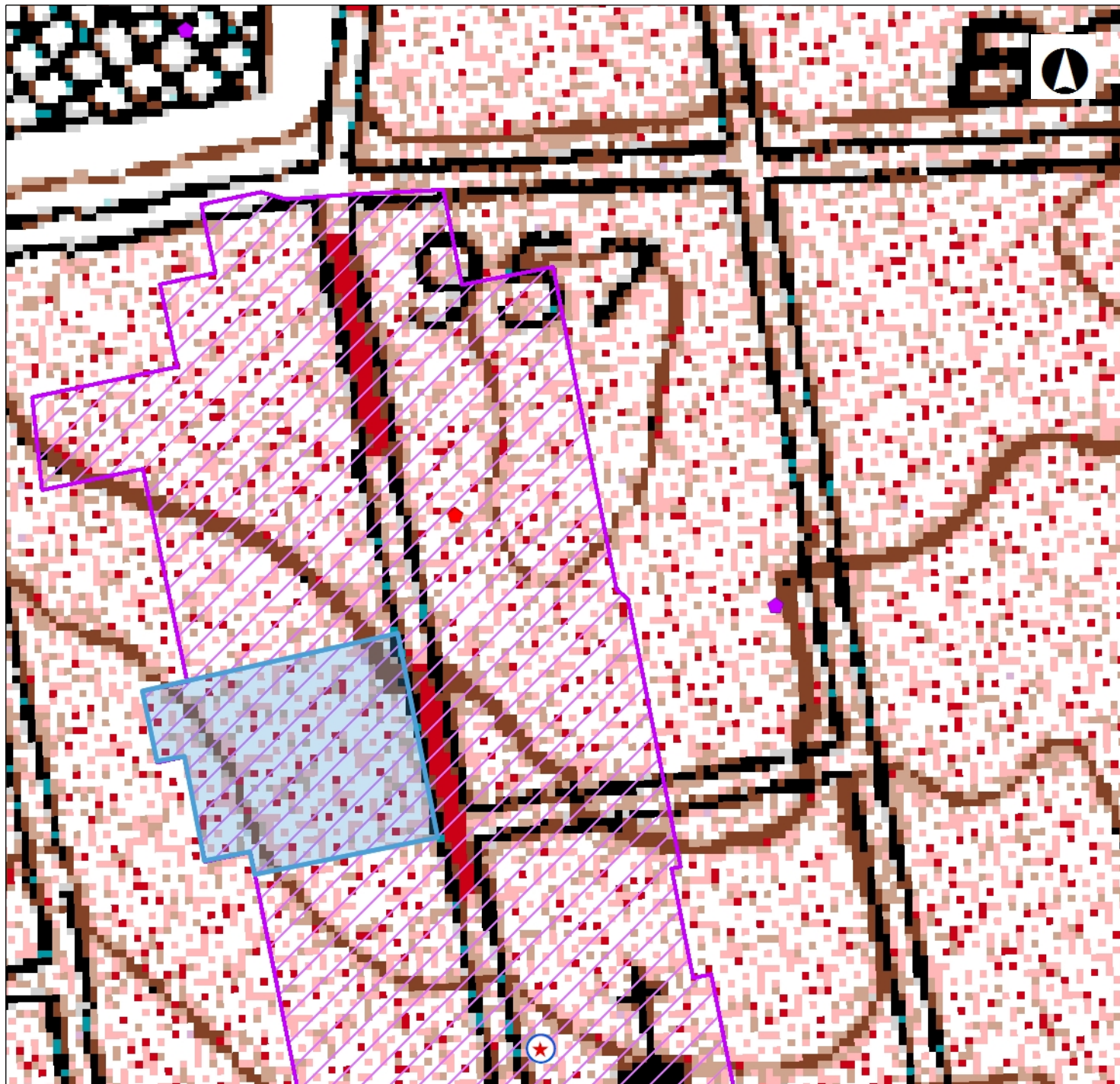
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Datum: [Datum]  
Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere







State Historic  
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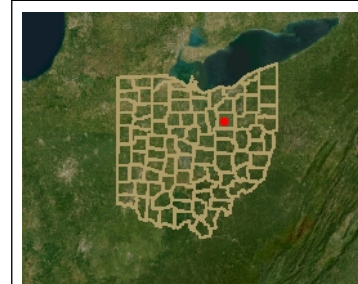
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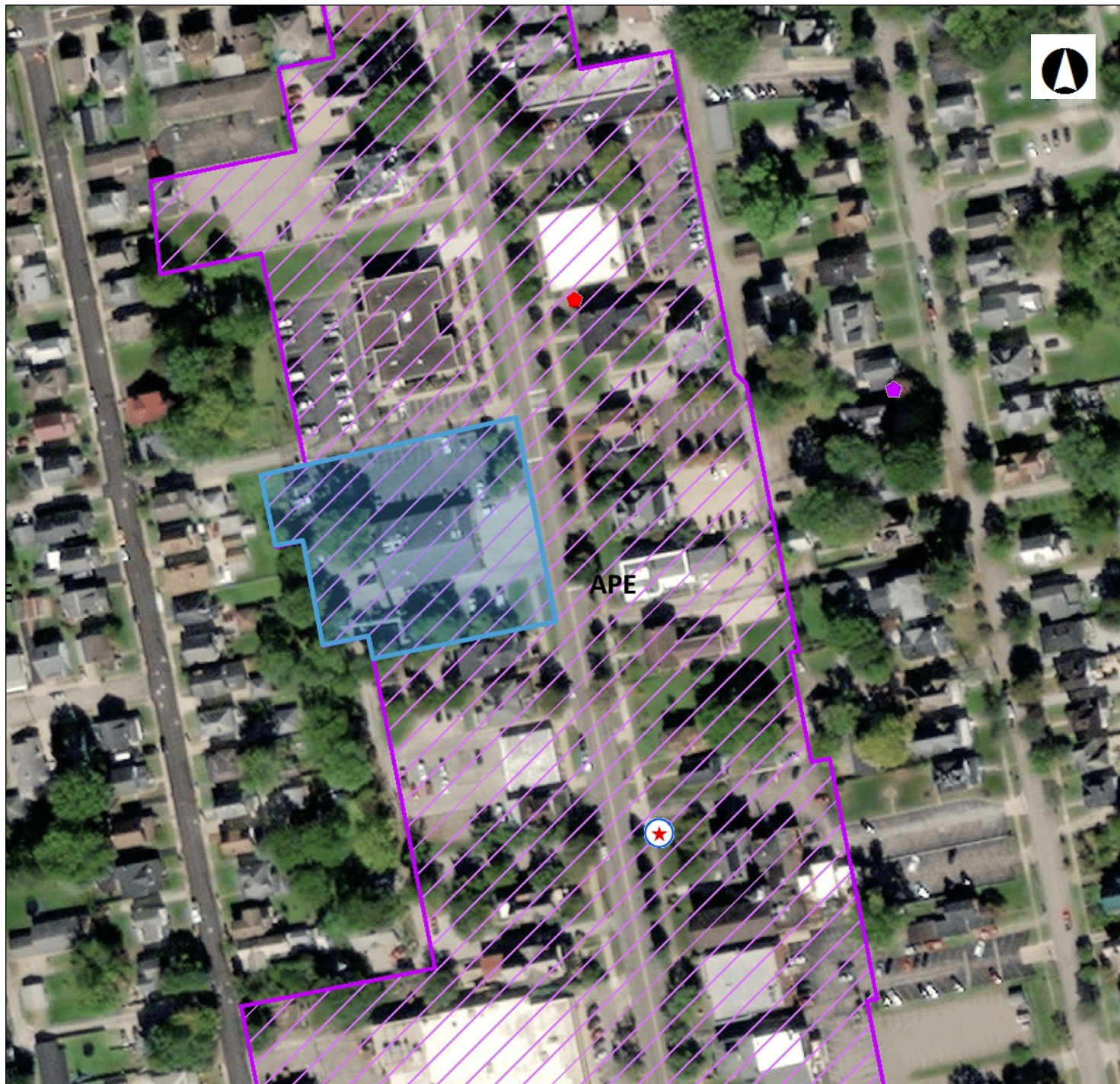
### Copyright/Disclaimer

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Datum: [Datum]  
Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere







State Historic  
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- Wayne National Forest

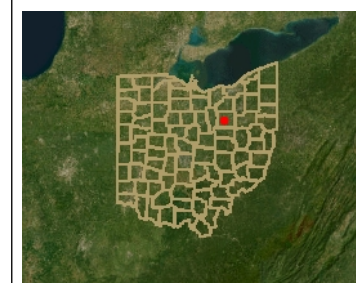
0 0.03 0.06 Miles

1: 2,500

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Datum: [Datum]  
Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere









**Due to file size, END OF PART 1 of 2 of Submission** The City of Wooster Online Applications

01/13/2023

**Please continue to "Wooster\_2023\_106ReviewRequest\_2of2"  
for Planning Commission Application with Plans, Photos, Scope, etc.****PC-23-1**

Planning Commission

**Status:** Active**Date Created:** Jan 11, 2023**Applicant**

Bradley Mull  
bjm@mw-architects.com  
4525 Indianola Ave  
Columbus, OH 43214-2289  
6142676960

**Primary Location**

510 N MARKET ST  
WOOSTER, OH 44691

**Owner:**

CITY OF WOOSTER  
538 N MARKET ST WOOSTER, OH 44691

**Planning Commission Information****Application Type****Application Type**

Development Plan - Final

I am aware that a sign indicating a Public Meeting for a Development Plan application shall be placed on the property by the applicant no less than 7 days prior to the Planning Commission meeting date. Meeting notice sign(s) may be picked up from the Planning and Zoning Division (538 North Market St, Wooster OH) approximately 10 days prior to the Planning Commission meeting.

**Project Description****Please briefly describe the project.**

THE PROJECT CONSISTS OF NEW ADDITIONS AND INTERIOR AND EXTERIOR RENOVATIONS TO THE EXISTING WOOSTER FIRE STATION #1 LOCATED AT 510 NORTH MARKET STREET, CONSTRUCTED IN 1961, TO IMPROVE THE HEALTH, SAFETY & WELFARE OF THE FIREFIGHTERS.

**Project Type - Development Plan****Addition****Accessory Structure****Exterior Building Alteration****Exterior Lighting****Fence****Landscaping****Parking or Drive****Authorization**

By checking this box and typing my full legal name I hereby certify (1) The information contained in this application is accurate to the best of my knowledge, (2) I am authorized to make this application as the property owner of record or I have been authorized to make this application by the property owner of record, (3) I assume sole responsibility for correspondence regarding this application, which will transpire through my indicated email address, and (4) I am aware that all application requirements must be submitted prior to the acceptance of my application.



# Wooster\_2023\_106ReviewRequest\_2of2

## Continuing with : Planninc Commission Development Plan

 The City of Wooster Online Applications

01/13/2023

**PC-23-1**

Planning Commission

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bjm@mw-architects.com  
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






**Project Type - Development Plan****Addition****Accessory Structure****Exterior Building Alteration****Exterior Lighting****Fence****Landscaping****Parking or Drive****Authorization**

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Bradley J. Mull  
01/11/2023

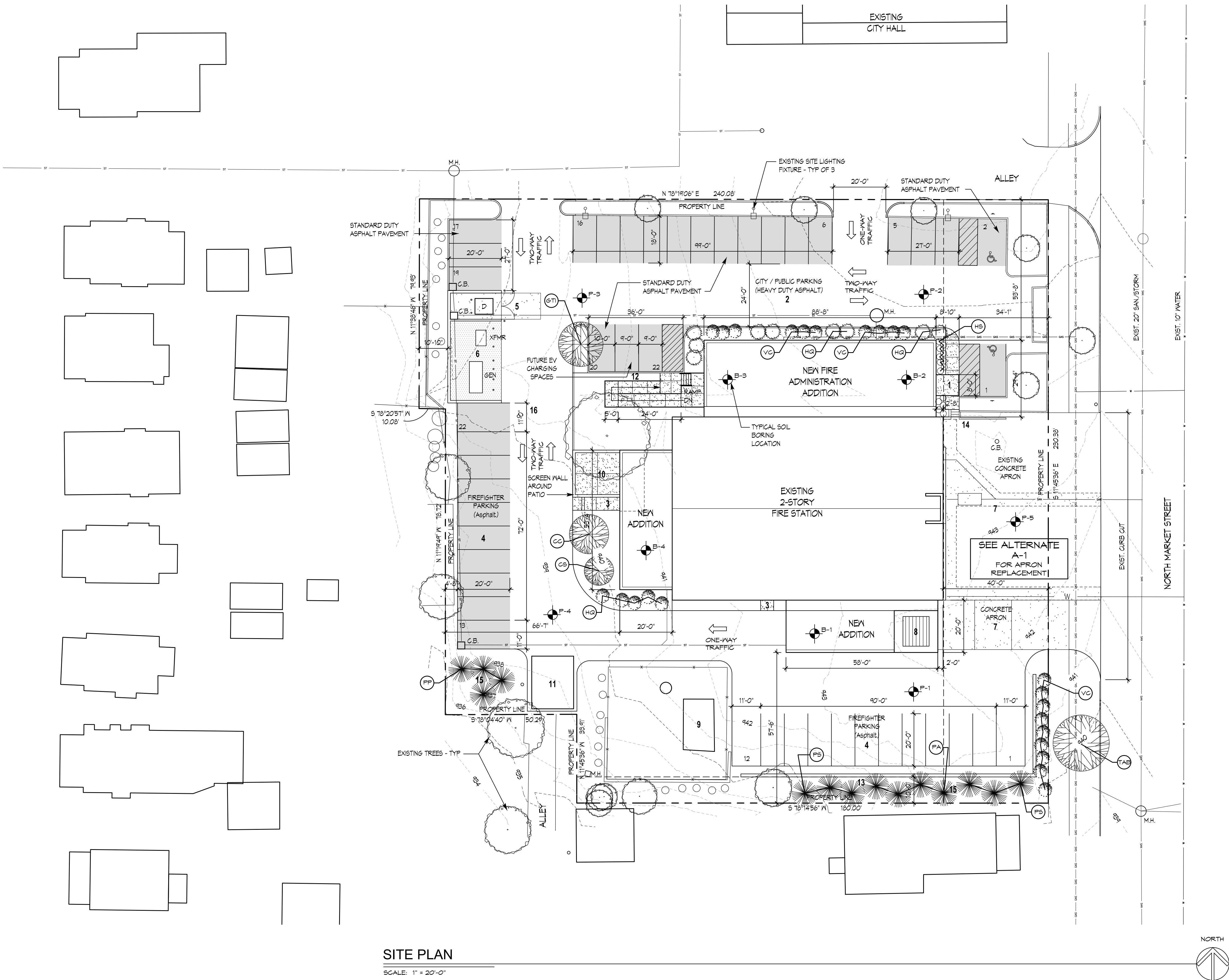
## Historical Permit Data

### Attachments

-  2113\_G1.1 Site Plan\_1-12-2023.pdf  
Uploaded by Bradley Mull on Jan 12, 2023 at 3:45 pm
-  2113\_A1.2 Second Floor Plan\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:08 pm
-  2113\_A1.1 Floor Plan\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:08 pm
-  2113\_A6.1 Elevations\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:09 pm
-  2113\_A6.2 Elevations\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:09 pm
-  2113\_A9.1 3D Views\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:09 pm
-  2113\_A9.2 3D Views\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:09 pm
-  2113\_A9.3 3D Views\_1-11-2023.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:09 pm
-  Cetrainteed Landmark Pro Shingles - Colonial Slate.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:10 pm
-  Indian Full Range Coarse Velour \_ Red Brick.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:10 pm
-  Royalty Red Clear Coarse Velour \_ Red Brick.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:10 pm
-  Pella Impervia.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:11 pm
-  James Hardie.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:11 pm
-  Haas CA320\_320i\_320ix TechSheet.pdf  
Uploaded by Bradley Mull on Jan 11, 2023 at 8:11 pm

### Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Payment of Application Fee	Paid	Jan 11, 2023 at 8:12 pm	Jan 11, 2023 at 8:14 pm	-	-
 Review Application for Completeness	Complete	Jan 11, 2023 at 8:14 pm	Jan 12, 2023 at 2:12 pm	Vince Marion	-
 Application Information Sheet	Issued	Jan 12, 2023 at 2:12 pm	Jan 12, 2023 at 2:12 pm	-	-
 Fire Department Comments	Complete	Jan 12, 2023 at 2:12 pm	Jan 13, 2023 at 8:20 am	Scott Kiper	-
 Engineering Comments	Active	Jan 12, 2023 at 2:12 pm	-	Roger Kobilarcsik	-
 Review of Application by the Planning Commission	Active	Jan 12, 2023 at 2:12 pm	-	Vince Marion	-



SITE PLAN

SCALE: 1" = 20'-0"

SQUARE FOOTAGE AREAS

EXISTING STATION	10,148 S.F.
SOUTH ADDITION	1,160 S.F.
NORTH ADDITION	2,601 S.F.
WEST ADDITION	1,067 S.F.

TOTAL STATION 14,976 S.F.

PARKING

FIREFIGHTER PARKING	22 SPACES
PUBLIC / ADMIN. PARKING	22 SPACES
TOTAL PARKING	44 SPACES

PAVEMENT TYPES

	STANDARD DUTY ASPHALT PAVEMENT
	HEAVY DUTY ASPHALT PAVEMENT
	HEAVY DUTY CONCRETE PAVEMENT
	CONCRETE SIDEWALK

KEY NOTES

- PUBLIC ENTRANCE TO ADMINISTRATION
- CITY / PUBLIC PARKING - 23 SPACES
- FIREFIGHTER ENTRANCE
- FIREFIGHTER PARKING - 22 SPACES
- DUMPSTER ENCLOSURE w/ SCREENING & GATES
- EMERGENCY GENERATOR / TRANSFORMER
- APPARATUS APRON
- TRAINING TOWER
- EXISTING CELL TOWER ENCLOSURE
- FIREFIGHTER PATIO
- EXISTING RE-LOCATED STORAGE SHED
- FUTURE CITY EV CHARGING STATIONS
- NEW CONCRETE RETAINING WALL
- EXISTING STAIRS & RETAINING WALL
- LANDSCAPE SCREENING
- RELOCATE EXISTING UTILITY POLE

GENERAL SITE NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT SURVEYING TO ENSURE THAT THE CONSTRUCTION LIMITS ARE WITHIN PROPERTY PER THE LEGAL DESCRIPTION AND THE PROJECT LAYOUT AS SHOWN ON THE DRAWINGS.
- THE LOCATION OF ALL EXISTING UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. DETERMINATION AND COORDINATION OF THE EXACT LOCATION OF EXISTING AND PROPOSED UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES CAUSED BY HIS OPERATIONS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE SEEDING OF ALL LAWN AREAS WITHIN THE LIMITS OF THIS CONSTRUCTION, INCLUDING ALL WORK AFFECTING ADJACENT PARCELS. THIS INCLUDES TEMPORARY SEEDING TO CONTROL EROSION.
- THE CONTRACTOR SHALL INSURE THAT ALL GRADING OPERATIONS PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION CONTROL MEASURES TO PREVENT DAMAGE TO ANY ADJACENT PARCELS.
- ALL EXISTING UTILITIES IN WORK AREA MAY NOT BE SHOWN.
- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CONSTRUCTION STANDARDS OF THE CITY OF WOOSTER AND WITH THE SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION (ODOT), REFER TO SITE DRAWINGS AND PROJECT MANUAL FOR ADDITIONAL SITE SPECIFICATIONS.
- ANY DEVIATIONS FROM THE SLOPES AND GRADES SHOWN ON THE CDE DRAWINGS WITHOUT APPROVAL OF THE CIVIL ENGINEER AND ARCHITECT MAY CAUSE THE MINIMUM ACCESSIBILITY REQUIREMENTS TO NOT BE MET. QUESTIONS REGARDING THE DESIGN INTENT SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL STANDARD SITE DRAWINGS AND SPECIFICATIONS REFERENCED BY THE CONTRACT DOCUMENTS, BUT NOT INCLUDED AS PART OF THE DRAWINGS. THIS INCLUDES CIVIL DRAWINGS PREPARED BY KARPINSKI, STANDARD DRAWINGS, DETAILS, AND SPECIFICATIONS REFERENCED BY THE CITY OF WOOSTER, O.D.O.T., AND OTHER AUTHORITIES HAVING JURISDICTION.
- REFER TO CIVIL DRAWINGS FOR ADDITIONAL FINISHED GRADE INFORMATION AT BUILDING ENTRANCES.
- REFER TO THE ROOF PLAN DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THE UNDERGROUND ROOF DRAINAGE LINES AND CONNECTIONS TO THE STORM DRAINAGE SYSTEM.
- REFER TO CIVIL DRAWINGS FOR SITE BENCHMARK INFORMATION.

PLANT LIST

SYMBOL	QUAN.	BOTANICAL NAME / COMMON NAME	SIZE / CAL.	ROOT
(TAB)	1	TILIA AMERICANA 'BOULEVARD' / BOULEVARD LINDEN	2"	B & B
(GT)	1	GLEDITSIA TRICANTHOS 'IMPERIAL' / IMPERIAL HONEYLOCUST	2"	B & B
(CS)	1	CORNUS SPECIES / DOGWOOD	1-1/2"	B & B
(CC)	1	GERGIS CHINENSIS / CHINESE REDBUD	1-1/2"	B & B
(FA)	4	PICEA ABIES / NORWAY SPRUCE	4 FT.	B & B
(PS)	6	PINUS STROBUS / WHITE PINE	4 FT.	B & B
(PF)	4	PICEA FURGENS 'GLAUC' / COLORADO BLUE SPRUCE	4 FT.	B & B
(VC)	19	VIBURNUM CARLESII 'CAYUSA' / KOREAN SPICE FRAGRANT VIBURNUM	#2	CONT.
(HQ)	14	HYDRANGEA QUERGIFOLIA / OAKLEAF HYDRANGEA	#2	CONT.
(HS)	14	HEMEROCALLIS STELLA D'ORO / DAYLILY	#1	CONT.

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF NEW ADDITIONS AND INTERIOR AND EXTERIOR RENOVATIONS TO THE EXISTING WOOSTER FIRE STATION #1 LOCATED AT 510 NORTH MARKET STREET. CONSTRUCTED IN 1961, TO IMPROVE THE HEALTH, SAFETY & WELFARE OF THE FIREFIGHTERS, THERE IS AN AUXILIARY BAY ADDITION TO THE SOUTH SIDE OF THE EXISTING APPARATUS BAYS TO PROVIDE ADDITIONAL INTERIOR APPARATUS SPACE AND TRAINING OPPORTUNITIES. A FIRE ADMINISTRATION ADDITION TO THE NORTH SIDE OF THE EXISTING STATION, AND A PHYSICAL FITNESS ADDITION TO THE WEST SIDE OF THE STATION. THE INTERIOR RENOVATIONS INCLUDE A NEW BAY FLOOR & DRAINAGE, NEW BUILDING UTILITY SERVICES, RENOVATED EXISTING R-2 DORMITORY SPACE, NEW MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY SYSTEMS AND APPARATUS BAY SUPPORT AND DECONTAMINATION SPACES. SITE IMPROVEMENTS INCLUDE ADDITIONAL FIREFIGHTER PARKING SPACES TO THE SOUTH OF THE STATION, RELOCATING THE EXISTING STORAGE BUILDING TO THE PREVIOUSLY VACATED ALLEY AT THE SOUTHWEST CORNER OF THE PROPERTY AND CONNECTION OF THE PARKING AREAS ON THE NORTH, WEST AND SOUTH SIDES OF THE BUILDING TO PROVIDE IMPROVED CIRCULATION AND FIRE APPARATUS ACCESS AROUND THE STATION. THE GENERATOR, TRANSFORMER AND DUMPSTER LOCATION IS NEAR THE NORTHWEST CORNER OF THE PROPERTY.



All reports, drawings, specifications, computer files, field data, notes and other documents and instruments prepared by Mull & Weithman Architects, Inc., as instruments of service shall remain the property of Mull & Weithman Architects, Inc. Mull & Weithman Architects, Inc. shall retain all common law, statutory and other reserved rights, including copyright thereto. ©

Renovations & Additions to  
**Wooster Fire Station No.1**  
510 North Market Street  
Wooster, Ohio 44691

**m&w**  
mull & weithman architects, inc.  
4525 indianola avenue, columbus, ohio 43214  
614-267-6960 614-267-6978 fax

Construction Documents

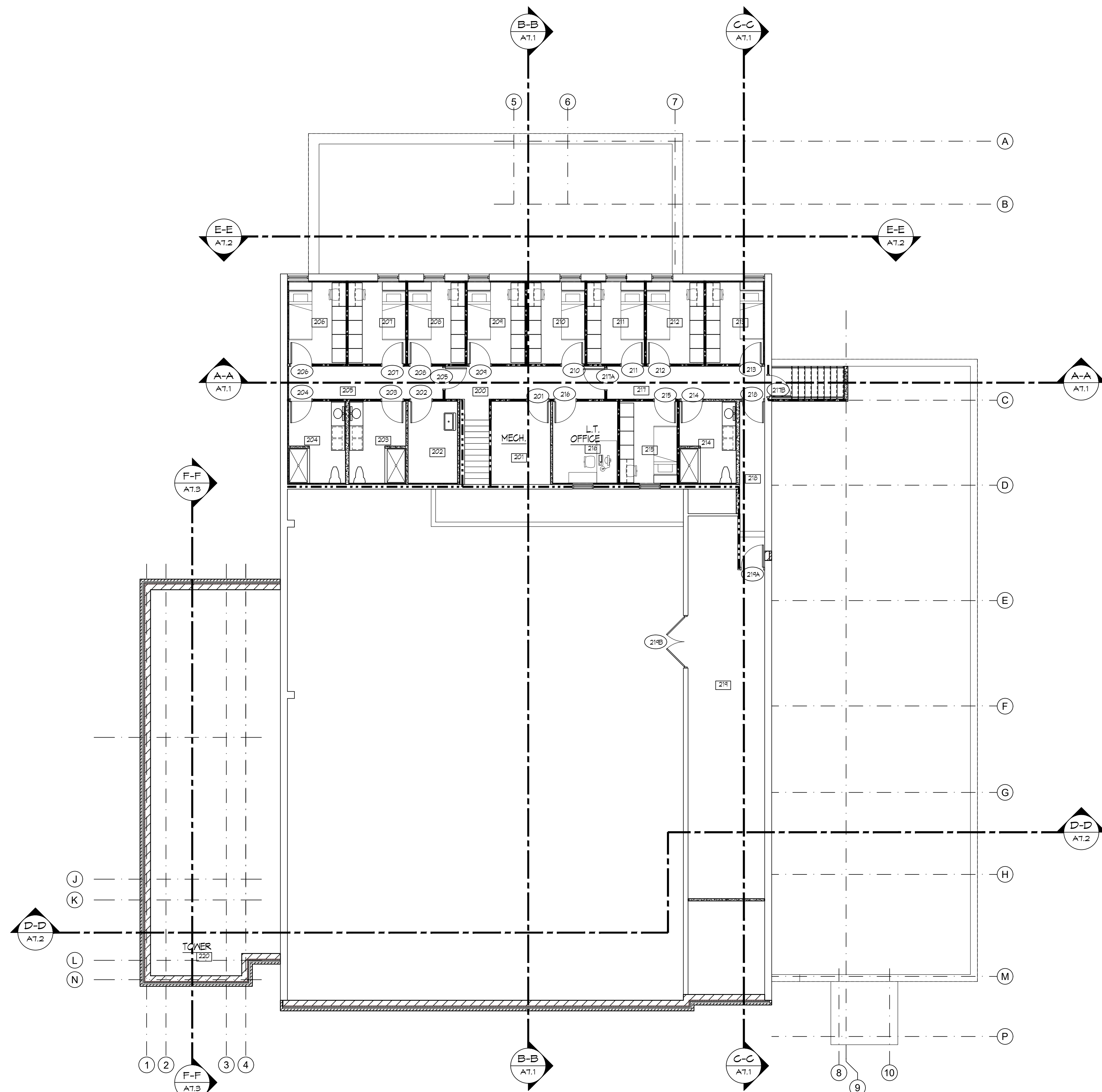
12 january 2023

commission no. 2113

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1.1

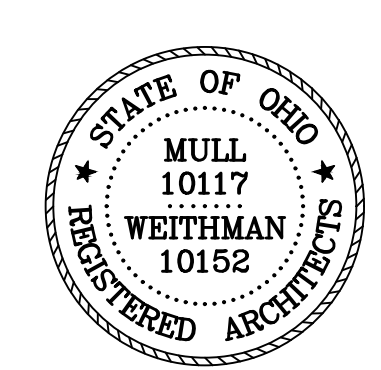




SECOND FLOOR PLAN  
SCALE: 1/8" = 1'-0"

### GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL REQUIRED DIMENSIONS AND CLEARANCES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL FIELD VERIFY AND LAYOUT ALL DIMENSIONS, LINES, UTILITIES, AND SERVICES PRIOR TO COMMENCEMENT OF THE WORK.
3. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD, OR FACE OF MASONRY TO FACE OF MASONRY, UNLESS NOTED OTHERWISE.
4. ALL INTERIOR WALLS EXPOSED CONCRETE BLOCK OUTSIDE CORNERS TO BE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
5. PROVIDE MISC. STEEL LINTELS AS REQUIRED FOR ACCESS PANELS, FIRE EXTINGUISHER CABINET, ETC. LOCATED IN CONCRETE BLOCK WALLS.
6. ALL INTERIOR STUD WALLS TO HAVE 3" SOUND ATTENUATION BATTS UNLESS NOTED OTHERWISE.
7. REFER TO PARTITION LEGEND FOR INTERIOR WALL TYPES. EXTEND WALLS TO UNDERSIDE OF BOTTOM OF ROOF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
8. PROVIDE ALL NECESSARY BLOCKINGS FOR ATTACHMENT OF WALL & CEILING MOUNTED ACCESSORIES, FINISHES, CABINETRY, MONITORS, DISPLAY BOARDS, COUNTERS, HANDRAILS ETC. - TYPICAL.
9. DO NOT SCALE DRAWINGS.
10. ALL ELECTRICAL CONDUITS AND BOXES TO BE CONCEALED WITHIN MASONRY WALL CONSTRUCTION OR STUD SPACE - TYPICAL. ANY EXPOSED CONDUITS AND BOXES ON EXISTING MASONRY AND CONCRETE SHALL BE PAINTED.
11. PROVIDE PLYWOOD OR OSB FLOOR PROTECTION FOR ALL FLOORS TO RECEIVE SEALED CONCRETE (SC) OR POLISHED CONCRETE (PC) AS A FINAL FLOOR FINISH - TYPICAL. PROVIDE PROTECTIVE COVERS FOR ALL WHEELS, DAMAGED FLOOR AREAS WILL BE REPLACED BY PANEL AT THE CONTRACTORS EXPENSE.
12. INTERIOR METAL STUD PARTITION WALLS ARE 3-5/8" STUDS UNLESS DIMENSIONED OR SHOWN OTHERWISE.
13. INTERIOR MASONRY PARTITION WALLS ARE 1-5/8" WIDE CMU UNLESS DIMENSIONED OR SHOWN OTHERWISE.
14. REFER TO LIFE SAFETY 'LS' SHEETS FOR RATED WALL, FLOOR, AND CEILING ASSEMBLY MATERIALS AND SPECIFICATIONS.
15. REFER TO LIFE SAFETY 'LS' SHEETS FOR RATED JOINT ASSEMBLY MATERIALS AND SPECIFICATIONS.
16. REFER TO LIFE SAFETY 'LS' SHEETS FOR RATED PENETRATION MATERIALS AND SPECIFICATION REQUIREMENTS.
17. REFER TO DIVISION 07 SECTION "PENETRATION FIRESTOPPING" FOR MATERIALS, CONSTRUCTION, AND LABELING OF PENETRATIONS AND JOINT ASSEMBLIES.
18. PROVIDE MIN. 12"x12" ACCESS PANELS FOR ACCESS TO PLUMBING FIXTURES AND VALVES LOCATED IN WALLS. PROVIDE RATED PANELS FOR RATED WALLS. PAINT TO MATCH ADJACENT.
19. FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A153.



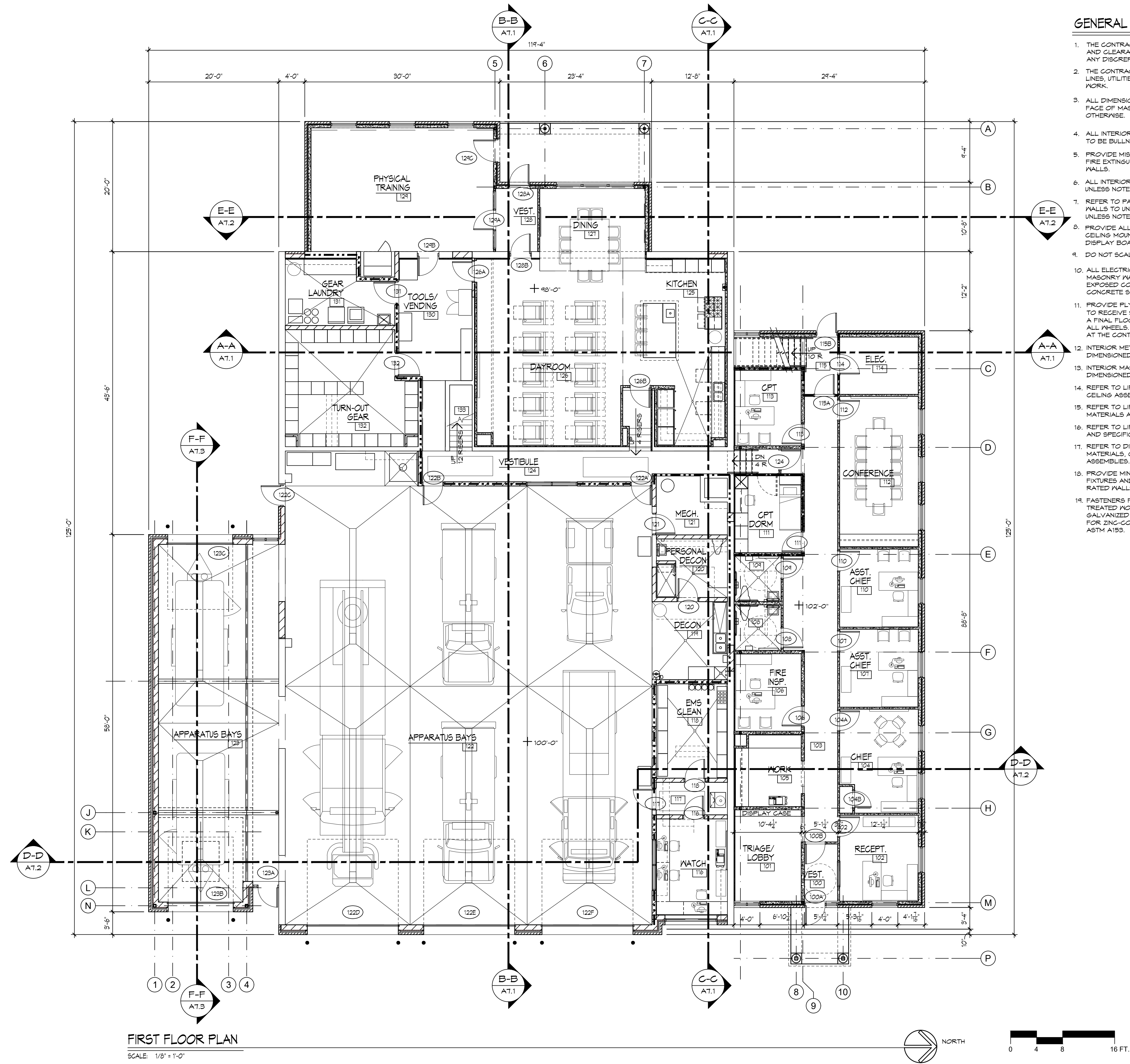
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Renovations & Additions to  
**Wooster Fire Station No.1**  
510 North Market Street  
Wooster, Ohio 44691

**m&w**  
*mull & weithman architects, inc.*  
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614-267-6960 614-267-6978 fax

Construction Documents  
11 january 2023  
commission no. 2113





FIRST FLOOR PLAN  
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL REQUIRED DIMENSIONS AND CLEARANCES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL FIELD VERIFY AND LAYOUT ALL DIMENSIONS, LINES, UTILITIES, AND SERVICES PRIOR TO COMMENCEMENT OF THE WORK.
3. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD, OR FACE OF MASONRY TO FACE OF MASONRY, UNLESS NOTED OTHERWISE.
4. ALL INTERIOR WALLS EXPOSED CONCRETE BLOCK OUTSIDE CORNERS TO BE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
5. PROVIDE MISC. STEEL LINTELS AS REQUIRED FOR ACCESS PANELS, FIRE EXTINGUISHER CABINET, ETC. LOCATED IN CONCRETE BLOCK WALLS.
6. ALL INTERIOR STUD WALLS TO HAVE 3" SOUND ATTENUATION BATTS UNLESS NOTED OTHERWISE.
7. REFER TO PARTITION LEGEND FOR INTERIOR WALL TYPES, EXTEND WALLS TO UNDERSIDE OF BOTTOM OF ROOF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
8. PROVIDE ALL NECESSARY BLOCKING FOR ATTACHMENT OF WALL & CEILING MOUNTED ACCESSORIES, FINISHES, CABINETRY, MONITORS, DISPLAY BOARDS, COUNTERS, HANDRAILS ETC. - TYPICAL.
9. DO NOT SCALE DRAWINGS.
10. ALL ELECTRICAL CONDUITS AND BOXES TO BE CONCEALED WITHIN MASONRY WALL CONSTRUCTION OR STUD SPACE - TYPICAL. ANY EXPOSED CONDUITS AND BOXES ON EXISTING MASONRY AND CONCRETE SHALL BE PAINTED.
11. PROVIDE PLYWOOD OR OSB FLOOR PROTECTION FOR ALL FLOORS TO RECEIVE SEALED CONCRETE (SC) OR POLISHED CONCRETE (PC) AS A FINAL FLOOR FINISH - TYPICAL. PROVIDE PROTECTIVE COVERS FOR ALL WHEELS. DAMAGED FLOOR AREAS WILL BE REPLACED BY PANEL AT THE CONTRACTORS EXPENSE.
12. INTERIOR METAL STUD PARTITION WALLS ARE 3-5/8" STUDS UNLESS DIMENSIONED OR SHOWN OTHERWISE.
13. INTERIOR MASONRY PARTITION WALLS ARE 7-5/8" WIDE CMU UNLESS DIMENSIONED OR SHOWN OTHERWISE.
14. REFER TO LIFE SAFETY 'LS' SHEETS FOR RATED WALL, FLOOR, AND CEILING ASSEMBLY MATERIALS AND SPECIFICATIONS.
15. REFER TO LIFE SAFETY 'LS' SHEETS FOR RATED JOINT ASSEMBLY MATERIALS AND SPECIFICATIONS.
16. REFER TO LIFE SAFETY 'LS' SHEETS FOR RATED PENETRATION MATERIALS AND SPECIFICATION REQUIREMENTS.
17. REFER TO DIVISION 07 SECTION "PENETRATION FIRESTOPPING" FOR MATERIALS, CONSTRUCTION, AND LABELING OF PENETRATIONS AND JOINT ASSEMBLIES.
18. PROVIDE MIN. 12"x12" ACCESS PANELS FOR ACCESS TO PLUMBING FIXTURES AND VALVES LOCATED IN WALLS. PROVIDE RATED PANELS FOR RATED WALLS. PAINT TO MATCH ADJACENT.
19. FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A153.



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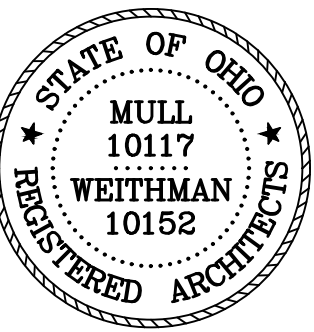
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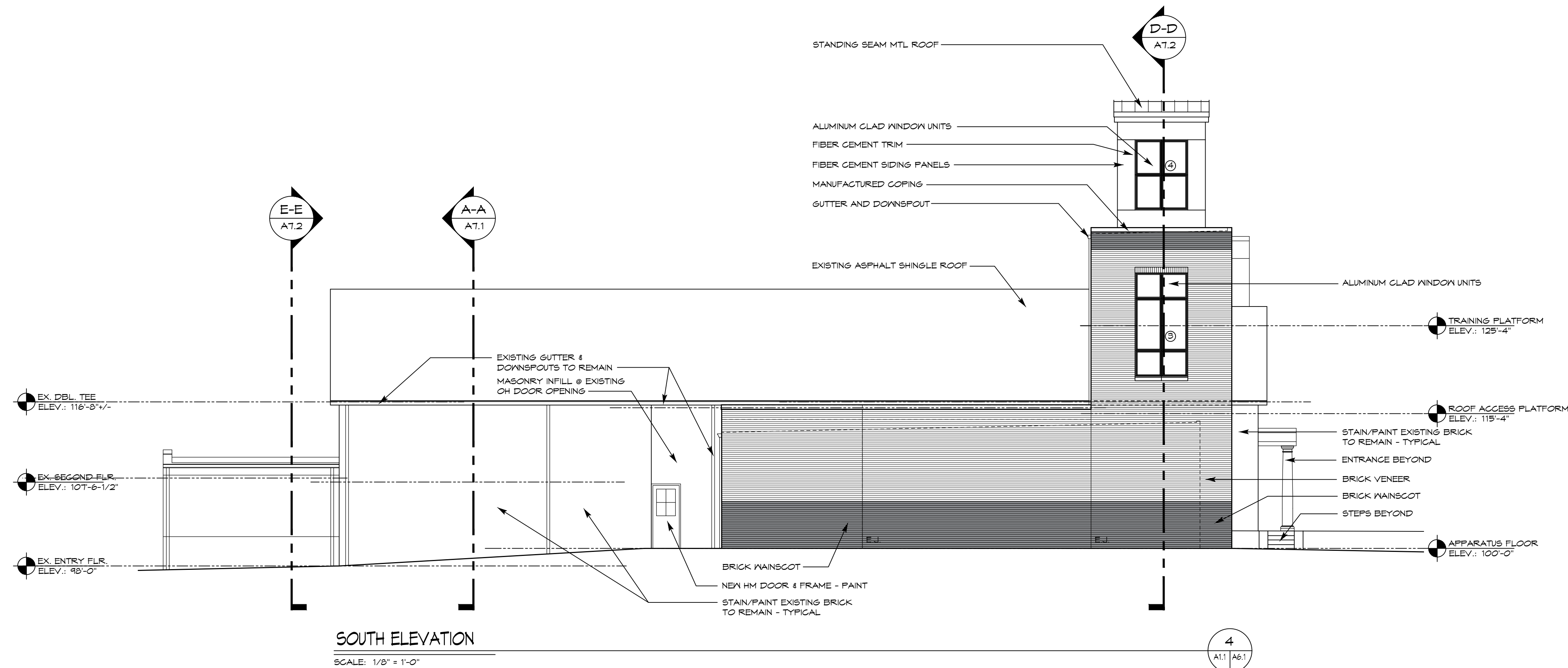
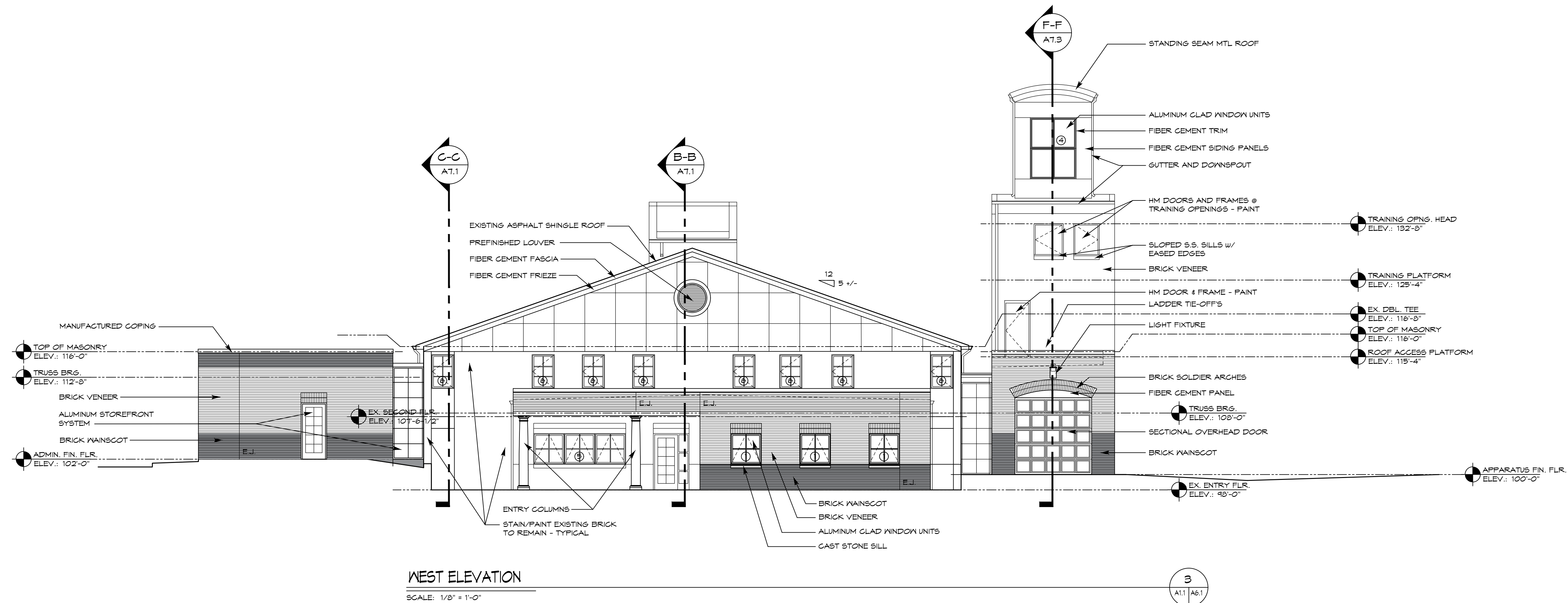
**A**  
**1.1**



PRELIMINARY  
NOT FOR  
CONSTRUCTION



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Construction  
Documents

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A

6.2



PRELIMINARY  
NOT FOR  
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VIEW FROM THE SOUTH EAST

SCALE: N.T.S.

Renovations & Additions to

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Construction  
Documents

11 january 2023

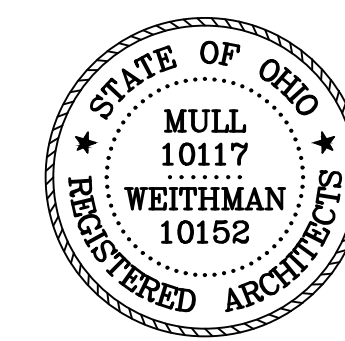
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9.1



PRELIMINARY  
NOT FOR  
CONSTRUCTION



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9.2

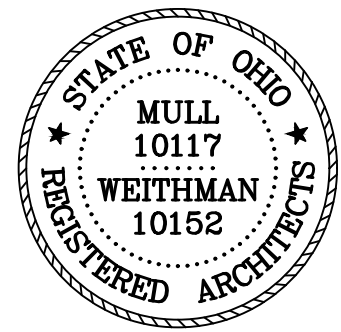


VIEW FROM THE NORTH EAST

SCALE: N.T.S.



PRELIMINARY  
NOT FOR  
CONSTRUCTION



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VIEW FROM THE SOUTH WEST  
SCALE: N.T.S.

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Construction  
Documents

11 january 2023

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A  
9.3



# LANDMARK<sup>®</sup> PRO

The Expert's Choice



*Shown in Max Def Driftwood*

# Introducing More Value

Landmark® PRO is designed specifically for the professional roofing contractor that takes pride in providing more to their customer.

## Landmark PRO improves upon the reliable CertainTeed Landmark shingle.

We started by adding more weathering asphalt to the industry's toughest fiberglass mat to provide more protection. Then we incorporated our Maximum Definition color blend technology to give the product more vibrancy on the roof. Included is the proven performance of our **NailTrak®** feature, enabling faster installation.

Landmark PRO offers the industry's strongest warranty. Protecting your reputation and safeguarding homeowners from manufacturing and aesthetic defects.

### LANDMARK PRO STANDARD WARRANTY

- Lifetime Limited Warranty
- 10-years of SureStart™ protection
- 15-year 110 MPH wind warranty (Upgrade to 130 MPH available. CertainTeed starter and CertainTeed hip and ridge required.)
- 15-year **StreakFighter®** algae resistance warranty

Add it all up and what you get is the opportunity to offer a lot of additional value for the money... and today that means more than ever.

## LANDMARK® PRO



### Landmark PRO specifications:

- Premium Max Def color palette
- **NailTrak®** for faster installation
- Lifetime limited warranty
- 15-year **StreakFighter®** algae resistance
- 10-year SureStart protection includes:
  - Materials, labor, tear off and disposal cost
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available

## LANDMARK®



### Landmark specifications:

- Traditional color palette
- **NailTrak®** for faster installation
- Lifetime limited warranty
- 10-year **StreakFighter®** algae resistance
- 10-year SureStart protection includes:
  - Materials and labor costs
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available



# LANDMARK® PRO COLOR PALETTE



Max Def Cobblestone Gray



Max Def Georgetown Gray



Max Def Colonial Slate



Max Def Weathered Wood



Max Def Driftwood



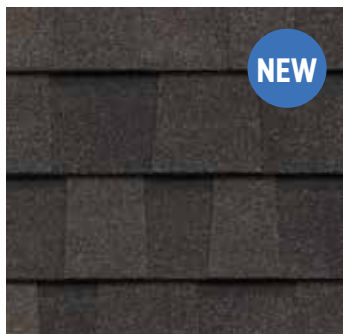
Max Def Prairie Wood



Max Def Pewter



Max Def Moiré Black



Max Def Espresso



Max Def Heather Blend



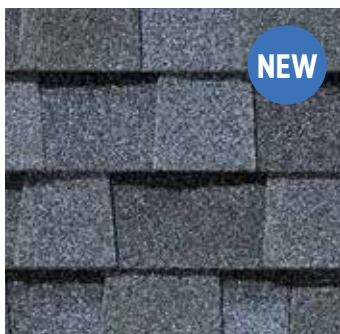
Max Def Shenandoah



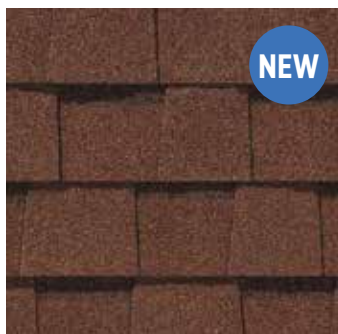
Max Def Burnt Sienna



Max Def Resawn Shake



Max Def Coastal Blue



Max Def Red Oak

## Max Def Colors

Look deeper. With Max Def, a new dimension is added to shingles with a richer mixture of surface granules. You get a brighter, more vibrant, more dramatic appearance and depth of color. And the natural beauty of your roof shines through.

*NOTE: Due to limitations of printing reproduction, CertainTeed can not guarantee the identical match of the actual product color to the graphic representations throughout this publication.*



Scan code for more information

# StreakFighter®

## Algae Resistance

The ultimate in stain protection.

Those streaks you see on other roofs in your neighborhood? That's algae, and it's a common eyesore on roofing throughout North America. CertainTeed's **StreakFighter** technology uses the power of science to repel algae before it can take hold and spread.

**StreakFighter's** granular blend includes naturally algae-resistant copper, helping your roof maintain its curb appeal and look beautiful for years to come.

Granule with **StreakFighter** Technology

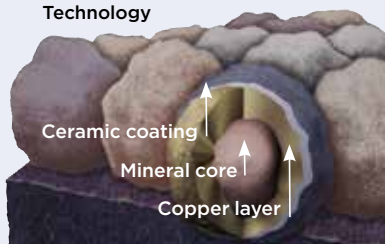


Diagram for illustrative purposes only.

# NailTrak®

## Fast, Accurate, Visible

The new and improved **NailTrak** nailing line, a feature on CertainTeed designer shingles.

Now **NailTrak** is brighter than ever before, with high-visibility lines that stand out whether it's daybreak or dusk.

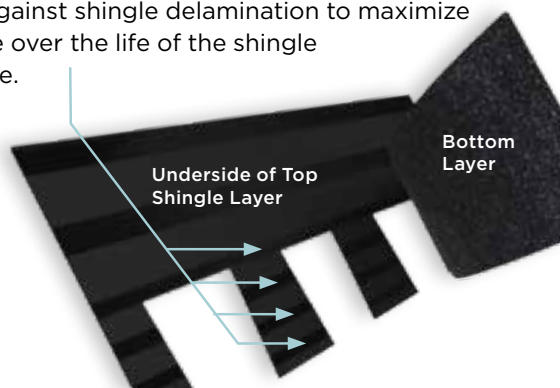
**NailTrak** removes the guesswork with three separately defined lines, creating a large area to guide your nailing and a smaller area for extreme steep-slope applications.



# QuadraBond®

## Advanced Layering

CertainTeed's specially formulated adhesive adheres shingle layers at four points, more than any other manufacturer. This superior bond provides greater protection against shingle delamination to maximize performance over the life of the shingle in any climate.



# CertaSeal®

## Uplift Protection

**CertaSeal®** is a fast-activating modified asphalt sealant with a 20-year record of proven performance. Designed to seal shingles together upon installation, it protects roofs from wind uplift and shingle blow-off so that homes stay safe and dry. It's also engineered to remain flexible after installation, unlike harder sealants that can dry out and crack over time.



## Integrity Roof System™

Insist upon the Integrity Roof System™ and get the ultimate in roof performance.

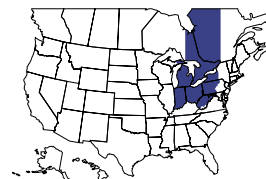
learn more at:

[certainteed.com/roofing](http://certainteed.com/roofing)



Read our blog

Landmark® PRO  
available in areas shown



### CertainTeed

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# INDIAN FULL RANGE COARSE VELOUR

Type	Face
Color	Red
Texture	Coarse Velour
Plant	Plant 8
Manufacturing Method	Extruded

## Gallery





Indian Full Range Coarse Velour

Sizes

Specs

Sizes	Width	Height	Length	Thin Flat Back	Thin with Back Geor
Modular	3 5/8"   92mm	2 1/4"   57mm	7 5/8"   194mm	5/8"   16mm	3/4"   19mm
Economo Modular	3 5/8"   92mm	3 5/8"   92mm	7 5/8"   194mm	5/8"   16mm	3/4"   19mm
Roman	3 5/8"   92mm	1 5/8"   41mm	11 5/8"   295mm	N/A	N/A
Norman	3 5/8"   92mm	2 1/4"   57mm	11 5/8"   295mm	5/8"   16mm	3/4"   19mm
Utility	3 5/8"   92mm	3 5/8"   92mm	11 5/8"   295mm	5/8"   16mm	3/4"   19mm
Monarch	3 5/8"   92mm	3 5/8"   92mm	15 5/8"   397mm	N/A	N/A
Ambassador	3 5/8"   92mm	2 1/4"   57mm	15 5/8"   397mm	N/A	N/A

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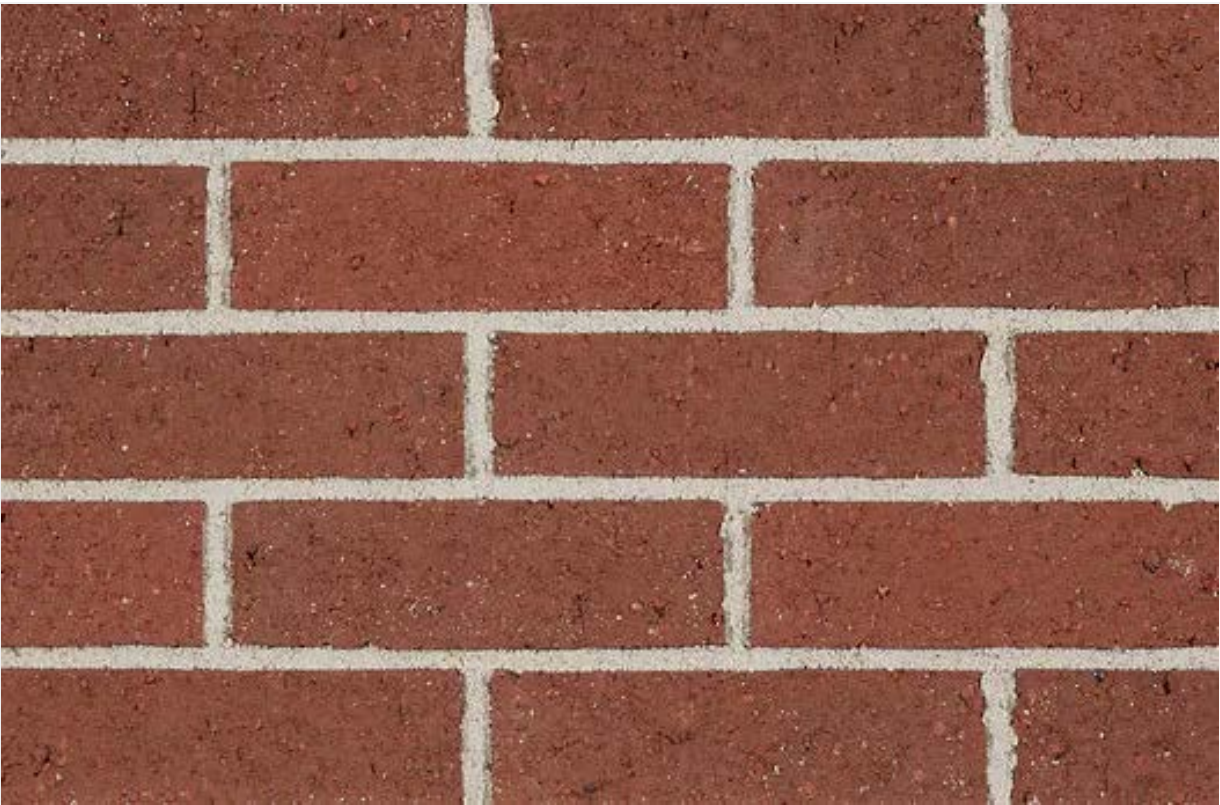
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ARCAT<sup>®</sup>







# ROYALTY RED CLEAR COARSE VELOUR

Type	Face
Color	Red
Texture	Coarse Velour
Plant	Plant 8
Manufacturing Method	Extruded

## Gallery

---





Royalty Red Clear Coarse Velour

Sizes

Specs

Sizes	Width	Height	Length	Thin Flat Back	Thin with Back Geor
Modular	3 5/8"   92mm	2 1/4"   57mm	7 5/8"   194mm	5/8"   16mm	3/4"   19mm
Economo Modular	3 5/8"   92mm	3 5/8"   92mm	7 5/8"   194mm	5/8"   16mm	3/4"   19mm
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Monarch	3 5/8"   92mm	3 5/8"   92mm	15 5/8"   397mm	N/A	N/A
Ambassador	3 5/8"   92mm	2 1/4"   57mm	15 5/8"   397mm	N/A	N/A

LOOKING WHERE TO BUY BRICK?

## Unmatched strength and lasting durability

Achieve commercial-grade strength and lasting durability for your customers' long-term return on investment. Pella Impervia products are made from our proprietary fiberglass material, the strongest material for windows and patio doors, engineered for lasting durability.<sup>1</sup>

## Revolutionary hardware

Introducing a revolutionary way to operate casement and awning windows. This patent-pending, Easy-Slide Operator simply slides to open, without the effort of cranking.

# Pella® Impervia®

Fiberglass windows and patio doors

## Sleek profiles and more glass

Create bold designs from sleek profiles and more glass with our intentionally-designed products made from our exceptionally strong proprietary fiberglass.

- **100x more impact resistant<sup>2</sup>**

Pella's fiberglass is 100x more impact-resistant than Andersen's Fibrex windows. You can trust our fiberglass products to be better equipped to stand up to a hammer misfire and other jobsite conditions.

- **Proven performance**

Engineered for the rigorous performance requirements of a commercial building, Pella Impervia products provide outstanding resistance to water, wind and outside noise.<sup>3</sup>

- **Installation solutions and expertise**

With nearly 100 years in business, we've got you covered with products and installation solutions for your exact situation.

- **Exceptional mulling capabilities**

With both interior and exterior accessory grooves on all Pella fiberglass products, you can create larger, unique combinations specifically for your remodel or new construction project. Our extensive factory-mulled options will come preassembled, saving you time on the jobsite.

- **Up-to-date color palette**

Achieve your design style with up-to-date frame color options, including Black.

- **Tested beyond requirements**

Tested beyond industry standards and to extremes from -40°F to 180°F, our proprietary fiberglass can handle the most extreme heat and sub-zero cold<sup>4</sup>. Our products are tested beyond industry standards to help ensure less maintenance with fewer callbacks.

- **Durable three-way corner joints**

For added strength, durability and reliable water performance, Pella Impervia products feature corner locks and sashes injected with sealant and fastened with screws.

- **The confidence of a strong warranty<sup>5</sup>**

We know your reputation matters, so we have one of the strongest warranties in the business.

Available in these window and patio door styles:



Special shape windows also available.

<sup>1,2,3,4,5</sup> See back cover for disclosures.





Delivering unmatched strength, engineered for lasting durability.<sup>1</sup>

Pella’s proprietary fiberglass vs. Andersen Fibrex<sup>2, 6, 7</sup>  
Pella Impervia products won’t dent, bend or break as much as the competition.

Won’t dent.

100x

more impact-resistant

Won’t bend.

10x

stronger

Won’t break.

20x

the tensile strength

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values			Frame/Install
						U-Factor	SHGC	STC	
Vent Awning	20"	17-½"	59-½"	59-½"	LC30-LC50	0.18-0.48	0.16-0.55	29-37	Block Frame, Standard Fin, Off-set Fin, Integral Fin
Fixed Awning	13-½"	11-½"	71-½"	79-½"	LC45-LC50	0.16-0.49	0.18-0.63	28-36	
Vent Casement	17-½"	20"	37-½"	79-½"	LC45-LC50	0.26-0.45	0.18-0.55	25-32	
Fixed Casement	13-½"	11-½"	71-½"	79-½"	LC45-LC50	0.22-0.48	0.20-0.62	27-33	
Vent Double-Hung	17-½"	29-½"	47-½"	77-½"	LC30-LC50	0.25-0.49	0.19-0.58	26-29	
Vent Single-Hung	17-½"	23-½"	47-½"	77-½"	LC40-LC50	0.24-0.51	0.19-0.59	26-32	Block Frame, Standard Fin, Off-Set Fin, Integral Fin, Flush Frame
Sliding Window (OX, XO)	23-½"	11-½"	71-½"	71-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-33	
Sliding Window (XOX)	47-½"	17-½"	107-½"	71-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-32	
Fixed Sash and Frame	13-½"	13-½"	71-½"	71-½"	CW35-CW50	0.22-0.50	0.20-0.62	27-33	
Fixed Frame Direct Set	11-½"	11-½"	143-½"	143-½"	CW50	0.14-0.46	0.18-0.69	28-36	Block Frame, Standard Fin, Off-Set Fin
Sliding Patio Door (One Panel)	27"	71-½"	50.-⅝"	119-½"	LC30-LC50	0.17-0.48	0.19-0.59	29-33	Block Frame, Standard Fin, Off-Set Fin
Sliding Patio Door (Two Panel)	59-¼"	71-½"	95-¼"	119-½"	LC30-LC50	0.17-0.48	0.19-0.59	29-33	
Sliding Patio Door (Three Panel)	91-7⁄8"	71-½"	145-7⁄8"	119-½"	LC35-LC50	0.17-0.48	0.19-0.59	29-33	

Window sizes available in 1/8" increments  
Maximum square footage rules apply. Maximum width and height cannot exceed the maximum square footage. Special shapes available.  
Two and three-panel sliding patio door configurations that are greater than or equal to 95.5" in height will come knock-down and require field assembly.  
Knock-down will be optional for two and three-panel configurations until 95.5" in height.

Glass & Additional Energy Efficiency Upgrades

InsulShield® Low-E Glass<sup>8</sup>

Pella Impervia products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states<sup>9</sup>

Advanced Low-E insulating dual- or triple-pane glass with argon

Advanced Comfort Low-E insulating dual-pane glass with argon

Natural Sun Low-E insulating dual- or triple-pane glass with argon

SunDefense™ Low-E insulating dual- or triple-pane glass with argon

Additional Glass Options

Tempered glass

Laminated (non-impact-resistant)<sup>10</sup> tinted<sup>11</sup> or obscure glass also available on select products

STC (Sound Transmission Class) dual-pane sound control glass<sup>12</sup>

Triple Pane<sup>13</sup>

Foam Insulation Options

Optional foam-insulated frame and sash are available to increase energy efficiency.

Color & Finishes

Frame Colors

Our long-lasting powder-coat finish resists chipping and fading and meets AAMA 624, which is a highly-rated fiberglass finish that will never need to be repainted or refinished.

Solid-Color:

White

Brown

Black

Dual-Color:<sup>14</sup>

White Interior with Brown Exterior

White Interior with Black Exterior

Window Hardware

Casement & Awning

The patent-pending Easy-Slide Operator is a revolutionary way to operate casement and awning windows. Simply slide to open, without the effort of cranking. With precision venting technology, the window will open to an exact location. Or select the fold-away crank, that folds neatly away, against the window frame. Neither solution will interfere with roomside window treatments.

Easy-Slide Operator

Fold-Away Crank

Color-Matched Finishes:

White

Brown

Matte Black

Additional Finish:<sup>15</sup>

Satin Nickel

Sliding, Single & Double-Hung

Pella’s cam-action lock pulls the sashes against the weatherstripping on single-hung, double-hung and sliding windows for a tighter seal.

Cam-Action Lock

Color-Matched Finishes:

White

Brown

Matte Black

Additional Finish:

Satin Nickel

Bright Brass

Oil-Rubbed Bronze

Grilles

Grilles are color-matched to window or patio door interior and exterior frame color.

Aluminum Grilles- Between-the-Glass ¾”<sup>16</sup>

Applied Grilles<sup>17</sup>

1, 2, 4, 7, 8, 9, 10, 11, 12, 13 See back cover for disclosures.

14, 15, 16, 17 See back cover for disclosures.

# Patio Door Hardware

## Sliding Patio Door

Elevate a home’s style with sleek hardware selections.



Sliding Patio Door Handle

Color-Matched Finishes:



White



Brown



Matte Black

Additional Finish:



Satin Nickel

## Secure Vent Lock

A secure vent lock comes standard on all Pella Impervia sliding doors and provides security in both the closed and venting positions. Secure vent lock is color-matched to the interior of the frame.



Secure Vent Lock

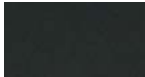
Color-Matched Finishes:



White



Brown



Matte Black

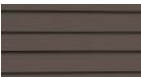
# Patio Door Blinds

## Blinds-Between-the-Glass<sup>18</sup>

Give your homeowners more privacy by adding blinds-between-the-glass. Located between panes of glass, blinds are protected from dust, dirt and damage.



White



Slate Gray



Espresso

<sup>1</sup> Pella's proprietary fiberglass material has displayed superior strength over wood, vinyl, aluminum, wood/plastic composites, and other fiberglass materials used by leading national brands in tensile and 3-point bend tests performed in accordance with ASTM D638 and D790 testing standards.

<sup>2</sup> Impact testing performance based on testing 10 samples of each material using ASTM D256, Method C.

<sup>3</sup> Pella® Impervia® windows and patio doors have a performance class of LC or higher. For information on product ratings see [www.pella.com/performance](http://www.pella.com/performance).

<sup>4</sup> In testing performed in accordance with ASTM testing standards, Pella's fiberglass has displayed superior performance in strength, ability to withstand extreme heat and cold and resistance to dents and scratches. Special shape windows are made from a fiberglass resin material.

<sup>5</sup> See written limited warranty for details, including exceptions and limitations, at [installpella.com/warranties](http://installpella.com/warranties)

<sup>6</sup> Tensile testing performance based on testing 7 samples of each material using ASTM D638 test methodology.

<sup>7</sup> 3-point bend testing performance based on testing 10 samples of each material using ASTM D790 test methodology.

<sup>8</sup> Optional high-altitude Low-E insulating glass available with or without argon on select products.

<sup>9</sup> Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to [energystar.gc.ca](http://energystar.gc.ca).

<sup>10</sup> For best performance, the laminated glass may be in the interior or exterior pane of the insulating glass, depending on the product.

<sup>11</sup> Available with Advanced Low-E insulating glass with argon with bronze, gray or green tint on select products.

<sup>12</sup> Sound control glass consists of dissimilar glass thickness (3mm/5mm or 5mm/3mm).

<sup>13</sup> Available on direct set, awning and casement windows and sliding patio doors. Not available with Advanced Comfort Low-E glass.

<sup>14</sup> Available early 2023.

<sup>15</sup> Only available for fold-away crank.

<sup>16</sup> Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

<sup>17</sup> Available on direct set windows only.

<sup>18</sup> Available on all two-panel and select sizes for three- and four-panel sliding patio doors only.

**It's Possible<sup>™</sup>  
to fall in love  
with your  
home again.**

Michigan, Chicago & Ohio Product Catalog



Hardie® Plank Smooth Iron Gray



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Hardie® Trim  
Batten  
Rustic Grain  
Iron Gray

# Now is the time to bring your vision to life.

With endless design possibilities that embody your aesthetic, no matter how unique, Hardie® fiber cement exterior solutions give your home a beautiful design without having to sacrifice durability and protection. Trusted by homeowners on over 10 million homes\* from coast to coast, and rated the #1 brand of siding in North America, it's clear that the vast product offerings from James Hardie can make the home you've always wanted possible. **Revel in the beauty of your home's gorgeous exterior with the unprecedented peace of mind that only Hardie® products can provide.** With James Hardie, your dream home is possible.

## ENDLESS DESIGN POSSIBILITIES

With a wide variety of colors, products and textures, you can create the personalized home exterior design that reflects your unique style – and that you'll love for years to come.

## TRUSTED PROTECTION

From non-combustible fire resistance to resisting pests, moisture and extreme weather, Hardie® fiber cement helps protect your home and everything you cherish.

## LONG-LASTING BEAUTY

Enjoy the peace of mind that comes with a low-maintenance exterior, backed by a 30-year non-prorated substrate warranty.\*\*

\*Estimate based on total Hardie® siding sales through 2022 and average housing unit size. \*\*30-Year limited non-prorated substrate warranty for Hardie® siding and soffit products. 15-Year non-prorated limited substrate warranty for Hardie® Trim products. ColorPlus® Technology finishes have a 15-year prorated limited finish warranty.



ENDLESS DESIGN POSSIBILITIES







**Endless  
design  
possibilities.**

**Endless ways  
to express  
yourself.**



# Products and colors that complement any style.

With a wide portfolio of products and over 700 pre-finished colors, creating your perfect design style is possible with Hardie® products.

## Modern

Whether you crave clean lines and sleek profiles or bold hues, you'll find the perfect colors and styles to add a modern flair to your home that will be sure to make a lasting statement in your neighborhood.

## Transitional

Transitional styles beautifully combine contemporary and traditional elements to create a design style that stands out. Mix your favorite profiles and colors to create a fresh look you'll love for years.

## Traditional

Traditional homes offer timeless beauty that never goes out of style. Achieve the perfect balance between your home's character and your personal style with a variety of colors and products that add undeniable charm.



Hardie® Shingle Cobble Stone  
Hardie® Trim Arctic White









# Statement Collection™ Products

It's your turn to let your home stand out with our Statement Collection™ products. Curated by our design experts, this collection of Hardie® siding and trim products with ColorPlus® Technology finishes are unique to your home's region. This gorgeous selection is locally stocked in your area, making it easier than ever to find the exterior style of your dreams.

## COLORPLUS® TECHNOLOGY

ColorPlus® Technology finishes combine distinct beauty and high performance in a way that no other finish does. They're the easiest way to choose a gorgeous pre-finished color for your house, and feel confident in its staying power.

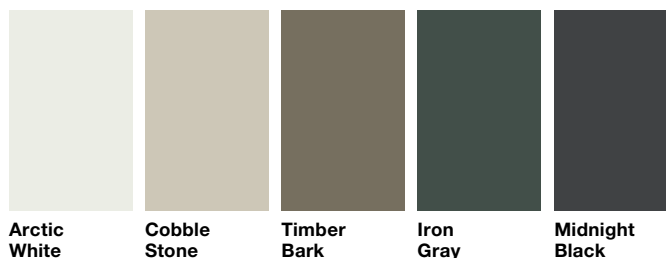


Scan code  
to request a  
sample.

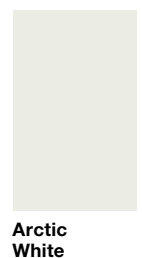
## Hardie® Plank, Hardie® Panel, Hardie® Shingle and Hardie® Trim Batten Color Offering



## Hardie® Trim Color Offering



## Hardie® Soffit Color Offering



## Hardie® Plank

**Thickness** 5/16 in  
**Length** 12 ft planks

### Select Cedarmill®

**Width** 7.25 in 8.25 in

**Exposure** 6 in 7 in

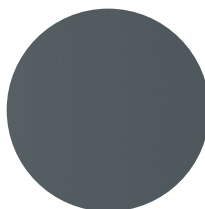
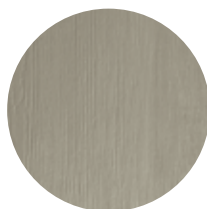


## Hardie® Panel

**Thickness** 5/16 in

### Select Cedarmill® & Smooth

**Size** 4 ft x 10 ft



## Hardie® Shingle

**Thickness** 1/4 in  
**Length** 48 in

### Straight Edge Panel

**Height** 15.25 in

**Exposure** 7 in



### Staggered Edge Panel

**Height** 15.25 in

**Exposure** 6 in



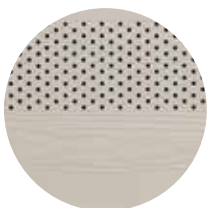
## Hardie® Soffit

**Thickness** 1/4 in

### Vented and Non-Vented Select Cedarmill®

**Width** 12 in

**Length** 12 ft



## Hardie® Trim

**Length** 12 ft

### 4/4 Smooth

**Thickness** .75 in

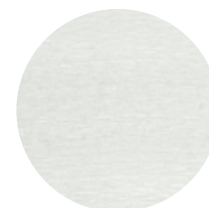
**Width** 3.5 in\* 5.5 in 7.25 in 9.25 in\* 11.25 in\*

### 5/4 Smooth

**Thickness** 1 in

**Width** 3.5 in 5.5 in 7.25 in 9.25 in\* 11.25 in

\*This size is only available in Arctic White



## Hardie® Trim

**Length** 12 ft

### 4/4 Roughsawn

**Thickness** .75 in

**Width** 3.5 in\* 5.5 in\* 7.25 in 9.25 in\* 11.25 in\*

### 5/4 Roughsawn

**Thickness** 1 in

**Width** 3.5 in 5.5 in 7.25 in 9.25 in\* 11.25 in\*

\*This size is only available in Arctic White

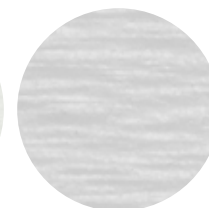


## Batten Boards

### Smooth & Rustic Grain

**Thickness** .75 in

**Width** 2.5 in



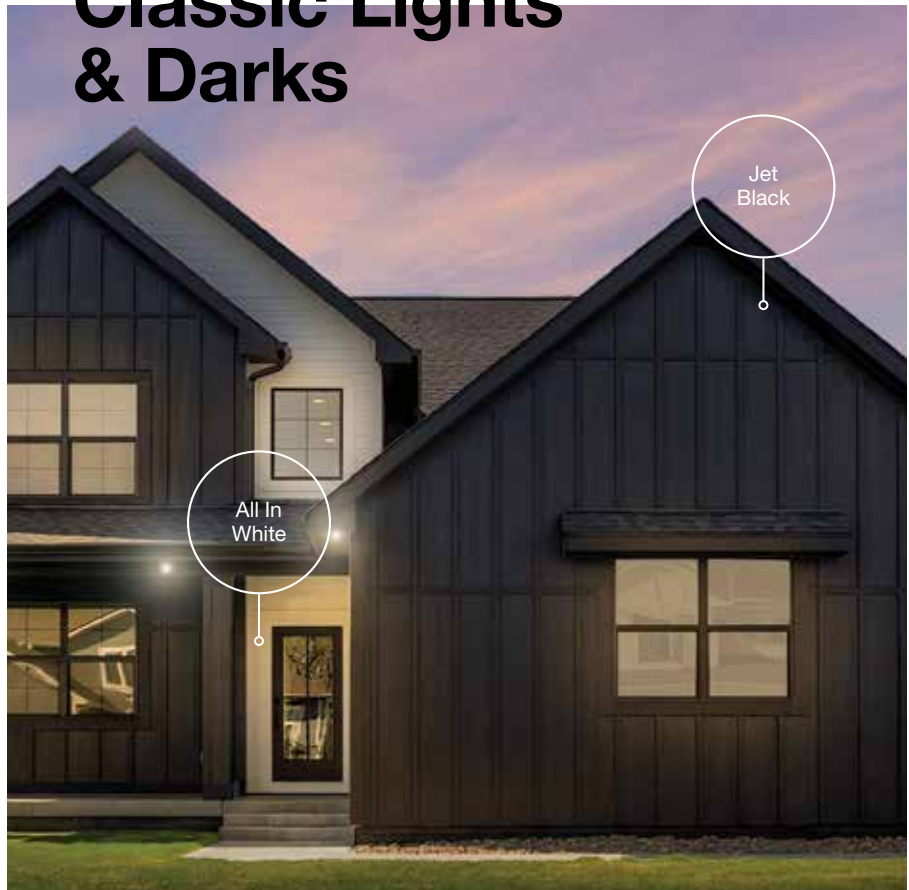
## Dream Collection™ Products

Looking to further express your sense of style? Look to our Dream Collection™ products.

- Featuring a color palette of **over 700 ColorPlus® Technology finishes**
- Made to order in a wide array of Hardie® siding and trim styles
- Matches elevated design flexibility with the uncompromising performance of our fiber cement products

To see the full 700-color range of the Dream Collection™ products, visit [jameshardie.com/dream](https://jameshardie.com/dream)

## Classic Lights & Darks



## Peaceful Pastels



Scan code to view colors and request a product sample.



## Earth Tones



## Blues & Greens



## Grays & Neutrals



# A classic look that stands the test of time.

## Hardie® Plank

From Victorians to Colonials, Hardie® Plank is the perfect siding for your style, and has the durability and long-lasting beauty that can transform your home exterior. With endless gorgeous color and plank pairings available, you'll discover a Hardie® Plank style that transforms your home's aesthetic.

**Hardie® Trim  
Smooth**  
Arctic White

**Hardie® Plank  
Select Cedarmill®**  
Khaki Brown

# Hardie® Plank



Select Cedarmill®



Smooth



Beaded Select Cedarmill®

## Select Cedarmill® & Smooth

Thickness 5/16 in Length 12 ft planks

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*	12 in*
Exposure	4 in	5 in	6 in	7 in	8 in	10.75 in
Prime Pcs/Pallet	360	308	252	230	190	152
ColorPlus® Pcs/Pallet	324	280	252	210	—	—
Pcs/Sq.	25.0	20.0	16.7	14.3	12.5	9.3

## Select Cedarmill®

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Statement Collection™			•	•	
Dream Collection™	•	•	•	•	
Prime	•	•	•	•	•

## Smooth

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Statement Collection™					
Dream Collection™	•	•	•	•	
Prime	•	•	•	•	•

## Beaded Select Cedarmill

Width	8.25 in
Exposure	7 in
ColorPlus® Pcs/Pallet	210
Pcs/Sq.	14.3
Statement Collection™	
Dream Collection™	•
Prime	

\*9.25 in and 12 in widths do not feature the drip edge



# Classic cedar style in cutting-edge material.

## Hardie® Shingle

Restore the look of your grand Cape Cod home or add distinction to your handsome bungalow. Hardie® Shingle embodies the enchanting look of cedar shingles with lower maintenance. You can create your perfect exterior style using Hardie® Shingle around your entire home, or place it in accent areas for an added boost of charm you'll love.

Better than the real thing, Hardie® Shingle resists rotting, curling, warping and splitting.



# Hardie® Shingle



**Staggered Edge Panel**

## Staggered Edge Panel

<b>Length</b>	48 in
<b>Height</b>	15.25 in
<b>Exposure</b>	6 in
<b>Prime Pcs/Pallet</b>	100
<b>ColorPlus® Pcs/Pallet</b>	100
<b>Sq/Pallet</b>	2
<b>Pcs/Sq.</b>	50.0

**Statement Collection™** •

**Dream Collection™** •

**Prime** •



**Straight Edge Panel**

## Straight Edge Panel

<b>Length</b>	48 in
<b>Height</b>	15.25 in
<b>Exposure</b>	7 in
<b>Prime Pcs/Pallet</b>	86
<b>ColorPlus® Pcs/Pallet</b>	86
<b>Sq/Pallet</b>	2
<b>Pcs/Sq.</b>	43.0

**Statement Collection™** •

**Dream Collection™** •

**Prime** •

# Designed for versatility and beautiful performance.

## Hardie® Panel

Hardie® Panel delivers style and substance. When combined with Hardie® Trim Batten, it achieves the rustic board-and-batten look that defines your charming cottage or modern farmhouse. Its crisp, clean lines and ability to pair beautifully with other siding products make Hardie® Panel a smart choice for the home of your dreams.

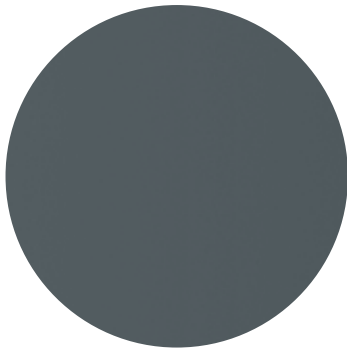




# Hardie® Panel



Select Cedarmill®



Smooth



Stucco



Sierra 8

## Select Cedarmill®, Smooth, Stucco & Sierra 8

Thickness 5/16 in

Size	4 ft x 8 ft	4 ft x 10 ft	4 ft x 12 ft
Prime Pcs/Pallet	50	50	50
ColorPlus® Pcs/Pallet	50	—	50
Pcs/Sq.	3.2	2.8	2.5

## Select Cedarmill®

Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
Statement Collection™			•
Dream Collection™	•		•
Prime	•	•	•

## Smooth

Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
Statement Collection™			•
Dream Collection™	•		•
Prime	•	•	•

## Stucco

Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
Statement Collection™			
Dream Collection™	•		•
Prime	•	•	•

## Sierra 8

Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
Statement Collection™			
Dream Collection™			
Prime	•	•	•

# A finished look starts with beautiful trim.

## Hardie® Trim

Form meets function at every intersection with Hardie® Trim boards. With an authentic look, Hardie® Trim boards provide design flexibility for columns, friezes, doors, windows and other accent areas.

With higher performance to withstand damage from the elements compared to wood trim, Hardie® Trim is the perfect option for a long-lasting home. Hardie® Trim is a low-maintenance and durable accent for your exterior — adding an extra component of beauty to your home.



Hardie® Trim  
Smooth  
Arctic White

Hardie® Shingle  
Straight Edge  
Panel  
Pearl Gray

# Hardie® Trim



## 4/4 Roughsawn

Thickness .75 in

Length 12 ft boards

Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	312	208	156	104	104
ColorPlus® Pcs/Pallet	312	208	156	104	104
Statement Collection™	AW	AW	•	AW	AW
Dream Collection™	•	•	•	•	•
Prime	•	•	•	•	•



## 4/4 Smooth

Thickness .75 in

Length 12 ft boards

Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	312	208	156	104	104
ColorPlus® Pcs/Pallet	312	208	156	104	104
Statement Collection™	AW	•	•	AW	AW
Dream Collection™	•	•	•	•	•
Prime	•	•	•	•	•

## 5/4 Roughsawn

Thickness 1 in

Length 12 ft boards

Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	240	200	180	120	80	80
ColorPlus® Pcs/Pallet	240	200	180	120	80	80
Statement Collection™	•		•	•	AW	AW
Dream Collection™	•	•	•	•	•	•
Prime	•	•	•	•	•	•

## 5/4 Smooth

Thickness 1 in

Length 12 ft boards

Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	240	200	160	120	80	80
ColorPlus® Pcs/Pallet	240	200	160	120	80	80
Statement Collection™	•		•	•	AW	•
Dream Collection™	•	•	•	•	•	•
Prime	•	•	•	•	•	•

## Batten Boards

Thickness .75 in

Length 12 ft

Width 2.5 in

Prime Pcs/Pallet 437

ColorPlus® Pcs/Pallet 190



### Rustic Grain

Statement Collection™	•
Dream Collection™	•
Prime	•



### Smooth

Statement Collection™	•
Dream Collection™	•
Prime	•



# Protection in every detail, complete confidence in every area.

---

## Hardie® Soffit

Every part of your home's exterior matters. With Hardie® Soffit panels, you can live confidently, knowing that gaps between eaves and exterior walls are covered to provide trusted protection.

### DID YOU KNOW?

Using vented soffit improves ventilation and reduces the chance of water-vapor condensation that can promote mold, mildew and stains and which can damage your home's framing over time.

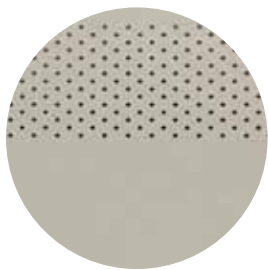
In warm climates, vented soffit allows hot, humid air to escape, which not only helps prevent condensation in the attic, but also helps reduce air-conditioning costs.

In cool climates, vented soffit helps prevent condensation from forming on the interior side of the roof sheathing and reduces the chances of roof-damaging ice dams.

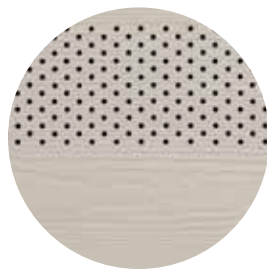


Hardie® Soffit  
Vented Smooth  
Arctic White

# Hardie® Soffit



**Vented  
Smooth**



**Vented  
Select Cedarmill®**



**Non-Vented  
Smooth**



**Non-Vented  
Select Cedarmill®**

Thickness 1/4 in

<b>Length</b>	12 ft	12 ft	8 ft	8 ft
<b>Width</b>	12 in	16 in	24 in	48 in
<b>Prime Pcs/Pallet</b>	200	150	100	50
<b>ColorPlus® Pcs/Pallet</b>	216	156	108	—

## Vented Smooth

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
<b>Statement Collection™</b>			
<b>Dream Collection™</b>	•	•	•
<b>Prime</b>	•	•	•

## Non-Vented Smooth

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
<b>Statement Collection™</b>			
<b>Dream Collection™</b>	•	•	•
<b>Prime</b>	•	•	•

## Vented Cedarmill®

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
<b>Statement Collection™</b>	•		
<b>Dream Collection™</b>	•	•	•
<b>Prime</b>	•	•	•

## Non-Vented Cedarmill®

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
<b>Statement Collection™</b>	•		
<b>Dream Collection™</b>	•	•	•
<b>Prime</b>	•	•	•

**Complete Exterior  
by James Hardie™**

**Confidence and  
beauty all around.**



Scan code to visualize  
Hardie® products on  
your home.







Top to bottom, our exterior product line is defined by high performance, aesthetics and design options.

With a Complete Exterior by James Hardie™, you can bring your dream home to life without having to choose between protection and long-lasting beauty. Using products from a single, trusted manufacturer that offers exceptional warranties, you'll have complete peace of mind, so you can sit back, relax and enjoy your home's exterior.



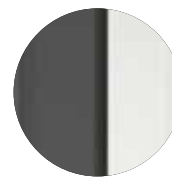
**Hardie® Shingle**



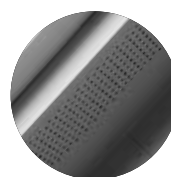
**Hardie® Panel &  
Hardie® Trim Batten**



**Hardie® Plank**



**Hardie® Trim Boards**



**Hardie® Soffit**

**Durability  
you can trust.**

**Protection  
you can feel.**







# Tougher than the elements.



## Fire

A home's exterior is its first line of defense against extreme weather and fire. Prepare your home for the unpredictable with siding that is non-combustible, won't burn and is recognized by fire departments nationwide.\*

- Listed for use in wildfire-prone Wilderness Urban Interface (WUI) zones in the western US.

### Cal-Fire Compliant

Fiber Cement Siding



\*Hardie® siding complies with ASTM E136 as a noncombustible cladding and is recognized by fire departments across the U.S. including Marietta, GA, Flagstaff, AZ and Orange County, CA. Fiber cement fire resistance does not extend to applied paints or coatings, which may be damaged or char when exposed to flames.





## Pests

Mother Nature's creatures can wreak havoc on wood-based siding. It can be pecked by birds or damaged by termites or other pests. Hardie® fiber cement holds no appeal for these critters, saving you the maintenance hassle.



## Mother Nature

Your siding is exposed to Mother Nature all day, every day. You deserve to feel confident that it can hold its own throughout it all — from the changing seasons to extreme weather.

- FEMA Class 5 flood damage resistance (highest rating)
- Rated for use in High Velocity Hurricane zones by Miami-Dade County, Florida



## Water Resistant

From rain to ice to snow, Mother Nature's precipitation patterns leave wood exteriors at risk to cracking, swelling and warping. Take shelter from the storm knowing that your siding is built to resist water damage.



## Time

ColorPlus® Technology finishes provide a durable finish that helps resist fading and discoloration that other paint applications may see more quickly over time, so your exterior can keep its good looks longer.



# Exterior solutions inspired by nature and designed to help protect your home from it.

## Hardie™ Zone System

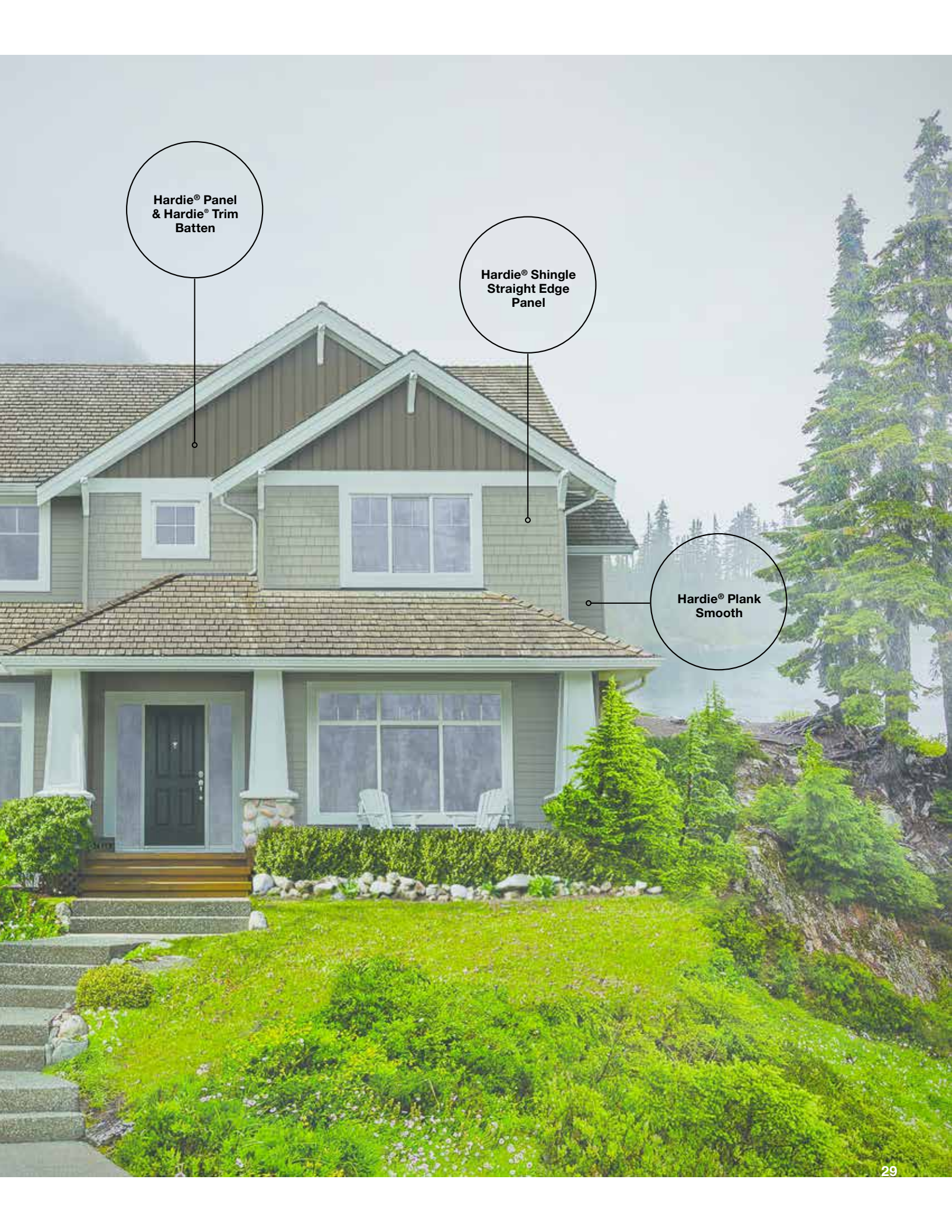
Only Hardie® fiber cement exterior products are Engineered for Climate®, designed specifically with your climate zone in mind for optimal performance. In the northern USA and Canada, HZ5® products resist shrinking, swelling and cracking in wet or freezing conditions. HZ10® products help protect homes from hot, humid conditions, blistering sun and more.

With Hardie® siding and trim, your home's exterior will be as tough as it is beautiful.



Hardie® Trim  
Smooth





**Hardie® Panel  
& Hardie® Trim  
Batten**

**Hardie® Shingle  
Straight Edge  
Panel**

**Hardie® Plank  
Smooth**



# The highest-quality materials for your highest satisfaction.

## Unique Formulation HZ5® Substrate

Not all fiber cement is the same. The Hardie® HZ5® product formulation contains the highest-quality raw materials. Our unique formulation, combined with innovative product design and manufacturing processes, creates a substrate that is specifically engineered to resist moisture, cracking, shrinking and swelling, for increased durability and workability.

### Proprietary enhancements create durable Hardie® siding

#### Perfect balance of strength and workability

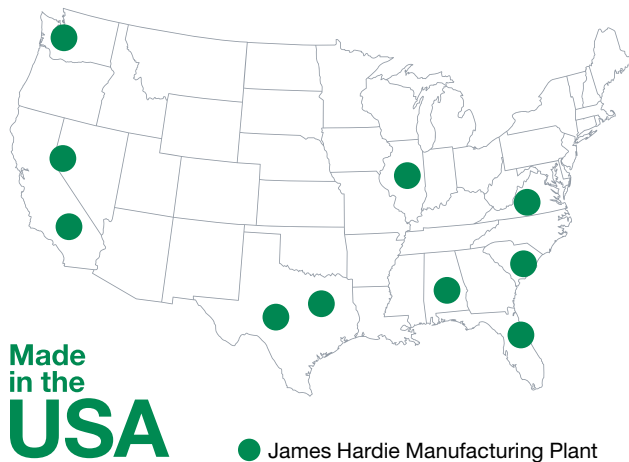
Our balance of high-quality Portland cement, sand and cellulose fiber delivers the best combination of strength and workability.

#### Enhanced moisture resistance for unmatched durability

Patented and proprietary additives are chemically bonded within the HZ5® substrate matrix to provide durable moisture resistance. In addition, Hardie® Plank in HZ5® substrates come with a drip edge to provide improved water management.

#### Increased dimensional stability

Our siding is engineered at the microscopic level to create a fiber cement composite with superior dimensional stability that helps protect against shrinking and splitting.







## Unmatched investment in manufacturing scale and production innovation

- Largest manufacturer of fiber cement in North America
- 5x more capacity than our largest competitor
- More than 100 process and product quality checks
- 100+ scientists and engineers providing dedicated resources for continuous innovation in manufacturing and product development
- More U.S. fiber cement patents than any competitor



# Building sustainable communities.

## Sustainability is built into our DNA.

At James Hardie, our business is about building better communities that have a lower impact on our environment and are built to last. We operate with a global mindset and at the same time take great care in how our business affects households, our James Hardie community, the local communities in which we live and operate, and across the largest shared community of all, our global ecosystem. Building sustainable communities is at the forefront of our strategy and integral to our success.



- ↑ Global Impact
- ↑ Community Impact
- ↑ James Hardie
- ↑ Homeowner



Scan code to find out more about our sustainability efforts.





## Adding value to our communities

We recognize our ability to impact the communities in which we live and work. While maintaining a global mindset, we put great care into how our business affects local communities. We contribute by sourcing, employing, delivering and giving locally.

## Creating an impact

We invest in the local community and aim to locate the plants close to suppliers, customers and potential new employees, as well as sustainable transportation opportunities.

CONTRIBUTED

**\$1.42B**

To communities  
in which we operate

HIRED

**75%**

From the local  
communities in  
which we operate

SOURCED

**80%**

Of raw materials  
locally

DELIVERED

**65%**

Of manufactured  
products locally

## The right kind of impact

Having a sustainable impact means minimizing our impact on the environment while supporting resilient local communities. We are committed to minimizing our environmental impact, prioritizing the management of waste, water, energy and emissions.

## 2030 goals



### Energy & Emissions

We aim to minimize our Scope 1+2 Greenhouse gas intensity by 40% from 2019 baseline.



### Waste

We aim to minimize manufacturing waste intensity by 50% from 2019 baseline.



### Water

We aim to increase water recycling by 20 Million cubic feet/year from 2019 baseline.



### Environmental Product Declarations

We aim to have 80% of revenue from products with Environmental Product Declarations (EPD).

\*Above statistics are the James Hardie impact from fiscal year 2022.

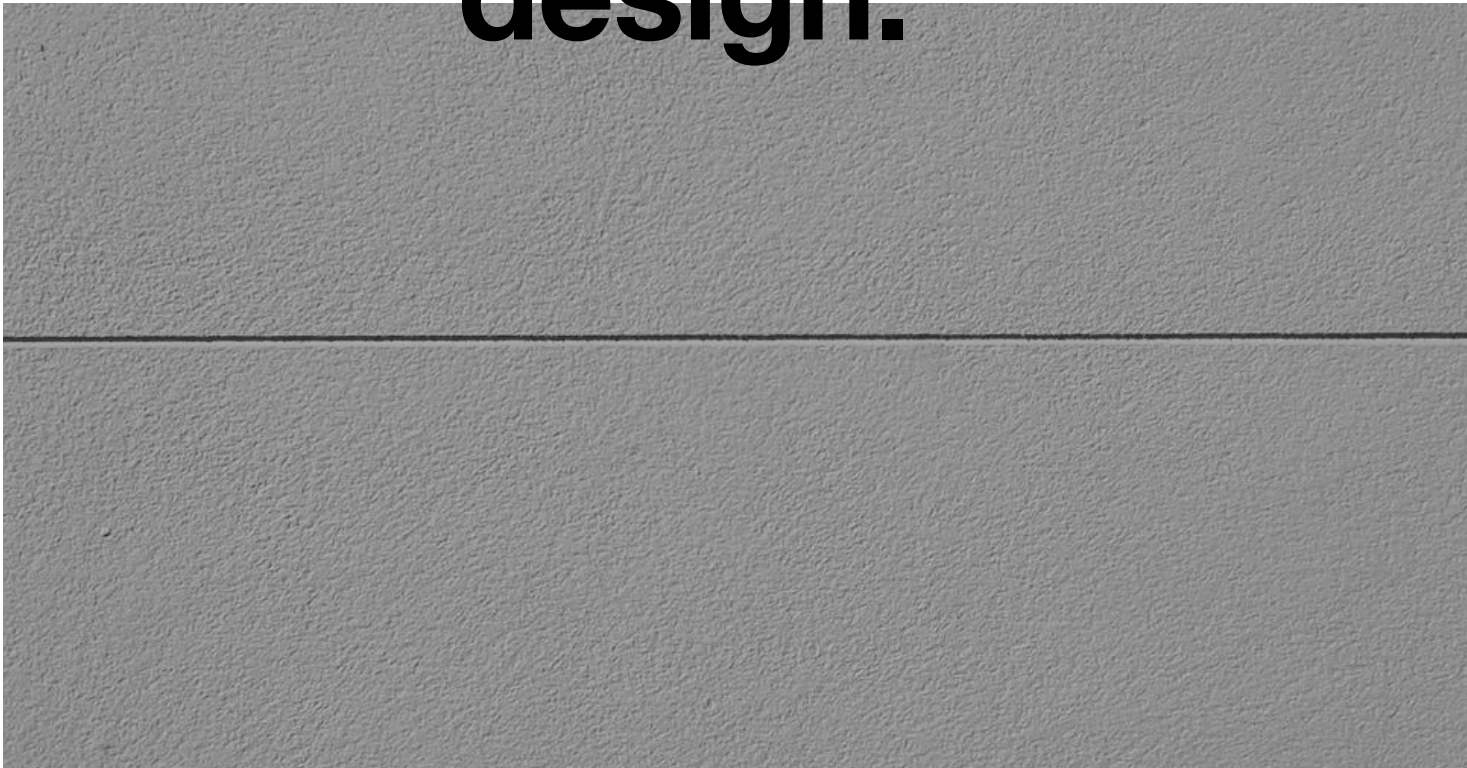
LONG-LASTING BEAUTY







**Long-lasting  
beauty by  
design.**



LONG-LASTING BEAUTY

# Beauty begins with a finish that lasts.



Hardie® Shingle  
Straight Edge  
Panel  
Eden Green

## ColorPlus® Technology

ColorPlus® Technology finishes are fully cured on our boards in a controlled factory environment and arrive at your home ready for installation year-round. With prefinished color products, you'll have peace of mind, knowing you'll have a more consistent color and finish that doesn't depend on good weather.

With over 700 colors available, ColorPlus® Technology finishes offer endless design possibilities and help keep your home looking beautiful longer.





# Finishing Technology

## Primer

A quality primer is the first step to ensuring that the paint color you select expresses your home's true beauty now – and for years to come. Our distinctive primer is climate tested and engineered to enhance the performance of paint on Hardie® fiber cement exterior solutions. It helps to provide consistent, long-lasting paint adhesion, even in the most demanding conditions.

## ColorPlus® Technology

Our advanced ColorPlus® Technology finishes deliver the ultimate in aesthetics and performance. Our products aren't simply painted at the factory. Our proprietary coatings are baked onto the board, creating a vibrant, consistent finish that performs better, lasts longer and looks brighter on your home.

Hardie® Trim  
Smooth  
Arctic White



### Exceptional finish adhesion

Our proprietary coatings are engineered for exceptional adhesion to our substrate and applied to the surface, edges and features for durable performance.



### Superior color retention

The finish is cured onto boards for a stronger bond, which allows for exceptional resistance to cracking, peeling and chipping.



### Superior UV resistance

ColorPlus® Technology finishes are engineered to retain vibrancy and reduce fade or discoloration from UV rays.



# Unparalleled beauty with unparalleled performance.

## See the James Hardie difference

James Hardie invented modern fiber cement. Trusted by homeowners on over 10 million homes\*, we continue to set the standard in premium, high-performance exterior cladding. Our products deliver uncompromising durability and finish quality for a beautiful, lower maintenance exterior.

Our unrivaled investment in R&D and constant innovations in product design, manufacturing and distribution allow us to remain steps ahead of the competition. With the support of our employees and partners, and with our exceptional warranties, we're committed to helping protect your home and investment every step of the way.



\*Estimate based on total Hardie® siding sales through 2022 and average housing unit size.







**Hardie®Trim**  
**Smooth**  
Arctic White

## Warranty — for peace of mind

**Help protect your home with North America's #1 brand of siding, backed by exceptional warranties.**

Unlike other brands, James Hardie doesn't prorate our siding and trim substrate warranty coverage.

We stand 100% behind our siding for 30 years and our trim for 15 years.

- Hardie® siding and soffit products come with a 30-year non-prorated limited substrate warranty.
- Hardie® trim products come with a 15-year non-prorated limited substrate warranty.
- ColorPlus® Technology finishes come with a 15-year prorated limited finish warranty.

### Non-Prorated Siding Substrate Warranty Coverage by James Hardie



Year  
**10**



Year  
**20**



Year  
**30**

## Endorsements — a reputation built on trust

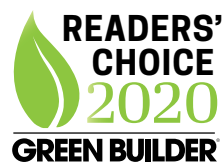
For decades, our fiber cement products have been used to create better places to live. Each new home stands as a testament to our uncompromising quality. That proven track record has earned us the loyalty of millions of homeowners and the endorsements of trusted authorities across the building industry.



Featured on  
**Magnolia Network's Fixer Upper:**  
*Welcome Home 2021*



Featured on  
**HGTV's**  
*Urban Oasis 2022*



**Green Builder Magazine**  
Readers' Choice,  
"Most Sustainable Product" 2020



# Make your home stand up and stand out.

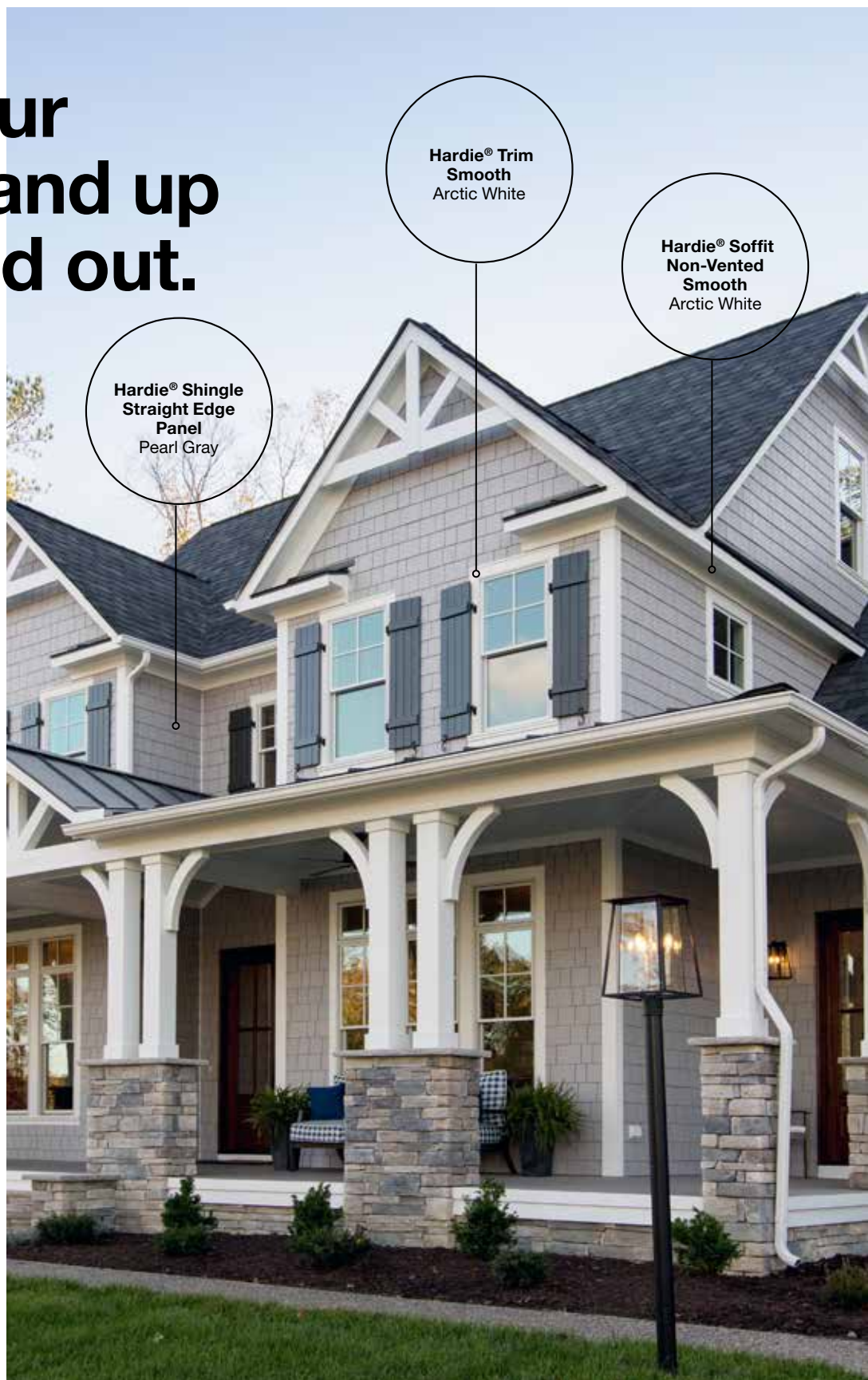
## #1 Return on Investment\*

Re-siding with fiber cement siding provides the #1 return on investment of any major exterior remodeling projects.

COST vs VALUE 2021



Scan code to view the Cost vs. Value Report.



\*Remodeling magazine 2021 Cost vs Value Report, national data for exterior home replacement projects over \$15,000. © 2021 Hanley Wood, LLC. Complete data from the Remodeling 2021.

FOR THE PROS

# Protection that performs at every layer.

## Hardie™ Weather Barrier

No exterior cladding can prevent 100% of water intrusion. Your home should have an additional line of defense. Hardie™ Weather Barrier provides a superior balance of water resistance and breathability, keeping the area within the wall drier. This helps prevent moisture accumulation that may lead to mold and mildew growth.



INSTALLATION ADVANTAGES

- Thicker, more durable material for easier, quicker installation
- Superior tear resistance helps prevent water infiltration
- Can be installed with staples in place of cap nails for cost savings
- Provides a higher level of performance, no matter what type of cladding you specify

Weather Barrier

Thickness	11 mil		
Length	100 ft	100 ft	150 ft
Width	3 ft	9 ft	9 ft

Flex Flashing

Thickness	60 mil	
Length	75 ft	75 ft
Width	6 in	9 in

Pro-Flashing

Thickness	20 mil		
Length	75 ft	75 ft	75 ft
Width	4 in	6 in	9 in

Seam Tape

Thickness	3.2 mil	
Length	164 ft	
Width	1-7/8 in	

# Installation Done Right

## INSTALLATION ACCESSORIES

### Hardie™ Blade Saw Blades

Manufactured by Diablo, the Hardie™ Blade saw blade is designed specifically to cut fiber cement products and is the only saw blade James Hardie recommends. The blade creates clean, precise cuts while helping to reduce the amount of airborne dust produced.



### PacTool® Gecko Gauge

The PacTool® Gecko Gauge is designed to improve the installation experience, allowing one person to hang Hardie® Plank lap siding during installation. Studies suggest the Gecko Gauge can improve the speed of solo installation by 30%.



# Finishing Touches

## COLORPLUS® TECHNOLOGY ACCESSORIES

### Touch-Up Kits

Specially formulated to match ColorPlus® Technology finishes, our touch-up kits offer resistance to aging, color change and chalking. Estimated one kit per 4,000 sq ft of siding or 1,600 sq ft of trim.



### Color-Matched Caulk

OSI® QUAD® MAX sealant offers a high-performance sealant solution to color match Statement Collection™ products.\* About 18–20 linear feet per tube. Refer to packaging for manufacturer's recommendations.

\*For matching Dream Collection™ products, contact your local James Hardie representative.

## TRIM ACCESSORIES

### Flat Tabs

Eliminate face nails and improve the aesthetic of trim applications around windows, doors and band boards.

### Corner Tabs

Use corner tabs to eliminate face nail holes that would detract from the finished look of corner trim installations.



Scan code to  
view install  
and technical  
documents.





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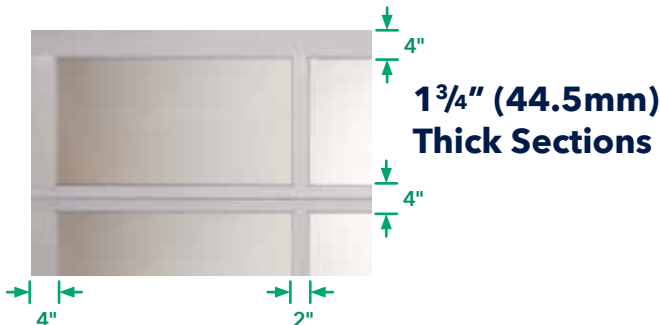


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## CA-320, CA-320i & CA-320ix 1 3/4" COMMERCIAL ALUMINUM DOOR

### SERIES FEATURES

- 1 3/4" (44.5mm) - Thick Sections
- .045" - .070" Commercial Grade Aluminum
- Rust and Corrosion Free
- Tongue and Groove Section Joints with Bulb Seal meet IECC Air Infiltration
- Insulated Rail option with Calculated R-Values of 3.4 for 1/2" Insulated Glass, up to 4.4 for 1/2" Insulated Solarban 70 with Argon Gas
- 3 Anodized Color Options
- 8 Painted Color Options
- 13 Wood Grain Color Options
- Custom-matched Color and Powder Coating available
- Wide variety of glass/glazing materials available and 5 Impact Options
- Stucco Embossed or Smooth Aluminum solid panel sections also available



### AVAILABLE COLORS



Colors are not exact due to the differences in monitor and printer calibrations. For accurate color samples, contact Haas Door for a metal color selector.

### MODEL FEATURES

- Insulated Rail Option with end caps  
(Polystyrene filled stiles and rails)
- Heavy-duty Frame with expanded sizes
- Pass Door Option  
(Wood Grain colors, Wind Load, and Impact Rated not available. Not a legal exit or ADA compliant)



### GLASS & GLAZING OPTIONS

- CA-320: 1/8", 3/16"
- CA-320i & CA-320ix: 1/4", 1/2" Impact : 1/4"

#### Insulated Options:

Clear/Clear  
Light Gray/Clear  
Dark Gray/Clear  
Bronze/Clear  
Clear Low-E  
Clear/Solarban 70

Clear/Frosted  
Light Gray/Frosted  
Dark Gray/Frosted  
Bronze/Frosted  
Dark Gray/Dark Gray  
Obscure/Clear

#### Non-Insulated Options:

Clear  
Light Gray  
Dark Gray  
Bronze  
Frosted  
Clear Lexan

Obscure  
Clear DSB  
Frosted DSB  
Wire  
Frosted Safety Laminate  
Clear Safety Laminate  
Reflective Bronze

#### Impact Polycarbonate Options:

Clear  
Dark Gray  
Bronze  
Pebble  
Frosted

### CA SERIES LINKS

Click links for info.

[HOMEPAGE](#)

[BIM](#)

[BROCHURE](#)

[SPECS](#)

[GALLERY](#)

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[CAD](#)

[CATALOG](#)

Rev. 2.9 – December 2022

## PY 2022 Critical Infrastructure Condition Certification

**Instructions:** Please answer the questions below with as much detail as necessary; feel free to insert answers after each question in the Word file. Additional documentation to support claims made is recommended. Questions 1-13 must be reviewed and certified by a Professional Engineer. The Engineer must stamp the document with his/her professional seal along with the certification signature at the end of this form.

### Current Infrastructure Condition

1. What is the current condition of the infrastructure?

*Critical: Condition on infrastructure has failed or there is an imminent threat of failure, and/or infrastructure has a documented health hazard or detriment to public safety. A state or local agency may have issued one or more findings or recommendations.* This rating is given because Fire Station 1 is no longer capable of supporting the level of service that it was designed for due to growth of the City, changes in technology and equipment, and better knowledge of hazards to fire-fighters in these facilities.

2. In years, what is the present useful life of the infrastructure?

0 – The current facility is past its present useful life as designed for at the time of construction in 1961. With renovation and expansion, existing facility space can effectively be repurposed for different uses (per scope) to support expanded operations. Renovation provides the lowest-cost opportunity to resolve current deficiencies.

3. When was the infrastructure last improved?

*(Describe the nature of the improvements and the anticipated useful life of the infrastructure when the last improvements were completed. If no improvements have been made, please explain the barriers to improving the existing infrastructure.)*

There have been multiple repairs and updates made through the years. The last major overhaul occurred approximately 18 years ago which incorporated a pitched roof with above-ceiling storage and a generator system. Electrical panels, HVAC, and other utility systems have had upgrades, but remain reliant on older plumbing, conduit, and improperly-sized channels that continue to naturally age. Within the past eight years, adjustments were made to improve privacy for restrooms and locker rooms. Space remains constrained for current staffing, which will need to increase at least 25% to sustain anticipated operations.

4. Describe the current condition of the infrastructure.

*(How is the infrastructure substandard and not meeting its intended use? What has caused the infrastructure's current condition?)*

Station #1 is adequately located but needs renovations to comply with Building Code & Fire Service Standards to remedy its poor design layout, extreme lack of space, and aging & deteriorating building infrastructure. The facility is **continually** staffed with a minimum of five, maximum of eight, fire-fighters operating a 3-shift, 24-hour California Swing, and will need to increase by **at least 25%** in the near-term to meet anticipated needs (3,500 EMS runs, 1,100 fire runs). This need was first identified in the City's 2007 Strategic Study and Proposed Masterplan for the Fire Division (conducted by Gary Snyder of ARC) which stated that "the existing stations are under sized and lack appropriate configuration, resources, and



quarters for full-time operations. Following through the steps of the masterplan, the City embarked on efforts to increase fire coverage with three stations. In 2020, the City selected the project's design phase with Mull & Weithman (M&W), a firm selected based on their considerable experience in fire station renovations. Additionally, M&W utilized a holistic approach to the design. This approach considered the needs of the community, firefighters, and administration. They conducted several internal surveys to determine the current and future needs for the fire station while fitting them all within our tight footprint & budget. The City also established a renovation committee to identify concepts to narrow down our needs for current operations and growth for the next 15 years.

When Fire Station 1 was built 61 years ago, technology was less advanced, equipment smaller, certain health hazards unknown, and staffing needs were different as call volumes and service demand were vastly lower. Modern equipment is larger with new safety and response features. (Fire Station 1 supports 1 fire engine, a 100-ft aerial ladder engine, 2 ambulance, a battalion vehicle (F150 truck) and one utility truck (F-250)). Call volumes are greater, due in part to an increase in lower-income population in south Wooster, with 3,500 anticipated EMS runs and 1,100 anticipated fire runs. New technologies for both facilities and practices set higher levels of service both from a building systems standpoint and fire-fighting operations standpoint, Fire Station 1's original spacing, materials, and layout have gone from being supportive when first constructed to detrimental today. These deficiencies are:

- **Lack of Space**
  - No functional work space as is necessary for modern fire-fighting functions.
  - Workout area, repair, and maintenance area and IT equipment all contained in one room.
  - Inadequate and unsecured staff locker area.
  - Emergency & Prevention equipment is sitting outside.
  - Land locked with limited parking
- **Aging-Deteriorating Building**
  - Water damage
  - Draining and Plumbing problems
  - Inadequate electrical and IT systems for current technology and equipment (Main electrical break blows when generator and automatic transfer switch turns on and will not switch off. Electrical controls need to be properly sized.
- **Poor Design and Layout**
  - No public receiving area (public must access offices through vehicle bay).
  - Reduced safety & security from the public.
  - No evidence retention area.
  - No training room
  - Inadequate office space and flow.
  - Firefighters currently share co-ed bunk and restroom facilities, in contrast to private individual sleeping quarters supported by modern building code and NFPA standards.
  - Not ADA compliant.
  - Safety and security concern with public entering into apparatus bay.

5. Describe how the current condition of the infrastructure affects the health and/or safety of the service area residents. *(What are the risks to public health caused by the infrastructure or lack of working infrastructure? How does the infrastructure or lack of working infrastructure harm residents' safety? If any pending and real threats exist as a result, list them here.)*

The facility's current condition has created difficulty for staff. Staffed 24/7, 365 days a year with most workers on a 24-hour shift, Fire Station 1 must support immediate deployment of emergency equipment while also providing sufficient life support for its staff fire-fighters. Standards for living and workplace environments have evolved significantly since 1961. However, due to the layout and design of Fire Station 1, staff contend with very close sleeping quarters that have resulted in easier spread of infectious disease and a general lack of basic life support space and privacy that is generally demanded in the industry. Critically, the lack of functional work space presents a strain on operations as work and repair areas are undersized and comingled with life support or other operational spaces. **Such disorganization reduces speeds at which certain functions can be performed.** The extra steps required for staff to access equipment, properly decontaminate, to rearrange comingled spaces in order to recover/train/prepare/work within the facility, takes time away from the actual work and operations required. For residents within Fire Station 1's Primary Service Area, the City's staff continue to provide fast and efficient service despite the risks that the constrained environment presents. However, **public risk continues to grow due to space constraints, lack of efficient operations, and additional demand for resources and staff.** There is also no capacity to add the additional staff members required to meet future needs, posing a genuine risk of sustained increases in response times if not addressed.

6. Describe the impact of the current condition of the infrastructure on the daily lives of the service area residents. *(What are the daily and overall impacts of the infrastructure's current condition on the residents? Please attach supporting documentation to demonstrate the impacts described. Input from residents, public officials, and other stakeholders is encouraged.)*

Wooster Fire's sole mission is to serve the general public, with Fire Station #1 serving historic south Wooster, with an LMI rate of 52.9%. More specifically Wooster Fire prepares for, responds to, and mitigates all calls for emergency service to help the public during an emergency and during their times of need. Wooster Fire responds to approx. 5000 emergency calls for service annually and provides approx. 1700 non-emergency community risk reduction activities annually, with Fire Station 1 supporting the most of any of the City's three station's emergency calls (3,500 annual EMS runs anticipated, 1,100 annual fire runs anticipated. The high concentration of lower-income households, which frequently utilize EMS and hospital in place of primary care, and advanced age of structures posing increased injury and fire risks, contribute to the very high level of service demand). Each one of these request directly benefits the general public. Ohio Intrastate Mutual Aid Compact, an agreement that authorizes Wooster Fire to request and provide assistance to all political subdivisions in Ohio. The current conditions elevate the risks that could impact the speed and quality of responses, particularly as staff is impacted and more time is required to conduct functions within a physically constrained facility. The Division has also struggled with spread of infectious disease control as life support areas are undersized and fail to meet modern standards. Coupled with cramped working conditions, a lack of privacy, and physically difficult working space, conditions are increasingly untenable for staff as conditions impact the ability to work efficiently. Additional staffing is essential to support EMS and fire runs within the Primary Service Area, but this cannot be accomplished with the existing facility.

The City has held multiple public sessions on the plans for rehabilitating Station 1, beginning in 2/5/2007 with the establishment of its master plan at Wooster City Council's regular meeting, with public comment invited. The master plan required that the Fire Department first establish a third station to support its expanding north end. Fire Station 1 was impacted by temporarily relocating certain administrative functions to the new facility because of constrained spaces. As the new station was established, the City was able to focus on upgrading its oldest station. 21

**public meetings** were held over the course of three years. The project was presented with requests for public questions and comments in numerous State of the City addresses by the Mayor to Council and numerous service clubs and aired on local television as well as posted online. In each case, audience members were provided with the latest plan for the project with several minutes of discussion provided on data, metrics, and needs. (2/21/2022 City Council; 2/15/2022 Kiwanis; 2/28/2022 Rotary; 3/8/2022 Lions [question on need for building fielded]; Also 2/19/2021 Council; 2/15/2021 Kiwanis; 2/22/2021 Rotary; 2/18/2020 Council; 2/18/2020 Kiwanis; 2/24/2020 Rotary.) Wooster City Council discussed and authorized Mull Weithman Architects Inc as the service provider to commence the design for Fire Station #1's rehabilitation and expansion on 2/5/2021, offering opportunity for public comment (none received.) Later in the year, the Wooster Finance Committee 10/18/2021 (use of ARPA for Fire Station 1), and again on 11/15/21, and 12/6/21. Wooster City Council publically met and welcomed public comment for the budget on 10/18/21, 11/15/21, and finally adopted 12/20/21. The project was again discussed in-depth 4/19/2022 at a 2022 operations review at Wooster City Council, then again on 5/31/2022 during the City's Public Hearing for its Allocation and Critical Infrastructure Grant program, a follow-up 6/6/2022 hearing, and at its CDIS meeting where Chief Saley (Fire Department) explained that Fire Station 1's rehabilitation was essential to providing quality service to south Wooster. He said it was the busiest area, as the populace utilized resources more. The low-to-moderate income populace in particular lacks primary physician care and more frequently utilized Fire's EMS and the hospital for primary care. Without additional public comment, Council decided to pass a resolution authorizing the application on 6/6/2022 at its regularly scheduled meeting, with time dedicated in advance for public comment. Most recently, on 6/21/2022, the City held a public open-house tour of Fire Station 1 and additionally provided a presentation before Council with public comment opportunity.

### **Proposed Infrastructure Improvements**

7. Are the proposed improvements mandated by another public entity?

*(If yes, list the entity and their findings. Ex: Ohio EPA mandates all CSO systems are separated per the Ohio CSO Control Strategy.)*

Fire Stations in Ohio rely on adopted Building Codes (in the case of Wooster, the 2017 International Building Code) and also the National Fire Protection Association as a recommending organization for best practices. While the facility does not meet modern codes for clearance for equipment, staff life support areas, and space programming, utility systems, and materials, Ohio buildings in many situations, as is the case here, "grandfathered" based on the code as it was in place at the time of construction – this means that while the facility fails to meet codes across its internal systems, layout, and materials, it is not illegal. In 2019, the National Fire Protection Association (NFPA) released a report Renovation Needs of the U.S. Fire Service. This report showed that 43% of the surveyed stations were more than 40 years old. Many of them are not equipped with cancer-preventing systems. Additionally, these stations do not have access to back-up power, are affected by mold, old ventilation systems, and other environmental problems. The Wooster Division of Fire Station #1, falls into this category. It does not meet current building and safety standards for modern fire service. It lacks the appropriate functional areas and spaces to minimize or eliminate cancer-causing agents and infectious diseases. The apparatus bay has become increasingly small due to the size of modern-day fire and EMS apparatus & equipment. The current living quarters does not provide the needed safety and security for our staff, and constructed prior to enactment of Civil Rights legislation, also lacks proper accommodation for our female staff member(s). Additionally, the failing "rain roof" and aging plumbing system facilitates the growth of mold.



**8. Describe the proposed improvements.**

*(Describe the proposed improvements and scope of work. How will the project improve issues caused by the infrastructure's condition described above? Preliminary drawings or plans may be included to help to explain the improvements. How will the project solve the identified needs described in previous questions? Include an explanation of how the improvements will impact the identified beneficiaries.)*

The scope for the \$5,373,088 project is focused on improving three core functions:

1. Apparatus Bays and support areas. In general, apparatus bay support areas need to be relocated in their own appropriate spaces, off the apparatus bay floor. Physical separation must be established along with mechanical systems that will promote a healthy and safe environment for fire-fighters. This includes minimizing the opportunity for cross contamination between the Dirty Zones and Clean Zones.
2. Living Quarters. This function requires additional spacing in order to meet modern codes, NFPA requirements, and also to minimize the spread of infection. The project will provide appropriate sleeping quarters with 10 individual dorm rooms and an appropriate number of gender neutral, single occupancy toilet / shower rooms provided. Additional life support functions such as the fitness training room will be relocated so its current space will be more functionally repurposed, while day room and kitchen facilities will be upgraded to meet modern codes.
3. Administrative areas require improvement, which includes five offices and a conference room for 15 to handle station-level operations. (Large conferences and training classroom will continue to be held at the Wooster Safety Center.)

These improvements will dramatically improve the functionality and livability of Fire Station #1. This will eliminate the risk of error or delay to operations in serving the public that is otherwise present in a physically constrained facility environment, and eliminate risk of injury and harm to staff and also to those members of the public visiting the facility. Based on these, the following 6 priorities were determined, which are reflected on the building plan schematics attached as "Other Documents"

**1. APPARATUS BAYS- Priority #1**

- a. Remove existing 8-inch thick reinforced concrete slab in apparatus bays including trench drains ( 9 inch wide) and oil interceptor (400 - 500 gal.). Locate oil interceptor outside of building. Center trench drains in new bay spacing under apparatus.
- b. Remove existing C.I. under-slab sanitary line. Replace with PVC DWV piping.
- c. Remove and re-install existing MagneGrip Exhaust Source Capture system.
- d. Provide new CO/N02 detection system.
- e. Remove and relocate existing infrared tube heaters to correspond to new bay layout
- f. Reconfigure new 8-inch reinforced concrete slab and trench drains as 3-bays instead of 4-bays.
- g. Provide new electric apparatus shore lines.
- h. Provide new LED high-bay lighting fixtures.
- i. Provide new water and compressed air hose reels.
- j. Provide 3 new 14'x14' overhead sectional bay doors.
- k. Paint walls and ceiling of bays.
- l. Provide new masonry veneer and facade improvements for entire east elevation.
- m. Provide new Half-Bay I Training tower for command vehicle parking and training opportunities. Approximately 800 sf addition to existing south side of apparatus bays.

- n. Relocate existing storage shed to West parking area.
- o. Provide new parking lot space for 11 firefighter POV's including storm sewer adjustments and landscape buffer.
- p. Provide code required man-doors for egress from apparatus bay space.

## **2. SLEEPING QUARTERS - Priority #2**

- a. Remove existing partitions, HVAC unit, plumbing fixtures, supply and waste piping on second floor.
- b. Reconfigure toilet and shower areas to provide three unisex toilet/shower rooms.
- c. Provide eight (8) bunk rooms approximately 8'-4"x11'-8" each with desk, shelves, shift lockers, corridor lockers, headboard shelf & storage. Partitions shall be fire-rated.
- d. Provide two (2) bunk rooms approximately 10'-0"x11'-8" each with desk, shelves, shift lockers, corridor lockers, headboard shelf & storage for shift CPT and LT. Partitions shall be fire-rated.
- e. Provide new LED lighting
- f. Provide new power circuits. Each sleeping room to have power outlets for charging, personal items, USB outlets.
- g. Provide station alerting speaker for each bunk room and corridor.
- h. Provide limited area fire suppression system for sleeping rooms from domestic water service.
- i. Provide house laundry room for residential washer and dryer and linen storage. Include mop sink, counter drop-in sink, and cleaning supply storage space.
- j. Study west elevation for new egress windows for 8 bunk rooms.
- k. Study north elevation for egress window / door and stairs directly to exterior from dormitory corridor.

## **3. BUILDING SERVICES - Priority #3**

- a. Provide new electric service meeting current code requirements. Approximate size of service - 400 to 600 amps. Verify size requirements for gear. Existing equipment room is possible location.
- b. Provide new diesel stand-by generator with ATS. Locate away from the Firefighter Patio area. Provide screening per zoning requirements.
- c. Relocate, add, replace existing HVAC units
- d. Scope and replace main sanitary sewer piping. Cut, trench, CDF at existing apron concrete. Repair apron required by replacement.
- e. Replace and relocate 2-1/2" water supply line to the north of proposed office addition. Connect to existing building service lines. Provide new tap at main. Provide new backflow prevention and water quality testing. Include demo, excavation & backfill of existing parking lot for installation of new service line.
- f. Replace and relocate 3" natural gas service line. Provide new meter and regulator. Locate to the north of proposed office addition. Include demo, excavation & backfill of existing parking lot for installation of new service line. Include connection to main by utility provider.
- g. Provide dedicated IT / Station Alerting space with adequate power, ventilation, and cooling. Provide pathways for owner installed data, cable, Wi-Fi, CCTV, video & station alerting.

## **4. TOG STORAGE / DECON SPACES - Priority #4**

- a. Provide new Turn-out gear storage room (18'x20.5') of 369 square feet located on the lower level in the current physical fitness room space.

- b. Provide space for 30 - 24"x24" gear lockers w/ shelf above for spare gear storage. Lockers furnished by Owner and installed by contractor.
- c. Provide dehumidification and ventilation for space.
- d. Provide dedicated HVAC unit to control temperature within acceptable range of PPE manufacturer. Space should be under positive pressure.
- e. Provide dedicated outlets for device charging.
- f. Provide floor drains.
- g. Provide LED lighting.
- h. Provide adjacent Gear Laundry room (10'-4"x 20.5') of 211 square feet
- i. Provide power, water supply, drain and ventilation for residential style washer & dryer, gear extractor and gear dryer.
- j. Provide power for chemical detergent dispersing system.
- k. Epoxy paint all walls and ceilings.
- l. Provide drain trough for gear extractor.
- m. Modify existing gear alcove into Decontamination space for equipment. Existing floor drain to remain. Provide double compartment stainless steel sink w/ foot pedals and hand spray wand. Provide emergency eyewash I shower.
- n. Provide glove dispenser & hazmat disposal.
- o. Provide mop sink for apparatus bay area.
- p. Provide 2 new vestibules to reduce contaminate flow from bays into dayroom I dorm spaces.

#### **5. OFFICE SPACES - Priority #5**

Note: Fire Station 1 also supports plan reviews and inspections for safety and other administrative functions to manage the department. In addition to requests from the general public, these functions require non-staff to routinely access the offices. Without existing public access, members of the public must access spaces by going through the undersized equipment bay with hazards typical of operating heavy vehicles.

- a. Fire Administration Office Space Addition.
- b. Provide new single-story office space addition of approximately 2,400sf located on the north side of the existing station.
- c. Include 2-10'x12' offices for the shift officers, a small lobby space w/ display area, toilet rooms, executive assistants' office, 2 assistant chief offices, chiefs office, fire prevention office and administrative conference room.
- d. All fire administration spaces to be ADAAG accessible and open to the public.
- e. Existing office spaces to be renovated for the Watch / Reports Room, Tool Area, EMS Supply Room and Decon Toilet / Shower room.
- f. New administration addition to have rooftop HVAC unit for heating and cooling.
- g. Typical office finishes.

#### **6. PHYSICAL FITNESS- Priority #6**

*Note: Presently, this space is shared with IT equipment and systems and also the station's repair and maintenance area.*

- a. Provide an 600 to 800 sf single-story addition to the rear (west) of the existing station to house Physical Fitness equipment for shift workouts.
- b. Slab-on-grade construction.
- c. Provide natural light
- d. Provide clear ceiling height to accommodate required fitness equipment. Typically 10' to 12'.
- e. Rooftop HVAC unit for space heating and cooling.
- f. LED lighting fixtures.



- g. Power outlets for electrical fitness equipment.
- h. Space for wall mounted TV and CAD monitors.
- i. Ceiling fans for air circulation.

9. Describe the service area of the project and explain how the boundaries were determined. *(Describe the geographic boundaries of the population that will be served by this project. Indicate how the specific location of the project will serve and benefit the larger service area. Please use enough detail to ensure reviewers unfamiliar with the project location and community will understand the greater impact of the project. Specific examples should be provided regarding important details surrounding the project location. Ex: bus route to school, only bridge on a main route for Emergency Medical Services, etc.)*

Service area boundaries, or "Primary Service Area", is the defined area where the station's equipment and response is firstly committed, and is generally determined which areas of the City are quickest served by a particular station. Fire Station 1's location at 510 N. Market Street is excellent to serving south Wooster, which serves and protects Wayne County's greatest concentration of LMI households and also its largest collection of historic properties. Anticipated future EMS runs are 3,500 for this area with another 1,100 anticipated fire runs, which will necessitate expanding Fire Station 1's staffing by two additional staffers (though today there's no room for this) The PSA is the defined area where the station's equipment and response is firstly committed, and is generally determined which areas of the City are quickest served by a particular station. For qualification purposes, following OCD 19-02, the total LMI population of all 17 block groups were added (7,690) and divided against the total universe population for those groups (14,525) to determine an LMI rate of 52.9%. Actual beneficiaries were then determined by subtracting households from split block groups based on census block data or rooftop counts utilizing local data, resulting in an estimate of 9,915 actual beneficiaries, an estimated 5,559 of which would be LMI residents. Additional assessments were performed to verify that the portions of individual block groups located within the PSA were similar in terms of income-makeup with those areas located outside.

10. What will the condition of the infrastructure be once the project is complete?  
*Excellent: Condition of infrastructure's remaining useful life is near permanent. There is no documented health or safety hazard.*

11. In years, what will the useful life of the infrastructure be once the project is complete?  
 The useful life of the station will be extended for another 25 to 30 years.

12. Are there any proposed alternatives if the project is not funded in this program year? *(Will the infrastructure be condemned, or will temporary repairs be made? Are cost-effective alternatives available?)*

Absent of the renovation with expansion, temporary repairs may continue to be made to maintain the current level of operations, though with limitations to properly supporting staff and without meeting the standards for modern fire-fighting. In addition to the lack of affordability with temporary repairs, the complications of operating in a constrained environment have an impact on staff time and efficiency, resulting in additional cost and resource demand which further eviscerates value. Additionally, the administrative operations will need to be spread to other facilities, presenting additional operational challenges and efficiency losses. Because Fire Station 1's location remains the best location to serve southern Wooster, operations at some level will need to be maintained. An additional fourth fire station may provide some relief, but this would be a far more expensive endeavor and would not resolve the issue of ensuring

modern standards for fire-fighting and EMS operations for our LMI and historic neighborhoods. There is no practical accommodation for members of the public that visit the structure today aside from accessing offices through the vehicle bays. Living quarter layouts are improper for modern fire service and will continue to pose a hazard to staff members.

13. Does the project contribute to the community's long-term planning?

*(Has the community prioritized the project through its Community Development Implementation Strategy or other planning efforts? Will the project increase resilience of the community's infrastructure? Does the project help to mitigate or adapt to future disastrous events? How does the project contribute to the overall health and sustainability of the service area?)*

Wooster Fire's sole mission is to serve the general public, preserving life and property. A properly-located and sufficiently-sized fire station will enable the community to continue to offer rapid emergency response to its growing population in south Wooster. In addition to equipping the community with a facility that meets current NFPA requirements and present building codes, the effort will also increase the resilience of the community's other infrastructure, both private and public. The rehabilitation and expansion of Fire Station 1 project has been a defined goal of the City since the inception of its 2007 Master Plan for its Fire Division. The project has been presented as a priority project in the 2020, 2021, and 2022 State of the City addresses. The project has been a long-term budget goal and had been moving forward this year until national economic conditions impacting the construction trade dramatically escalated construction costs, forcing the City to halt its efforts and scramble for additional funds. At this stage, with the critical project forced off schedule, the project was added to the City's CDIS. Wooster Fire prepares for, responds to, and mitigates all calls for emergency service to help the public during an emergency and during their times of need. Wooster fire staffs the fire stations 24 hours a day / 365 days a year. Our staff is always ready to respond and help the public in need. Wooster Fire responds to approx. 5000 emergency calls for service annually and provides approx. 1700 non-emergency community risk reduction activities annually. Each one of these request directly benefits the general public. Wooster Fire provides fire & EMS mutual aid assistance to all of Wayne County and is the Confined Space (Land Based Special Operations) Technical Rescue Team for the 115,000 citizens in the County, all businesses', and the County's agricultural communities. Additionally, Wooster Fires participates in the Ohio Intrastate Mutual Aid Compact, an agreement that authorizes Wooster Fire to request and provide assistance to all political subdivisions in Ohio.

#### **Professional Engineer Certification**

Questions 1-13 must be reviewed and certified by a Professional Engineer. The Engineer must stamp the document with his/her professional seal in the space along with the certification signature.

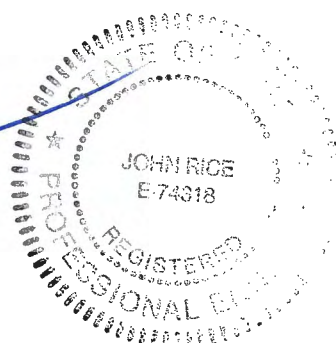
**I hereby certify this information is true and accurate to the best of my knowledge.**

**Name:** John Rice

**Title:** Staff Engineer

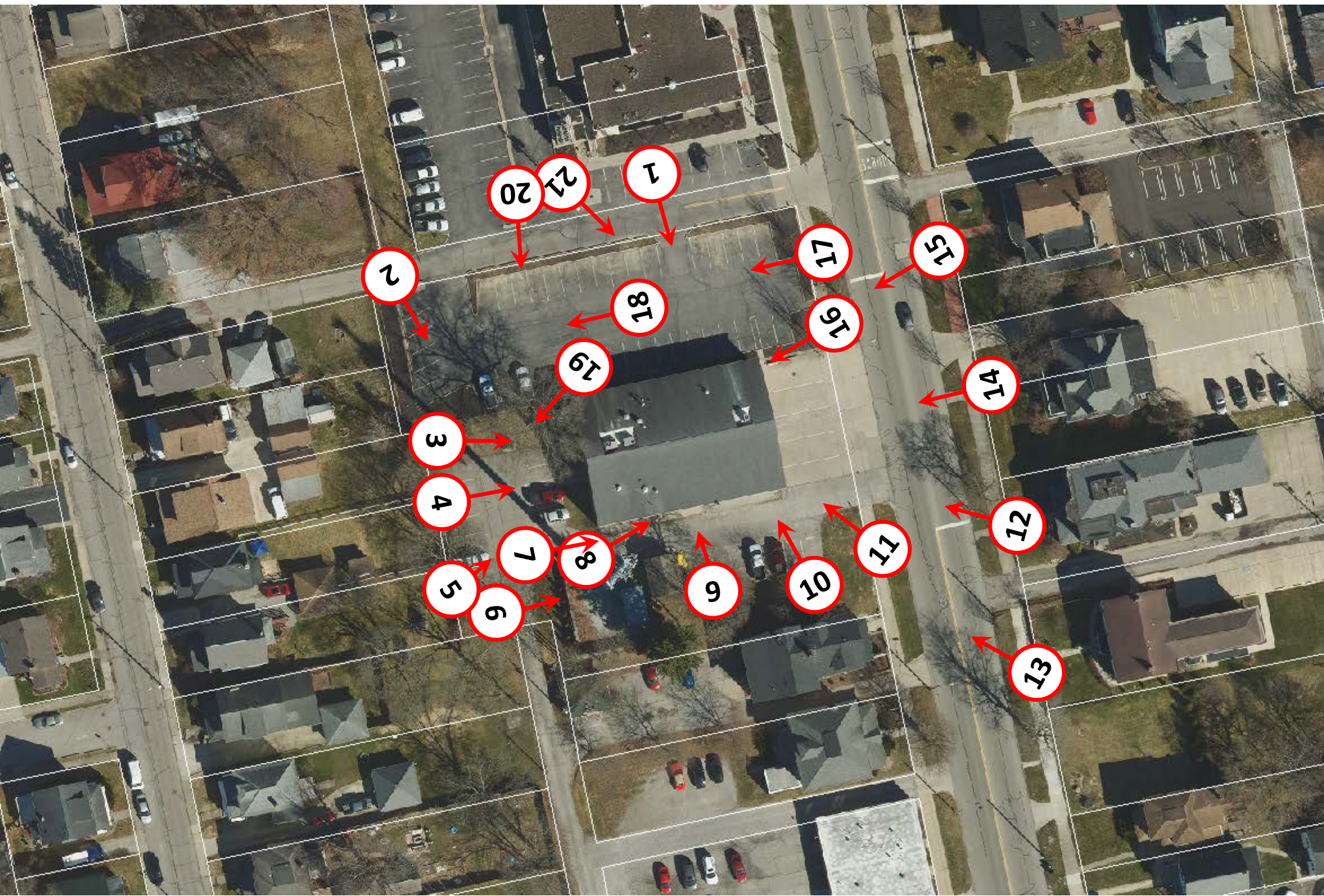
**Signature:** 

**Date:** 6-29-2022



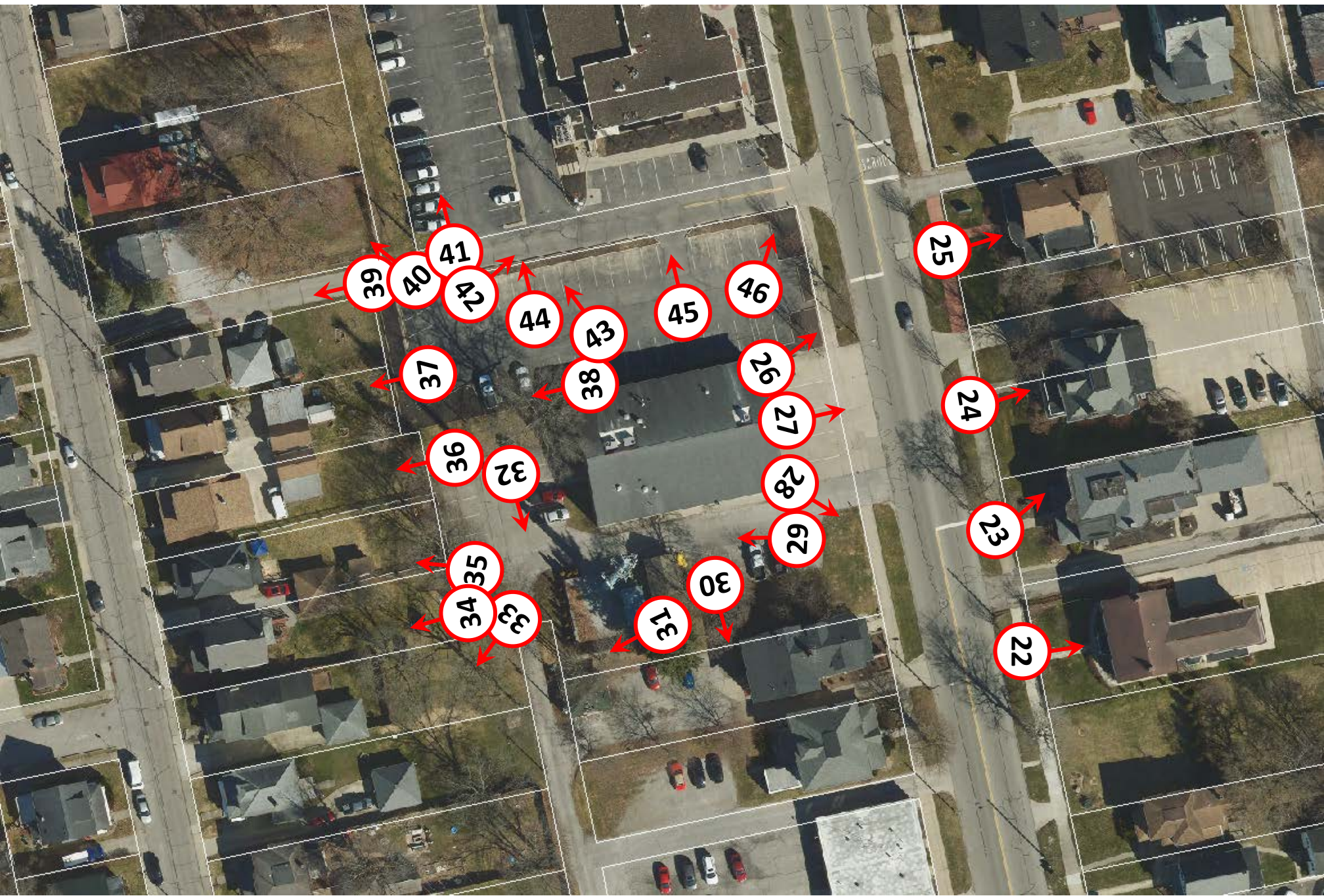


**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
**PHOTO Key 1**





**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
**PHOTO Key 2**





**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



North Face (View to south from City Hall, Note addition to occupy row of parking along bldg.)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of Fire Station 1’s Northwest corner (West addition will appear behind wood fence)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



West face (where 1<sup>st</sup> floor West Addition will be constructed)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



West Face



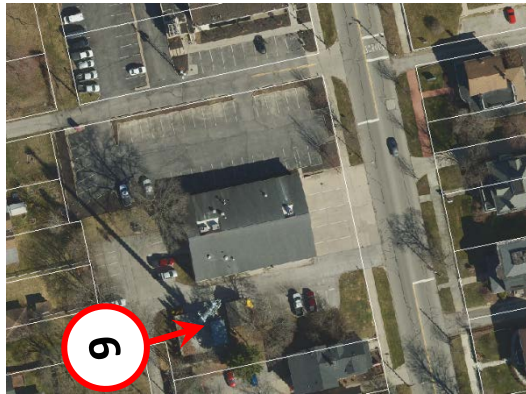
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



Southwest corner of Fire Station 1 (Utility tower is onsite, to remain undisturbed)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



Utility tower will remain undisturbed (view from west to east)

*Image January 25, 2023*



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



Southern drive along utility tower and storage shed.



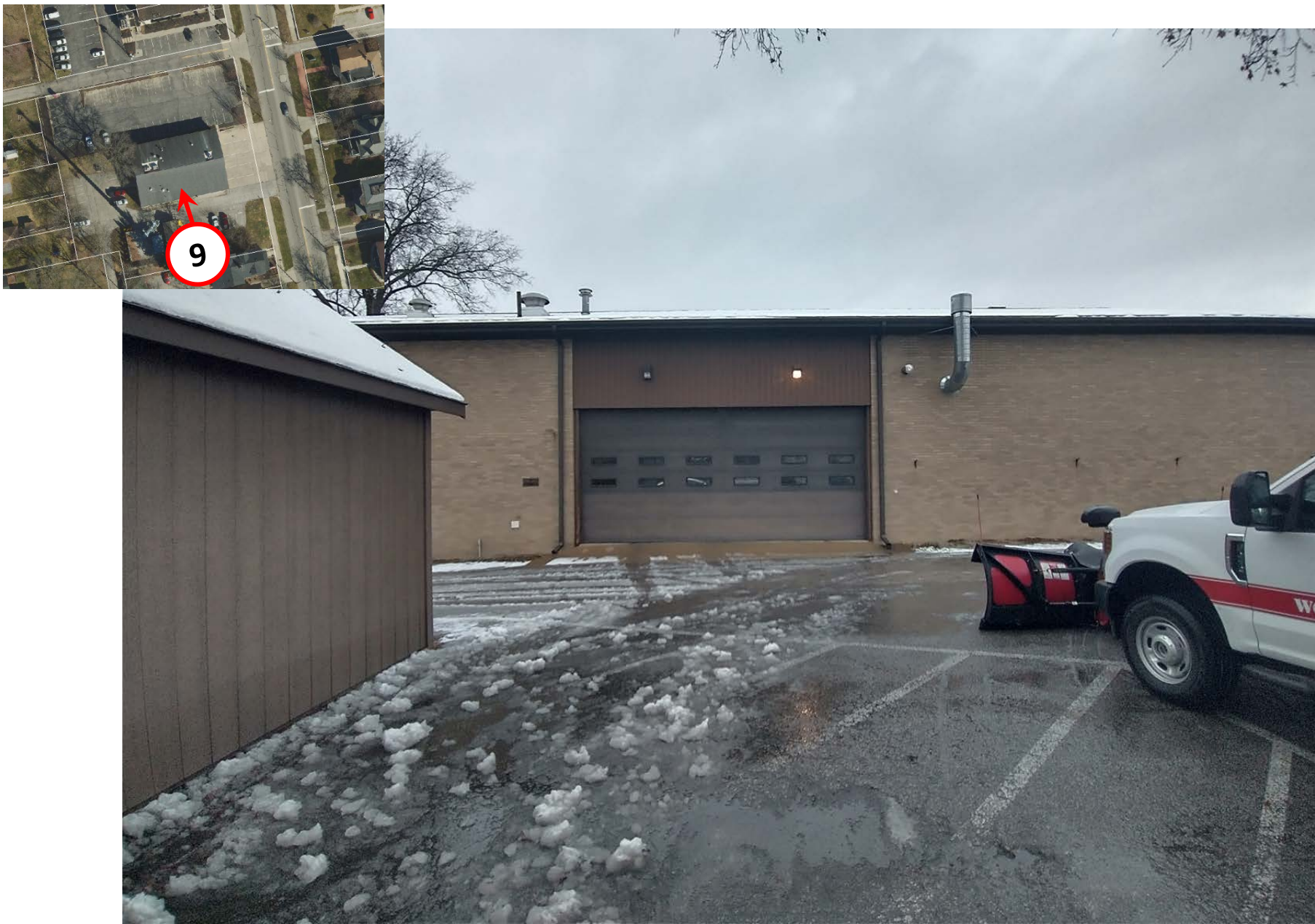
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of the South Face, where South addition will add a new bay.



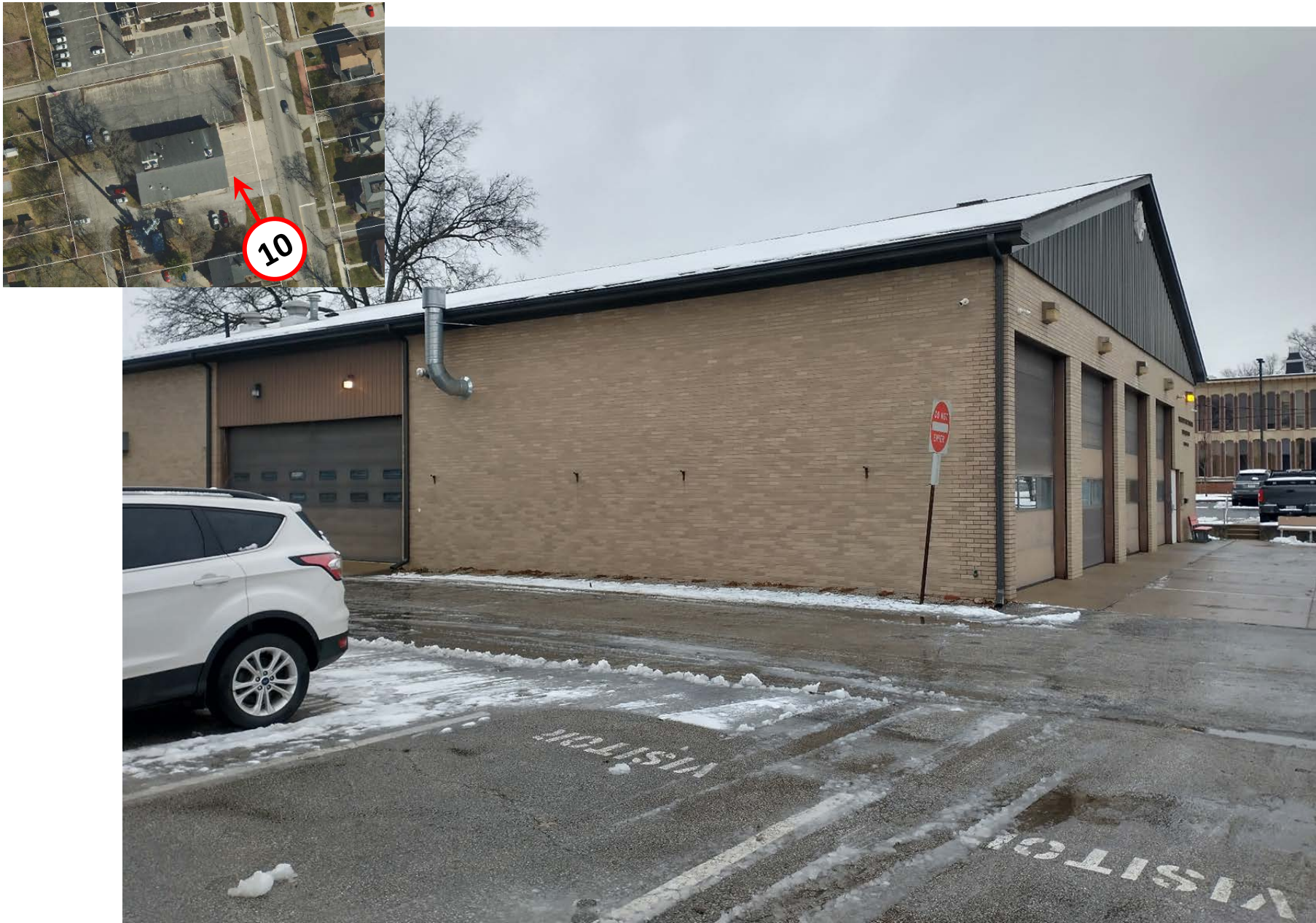
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



South Face



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



South Face from visitor parking lot, where new South Addition will add a new bay.

**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



Southeast corner of building from Sidewalk



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of Fire Station 1 from across the N. Market St (view to west)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of Fire Station 1 from across the N. Market St (from Sloan House)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of Fire Station 1 from across N. Market, East Face



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of Fire Station 1 from across the N. Market St (northeast corner)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of Fire Station 1 from sidewalk (note current walk-through entrance)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
**Site Photographs**



Parking lot from sidewalk (where North Addition will assume the south row of parking)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View from parking lot to the West (residential homes)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of outside utility area, homes in background



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of northwest corner from City Hall



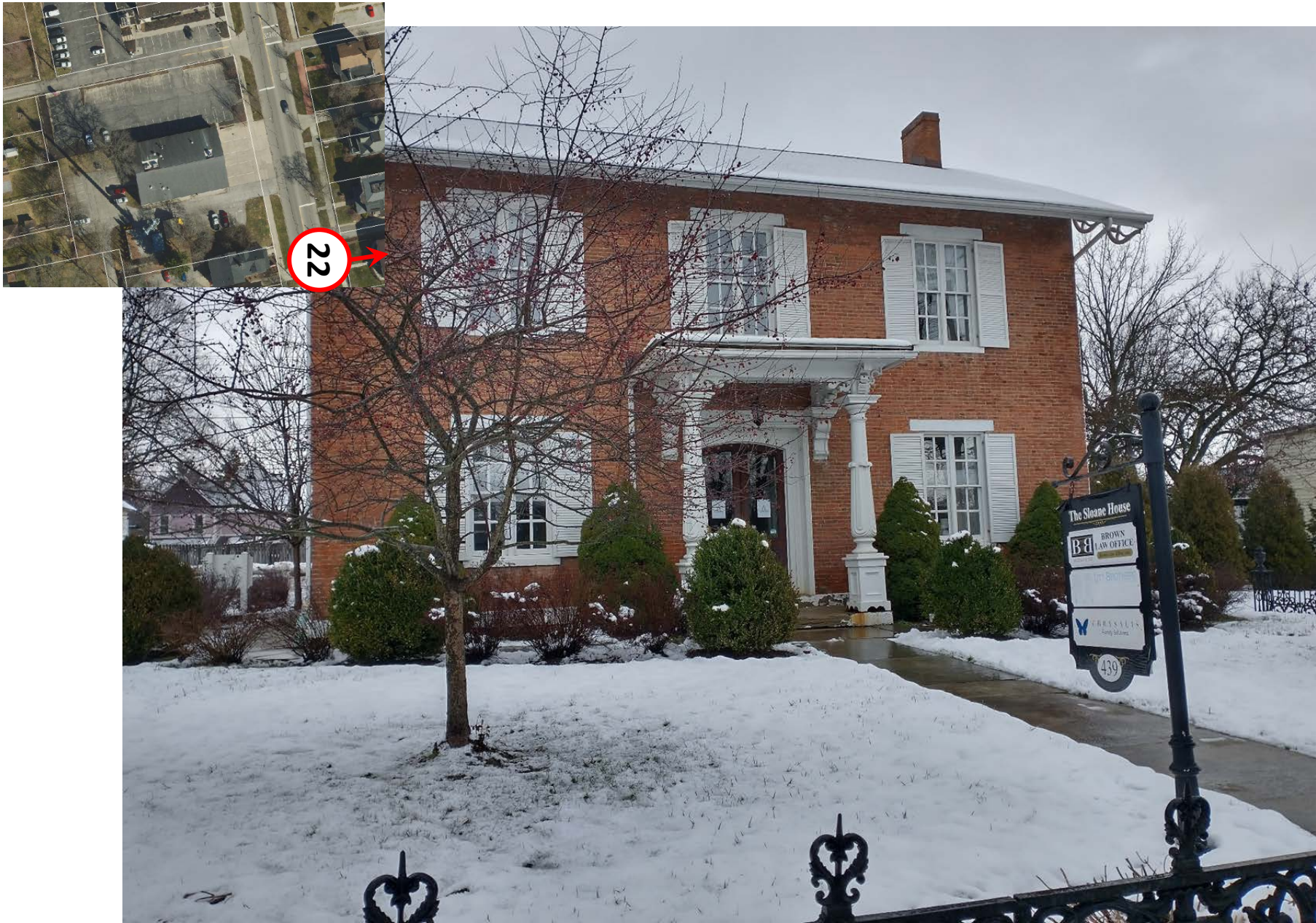
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of northeast corner from City Hall



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



439 N. Market, Sloan House, in view of Fire Station



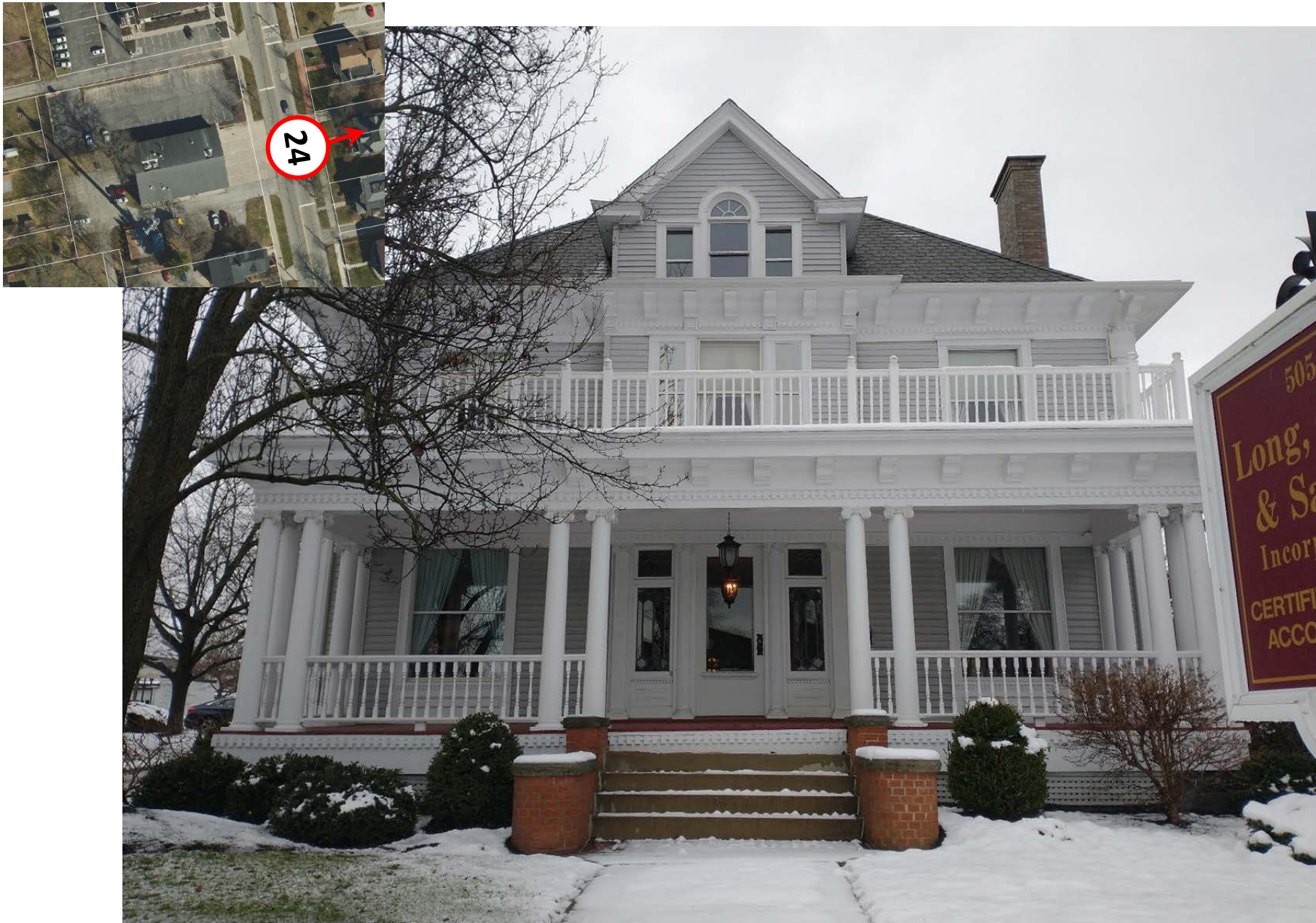
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



449 N. Market Street, across from Fire Station 1



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



505 N. Market Street, across from Fire Station 1



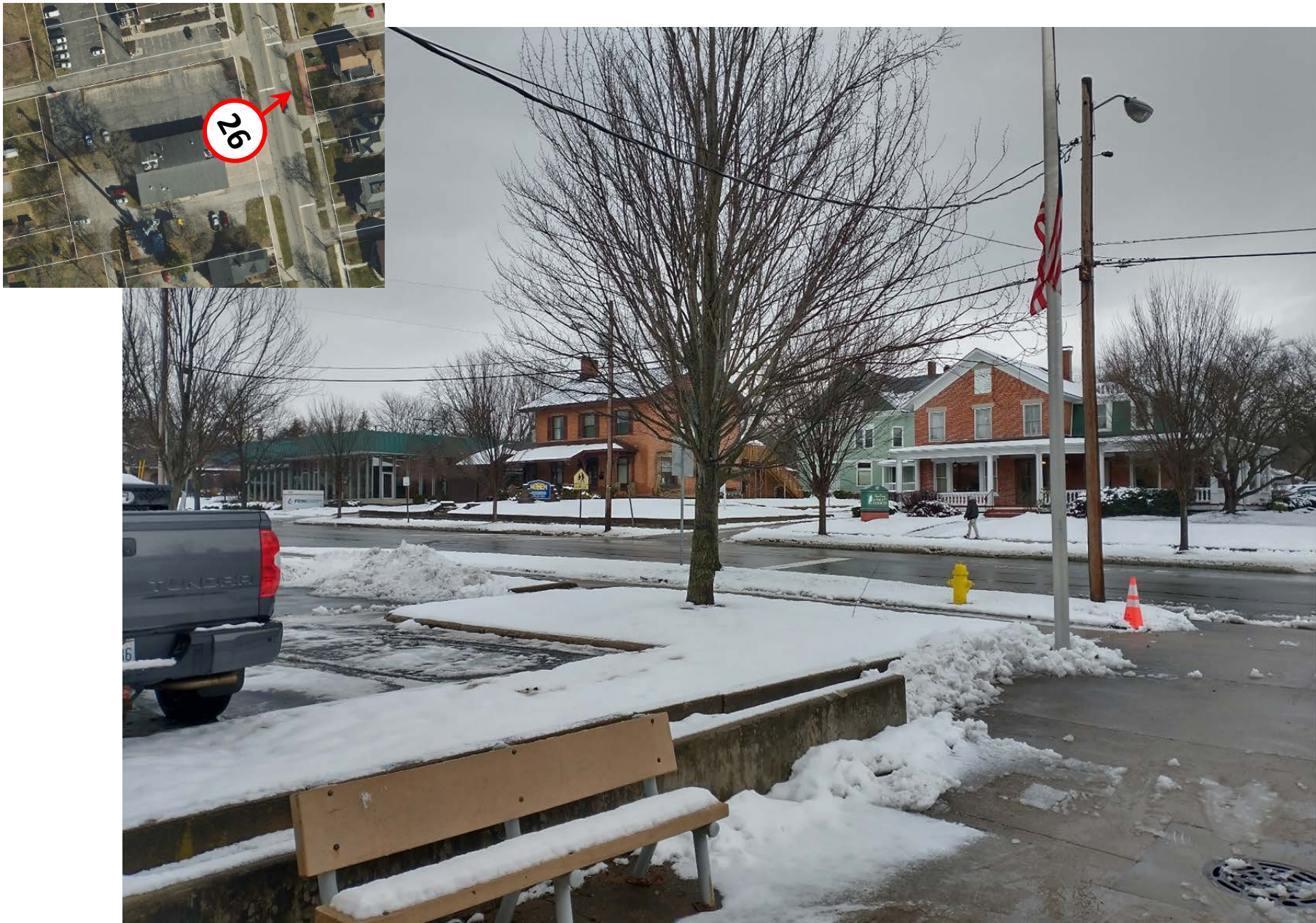
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



517 N. Market Street, across from Fire Station 1



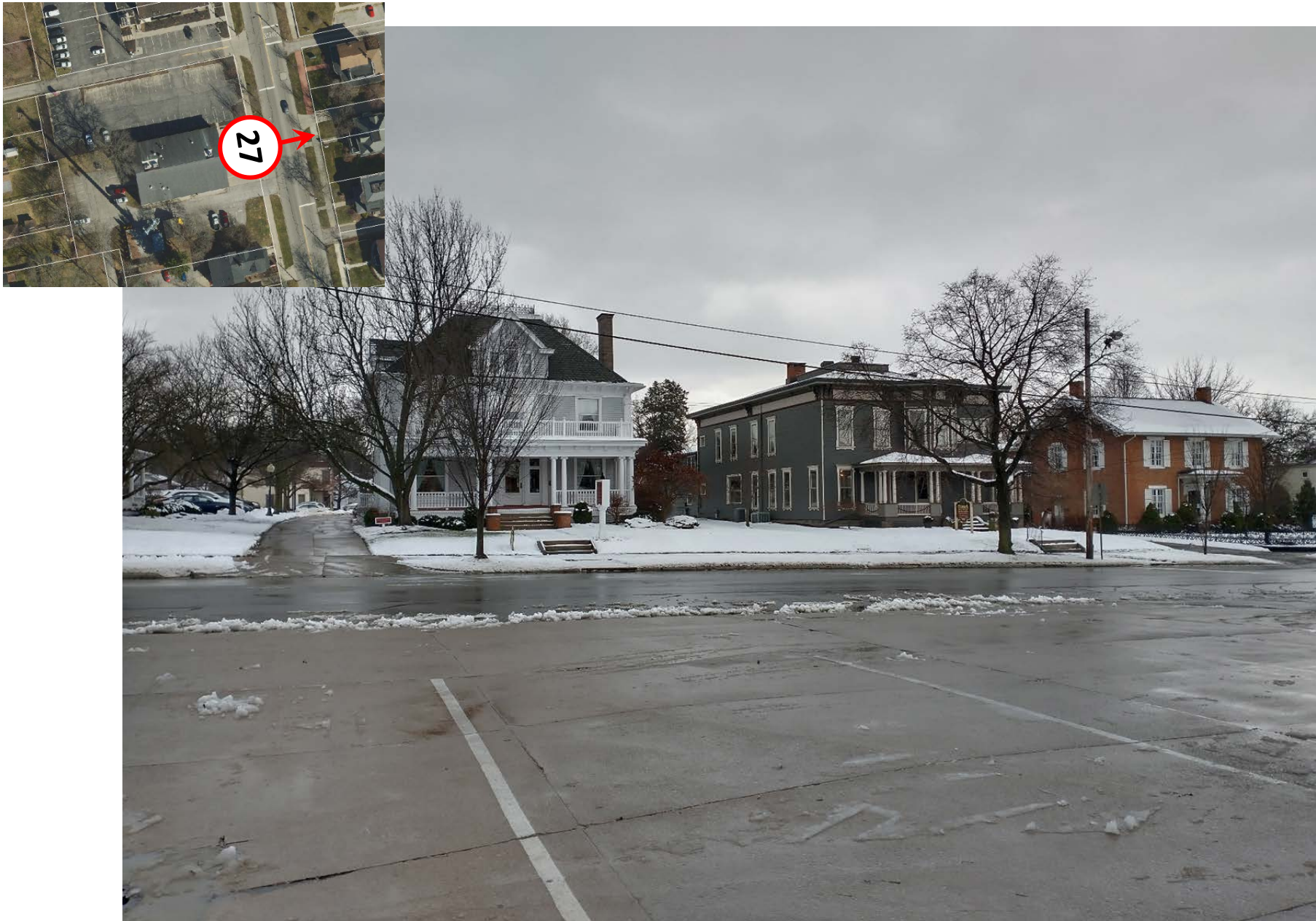
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View from Fire Station walk-through entrance to 517 N. Market



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View from Fire Station bay doors to 505 and 449 N. Market Street



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View from southeast corner of Fire Station 1 (Site of future bay with tower)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



Another view of the South Face and Drive which will feature a new bay and tower



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View from South Face directly south



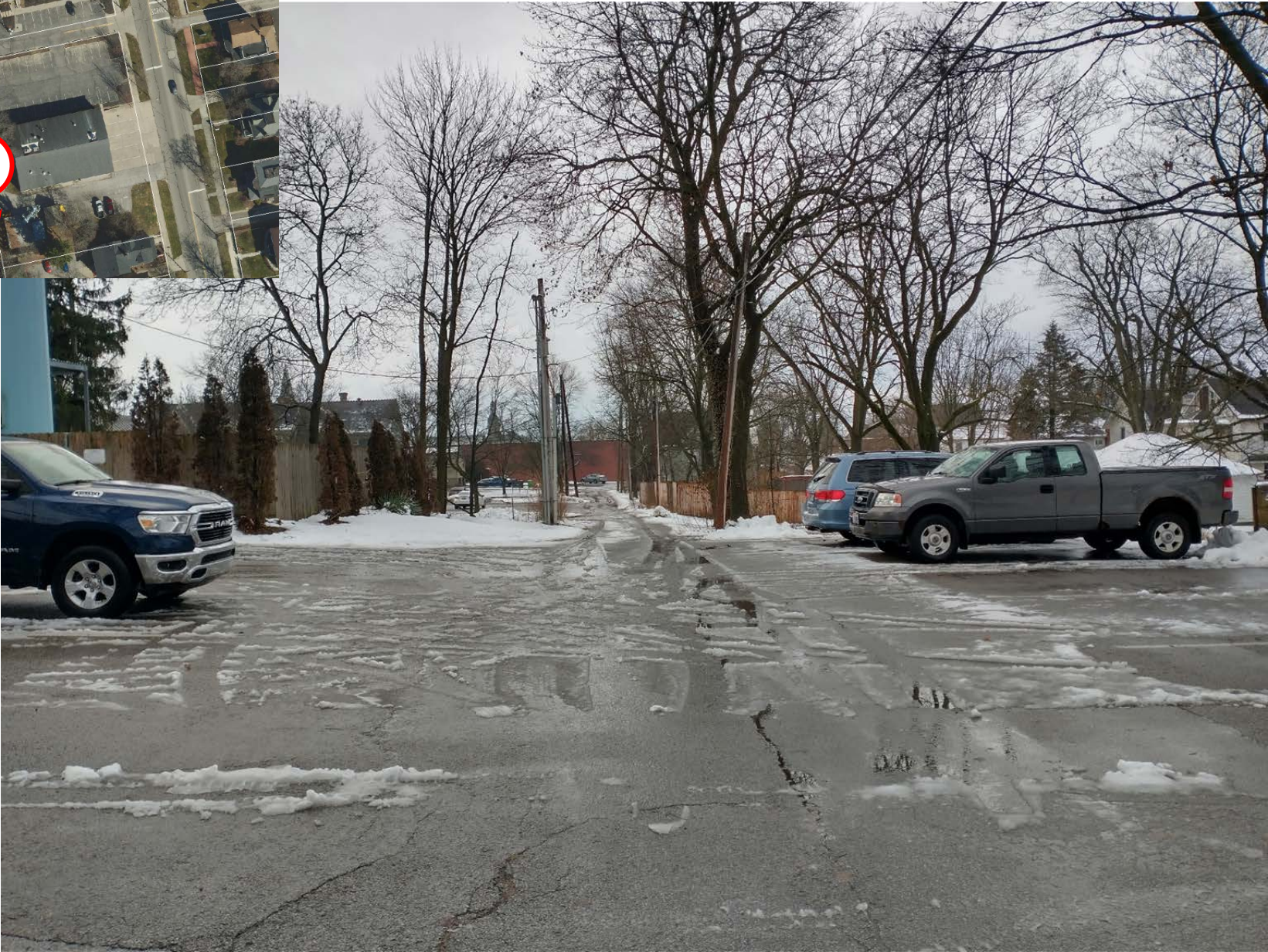
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the southwest from utility tower area (not impacted)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View from center rear parking lot down (south) alley.



***Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)***  
***Site Photographs***



View to the southwest (residential)



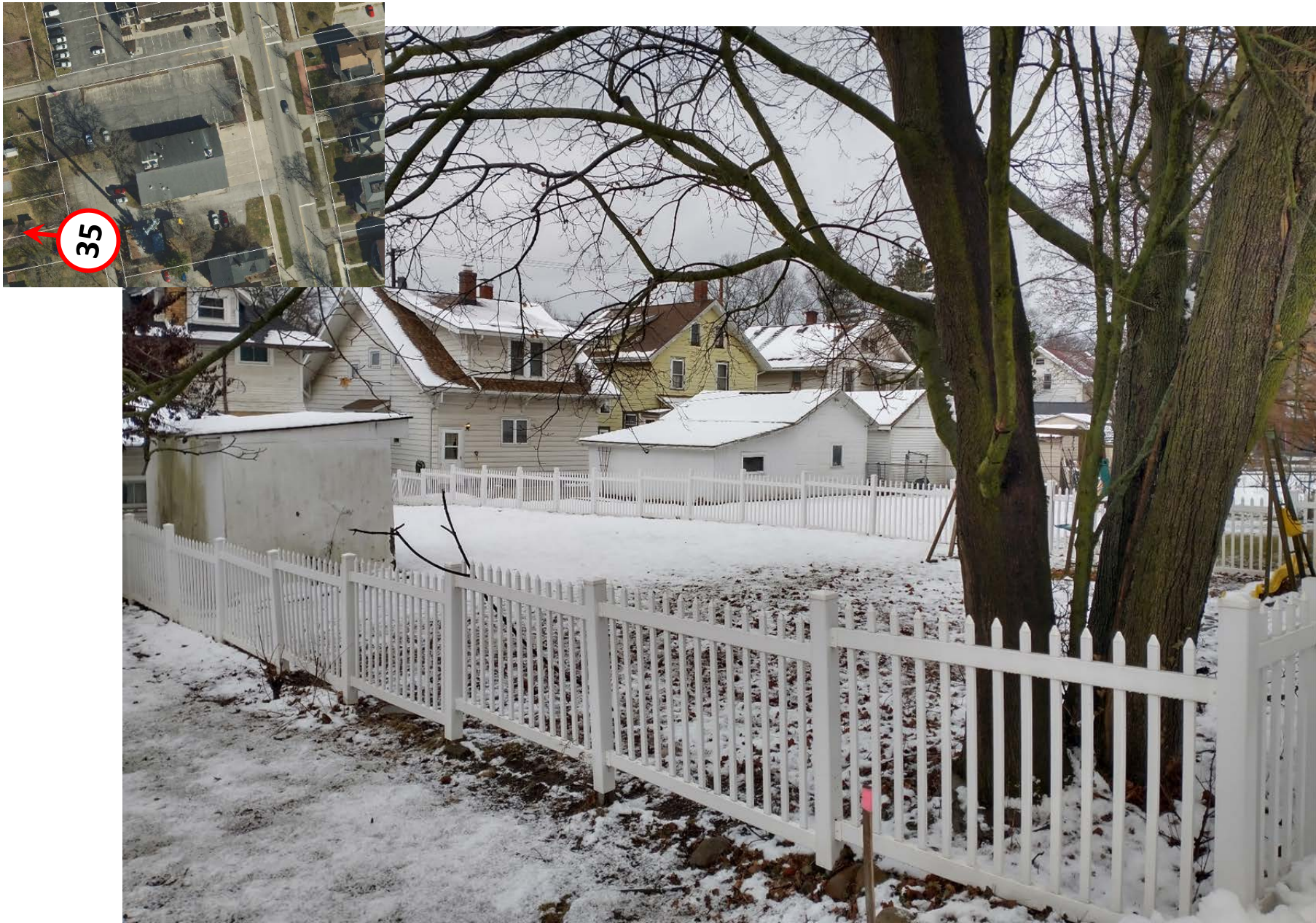
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to West from site boundary (backyard of 501 N. Walnut)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to northwest from site boundary (backyards of 505 & 511 N. Walnut)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to West from site boundary (511 & 519 N. Walnut)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to West from site boundary (backyards of 519 & 523 N. Walnut)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View of 1,600sf lawn area – to be paved to allow for circulation



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the northwest from northwest corner of site boundary



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the north-northwest from northwest corner of site boundary



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the north from northwest corner of site boundary



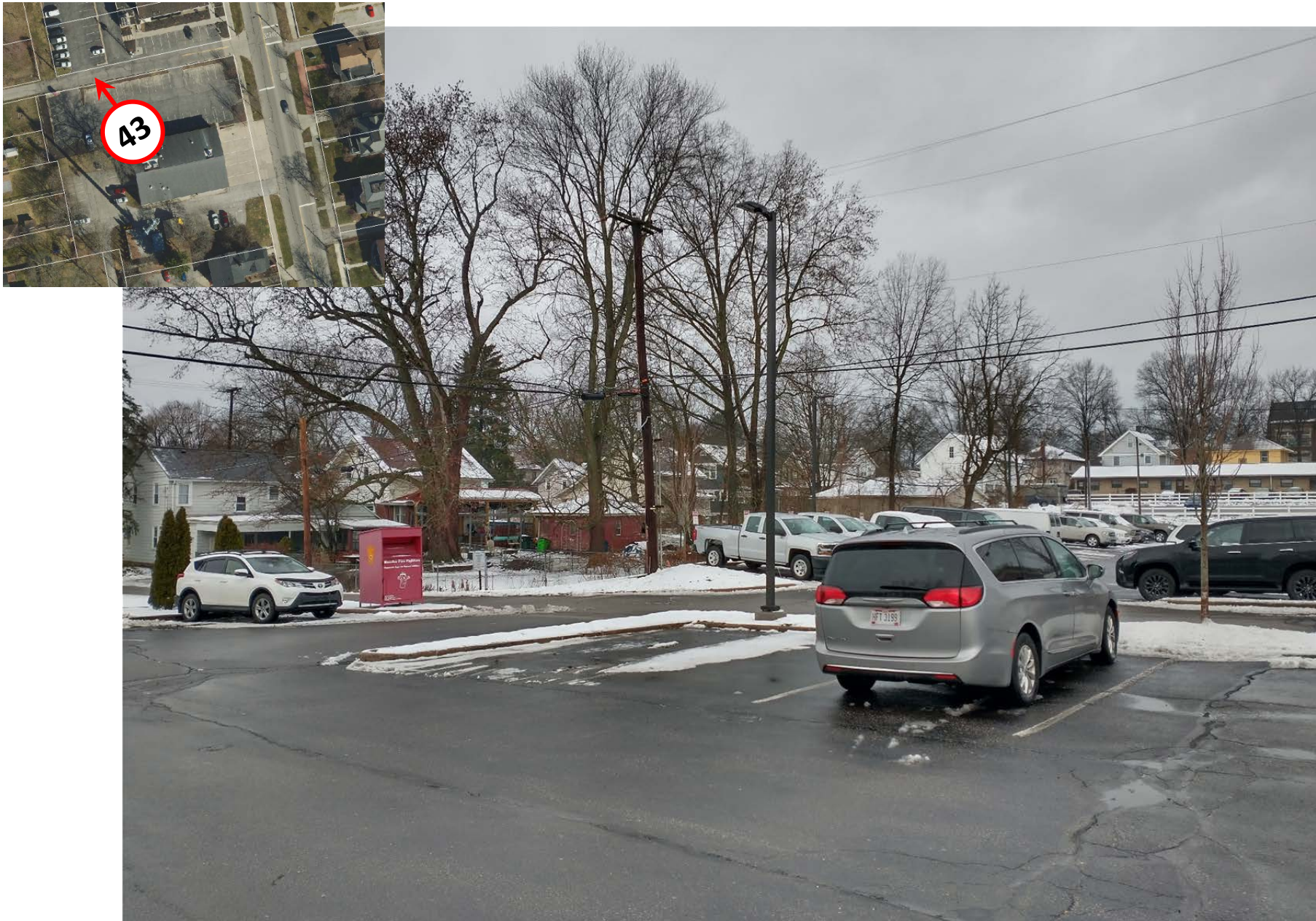
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the northeast from northwest corner of site boundary



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the northwest from center of north parking lot



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the north from center of north parking lot (edge of future North Addition)



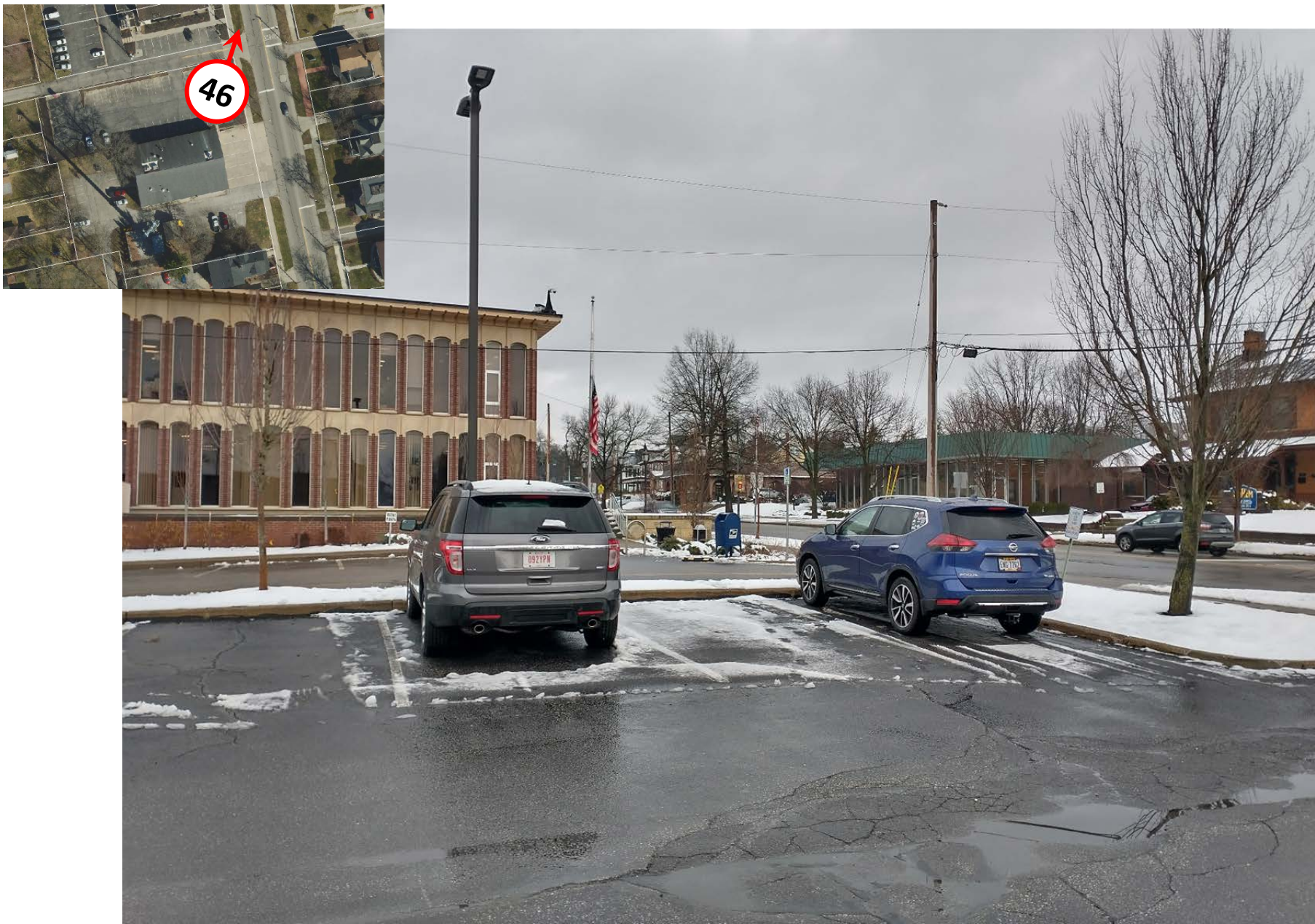
**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to the north from center of north parking lot (edge of future North Addition)



**Fire Station 1 Renovation and Expansion: Historic Review (106 & Environmental Assessment)**  
*Site Photographs*



View to North-northeast from eastern edge of north parking lot



*This is an excerpt from our CDBG Application with additional photographs from Spring 2022 highlighting the interior for additional context.*

### **Priority 1: Apparatus Bay**

Insufficient spacing, does not meet NFPA requirements for safe operational space. This limits the ability and arrangement of equipment. Smaller vehicles are stored in queues, which require additional staff and resources for maneuvering when access is required. Without public access, non-staffers must walk through the constrained apparatus bay to reach offices.







## Priority 2: Living Quarters

Fails NFPA standards for spacing and separation, including disease/infection spread and exposure to hazardous agents. Rehabilitation will compartementalize living quarters.





### Priority #3 Building Services

Equipment is outdated, would not meet code for new buildings, and plumbing is insufficient with rain roof failing and risking mold. These ongoing maintenance issues further constrain operations and efficiency.

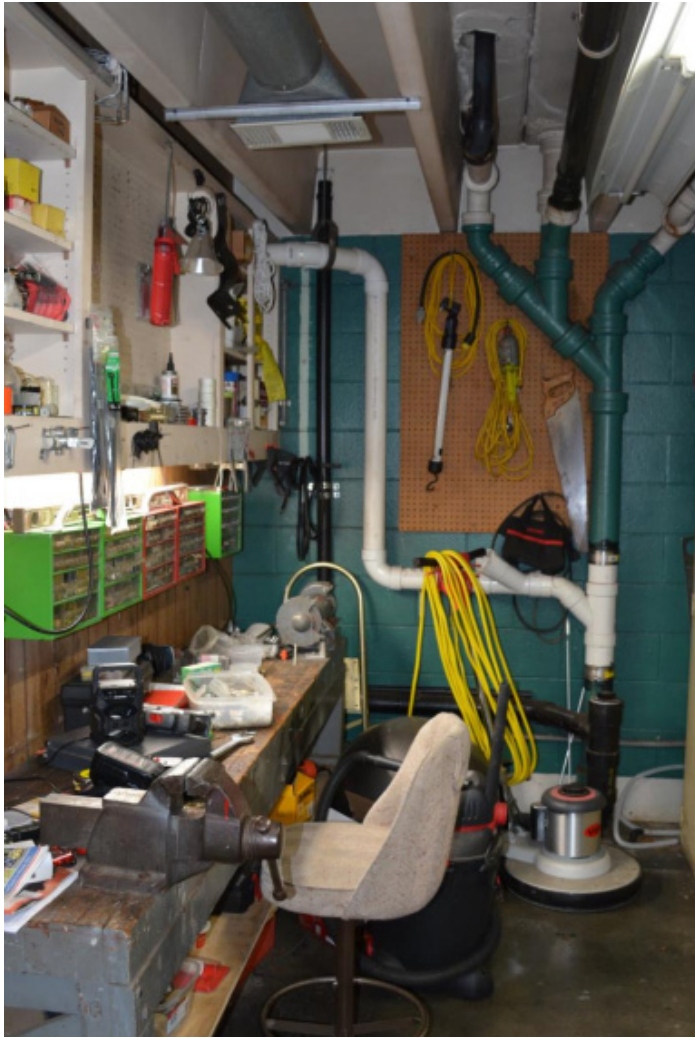


#### Priority #4 Turn Out Gear Storage & Decon Spaces

Insufficient for NFPA and general operations. Larger spaces would allow for more expedient operations during emergency deployment and also during recovery. Note how work spaces are shared with other uses, creating complications during normal operations.







### **Priort #5 Office Space**

Fire Station 1 was intended to support administration functions and support operations including plan reviews and inspections. Spacing is insufficient to support the volume of operations required as the City of Wooster and the south Wooster area in particular continue to grow.



### **Priorty#6 & #7 : Life Support**

Fire Station 1 is staffed 24/7 and requires life support areas. Kitchen areas are insufficient for volumes and level of operations, in addition to outdated equipment.





**Priority#6 & #7 : Life Support Continued . . .**

Day Room, physical fitness areas, and dining areas are also insufficient in sizing for number of staff required to support south Wooster, and are frequently used for other operational and work functions for which they were not intended. The rehabilitation project would take advantage of cost-savings to update this area as well.

Dayroom



Physical Fitness



Dinning Addition



Ohio Development Services Agency  
 Office of Community Development  
 77 South High Street, 24th Floor  
 Columbus, Ohio 43216

23 June 2022

*Sent Via: OCEAN – PY 2022 CDBG Allocation & Critical Infrastructure Round 1 Applications*

## **WOOSTER PY2022 CDBG PROGRAM NARRATIVE**

### *PY 2022 CDBG Allocation / Critical Infrastructure Round 1 Grant Request*

**Fire Station 1** is Wooster's busiest and oldest fire station serving southern Wooster, featuring Wayne County's highest concentration of LMI residents (LMI Area – 52.9%) and largest collection of historic properties. The current facility is **excellently located**, but it is in serious need of rehabilitation and expansion to meet basic National Fire Protection Association (NFPA) standards for modern firefighting facility. The station supported by a paid professional staff with 5 to 8 fire-fighters at all times, operating on 3 24-hour California Swing shifts. Anticipated future EMS runs are 3,500 for this area with another 1,100 anticipated fire runs, which will necessitate expanding staffing by **25%**. (The high concentration of lower-income households, which more often utilize EMS and hospital due in the absence of primary medical care, and advanced age of structures posing increased injury and fire risks, contribute to Fire Station 1's very high level of service demand.)

The City of Wooster has been planning and preparing for the proposed project since 2007, when it performed a detailed city-wide assessment of its firefighting capabilities in the face of escalating requests for service. The project was slated to move forward early this year, but was suddenly halted in the wake of dramatic material and labor cost **increases**. With support through OCD's CDBG Critical Infrastructure Program, Wooster would be able to cover a critical funding gap and move forward with this critical public facility project, prospectively late this year.

The project cost is estimated at \$5,373,088, provided that the City is able to secure work before the end of the year. The rehabilitation and expansion will address the following concerns at Fire Station 1: *Fire station #1 is 61 years old. It does not meet current building and safety standards for modern fire service. It lacks the appropriate functional areas and spaces to "minimize or eliminate cancer-causing agents and infectious diseases". The apparatus bay has become increasingly small due to the size of modern-day fire and EMS apparatus & equipment. The current living quarters does not provide the needed safety and security for our female staff member(s). Additionally, the failing "rain roof" and aging plumbing system facilitates the growth of mold. A successful renovation and addition would provide the City of Wooster a fire station that meets current building codes & standards. This project will allow us to continue to provide safety services to the citizens, businesses, and visitors to the City and our mutual aid partners in Wayne County."*

<b>Fire Station 1</b>	
<b>Total</b>	<b>\$5,373,088.00</b>
<b>PY 22 CDBG CI Request</b>	<b>\$500,000.00</b>
<b>Leveraged Other Funds</b>	<b>\$4,873,088.00</b>
<b>PY22 CDBG Allocation REQUEST</b>	<b>\$127,500.00</b>
<b>City General Fund</b>	<b>\$3,343,081.00</b>
<b>ARP Funds Wooster</b>	<b>\$1,400,000.00</b>
<b>City CDBG Econ RLF</b>	<b>\$2,507.00</b>

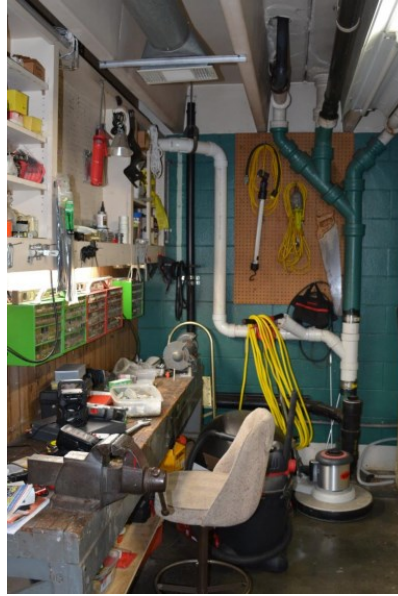
**PY2022 Critical Infrastructure Funding Request:** The City of Wooster is requesting **\$500,000 in Critical Infrastructure Funds**, to be paired with \$127,500 in PY2022 CDBG Allocation funds to bring the \$5,373,088 project to fruition. Additionally, a waiver is requested to use Program Income.



The project will rehabilitate the 10,148 square feet (sf) station and add 4,828sf to meet NFPA standards. This includes upgrading the apparatus bays (fire truck and EMS bays) with proper utilities and equipment including CO/NO2 detection systems, improvements to sleeping quarters with standards to eliminate spread of infections, upgrading building services including electrical and natural gas systems, establishing new turn-out gear and decontamination spaces, renovation of office space with additional space for administrative functions, and expansion of the facility's physical fitness and kitchen space. (Wooster firefighters/EMS work on a 24-hour cycle, necessitating the life support space needs.) Safety risks will be eliminated, ensuring residents enjoy high quality service.

## Fire Station 1

*Examples of constrained and obsolete space for operations*

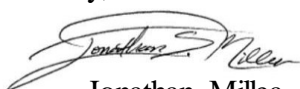


With current conditions, the constrained physical environment creates operational and safety risks for staff. Risks to operations inherently creates risk with responses, a concern that will only grow with increasing call volumes, population, and staffing needs. The project will assist Wooster's and Wayne County's largest LMI neighborhoods by ensuring the continuation of high quality EMS and fire service responses while leveraging multiple other sources of funding, including an appropriation and budget of **\$3,343,081** from the City of Wooster which is **immediately** available, and a **\$1,400,000** American Rescue Plan allocation. (Additionally the City seeks OCD's support in pairing \$2,507 in remaining CDBG ED RLF program income funds and a \$127,500 allocation grant to further close the funding gap).



We thank OCD for its time and consideration in supporting the City of Wooster in what would be a historic reinvestment in our LMI neighborhoods. In addition to enabling the project to move forward *faster* and provide critical life-saving services with greater speed and efficiency, grant support will also enable a lower direct cost-burden for residents. Please let us know if we can provide any further information. Thank you for your support and time.

Sincerely,

  
Jonathan Millea





Jonathan Millea <jmillea@woosteroh.com>

---

## Wooster Fire Station

Jonathan Millea <jmillea@woosteroh.com>  
To: JoLayne Morneau <jmorneau@ohiohistory.org>

Fri, Feb 3, 2023 at 12:54 PM

Dear JoLayne,

Good afternoon and thank you for reaching out! I forwarded your email to our Planning and Zoning Manager, Mr. Vince Marion, who was at last night's Design Review and Planning Commission meetings. Below is his reply.

It will be a bit before we have minutes drafted. If you'd like, I do have a recording of meetings I could send. If you'd like, I could also go back and transcribe the comments for this piece. Please let me know if you'd need that and I'll be happy to get that together.

One side note, with the tower, the training purpose is a platform to train personnel on operating in constrained spaces and working in vertical areas. It'll be the first time we have this type of space available in our City.

Thank you!

Sincerely,  
Jonathan

Jonathan Millea, AICP, CEd  
Development Coordinator - City of Wooster, Ohio  
Project Manager - Wooster Growth Corporation  
**City of Wooster**  
538 N. Market Street  
Wooster, OH 44691  
[JMillea@WoosterOh.com](mailto:JMillea@WoosterOh.com) | Phone: 330.263.5250  
[www.woosteroh.com/development](http://www.woosteroh.com/development)

**Please Note:** As the City of Wooster is a municipal corporation of Ohio subject to the Ohio Public Records Act, email to and from this address may constitute a public record, as per Ohio Revised Code 149.43. Thank you.

----- Forwarded message -----  
From: **Vince Marion** <[vmarion@woosteroh.com](mailto:vmarion@woosteroh.com)>  
Date: Fri, Feb 3, 2023 at 12:47 PM  
Subject: Re: Wooster Fire Station  
To: Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)>

Mr. Millea,  
Both the Design Review Board and the Planning Commission met last evening (February 2, 2023) to review the additions and alterations to Fire Station 1. Comments made were about how much better the facility will look. Questions were asked about the use of the tower, parking, and timing for construction. All questions were answered to the satisfaction of both bodies. The Design Review Board unanimously approved the architecture and proposed materials. The Planning Commission unanimously approved the site plan.

Respectfully,  
**Vince Marion, Manager**  
**Planning and Zoning**  
**Wooster, Ohio**  
**330-263-5238**

On Fri, Feb 3, 2023 at 12:33 PM Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)> wrote:

**Greetings Vince! Are you able to help me with this?**

Jonathan Millea, AICP, CEd  
Development Coordinator - City of Wooster, Ohio  
Project Manager - Wooster Growth Corporation  
**City of Wooster**  
538 N. Market Street  
Wooster, OH 44691  
[JMillea@WoosterOh.com](mailto:JMillea@WoosterOh.com) | Phone: 330.263.5250  
[www.woosteroh.com/development](http://www.woosteroh.com/development)

**Please Note:** As the City of Wooster is a municipal corporation of Ohio subject to the Ohio Public Records Act, email to and from this address may constitute a public record, as per Ohio Revised Code 149.43. Thank you.



----- Forwarded message -----

From: **JoLayne Morneau** <[jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)>

Date: Fri, Feb 3, 2023 at 11:40 AM

Subject: Wooster Fire Station

To: Jonathan Millea <[jmillea@woosteroh.com](mailto:jmillea@woosteroh.com)>

Good morning, Jonathan!

In reviewing the proposed alterations/additions for the Wooster Fire Station, I am wondering if it would be a possible to get the comments from the Design Review Board. It would be helpful to have these comments as I continue to review the project.

Hope this finds you well on a Friday.

Best,

JoLayne

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**JoLayne S. Morneau** (she/her)

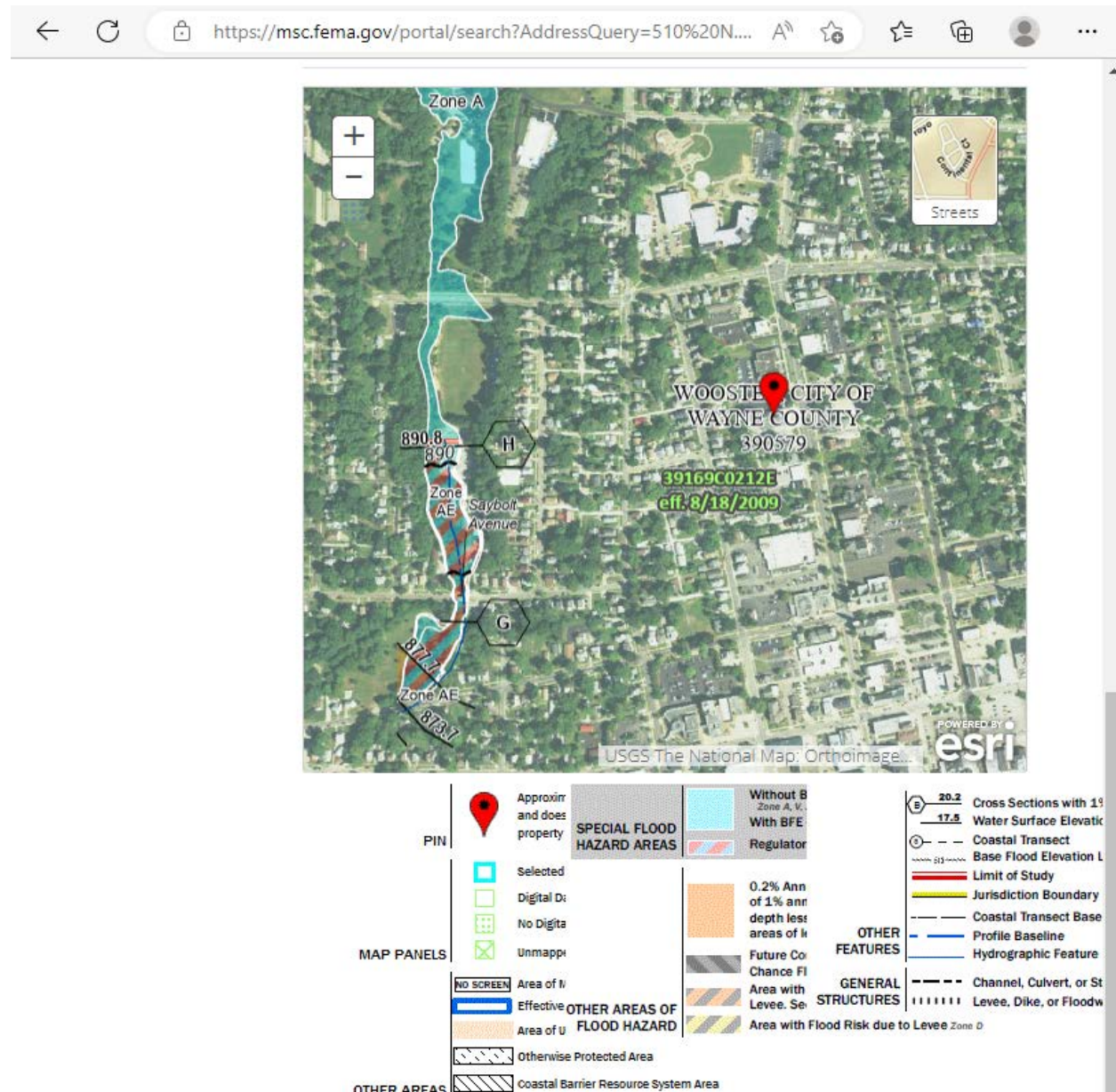
**Architecture Development Reviews Manager, State Historic Preservation Office**

Ohio History Connection | 800 East 17<sup>th</sup> Avenue, Columbus, OH 43211

Cell: 614-570-0374 | [jmorneau@ohiohistory.org](mailto:jmorneau@ohiohistory.org)

## Exhibit 2: Floodplain Management

Federal Emergency Management Agency Wayne County Flood Insurance Rate Maps



<https://msc.fema.gov/portal/search?AddressQuery=510%20N.%20Market%20Street%20Wooster%20Ohio#searchresultsanchor>



This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly those

[illegible]

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Journal compilation © 2015 Association for Humanistic Neuroscience

NOAA, NIOOS12  
National Oceanic Survey  
SSM-C-4 #2002  
1315 East-West Highway  
Silver Spring, Maryland 20910-3282  
(301) 713-3242

Base Map information shown on this *PRISM* was derived from multiple sources. Please note that this was created in digital form by Wayne County GIS Department. Search marks shown on this map, please contact the Information Services Branch of the National Geographic Survey at (301) 713-3242 or visit us website at <http://www.ngs.mda.gov/>.

United States Geological Survey, National Geologic Survey, Address: 12201 Sunrise Valley Drive, Reston, VA 20192-1212. The data were geographically compiled at a scale of 1:12,000 from aerial photography dated 2004.

adjusted to conform to these new stream channel configurations. As a result, Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel discharges that differ from what is shown on this map.

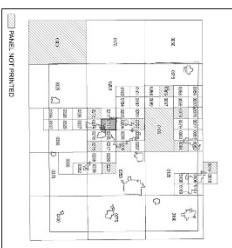
Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a listing of Communities that contain National Flood Insurance Program zones for 1982 community as well as before of the floods on which 1982 specialists community address to verify current corporate limit locations.

Contact the FEMA Map Service Center at 1-800-325-8270 for information on available products. Associated with this FEMA Analysis products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 404-546-0670 and its website at [www.fema.gov](http://www.fema.gov).

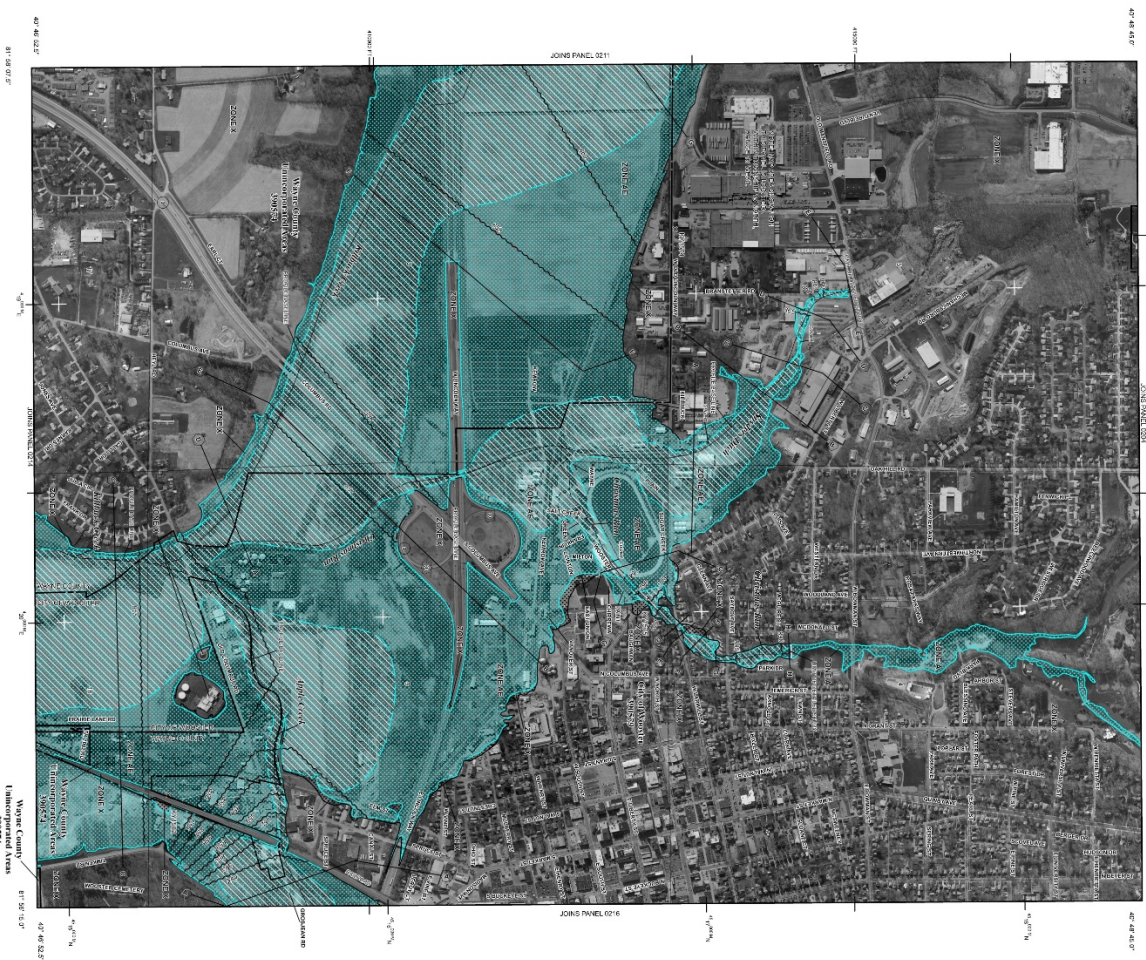
If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/nationalflood>.

The *Profile Baseline* described on this page represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the *Profile Baseline*, in some cases, may deviate significantly from the observed crestline or appear outside the FISMA.

\_\_\_\_\_



## 01/08/07.5



SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% overall chloride level (320 ppm total), also known as the base level, is the threshold at which a 1% chance of being detected or exceeded is not worth the cost. The specific chloride level is the one subject to testing by the 1% overall chloride level. Because the Good Housekeeping name is used, the 1% overall chloride level is the maximum chloride level in the wastewater effluent of the 1% overall chloride level.

[illegible]

**ZONE AIR**  
Area of space food buyers selected from the 15, measured three times over a four-year time was significantly decreased. Data do indicate that the better food code system being studied to provide protection from the 15, overall there is 3,000 food.

[illegible]

**FLUORESCENT FACETS IN ZONE A/C**

**OTHER FLOOD AREAS**

**2002 X**

*Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with average depths less than 1 foot and areas estimated to be less than 100 ft. A flood of 0.2% annual chance flood is a flood that has a 0.2% probability of occurring in any given year.*

**OTHER AREAS**

Areas determined to be outside of the 0.2% organic carbon fraction. Areas in which food hazards are identified, but possible food.

OTHERWISE PROTECTED AREAS (OPAs)

Legend

- 7% annual change foodline boundary
- 0.2% annual change foodline boundary
- Foodline boundary
- Zone D boundary

[illegible]

Yes, we  
 identified the North American market before 1980  
 Cross section line  
 Time series line  
 Geographic boundaries referred to the North American

[illegible]

**MAP REPOSITORY**  
Refer to listing of Map Repositories on this page  
EFFECTIVE DATE OF COUNTRY CODE  
FLOOD INSURANCE RATE MAP

May 17, 1999  
53-9993

For *CON/OW*, the action history *past* is complete (up to the Commission). *OW* history is located in the Flood Insurance Study report to its jurisdiction. To illustrate if flood insurance is available in the community, state's past transactions report or call the National Flood Insurance Program at 1-800-558-0921.

**NIP**  
PANEL 0212E

**FIRM**  
FLOOD INSURANCE RATE MAP  
WAYNE COUNTY.

**OHIO**  
AND INCORPORATED AREAS  
PANEL 212 OF 400

**RANGE**

1. PROFILE 2. 1/2" ON 1" (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

SUBJECT PANEL SUB

COMMENTS

	INSURANCE	
STATE COUNTY	0067	002
WISCONSIN CITY OF	00679	002

**FLOOD**

MAP NUMBER  
39169C0212  
MAP REVISION

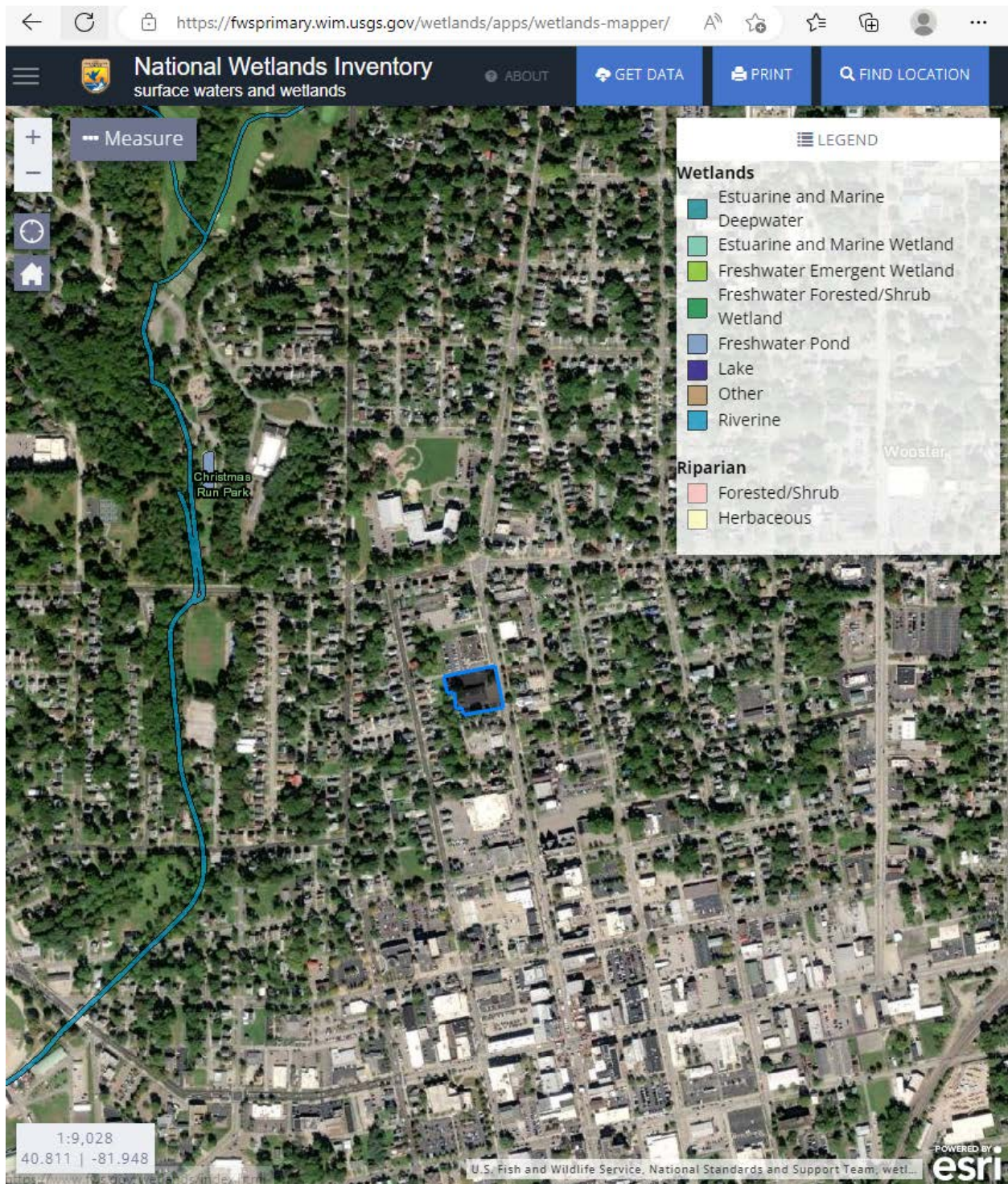
MAF REVISED  
AUGUST 18, 2005

[illegible]



## Exhibit 3: Wetland Protection

US Fish and Wildlife National Wetlands Inventory Map

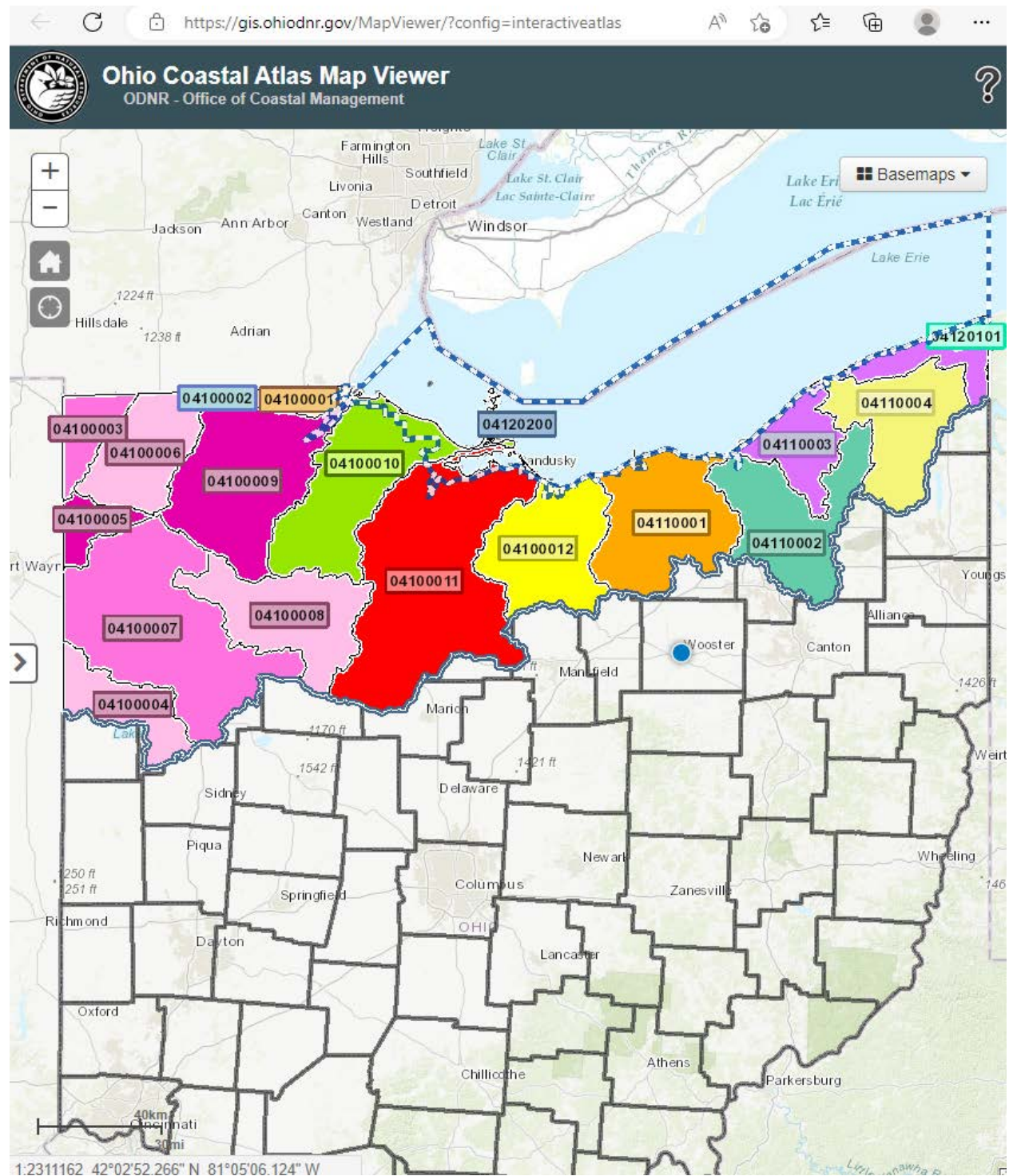


<https://fwspriamry.wim.usgs.gov/wetlands/apps/wetlands-mapper/>



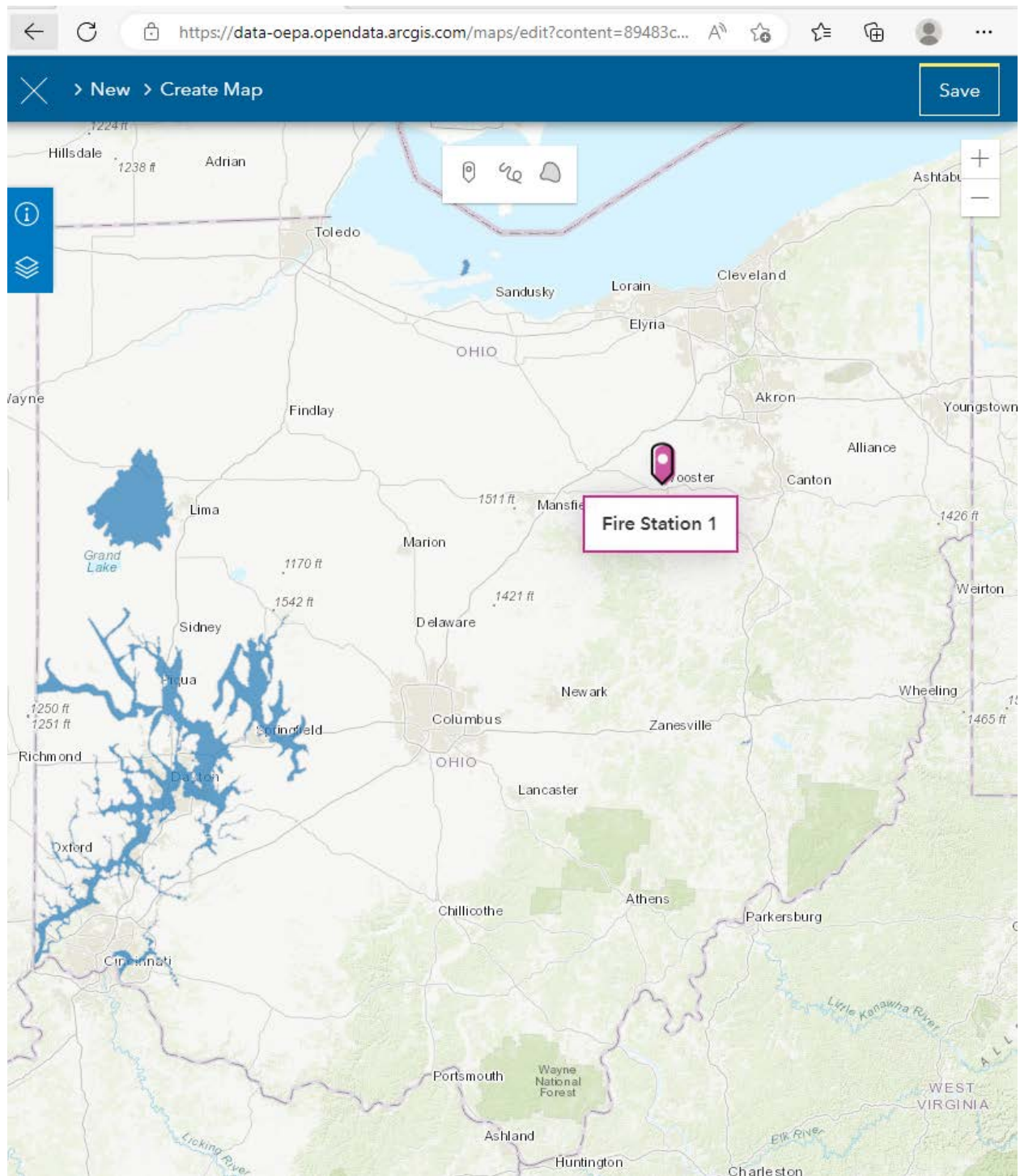
## Exhibit 4: Coastal Zone Management

Ohio Office of Coastal Management Map of Lake Erie Watersheds and Management Zone



## Exhibit 5: Sole Source Aquifers

Ohio Environmental Protection Agency Website and Map



[https://data-oepa.opendata.arcgis.com/maps/edit?content=89483ce7ac02476988e9b736b097091b\\_10](https://data-oepa.opendata.arcgis.com/maps/edit?content=89483ce7ac02476988e9b736b097091b_10)



## **Exhibit 6: Endangered Species**

*US Fish and Wildlife Listed Threatened, Endangered, Proposed, and Candidate Species*

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### ***Attachments:***

- *Letter: USFW List of Threatened and Endangered Species...*
- *IPAC Forms*
- *Wayne County State Listed Animal Species*
- *Wayne County State Listed Plant Species*

*<https://ohiodnr.gov/discover-and-learn/safety-conservation/about-ODNR/wildlife/documents-publications/wildlife-plants-county>*



## United States Department of the Interior

### FISH AND WILDLIFE SERVICE

Ohio Ecological Services Field Office

4625 Morse Road, Suite 104

Columbus, OH 43230-8355

Phone: (614) 416-8993 Fax: (614) 416-8994



In Reply Refer To:

January 11, 2023

Project Code: 2023-0033048

Project Name: 1-Fire Station 1 Rehab & Expansion/1-Fire Protect. Fac. & Equip.

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological



evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

**Migratory Birds:** In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

---

Attachment(s):

- Official Species List



## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Ohio Ecological Services Field Office**

4625 Morse Road, Suite 104

Columbus, OH 43230-8355

(614) 416-8993

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## Project Summary

Project Code: 2023-0033048

Project Name: 1-Fire Station 1 Rehab & Expansion/1-Fire Protect. Fac. & Equip.

Project Type: New Constr - Above Ground

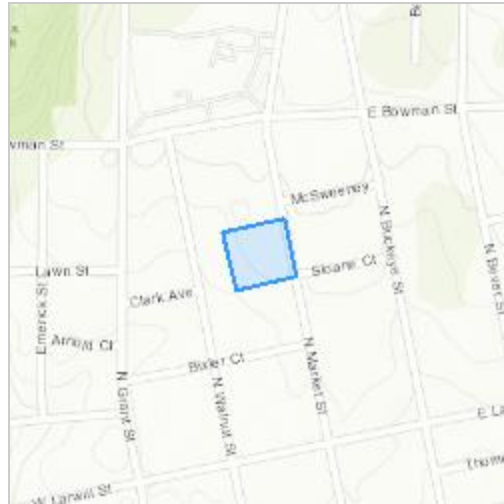
Project Description: This activity will enable the rehabilitation and expansion of Fire Station 1, Wooster's oldest fire station which serves Wayne County's greatest concentration of LMI households and largest collection of historic properties. The 61-year old facility fails to meet multiple National Fire Protection Association (NFPA) standards for modern services. Specifically, Fire Station 1 is under-sized, with an apparatus bay which has become increasingly small due to the size of modern-day fire and EMS apparatus and equipment, an administrative operations area which lacks safety and functional space, and constrained and life support areas that do not provide the needed safety (including spaces to minimize infectious disease spread) and security for staff members. The facility also lacks appropriate ventilation, utilities, and plumbing, contributing to safety risks and growth of mold. A successful renovation of the facility's 10,148 square feet with up to a 4,828 square foot addition would provide the City of Wooster a fire station that meets current building codes & standards, allowing the City to continue to provide safety services to the citizens, businesses, and visitors to the City and its mutual aid partners in Wayne County. This project would have already moved forward, but for unexpected material and labor cost increases which have now prevented the City's ability to move forward. With support through OCD's CDBG program, Wooster would be in position yet to commence this project late this year. The construction project is shovel ready and would provide the needed space, functional areas, and address the failing infrastructure (mechanical, plumbing, electrical) of a public safety facility that is occupied 24 hours a day / 365 days a year. With support from the CDBG Allocation Program and the companion Critical Infrastructure Grant, the project could move forward immediately.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.80296205,-81.94173354810866,14z>

---





Counties: Wayne County, Ohio

## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/5949">https://ecos.fws.gov/ecp/species/5949</a>	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

## Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Flowering Plants

NAME	STATUS
Eastern Prairie Fringed Orchid <i>Platanthera leucophaea</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/601">https://ecos.fws.gov/ecp/species/601</a>	Threatened



## **Critical habitats**

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

## **IPaC User Contact Information**

Agency: Wooster city  
Name: Jonathan Millea  
Address: 538 N. Market Street  
City: Wooster  
State: OH  
Zip: 44691  
Email: jmillea@woosteroh.com  
Phone: 3302635250

## **Lead Agency Contact Information**

Lead Agency: Department of Housing and Urban Development

---



# Endangered Species Act Review

## Step 4: Download documentation

Review the guidance below and generate and download documents for your records.

---

- 1 Request an official species list

Complete

- 2 Evaluate determination keys

Complete

- 3 Analyze Project (optional)

# Endangered Species Act Review

## Step 2: Evaluate determination keys

The U.S. Fish and Wildlife Service has performed up-front analyses for certain project types, agencies, and species. The analyses have been compiled into *determination keys*, a simple interview process to help you arrive at a recommended determination for some species in your project area.

---

There are 2 determination keys that may apply to your project. Each determination key starts with a qualification interview to see if the key is appropriate for your project.

- FHWA, FRA, FTA Programmatic Consultation for Transportation Projects affecting NLEB or Indiana Bat

The key is intended for projects funded or authorized by FHWA, FRA, or FTA, that may affect the endangered Indiana bat and/or the threatened northern long-eared bat, which requires consultation with the USFWS under Section 7 of the ESA.

You have skipped this determination key.

- Northern Long-Eared Bat (NLEB) Consultation and 4(d) Rule Consistency

This key expedites the optional streamlined consultation framework for the NLEB for Federal agencies & provides users who are not with or representing Federal agencies a mechanism to ensure their actions are consistent with the NLEB 4(d) rule.

You have skipped this determination key.

*NOTE: City of Wooster will abide by Ohio Department of Natural Resource Standards with regard to any incidental disturbance of lawn trees (none planned). This includes a prohibition against disturbance from April 1 through October 1, as lawn trees are capable of supporting the endangered Indiana Bat and Northern Long-Eared Bat in warmer months during roosting.*



# Endangered Species Act Review

## Step 3: Analyze project using the CPB (optional)

If there are listed species<sup>1</sup> expected to occur in your project area that have not been addressed by a Determination Key (DKey), IPaC's Consultation Package Builder (CPB) can help you further analyze your project and make effect determinations for those species. The CPB is a robust series of interviews and mappers that walks you through an interactive, step-by-step process to help you prepare a full consultation package leveraging U.S. Fish and Wildlife Service data and recommendations, including conservation measures designed to help you avoid or minimize effects to listed species. When finished, you can generate an environmental review document (appropriate as Biological Assessment) that can be submitted to the U.S. Fish and Wildlife Service for consultation.

---

Have you have determined that your project will have no effect on all species not covered by a DKey?

☒ Yes

**Using CPB is optional, however, you may wish to skip using the CPB.**

Since you answered yes to one or more of the previous questions, you may wish to skip using the CPB. The robust analysis process of the CPB is likely not necessary for projects which meet any of the above criteria.

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

# Wayne County State Listed Animal Species

Common Name	Scientific Name	Group	State Status	Federal Status
American Bittern	<i>Botaurus lentiginosus</i>	Bird	Endangered	
Northern Harrier	<i>Circus hudsonius</i>	Bird	Endangered	
Indiana Myotis	<i>Myotis sodalis</i>	Mammal	Endangered	Endangered
Smooth Greensnake	<i>Opheodrys vernalis</i>	Reptile	Endangered	
Trumpeter Swan	<i>Cygnus buccinator</i>	Bird	Threatened	
Sandhill Crane	<i>Grus canadensis</i>	Bird	Threatened	
Least Bittern	<i>Ixobrychus exilis</i>	Bird	Threatened	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Bird	Threatened	
Barn Owl	<i>Tyto alba</i>	Bird	Threatened	
Riffle snaketail	<i>Ophiogomphus carolus</i>	Dragonfly	Threatened	
Lake Chubsucker	<i>Erimyzon sucetta</i>	Fish	Threatened	
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Mammal	Threatened	Threatened
Kirtland's Snake	<i>Clonophis kirtlandii</i>	Reptile	Threatened	
Four-toed Salamander	<i>Hemidactylium scutatum</i>	Amphibian	Species of Concern	
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Bird	Species of Concern	
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	Bird	Species of Concern	
Common Nighthawk	<i>Chordeiles minor</i>	Bird	Species of Concern	
Marsh Wren	<i>Cistothorus palustris</i>	Bird	Species of Concern	
Sedge Wren	<i>Cistothorus platensis</i>	Bird	Species of Concern	
Northern Bobwhite	<i>Colinus virginianus</i>	Bird	Species of Concern	





Common Name	Scientific Name	Group	State Status	Federal Status
Bobolink	<i>Dolichonyx oryzivorus</i>	Bird	Species of Concern	
American Coot	<i>Fulica americana</i>	Bird	Species of Concern	
Common Gallinule	<i>Gallinula galeata</i>	Bird	Species of Concern	
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	Bird	Species of Concern	
Vesper Sparrow	<i>Pooecetes gramineus</i>	Bird	Species of Concern	
Sora Rail	<i>Porzana carolina</i>	Bird	Species of Concern	
Prothonotary Warbler	<i>Protonotaria citrea</i>	Bird	Species of Concern	
Virginia Rail	<i>Rallus limicola</i>	Bird	Species of Concern	
Cerulean Warbler	<i>Setophaga cerulea</i>	Bird	Species of Concern	
Star-nosed Mole	<i>Condylura cristata</i>	Mammal	Species of Concern	
Big Brown Bat	<i>Eptesicus fuscus</i>	Mammal	Species of Concern	
Red Bat	<i>Lasiurus borealis</i>	Mammal	Species of Concern	
Hoary Bat	<i>Lasiurus cinereus</i>	Mammal	Species of Concern	
Little Brown Bat	<i>Myotis lucifugus</i>	Mammal	Species of Concern	
Tri-colored Bat	<i>Perimyotis subflavus</i>	Mammal	Species of Concern	
Smoky Shrew	<i>Sorex fumeus</i>	Mammal	Species of Concern	
Badger	<i>Taxidea taxus</i>	Mammal	Species of Concern	
none	<i>Maccaffertium ithaca</i>	Mayfly	Species of Concern	
Creek Heelsplitter	<i>Lasmigona compressa</i>	Mollusk	Species of Concern	
Kidneyshell	<i>Ptychobranhus fasciolaris</i>	Mollusk	Species of Concern	
Queensnake	<i>Regina septemvittata</i>	Reptile	Species of Concern	
Green-winged Teal	<i>Anas crecca</i>	Bird	Special Interest	



Common Name	Scientific Name	Group	State Status	Federal Status
American Black Duck	Anas rubripes	Bird	Special Interest	
Brown Creeper	Certhia americana	Bird	Special Interest	
Least Flycatcher	Empidonax minimus	Bird	Special Interest	
Yellow-crowned Night-Heron	Nyctanassa violacea	Bird	Special Interest	
Magnolia Warbler	Setophaga magnolia	Bird	Special Interest	
Red-breasted Nuthatch	Sitta canadensis	Bird	Special Interest	
Western Meadowlark	Sturnella neglecta	Bird	Special Interest	
Winter Wren	Troglodytes hiemalis	Bird	Special Interest	
Blue-headed Vireo	Vireo solitarius	Bird	Special Interest	







## Wayne County

Scientific Name	Common Name	Last Observed	State Status	Federal Status
<i>Callitriche verna</i>	Vernal Water-starwort	1978-06	T	
<i>Calopogon tuberosus</i>	Grass-pink	1997-06-28	T	
<i>Carex alata</i>	Broad-winged Sedge	1989-09	P	
<i>Carex cephaloidea</i>	Thin-leaved Sedge	2006-06-12	P	
<i>Carex lasiocarpa</i>	Slender Sedge	2001-06-30	P	
<i>Carex limosa</i>	Mud Sedge	2011-06-09	E	
<i>Carex sprengelii</i>	Sprengel's Sedge	2005-06-08	T	
<i>Corallorhiza maculata</i>	Spotted Coral-root	1994-09-08	P	
<i>Eriophorum virginicum</i>	Tawny Cotton-grass	2007-10-31	T	
<i>Lechea intermedia</i>	Round-fruited Pinweed	1977-09-18	P	
<i>Lechea pulchella</i>	Leggett's Pinweed	1977-07-19	T	
<i>Melanthium virginicum</i>	Bunchflower	1997-06-29	T	
<i>Menyanthes trifoliata</i>	Buckbean	2011-06-09	T	
<i>Plagiothecium latebricola</i>	Lurking Leskea	1996-12-15	T	
<i>Platanthera leucophaea</i>	Prairie Fringed Orchid	2012-07-03	T	FT
<i>Platanthera psycodes</i>	Small Purple Fringed Orchid	2008-08-10	P	
<i>Pogonia ophioglossoides</i>	Rose Pogonia	2013-06-17	T	
<i>Potentilla palustris</i>	Marsh Five-finger	2001-06-30	T	
<i>Rhynchospora alba</i>	White Beak-rush	2004-06-26	P	
<i>Sagittaria rigida</i>	Deer's-tongue Arrowhead	2009-06-23	P	
<i>Sarracenia purpurea</i>	Pitcher-plant	2013-06-17	T	
<i>Scheuchzeria palustris</i>	Scheuchzeria	2013-06-17	E	
<i>Wolffiella gladiata</i>	Wolffiella	2008-06-18	P	



Ohio Division of Wildlife

Ohio Natural Heritage Database

Date Accessed: March 6, 2015

Status based on 2014-15 Rare Plant List.

### Status:

X = Extirpated



## Wayne County

Scientific Name	Common Name	Last Observed	State Status	Federal Status
-----------------	-------------	---------------	--------------	----------------

*E = Endangered*

*T = Threatened*

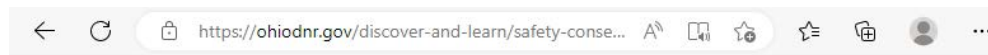
*P = Potentially Threatened*

List Created: July 2016



## Exhibit 7: Wild and Scenic Rivers

Ohio Department of Natural Resources - Map of Scenic Rivers in Ohio



### OHIO'S SCENIC RIVERS PROGRAM



Scenic Rivers is a program within the [Division of Natural Areas and Preserves](#).

The mission of the Ohio Scenic Rivers Program is to work cooperatively with local governments, businesses, landowners, non-profit organizations and other state and federal agencies to protect the aquatic resources and terrestrial communities dependent on healthy riparian habitats.

Ohio currently has 15 designated Wild, Scenic and/or Recreational rivers comprising 27 stream segments. More than 830 river miles are protected in the Ohio scenic river system. Three state-designated streams — the Little Miami River, Big and Little Darby Creeks, and Little Beaver Creek — are also designated as National Scenic Rivers.



<https://ohiodnr.gov/discover-and-learn/safety-conservation/about-ODNR/nature-preserves/scenic-rivers/scenic-rivers-program>

## **Exhibit 8: Air Quality**

*Ohio Environmental Protection Agency State Implementation Plan Attainment Maps*

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### ***Attachments:***

- *Ohio 1997 Eight-Hour Ozone (0.08 ppm)*
- *Ohio 2008 Eight-Hour Ozone (0.075 ppm)*
- *Ohio 2015 Eight-Hour Ozone (0.070 ppm) Nonattainment Areas*
- *Ohio 1997 Annual PM<sub>2.5</sub> (15 ug/m<sup>3</sup>)*
- *Ohio 2006 24-Hour PM<sub>2.5</sub> (35 ug/m<sup>3</sup>)*
- *Ohio 2012 Annual PM<sub>2.5</sub> (12.0 ug/m<sup>3</sup>)*
- *Ohio 2010 1-Hour SO<sub>2</sub> (75 ppb)*
- *Ohio 2008 Lead (0.15 µg/m<sup>3</sup>)*



# Ohio 1997 Eight-Hour Ozone (0.08 ppm) Nonattainment Areas Effective 06/15/2004

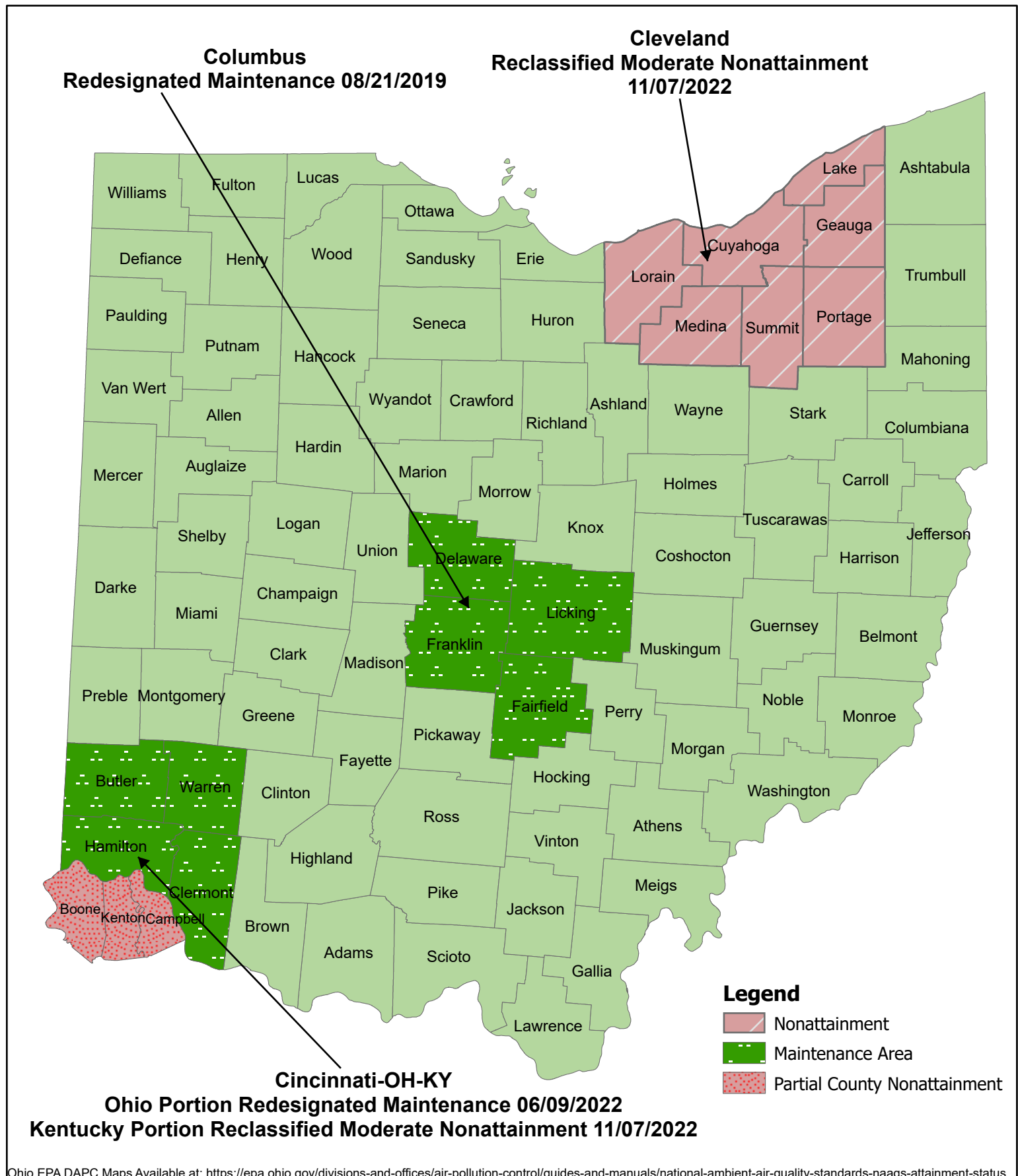


# Ohio 2008 Eight-Hour Ozone (0.075 ppm) Nonattainment Areas Effective 07/20/2012

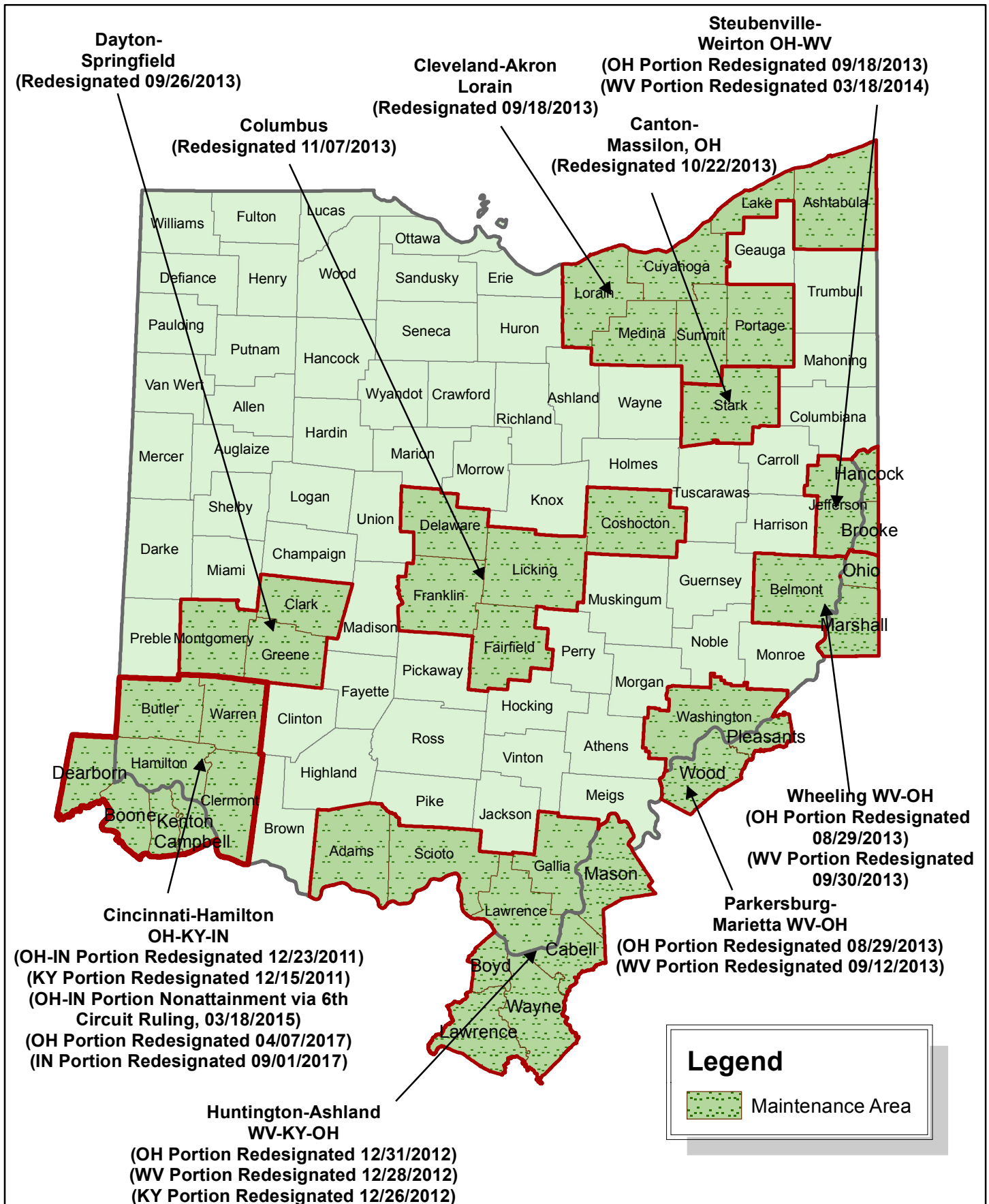




Original Designations of Marginal Effective 08/03/2018  
Reclassified Designation of Moderate Effective 11/07/2022

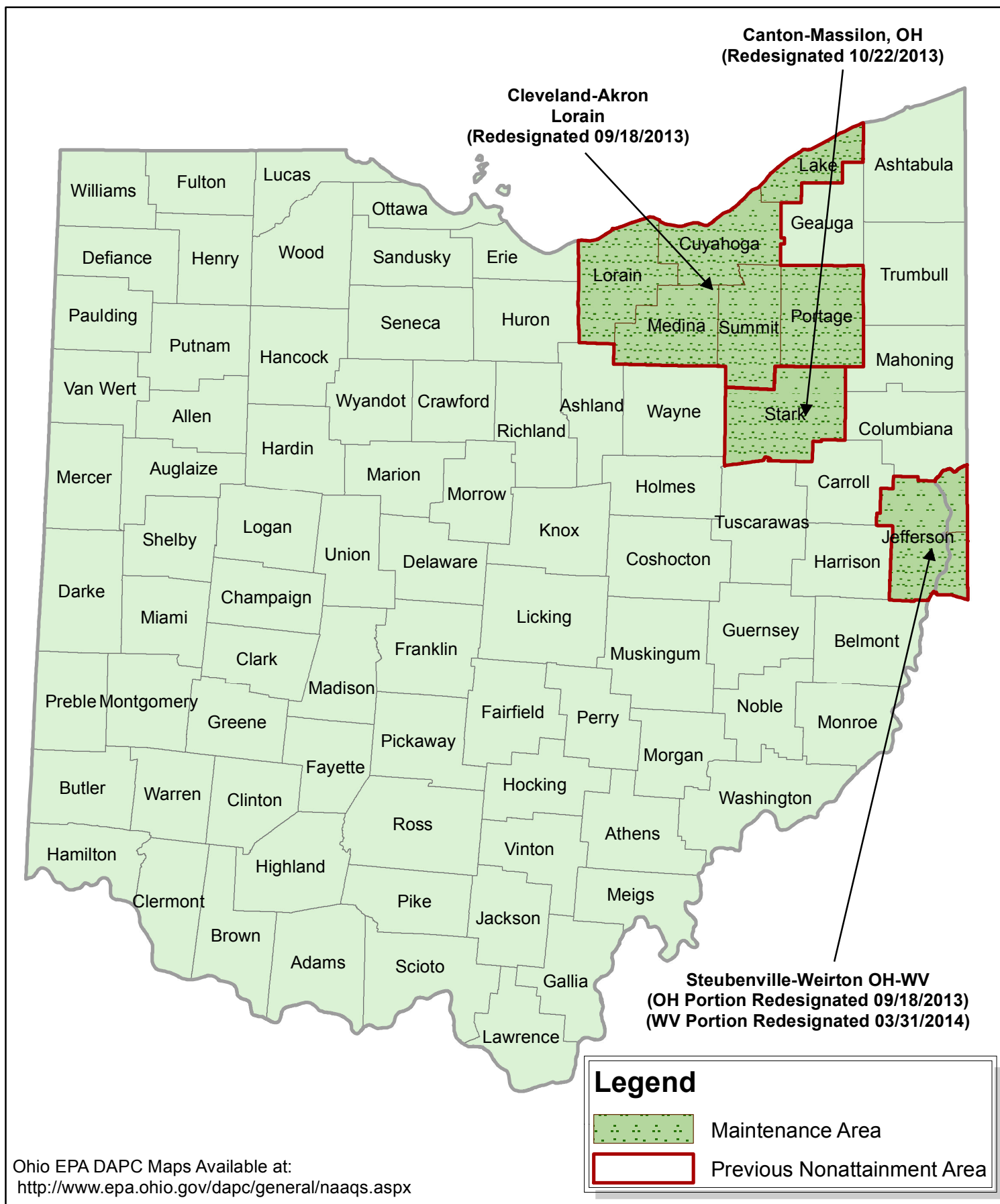


# Ohio 1997 Annual PM2.5 (15 ug/m3) Nonattainment Areas Effective 04/05/2005



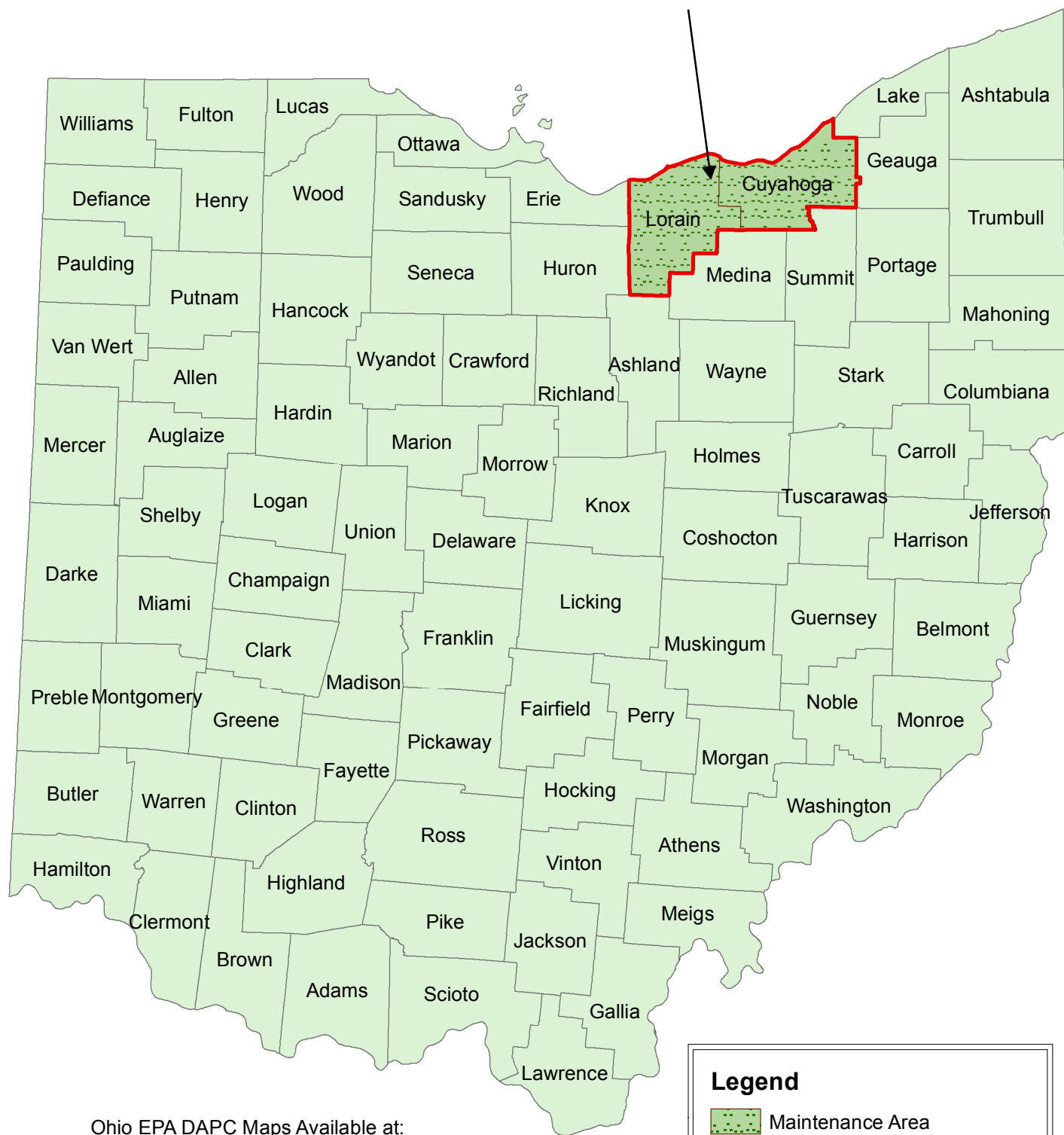


Ohio 2006 24-Hour PM<sub>2.5</sub> (35 ug/m<sup>3</sup>)  
Nonattainment Areas  
Effective 12/14/2009



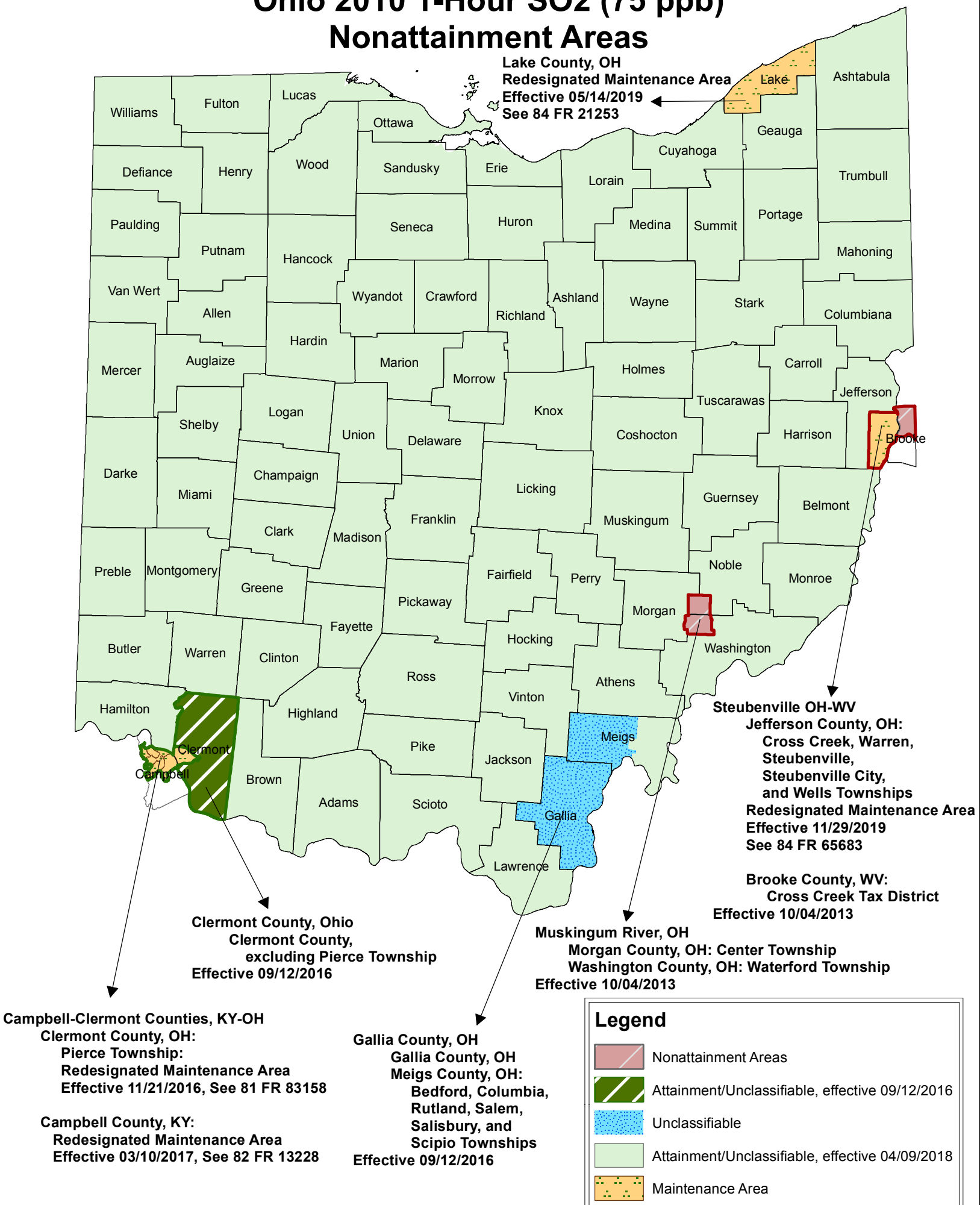
Ohio 2012 Annual PM2.5 (12.0 ug/m3)  
Nonattainment Areas  
Effective 04/15/2015

Cleveland, OH  
(Redesignated 04/12/2019)





# Ohio 2010 1-Hour SO<sub>2</sub> (75 ppb) Nonattainment Areas



# Ohio 2008 Lead ( $0.15 \mu\text{g}/\text{m}^3$ )

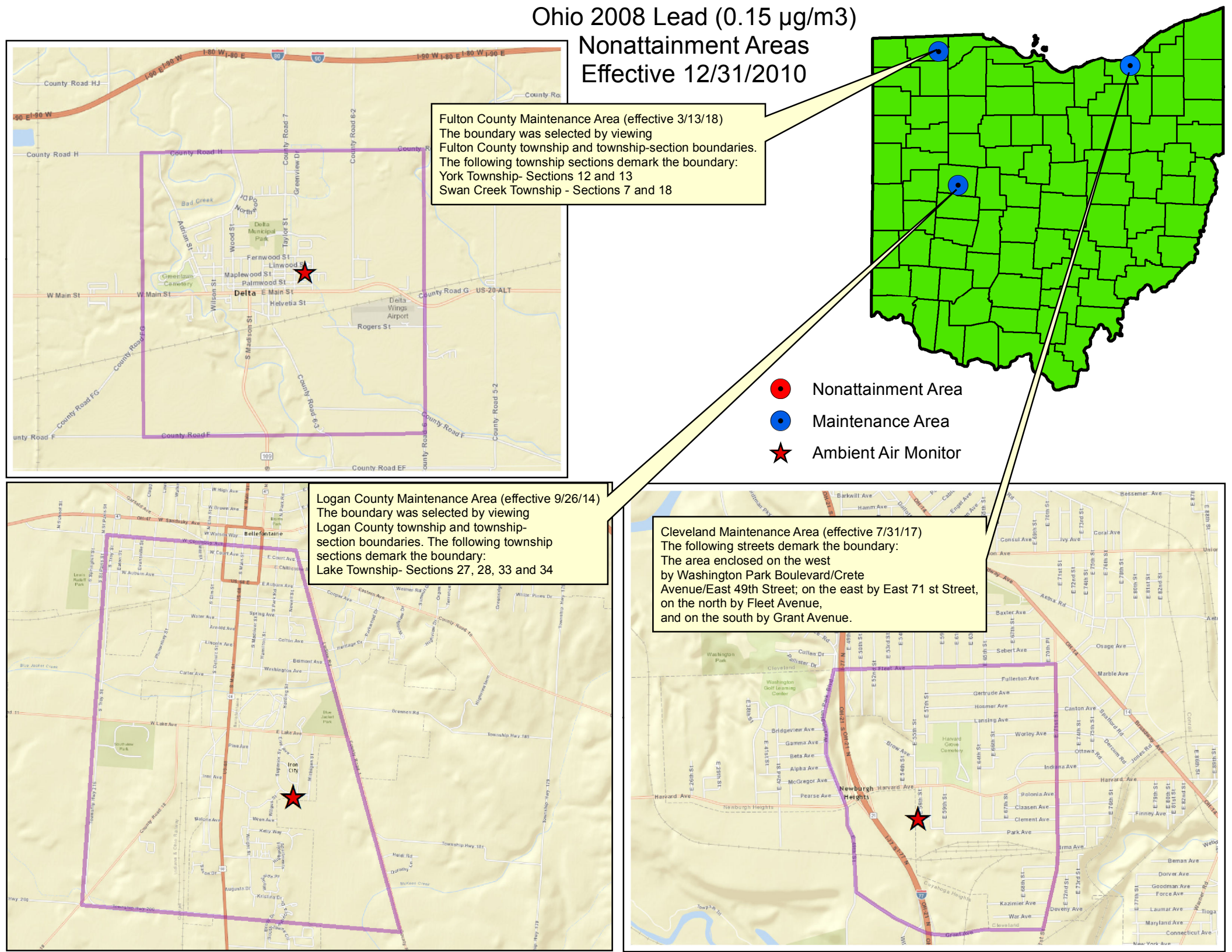
## Nonattainment Areas Effective 12/31/2010

**Fulton County Maintenance Area (effective 3/13/18)**  
The boundary was selected by viewing  
Fulton County township and township-section boundaries.  
The following township sections demark the boundary:  
York Township- Sections 12 and 13  
Swan Creek Township - Sections 7 and 18

- Nonattainment Area
- Maintenance Area
- ★ Ambient Air Monitor

**Logan County Maintenance Area (effective 9/26/14)**  
The boundary was selected by viewing  
Logan County township and township-section boundaries. The following township sections demark the boundary:  
Lake Township- Sections 27, 28, 33 and 34

**Cleveland Maintenance Area (effective 7/31/17)**  
The area enclosed on the west  
by Washington Park Boulevard/Crete  
Avenue/East 49th Street; on the east by East 71 st Street,  
on the north by Fleet Avenue,  
and on the south by Grant Avenue.



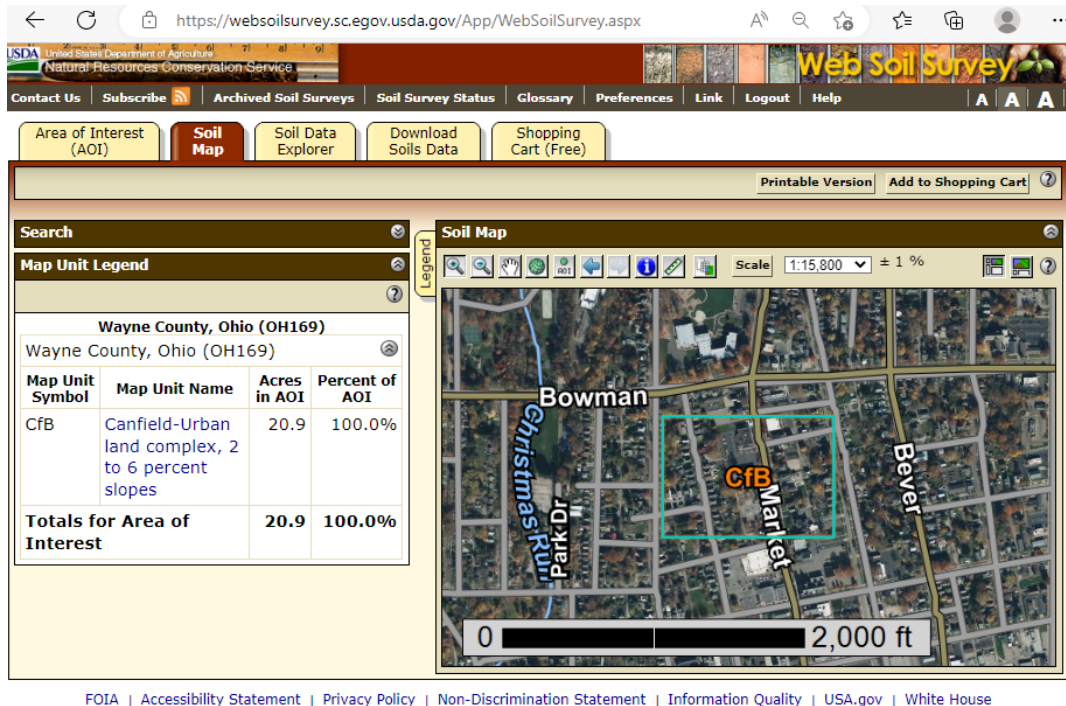


## Exhibit 9: Farmland Protection

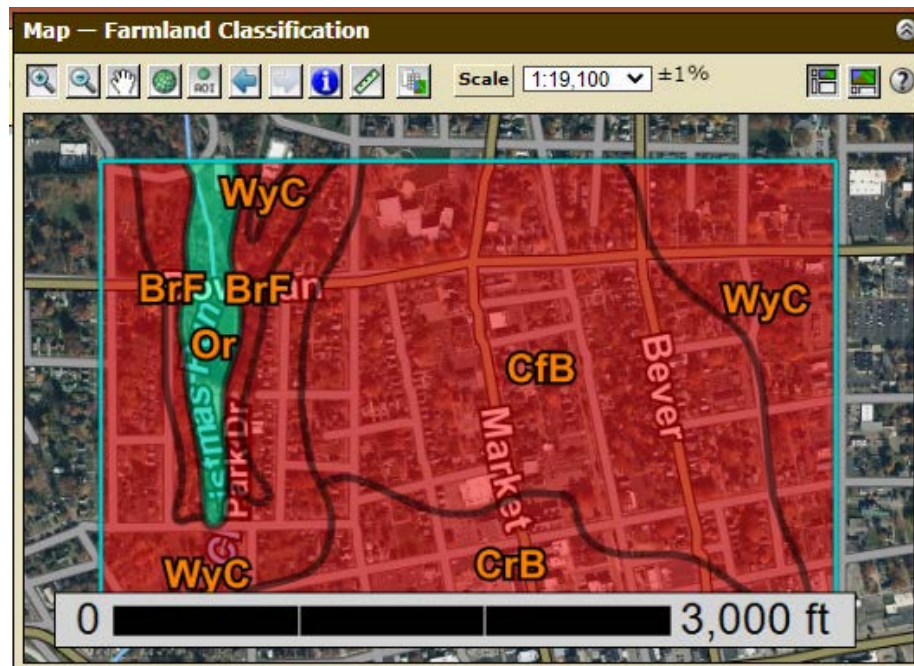
### USDA Prime Farmland Report for Project Area

#### Attachments:

- Prime and other Important Farmlands Report



[FOIA](#) | [Accessibility Statement](#) | [Privacy Policy](#) | [Non-Discrimination Statement](#) | [Information Quality](#) | [USA.gov](#) | [White House](#)



*Nearest suitable soils for farmland are contained within Christmas Run Creek banks.*

## Report — Physical Soil Properties

Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Wayne County, Ohio

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
CfB— Canfield-Urban land complex, 2 to 6 percent slopes														
Canfield	0-6	10-23-35	50-63-75	10-14-22	1.30-1.40-1.50	1.00-5.50-10.00	0.17-0.22-0.22	0.6- 1.1- 2.0	1.0-3.3- 7.0	.37	.37	4	5	56
	6-9	10-22-35	45-59-70	10-19-22	1.30-1.40-1.50	1.00-5.50-10.00	0.14-0.20-0.20	0.6- 1.5- 2.0	0.5-0.7- 1.5	.49	.49			
	9-15	10-26-35	40-51-65	18-23-27	1.35-1.45-1.60	1.00-5.50-10.00	0.14-0.20-0.20	1.1- 2.1- 2.7	0.3-0.5- 1.0	.49	.49			
	15-21	15-30-50	30-47-60	18-23-27	1.35-1.45-1.60	1.00-5.50-10.00	0.14-0.16-0.20	0.8- 1.4- 2.1	0.3-0.3- 1.0	.43	.43			
	21-26	20-35-50	30-39-60	18-26-27	1.35-1.45-1.60	1.00-5.50-10.00	0.14-0.15-0.20	0.8- 1.7- 2.1	0.3-0.3- 1.0	.37	.37			
	26-38	20-38-55	30-41-60	15-21-27	1.65-1.75-1.90	0.10-0.55-1.00	0.01-0.02-0.02	0.7- 1.2- 1.8	0.1-0.3- 0.5	.43	.43			
	38-45	20-40-65	20-40-60	15-20-27	1.65-1.75-1.90	0.10-0.55-1.00	0.01-0.02-0.02	0.7- 1.2- 1.8	0.1-0.3- 0.5	.43	.43			
	45-62	20-43-65	20-40-60	10-17-25	1.55-1.70-1.85	0.10-0.55-1.00	0.01-0.02-0.02	0.5- 1.3- 2.3	0.0-0.3- 0.3	.43	.43			
	62-80	20-46-65	20-40-60	5-14-25	1.55-1.70-1.85	0.10-0.55-1.00	0.01-0.02-0.02	0.2- 1.0- 2.3	0.0-0.2- 0.3	.49	.49			
Urban land	—	—	—	—	—	—	—	—	—					

## Description — Physical Soil Properties

### Physical Soil Properties

This table shows estimates of some physical characteristics and features that affect soil behavior. These estimates are given for the layers of each soil in the survey area. The estimates are based on field observations and on test data for these and similar soils.

*Depth* to the upper and lower boundaries of each layer is indicated.

Particle size is the effective diameter of a soil particle as measured by sedimentation, sieving, or micrometric methods. Particle sizes are expressed as classes with specific effective diameter class limits. The broad classes are sand, silt, and clay, ranging from the larger to the smaller.

*Sand* as a soil separate consists of mineral soil particles that are 0.05 millimeter to 2 millimeters in diameter. In this table, the estimated sand content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

*Silt* as a soil separate consists of mineral soil particles that are 0.002 to 0.05 millimeter in diameter. In this table, the estimated silt content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

*Clay* as a soil separate consists of mineral soil particles that are less than 0.002 millimeter in diameter. In this table, the estimated clay content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

The content of sand, silt, and clay affects the physical behavior of a soil. Particle size is important for engineering and agronomic interpretations, for determination of soil hydrologic qualities, and for soil classification.



The amount and kind of clay affect the fertility and physical condition of the soil and the ability of the soil to adsorb cations and to retain moisture. They influence shrink-swell potential, saturated hydraulic conductivity (Ksat), plasticity, the ease of soil dispersion, and other soil properties. The amount and kind of clay in a soil also affect tillage and earthmoving operations.

*Moist bulk density* is the weight of soil (ovendry) per unit volume. Volume is measured when the soil is at field moisture capacity, that is, the moisture content at 1/3- or 1/10-bar (33kPa or 10kPa) moisture tension. Weight is determined after the soil is dried at 105 degrees C. In the table, the estimated moist bulk density of each soil horizon is expressed in grams per cubic centimeter of soil material that is less than 2 millimeters in diameter. Bulk density data are used to compute linear extensibility, shrink-swell potential, available water capacity, total pore space, and other soil properties. The moist bulk density of a soil indicates the pore space available for water and roots. Depending on soil texture, a bulk density of more than 1.4 can restrict water storage and root penetration. Moist bulk density is influenced by texture, kind of clay, content of organic matter, and soil structure.

*Saturated hydraulic conductivity (Ksat)* refers to the ease with which pores in a saturated soil transmit water. The estimates in the table are expressed in terms of micrometers per second. They are based on soil characteristics observed in the field, particularly structure, porosity, and texture. Saturated hydraulic conductivity (Ksat) is considered in the design of soil drainage systems and septic tank absorption fields.

*Available water capacity* refers to the quantity of water that the soil is capable of storing for use by plants. The capacity for water storage is given in inches of water per inch of soil for each soil layer. The capacity varies, depending on soil properties that affect retention of water. The most important properties are the content of organic matter, soil texture, bulk density, and soil structure. Available water capacity is an important factor in the choice of plants or crops to be grown and in the design and management of irrigation systems. Available water capacity is not an estimate of the quantity of water actually available to plants at any given time.

*Linear extensibility* refers to the change in length of an unconfined clod as moisture content is decreased from a moist to a dry state. It is an expression of the volume change between the water content of the clod at 1/3- or 1/10-bar tension (33kPa or 10kPa tension) and oven dryness. The volume change is reported in the table as percent change for the whole soil. The amount and type of clay minerals in the soil influence volume change.

Linear extensibility is used to determine the shrink-swell potential of soils. The shrink-swell potential is low if the soil has a linear extensibility of less than 3 percent; moderate if 3 to 6 percent; high if 6 to 9 percent; and very high if more than 9 percent. If the linear extensibility is more than 3, shrinking and swelling can cause damage to buildings, roads, and other structures and to plant roots. Special design commonly is needed.

*Organic matter* is the plant and animal residue in the soil at various stages of decomposition. In this table, the estimated content of organic matter is expressed as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter. The content of organic matter in a soil can be maintained by returning crop residue to the soil.

Organic matter has a positive effect on available water capacity, water infiltration, soil organism activity, and tilth. It is a source of nitrogen and other nutrients for crops and soil organisms.

*Erosion factors* are shown in the table as the K factor (Kw and Kf) and the T factor. Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and Ksat. Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

*Erosion factor Kw* indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

*Erosion factor Kf* indicates the erodibility of the fine-earth fraction, or the material less than 2 millimeters in size.

*Erosion factor T* is an estimate of the maximum average annual rate of soil erosion by wind and/or water that can occur without affecting crop productivity over a sustained period. The rate is in tons per acre per year.

*Wind erodibility groups* are made up of soils that have similar properties affecting their susceptibility to wind erosion in cultivated areas. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible. The groups are described in the "National Soil Survey Handbook."

*Wind erodibility index* is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. There is a close correlation between wind erosion and the texture of the surface layer, the size and durability of surface clods, rock fragments, organic matter, and a calcareous reaction. Soil moisture and frozen soil layers also influence wind erosion.

Reference:

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. (<http://soils.usda.gov>)

## Prime and other Important Farmlands

This table lists the map units in the survey area that are considered important farmlands. Important farmlands consist of prime farmland, unique farmland, and farmland of statewide or local importance. This list does not constitute a recommendation for a particular land use.

In an effort to identify the extent and location of important farmlands, the Natural Resources Conservation Service, in cooperation with other interested Federal, State, and local government organizations, has inventoried land that can be used for the production of the Nation's food supply.

*Prime farmland* is of major importance in meeting the Nation's short- and long-range needs for food and fiber. Because the supply of high-quality farmland is limited, the U.S. Department of Agriculture recognizes that responsible levels of government, as well as individuals, should encourage and facilitate the wise use of our Nation's prime farmland.

Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. The soil quality, growing season, and moisture supply are those needed for the soil to economically produce sustained high yields of crops when proper management, including water management, and acceptable farming methods are applied. In general, prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, an acceptable salt and sodium content, and few or no rocks. The water supply is dependable and of adequate quality. Prime farmland is permeable to water and air. It is not excessively erodible or saturated with water for long periods, and it either is not frequently flooded during the growing season or is protected from flooding. Slope ranges mainly from 0 to 6 percent. More detailed information about the criteria for prime farmland is available at the local office of the Natural Resources Conservation Service.

For some of the soils identified in the table as prime farmland, measures that overcome a hazard or limitation, such as flooding, wetness, and droughtiness, are needed. Onsite evaluation is needed to determine whether or not the hazard or limitation has been overcome by corrective measures.

A recent trend in land use in some areas has been the loss of some prime farmland to industrial and urban uses. The loss of prime farmland to other uses puts pressure on marginal lands, which generally are more erodible, droughty, and less productive and cannot be easily cultivated.



*Unique farmland* is land other than prime farmland that is used for the production of specific high-value food and fiber crops, such as citrus, tree nuts, olives, cranberries, and other fruits and vegetables. It has the special combination of soil quality, growing season, moisture supply, temperature, humidity, air drainage, elevation, and aspect needed for the soil to economically produce sustainable high yields of these crops when properly managed. The water supply is dependable and of adequate quality. Nearness to markets is an additional consideration. Unique farmland is not based on national criteria. It commonly is in areas where there is a special microclimate, such as the wine country in California.

In some areas, land that does not meet the criteria for prime or unique farmland is considered to be *farmland of statewide importance* for the production of food, feed, fiber, forage, and oilseed crops. The criteria for defining and delineating farmland of statewide importance are determined by the appropriate State agencies. Generally, this land includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable. Farmland of statewide importance may include tracts of land that have been designated for agriculture by State law.

In some areas that are not identified as having national or statewide importance, land is considered to be *farmland of local importance* for the production of food, feed, fiber, forage, and oilseed crops. This farmland is identified by the appropriate local agencies. Farmland of local importance may include tracts of land that have been designated for agriculture by local ordinance.

## Report—Prime and other Important Farmlands



Prime and other Important Farmlands—Wayne County, Ohio		
Map Symbol	Map Unit Name	Farmland Classification
CfB	Canfield-Urban land complex, 2 to 6 percent slopes	Not prime farmland

## Data Source Information

Soil Survey Area: Wayne County, Ohio  
Survey Area Data: Version 20, Sep 12, 2022

## Exhibit 10: Noise Assessment

HUD Calculations, City of Wooster GIS Map, Ohio Department of Transportation - Transportation Data Management System, and U.S. Department of Transportation - Rail Crossing Inventory

[Home](#)
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[Auto-Locate OFF](#)

[List View](#)
[All DIRs](#)

Record
1
of 1
Goto Record
go

Location ID	11785	MPO ID	
Type	SPOT	HPMS ID	
On NHS	No	On HPMS	No
LRS ID	CIWAYCR00003A*C	LRS Loc Pt	3.12
SF Group	Urban Minor Arterial (4) Collector (5-6) Local (7)	Route Type	CR
AF Group	URBAN_MINOR_ARTERIAL	Route	00003
GF Group	URBAN_MINOR_ARTERIAL	Active	Yes
Class Dist Grp		Category	State Program
Seas Class Grp	Urban Minor Arterial (4) Collector (5-6) Local (7)		
WIM Group			
QC Group	Default		
Functl Class	4 - Minor Arterial	Milepost	
Located On	N MARKET ST		
Loc On Alias			
More Detail			
MARKET ST S OF BOWMAN ST. IN WOOSTER			

STATION DATA

Directions:
2-WAY
NB
SB

AADT

Year	AADT	DHV-30	K %	D %	PA	BC	Src
2021	6,141	611	10	56	6,081 (99%)	60 (1%)	
2020	4,874 <sup>3</sup>		10	56	4,656 (96%)	218 (4%)	Grown from 2019
2019	5,263	506	10	56	5,028 (96%)	235 (4%)	Grown from 2017
2018	6,508 <sup>3</sup>		10	56	6,285 (97%)	223 (3%)	Grown from 2016
2017	6,450 <sup>3</sup>		10	56	6,226 (97%)	222 (3%)	

Travel Demand Model

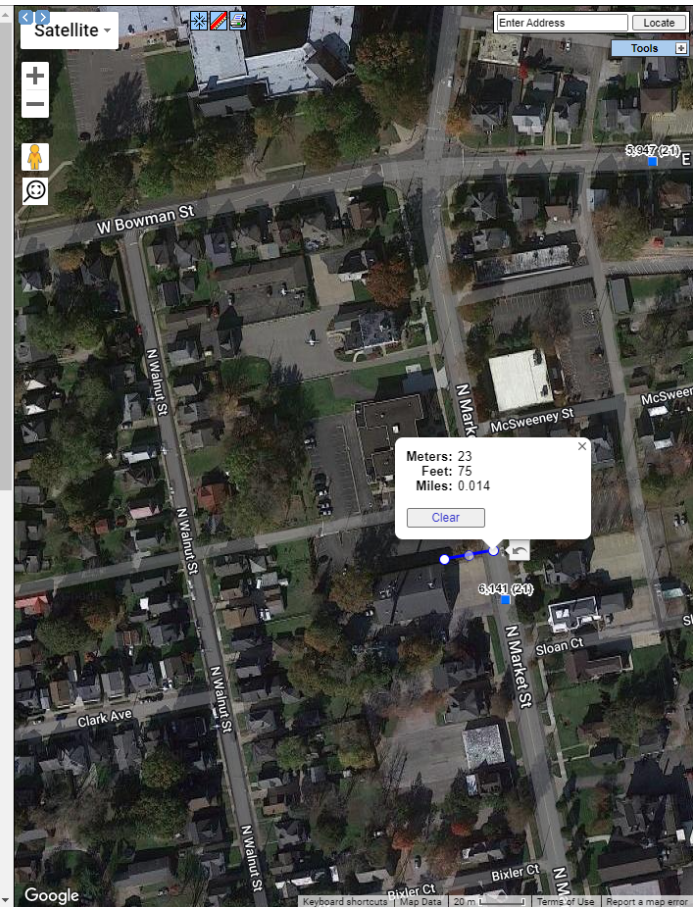
Model Year	Model AADT	AM PHV	AM PPV	MD PHV	MD PPV	PM PHV	PM PPV	NT PHV	NT PPV

VOLUME COUNT

Date	Int	Total
Wed 9/15/2021	15	6,736
Tue 9/14/2021	15	6,803
Tue 3/26/2019	15	5,635
Mon 3/25/2019	15	5,617
Wed 5/13/2015	15	6,888
Tue 4/12/2014	14	6,782

VOLUME TREND

Year	Annual Growth
2021	26%
2020	-7%
2019	-19%
2018	1%
2017	3%



FHWA-Scheme F Classification																
Start Time	Motor cycle	Car	Pickup	Bus	2A SU	3A SU	>3A SU	<5A 2U	5A 2U	>5A 2U	<6A >2U	6A >2U	>6A >2U	Unk	Err	Total
Average																
Daily	50.857143	5078	1181.8571	23	30.86	28.71	0.5714	1.7143	60.57	1.2857	0	0	0.42857	0	1.7	6459.285714
Light	50.857143	5078	1181.8571													6310.714286
Heavy				23	30.86	28.71	0.5714	1.7143	60.57	1.2857	0	0	0.42857	0		146.8571429





0 400 800



Feet



**TCDS Locations**

- Short
- Continuous
- WIM
- Located Short
- Located Continuous
- Located WIM
- Inactive Location




**OHIO DEPARTMENT OF  
TRANSPORTATION**

1/27/2023

Ohio Railroad Information System


I want to...

See Crossing Crash Data



Accident Data Dashboard

Report a blocked Crossing



FRA Blocked Crossing Form

Quick Links

- [2018 Rail Crossing Upgrades](#)
- [Annual Stats Book](#)
- [Rail Contact Form](#)

Need Help?

- [Federal Railroad Administration](#)
- [Contact the PUCO Rail Division](#)

Crossing Details 3325

Site Information

US DOT Number

502492V

Adjacent US DOT Number

Not Applicable

Revision Date

05/06/2005

Location and Classification Information

County

WAYNE

City

WOOSTER

Street

SOUTH ST

Highway Type And Number

Not Applicable

High Speed Corridor

Not Applicable

ODOT District

MWAYMR00455\*\*C

Latitude

40.797925

Longitude

-81.933227

Crossing Type

Public

Crossing Position

At Grade

Emergency Contact Number

Not Applicable

Railroad Contact Number

Not Applicable

State Contact Number

Not Applicable

Local Highway Authority - 1

CITY OF WOOSTER

Local Highway Authority - 2

Not Applicable

Development Type

Commercial

Crossing Angle

60 - 90

Main Track Count

3

Crossing Traffic Lanes Count

2

Warning Devices

Standard Crossbucks Count

2

Mast Mounted Lights Count

1

Cantilevered Lights Count

0

Other Lights Count

0

Gate Count

2

Show/Hide Legend

Show/Hide Toggle

+

-

Legend

Closed Public

Closed Private

Crossbucks

Railroad Under

Esri, HERE, Garmin, GeoTechnology ic., USGS, EPA

Powered by Esri

Railroad Information

Operating Railroad

Norfolk Southern Corp

Railroad Division or Region

PITTSBURGH

Railroad Subdivision Or District

402402

Branch or Line Name

FORT WAYNE LI

Milepost

135.24

Nearest Time Table Station

WOOSTER

Parent Railroad Company

Norfolk Southern Corp

Crossing Owner

Norfolk Southern Corp

Traffic Information

Total Day Through Trains

8

Total Switching Trains

6

Total Night Through Trains

8

Year Of Train Count

Not Applicable

Highway Annual Average Daily Traffic

1414

Year of Average Daily Traffic

2005

Intersecting Roadway Distance

Not Applicable

https://gradecrossings.puco.ohio.gov/crossing/3325;guid=03d6d47d-a50a-4c95-ba60-950dc76dd89f

1/2





West



North



ENS



East



South

For more assistance or information about the ORIS, please contact the Rail Division of the Public Utilities Commission of Ohio at (614) 466-1150 or the Ohio Rail Development Commission at (614) 644-0306.

# U. S. DOT CROSSING INVENTORY FORM

## DEPARTMENT OF TRANSPORTATION

FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk \* denotes an optional field.

<b>A. Revision Date</b> (MM/DD/YYYY) 05 / 01 / 2022	<b>B. Reporting Agency</b> <input checked="" type="checkbox"/> Railroad <input type="checkbox"/> Transit <input type="checkbox"/> State <input type="checkbox"/> Other	<b>C. Reason for Update (Select only one)</b> <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> New Crossing <input type="checkbox"/> Closed <input type="checkbox"/> Re-Open <input type="checkbox"/> Date Change Only <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	<b>D. DOT Crossing Inventory Number</b> 502492V
-----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------

### Part I: Location and Classification Information

<b>1. Primary Operating Railroad</b> Norfolk Southern Railway Company [NS]		<b>2. State</b> OHIO		<b>3. County</b> WAYNE	
<b>4. City / Municipality</b> <input checked="" type="checkbox"/> In <input type="checkbox"/> Near    WOOSTER		<b>5. Street/Road Name &amp; Block Number</b> SOUTH STREET (Street/Road Name)    * (Block Number)		<b>6. Highway Type &amp; No.</b> LS	
<b>7. Do Other Railroads Operate a Separate Track at Crossing?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR			<b>8. Do Other Railroads Operate Over Your Track at Crossing?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR		
<b>9. Railroad Division or Region</b> <input type="checkbox"/> None    KEYSTONE		<b>10. Railroad Subdivision or District</b> <input type="checkbox"/> None    FORT WAYNE LINE		<b>11. Branch or Line Name</b> <input checked="" type="checkbox"/> None	
<b>12. RR Milepost</b> PC    0135.230 (prefix)   (nnnn.nnn)   (suffix)					
<b>13. Line Segment</b> *		<b>14. Nearest RR Timetable Station</b> * WOOSTER		<b>15. Parent RR (if applicable)</b> <input checked="" type="checkbox"/> N/A	
<b>16. Crossing Owner (if applicable)</b> <input checked="" type="checkbox"/> N/A					
<b>17. Crossing Type</b> <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private		<b>18. Crossing Purpose</b> <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.		<b>19. Crossing Position</b> <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over	
<b>20. Public Access (if Private Crossing)</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>21. Type of Train</b> <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter <input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input type="checkbox"/> Tourist/Other		<b>22. Average Passenger Train Count Per Day</b> <input type="checkbox"/> Less Than One Per Day <input type="checkbox"/> Number Per Day 0	
<b>23. Type of Land Use</b> <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard					
<b>24. Is there an Adjacent Crossing with a Separate Number?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If Yes, Provide Crossing Number			<b>25. Quiet Zone (FRA provided)</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused    Date Established		
<b>26. HSR Corridor ID</b> <input checked="" type="checkbox"/> N/A		<b>27. Latitude in decimal degrees</b> (WGS84 std: nn.nnnnnnn) 40.7979198		<b>28. Longitude in decimal degrees</b> (WGS84 std: -nnn.nnnnnnn) -81.933289	
<b>29. Lat/Long Source</b> <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated					
<b>30.A. Railroad Use *</b>			<b>31.A. State Use *</b>		
<b>30.B. Railroad Use *</b>			<b>31.B. State Use *</b>		
<b>30.C. Railroad Use *</b>			<b>31.C. State Use *</b>		
<b>30.D. Railroad Use *</b>			<b>31.D. State Use *</b>		
<b>32.A. Narrative (Railroad Use) *</b>			<b>32.B. Narrative (State Use) *</b>		
<b>33. Emergency Notification Telephone No. (posted)</b> 800-946-4744		<b>34. Railroad Contact (Telephone No.)</b> 800-946-4744		<b>35. State Contact (Telephone No.)</b> 614-466-0407	


### Part II: Railroad Information

<b>1. Estimated Number of Daily Train Movements</b>				
<b>1.A. Total Day Thru Trains (6 AM to 6 PM)</b> 6	<b>1.B. Total Night Thru Trains (6 PM to 6 AM)</b> 5	<b>1.C. Total Switching Trains</b> 5	<b>1.D. Total Transit Trains</b> 0	<b>1.E. Check if Less Than One Movement Per Day</b> <input type="checkbox"/> How many trains per week?
<b>2. Year of Train Count Data (YYYY)</b> 2020		<b>3. Speed of Train at Crossing</b> 3.A. Maximum Timetable Speed (mph) 35 3.B. Typical Speed Range Over Crossing (mph) From 25 to 35		
<b>4. Type and Count of Tracks</b> Main 2    Siding 1    Yard 0    Transit 0    Industry 0				
<b>5. Train Detection (Main Track only)</b> <input type="checkbox"/> Constant Warning Time <input checked="" type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
<b>6. Is Track Signaled?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>7.A. Event Recorder</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>7.B. Remote Health Monitoring</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



# U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 05/01/2022		PAGE 2		D. Crossing Inventory Number (7 char.) 502492V	
<b>Part III: Highway or Pathway Traffic Control Device Information</b>					
1. Are there Signs or Signals?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Types of Passive Traffic Control Devices associated with the Crossing			
2.A. Crossbuck Assemblies (count) 0		2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count)	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input checked="" type="checkbox"/> W10-1 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11 <input type="checkbox"/> W10-2 <input type="checkbox"/> W10-4 <input type="checkbox"/> W10-12	
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes (count _____) <input type="checkbox"/> No		2.F. Pavement Markings <input checked="" type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None		2.G. Channelization Devices/Medians <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input type="checkbox"/> None	
2.H. EXEMPT Sign (R15-3) <input type="checkbox"/> Yes <input type="checkbox"/> No		2.I. ENS Sign (I-13) Displayed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
2.J. Other MUTCD Signs  Specify Type _____ Count <u>2</u> Specify Type _____ Count <u>0</u> Specify Type _____ Count _____		2.K. Private Crossing Signs (if private)  <input type="checkbox"/> Yes <input type="checkbox"/> No		2.L. LED Enhanced Signs (List types)	
<b>3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)</b>					
3.A. Gate Arms (count)  Roadway <u>2</u> Pedestrian <u>0</u>		3.B. Gate Configuration <input type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) Resistance <input type="checkbox"/> 3 Quad <input type="checkbox"/> Median Gates <input type="checkbox"/> 4 Quad		3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane <u>0</u> <input type="checkbox"/> Incandescent Not Over Traffic Lane <u>0</u> <input type="checkbox"/> LED	
3.D. Mast Mounted Flashing Lights (count of masts) <u>2</u> <input checked="" type="checkbox"/> Incandescent <input type="checkbox"/> LED <input checked="" type="checkbox"/> Back Lights Included <input checked="" type="checkbox"/> Side Lights Included		3.E. Total Count of Flashing Light Pairs  4			
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) <u>11</u> / <u>1992</u> <input type="checkbox"/> Not Required		3.G. Wayside Horn  <input type="checkbox"/> Yes   Installed on (MM/YYYY) ____/____ <input checked="" type="checkbox"/> No		3.H. Highway Traffic Signals Controlling Crossing  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3.I. Bells (count)  2					
3.J. Non-Train Active Warning <input type="checkbox"/> Flagging/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input checked="" type="checkbox"/> None				3.K. Other Flashing Lights or Warning Devices Count <u>0</u> Specify type _____	
4.A. Does nearby Hwy Intersection have Traffic Signals?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		4.B. Hwy Traffic Signal Interconnection <input type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs		4.C. Hwy Traffic Signal Preemption <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance	
5. Highway Traffic Pre-Signals  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Storage Distance * <u>0</u> Stop Line Distance * <u>0</u>		6. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input checked="" type="checkbox"/> None			
<b>Part IV: Physical Characteristics</b>					
1. Traffic Lanes Crossing Railroad  Number of Lanes <u>2</u>		2. Is Roadway/Pathway Paved?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		3. Does Track Run Down a Street?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) <input type="checkbox"/> Yes <input type="checkbox"/> No					
5. Crossing Surface (on Main Track, multiple types allowed)   Installation Date * (MM/YYYY) ____/____   Width * _____   Length * _____ <input type="checkbox"/> 1 Timber <input checked="" type="checkbox"/> 2 Asphalt <input type="checkbox"/> 3 Asphalt and Timber <input type="checkbox"/> 4 Concrete <input type="checkbox"/> 5 Concrete and Rubber <input type="checkbox"/> 6 Rubber <input type="checkbox"/> 7 Metal <input type="checkbox"/> 8 Unconsolidated <input type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____					
6. Intersecting Roadway within 500 feet?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   If Yes, Approximate Distance (feet) _____		7. Smallest Crossing Angle  <input type="checkbox"/> 0° - 29° <input type="checkbox"/> 30° - 59° <input checked="" type="checkbox"/> 60° - 90°		8. Is Commercial Power Available? *  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Part V: Public Highway Information</b>					
1. Highway System  <input type="checkbox"/> (01) Interstate Highway System <input type="checkbox"/> (02) Other Nat Hwy System (NHS) <input checked="" type="checkbox"/> (03) Federal AID, Not NHS <input type="checkbox"/> (08) Non-Federal AID		2. Functional Classification of Road at Crossing <input type="checkbox"/> (0) Rural <input checked="" type="checkbox"/> (1) Urban <input type="checkbox"/> (1) Interstate <input checked="" type="checkbox"/> (5) Major Collector <input type="checkbox"/> (2) Other Freeways and Expressways <input type="checkbox"/> (3) Other Principal Arterial <input type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input type="checkbox"/> (7) Local		3. Is Crossing on State Highway System?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Highway Speed Limit _____ MPH  <input type="checkbox"/> Posted <input type="checkbox"/> Statutory		5. Linear Referencing System (LRS Route ID) *			
6. LRS Milepost *					
7. Annual Average Daily Traffic (AADT) Year <u>2005</u> AADT <u>001414</u>		8. Estimated Percent Trucks <u>04</u> %		9. Regularly Used by School Buses?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   Average Number per Day <u>0</u>	
10. Emergency Services Route  <input type="checkbox"/> Yes <input type="checkbox"/> No					
<b>Submission Information - This information is used for administrative purposes and is not available on the public website.</b>					
Submitted by _____ Organization _____ Phone _____ Date _____  Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.					

Site ID	<input type="text" value="Fire Station 1"/>
Record Date	<input type="text" value="01/23/2023"/> 
User's Name	<input type="text"/>

Road # 1 Name:	<input type="text" value="N. Market Street"/>
----------------	-----------------------------------------------

**Road #1**

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="76"/>		<input type="text" value="76"/>
Distance to Stop Sign	<input type="text"/>		<input type="text"/>
Average Speed	<input type="text" value="25"/>		<input type="text" value="25"/>
Average Daily Trips (ADT)	<input type="text" value="6310"/>		<input type="text" value="146"/>
Night Fraction of ADT	<input type="text" value="15"/>		<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>		<input type="text" value="3"/>
Vehicle DNL	<input type="text" value="56"/>	<input type="text" value="0"/>	<input type="text" value="63"/>
<div>Calculate Road #1 DNL</div>	<input type="text" value="64"/>	<div>Reset</div>	

Road # 2 Name:	<input type="text" value="Bowman St"/>
----------------	----------------------------------------

**Road #2**

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="580"/>		<input type="text" value="580"/>
Distance to Stop Sign	<input type="text"/>		<input type="text"/>
Average Speed	<input type="text" value="35"/>		<input type="text" value="35"/>
Average Daily Trips (ADT)	<input type="text" value="4757"/>		<input type="text" value="1189"/>
Night Fraction of ADT	<input type="text" value="15"/>		<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>		<input type="text" value="0"/>
Vehicle DNL	<input type="text" value="45"/>	<input type="text" value="0"/>	<input type="text" value="58"/>
<div>Calculate Road #2 DNL</div>	<input type="text" value="58"/>	<div>Reset</div>	

Railroad #1 Track Identifier:	<input type="text" value="Norfolk-Southern"/>
-------------------------------	-----------------------------------------------

**Rail # 1**

Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance	<input type="text"/>	<input type="text" value="2970"/>
Average Train Speed	<input type="text"/>	<input type="text" value="35"/>



Average Train Speed		30
Engines per Train		1
Railway cars per Train		10
Average Train Operations (ATO)		24
Night Fraction of ATO		33
Railway whistles or horns?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Bolted Tracks?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
<b>Train DNL</b>	0	54
Calculate Rail #1 DNL	54	Reset
<div>Add Road Source</div> <div>Add Rail Source</div>		
Airport Noise Level		
Loud Impulse Sounds?	<input type="radio"/> Yes <input type="radio"/> No	
Combined DNL for all Road and Rail sources	66	
Combined DNL including Airport	N/A	
Site DNL with Loud Impulse Sound		
<div>Calculate</div> <div>Reset</div>		

## Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
  - **Contact your Field or Regional Environmental Officer** (</programs/environmental-review/hud-environmental-staff-contacts/>)
  - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
  - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
  - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
  - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

## Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

## Part I - Description

### Project

Fire Station 1 - North Ad

### Sponsor/Developer

City of Wooster

### Location

510 N. Market Street

### Prepared by

EA

### Noise Level

75

### Date

1/27/2023



### Primary Source(s)

Road

## Part II - Wall Components

Wall Construction Detail	Area	STC
4x8x18" concrete block wit	2601	51
2,601 Sq. Feet		51

Window Construction Detail	Quantity	Sq Ft/Unit	STC
30"x48" wood-framed alumin	11	10	29

Door Construction Detail	Quantity	Sq Ft/Unit	STC
3'x7' steel-faced rigid polyure	2	21	26

## Part III - Results

Wall Statistics	
Stat	Value

Area: 2601 ft<sup>2</sup>

Wall STC: 51

### Aperture Statistics

Aperture	Count	Area	% of wall
Windows:	11	110 ft <sup>2</sup>	4.23%
Doors:	2	42 ft <sup>2</sup>	1.61%

### Evaluation Criteria

Criteria	Value
Noise source sound level (dB):	75
Combined STC for wall assembly:	39.94
Required STC rating:	33
Does wall assembly meet requirements?	Yes

Print



## Part I - Description

### Project

Fire Station 1 - West Ad

### Sponsor/Developer

City of Wooster

### Location

510 N. Market Street

### Prepared by

EA

### Noise Level

75

### Date

1/27/2023



### Primary Source(s)

Road

## Part II - Wall Components

### Wall Construction Detail

### Area

### STC

4x8x18" concrete block w/it



1160

51



Add new wall

1,160 Sq. Feet

51

### Window Construction Detail

### Quantity

### Sq Ft/Unit

### STC

30"x48" wood-framed alumir



6

10

29



Add new window

### Door Construction Detail

### Quantity

### Sq Ft/Unit

### STC

3'x7' steel-faced rigid polyure



2

21

26



Add new door

## Part III - Results

### Wall Statistics

#### Stat

#### Value

Area: 1160 ft<sup>2</sup>

Wall STC: 51

### Aperture Statistics

#### Aperture

#### Count

#### Area

#### % of wall

Windows: 6 60 ft<sup>2</sup> 5.17%

Doors: 2 42 ft<sup>2</sup> 3.62%

### Evaluation Criteria

#### Criteria

#### Value

Noise source sound level (dB): 75

Combined STC for wall assembly: 37.87

Required STC rating: 33

Does wall assembly meet requirements?

Yes



Print

## Part I - Description

### Project

Fire Station 1 - South Ad

### Sponsor/Developer

City of Wooster

### Location

510 N. Market Street

### Prepared by

EA

### Noise Level

75

### Date




1/27/2023




### Primary Source(s)

Road

## Part II - Wall Components

Wall Construction Detail	Area	STC
4x8x18" concrete block wit  	1160	51 
<div>Add new wall</div>		
1,160 Sq. Feet		51

Window Construction Detail	Quantity	Sq Ft/Unit	STC
<div>Add new window</div>			

Door Construction Detail	Quantity	Sq Ft/Unit	STC
Overhead Doors	2	100	30 
<div>Add new door</div>			

## Part III - Results

Wall Statistics	
Stat	Value
Area:	1160 ft <sup>2</sup>
Wall STC:	51

Aperture Statistics			
Aperture	Count	Area	% of wall
Windows:	0	0 ft <sup>2</sup>	0%
Doors:	2	200 ft <sup>2</sup>	17.24%

Evaluation Criteria	
Criteria	Value
Noise source sound level (dB):	75
Combined STC for wall assembly:	37.47
Required STC rating:	33
Does wall assembly meet requirements?	Yes

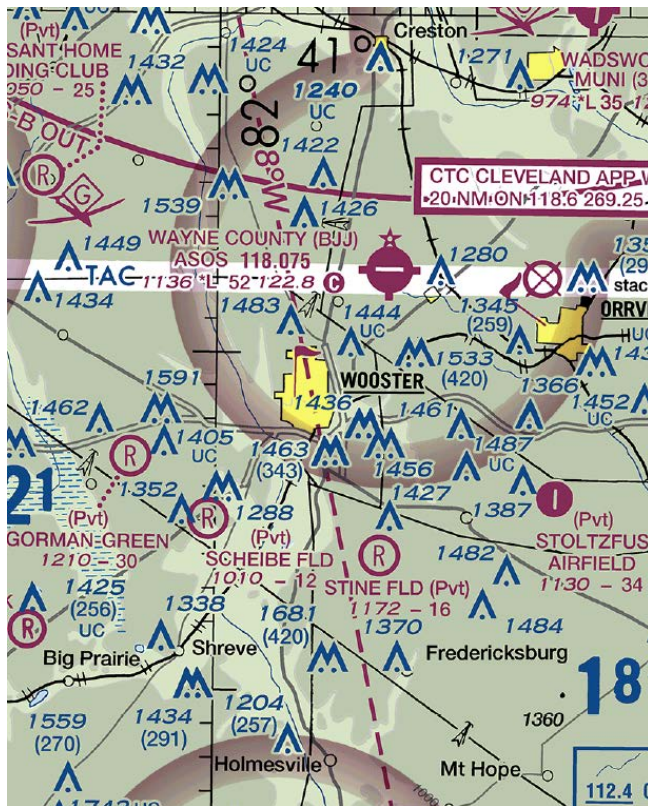
 Print



## Exhibit 11: Airport Clear Zones / Accident Potential Zones

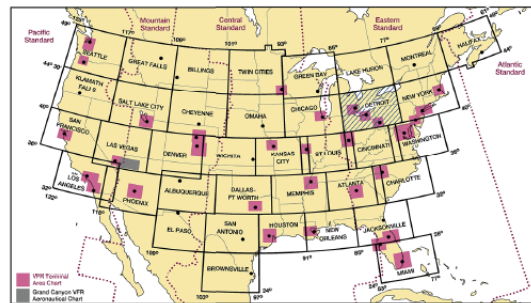
FAA December 29, 2022 Detroit Sectional Excerpt

**Note:** The project site is located greater



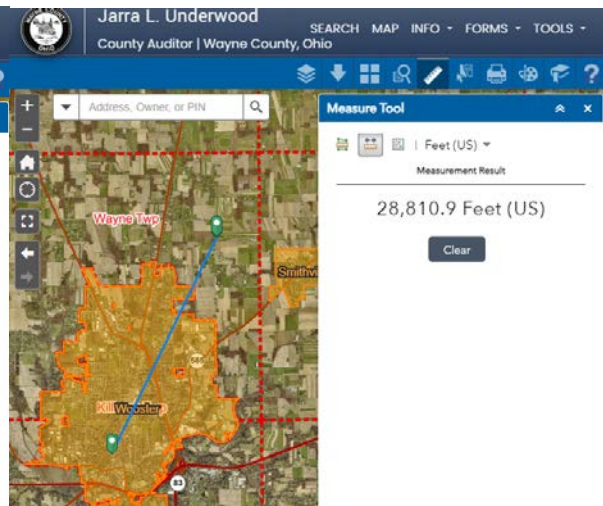
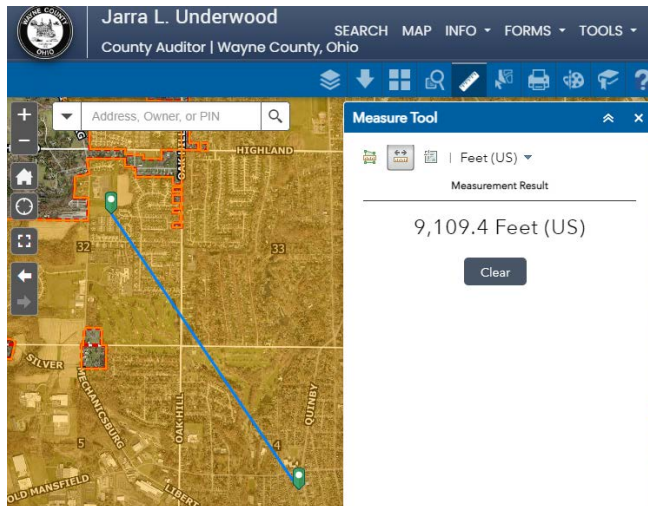
EFFECTIVE 0901Z **29 DEC 2022**  
TO 0901Z **23 FEB 2023**

Consult NOTAMs for latest information  
Consult/Subscribe to FAA Safety Alerts and Charting Notices at:  
[http://www.faa.gov/air\\_traffic/flight\\_info/aeronav/safety\\_alerts/](http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/)



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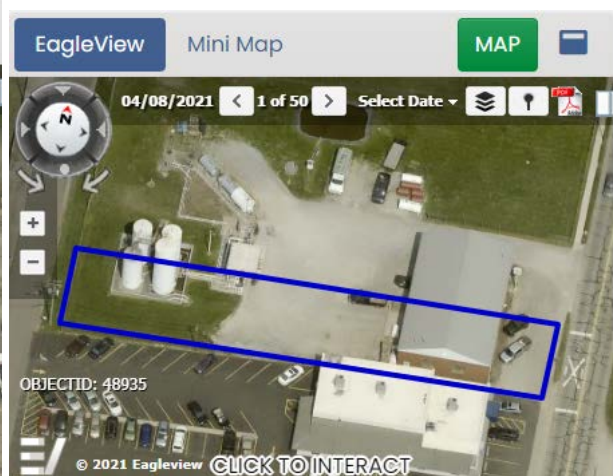
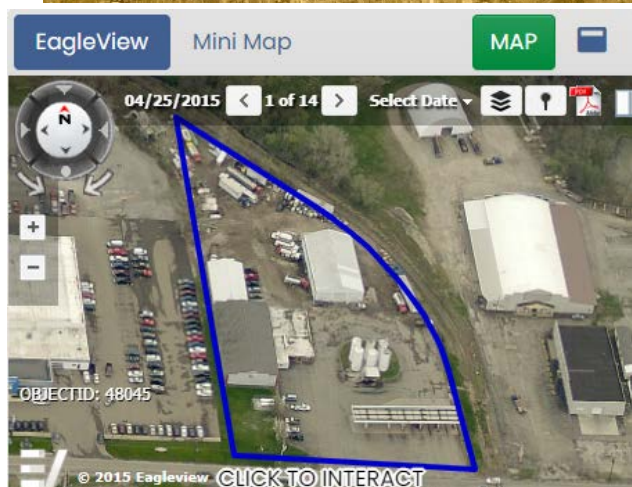
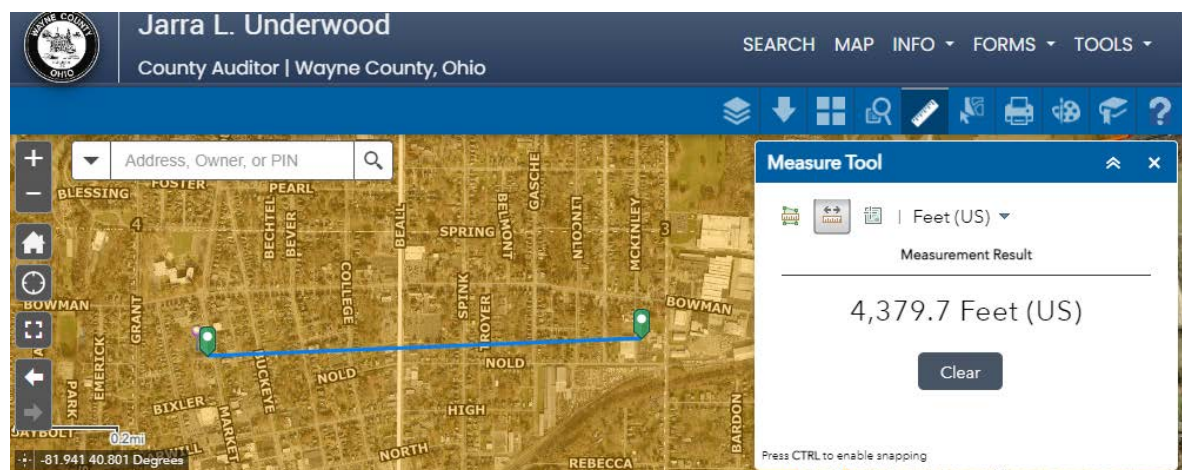
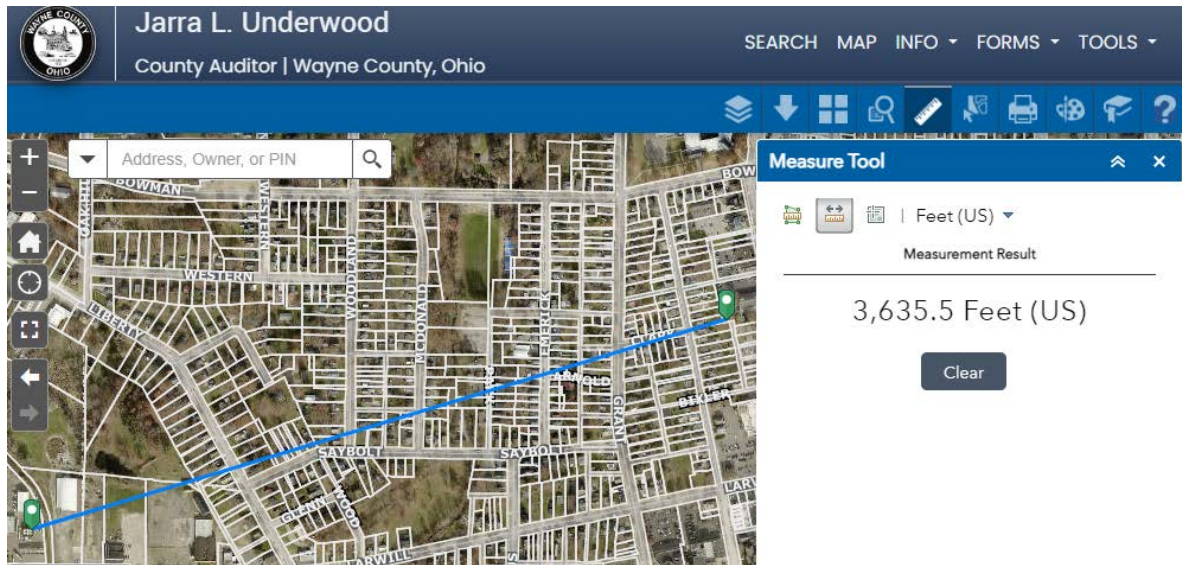
Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.








## Exhibit 12: Explosive and Flammable Operations

### Measurement Maps and Calculation Tables





1055 W. Old Lincoln Way, Wooster, Ohio (assumes no dykes in place)




 HUD EXCHANGE  

**Note:** Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

### Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="91656"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<b>Calculate Acceptable Separation Distance</b>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPI)	<input type="text" value="1816.50"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="405.98"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

1055 W. Old Lincoln Way, Wooster, Ohio (with actual dykes in place)

 HUD EXCHANGE  




**Note:** Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

### Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
What is the volume (gal) of the container?	<input type="text"/>
What is the Diked Area Length (ft)?	<input type="text" value="67"/>
What is the Diked Area Width (ft)?	<input type="text" value="60"/>
<b>Calculate Acceptable Separation Distance</b>	
Diked Area (sqft)	<input type="text" value="4020"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPI)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text" value="276.74"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text" value="50.49"/>

For mitigation options, please click on the following link: [Mitigation Options](#)

## 530 Palmer Street, Wooster, Ohio (Assumes 71,000 gallons not dyked, hypothetical conditions)

 **HUD EXCHANGE**  




**Note:** Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

### Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="71000"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<b>Calculate Acceptable Separation Distance</b>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="1633.18"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="360.78"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

For mitigation options, please click on the following link: [Mitigation Options](#)

## 530 Palmer Street, Wooster, Ohio (Assumes 4,000 gallons not dyked, current conditions):

 **HUD EXCHANGE**  

**Note:** Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

### Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="4000"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<b>Calculate Acceptable Separation Distance</b>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="492.74"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="95.44"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>



**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Reporting Period: January 1 to December 31, 2021

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Printed: March 30, 2022

**Facility: Santmyer Energy - Wooster**

**FACILITY NAME AND LOCATION:**

Santmyer Energy - Wooster  
Dept:  
1055 W OLD LINCOLN WAY  
WOOSTER, Ohio 44691 USA  
Emergency 24-Hour Phone Number: 330-262-6502  
County: Wayne  
Fire District: Wooster City  
Latitude: 40.79927  
Longitude: -81.9551  
MAILING ADDRESS: 3000 Old Airport Rd.  
Wooster, Ohio 44691 USA

☒ All facility information (not including chemical information) is identical to last year's submission

**IDENTIFICATION NUMBERS:**

Dun & Bradstreet: 017942145  
NAICS: 424710 (Petroleum Bulk Stations and Terminals)  
SIC: 5171 (PETROLEUM BULK STATIONS & TERM)

Is the facility manned? ☒ Manned ☐ Unmanned  
Maximum No. of Occupants: 50

**REGULATORY INFORMATION:**

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☒ No  
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☒ No

**STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:**

☐ Confidential Location Forms Included  
☐ Signature Certification Form included  
☐ Facility Name has changed  
Previous facility name (if known):  
☐ Owner / Operator has changed  
Previous parent company/owner (if known):  
☐ Initial Filing (First Time Filer)  
☐ Updated Filing  
☒ Annual Filing

**CONTACT INFORMATION:**

**Horne, Lisa**

Title: Director HR/Safety  
Contact Type(s): Tier II Information Contact, Submitter  
Address: 3000 Old Airport Rd, Wooster, OHIO 44691 USA  
Phones: Mobile - Cell: 330-466-7564 Work: 330-287-2413  
Email: lisa.horne@santmyer.com

**Santmyer, Nate**

Title: Commercial Fuel Director  
Contact Type(s): Owner / Operator, Emergency Contact  
Address: 3000 Old Airport Rd, Wooster, OHIO 44691 USA  
Phones: 24-hour: 330-466-3615 Emergency: 330-466-3615

Tier II  
Emergency and Hazardous Chemical Inventory  
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2021  
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Facility: Santmyer Energy - Wooster (continued)

Email: nate.santmyer@santmyer.com

**SANTMYER, TERRY**

Title: OWNER

Contact Type(s): Owner / Operator

Address: 1055 W OLD LINCOLN WAY, WOOSTER, OHIO 44618 USA

Phones: Mobile - Cell: 330-465-0848

Email: ts@santmyeroil.com

**, WOOSTER FIRE**

Title:

Contact Type(s): Fire Department

Address: 510 N MARKET ST, WOOSTER, OHIO 44691 USA

Phones: 24-hour: 330-263-5266

Email:

CHEMICAL INVENTORY INFORMATION:

Chemical Name: DIESEL FUEL

CAS #:

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 338,997 pounds Maximum Amount code: 10 (100,000-499,999 pounds)

Average Daily Amount: 169,499 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: T-1



Tier II  
Emergency and Hazardous Chemical Inventory  
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2021  
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Facility: Santmyer Energy - Wooster (continued)

Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-2 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-22 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-23 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-24 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-25 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-3 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

Chemical Name: GASOLINE

CAS #: 86290-81-5

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Tier II  
Emergency and Hazardous Chemical Inventory  
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2021

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Facility: Santmyer Energy - Wooster (continued)

☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 190,386 pounds Maximum Amount code: 10 (100,000-499,999 pounds)

Average Daily Amount: 95,193 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)

Max amount in largest container: 93,000 pounds

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: T-4

Container Type: Above ground tank

Pressure: Ambient pressure

Temperature: Ambient temperature

Amount:

Location Description: T-5

Container Type: Above ground tank

Pressure: Ambient pressure

Temperature: Ambient temperature

Amount:

Location Description: T-7

Container Type: Above ground tank

Pressure: Ambient pressure

Temperature: Ambient temperature

Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

Chemical Name: Hydraulic Oil and Motor Oil

CAS #:

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

☐ Explosive

☐ Flammable (gases, aerosols, liquids, or solids)

☐ Oxidizer (liquid, solid, or gas)

☐ Self-reactive

☐ Pyrophoric (liquid or solid)

☐ Pyrophoric gas

☐ Self-heating

☐ Organic peroxide

☐ Corrosive to metal

☐ Gas under pressure (compressed gas)

☐ In contact with water emits flammable gas

☐ Combustible dust

HEALTH HAZARDS:

☐ Acute toxicity (any route of exposure)

☐ Skin corrosion or irritation

☒ Serious eye damage or eye irritation

☐ Respiratory or skin sensitization

☐ Germ cell mutagenicity

☐ Carcinogenicity

☐ Reproductive toxicity

☐ Specific target organ toxicity (single or repeated exposure)

☐ Aspiration hazard

☐ Simple asphyxiant

☐ Hazard not otherwise classified



**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Reporting Period: January 1 to December 31, 2021

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**Facility: Santmyer Energy - Wooster (continued)**

**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: 5,331,326 pounds    Maximum Amount code: 12 (1,000,000-9,999,999 pounds)

Average Daily Amount: 2,665,663 pounds    Average Daily Amount code: 12 (1,000,000-9,999,999 pounds)

Max amount in largest container:

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: T-10

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-11

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-12

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-13

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-14

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-15

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-16

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-17

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-18

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-19

Container Type: Above ground tank  
Amount:

Pressure: Ambient pressure

Temperature: Ambient temperature

Location Description: T-20

**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Reporting Period: January 1 to December 31, 2021

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**Facility: Santmyer Energy - Wooster (continued)**

Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-21 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-26 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-27 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-28 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-29 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-30 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-8 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T-9 Container Type: Above ground tank Amount:	Pressure: Ambient pressure	Temperature: Ambient temperature

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:**

Fee classification for this reported substance: Hazardous Chemical

**Chemical Name: KEROSENE**

CAS #:

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

☐ Explosive

☒ Flammable (gases, aerosols, liquids, or solids)

☐ Oxidizer (liquid, solid, or gas)

**HEALTH HAZARDS:**

☐ Acute toxicity (any route of exposure)

☐ Skin corrosion or irritation

☐ Serious eye damage or eye irritation



Tier II  
Emergency and Hazardous Chemical Inventory  
Specific Information by Chemical

Reporting Period: January 1 to December 31, 2021

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Facility: Santmyer Energy - Wooster (continued)

- |                                                                    |                                                                                       |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <input type="checkbox"/> Self-reactive                             | <input type="checkbox"/> Respiratory or skin sensitization                            |
| <input type="checkbox"/> Pyrophoric (liquid or solid)              | <input type="checkbox"/> Germ cell mutagenicity                                       |
| <input type="checkbox"/> Pyrophoric gas                            | <input type="checkbox"/> Carcinogenicity                                              |
| <input type="checkbox"/> Self-heating                              | <input type="checkbox"/> Reproductive toxicity                                        |
| <input type="checkbox"/> Organic peroxide                          | <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Corrosive to metal                        | <input type="checkbox"/> Aspiration hazard                                            |
| <input type="checkbox"/> Gas under pressure (compressed gas)       | <input type="checkbox"/> Simple asphyxiant                                            |
| <input type="checkbox"/> In contact with water emits flammable gas |                                                                                       |
| <input type="checkbox"/> Combustible dust                          |                                                                                       |
| <input type="checkbox"/> Hazard not otherwise classified           |                                                                                       |

AMOUNTS:

- ☐ Below Reporting Thresholds  
Maximum Amount: 90,736 pounds    Maximum Amount code: 09 (75,000-99,999 pounds)  
Average Daily Amount: 45,368 pounds    Average Daily Amount code: 07 (25,000-49,999 pounds)  
Max amount in largest container:  
Days on site: 365

STORAGE LOCATIONS:

- ☐ Confidential

Location Description: T-6

Container Type: Above ground tank

Pressure: Ambient pressure

Temperature: Ambient temperature

Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

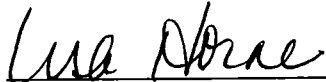
Fee classification for this reported substance: Hazardous Chemical

State/local fees: \$230.00

- ☒ I have attached a site plan  
☐ I have attached a list of site coordinate abbreviations  
☐ I have attached a description of dikes and other safeguard measures

**Certification (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information in pages 7 through 13, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.



Signature

03/30/2021

Date signed

Lisa Horne

Name and official title of owner/operator OR owner/operator's authorized representative

**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Printed: January 28, 2022

**Facility: CRAMER OIL INC**

**FACILITY NAME AND LOCATION:**

CRAMER OIL INC  
Dept:  
530 PALMER ST  
WOOSTER, Ohio 44691 USA  
Emergency 24-Hour Phone Number: 3304650502  
County: Wayne  
Fire District: WOOSTER  
Latitude: 40.803618  
Longitude: -81.925168  
MAILING ADDRESS:

☒ All facility information (not including chemical information) is identical to last year's submission

**IDENTIFICATION NUMBERS:**

Dun & Bradstreet: NA  
NAICS: 424710 (Petroleum Bulk Stations and Terminals)

Is the facility manned? ☒ Manned ☐ Unmanned  
Maximum No. of Occupants: 6

**REGULATORY INFORMATION:**

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☒ No  
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☒ No

**STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:**

- ☐ Confidential Location Forms Included
- ☐ Signature Certification Form included
- ☐ Facility Name has changed  
Previous facility name (if known):
- ☐ Owner / Operator has changed  
Previous parent company/owner (if known):
- ☐ Initial Filing (First Time Filer)
- ☐ Updated Filing
- ☒ Annual Filing

**CONTACT INFORMATION:**

**Cramer, Garrett**

Title: President

Contact Type(s): Owner / Operator, Emergency Contact, Tier II Information Contact, Submitter

Address: 530 Pamer St, Wooster, OHIO 44691 USA

Phones: 24-hour: 330-465-0502 Emergency: 330-465-0502 Mobile - Cell: 330-465-0502 Work: 330-262-9846

Email: garrett@crameroil.com

**CHEMICAL INVENTORY INFORMATION:**

**Chemical Name: DIESEL FUEL**

CAS #:

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Printed: January 28, 2022

**Facility: CRAMER OIL INC (continued)**

Physical State: ☐ Solid ☒ Liquid ☐ Gas  
☒ Identical to previous year  
☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☒ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds  
Maximum Amount: Maximum Amount code: 09 (75,000-99,999 pounds)  
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)  
Max amount in largest container:  
Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: T02  
Container Type: Below ground tank      Pressure: Ambient pressure      Temperature: Ambient temperature  
Amount: 20,000 gallons

Location Description: T03  
Container Type: Above ground tank      Pressure: Ambient pressure      Temperature: Ambient temperature  
Amount: 17,000 gallons

Location Description: T04  
Container Type: Above ground tank      Pressure: Ambient pressure      Temperature: Ambient temperature  
Amount: 17,000 gallons

Location Description: T05  
Container Type: Above ground tank      Pressure: Ambient pressure      Temperature: Ambient temperature  
Amount: 30,000 gallons

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:**

Fee classification for this reported substance: Hazardous Chemical

**Chemical Name: GASOLINE**  
CAS #:



**Tier II  
Emergency and Hazardous Chemical Inventory  
Specific Information by Chemical**

Facility: **CRAMER OIL INC (continued)**

Chemical Category: ☒ Pure ☐ Mixture  
EHS: ☐ Yes ☒ No  
Physical State: ☐ Solid ☒ Liquid ☐ Gas  
☒ Identical to previous year  
☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☒ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds  
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)  
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)  
Max amount in largest container:  
Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: T01 Container Type: Below ground tank Amount: 20,000 gallons	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T06 Container Type: Above ground tank Amount: 17,000 gallons	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T09 Container Type: Above ground tank Amount: 2,000 gallons	Pressure: Ambient pressure	Temperature: Ambient temperature
Location Description: T10 Container Type: Above ground tank Amount: 2,000 gallons	Pressure: Ambient pressure	Temperature: Ambient temperature

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:**  
Fee classification for this reported substance: Hazardous Chemical

**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Facility: CRAMER OIL INC (continued)

Chemical Name: KEROSENE

CAS #:

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☒ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive
- ☒ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☒ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)

Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)

Max amount in largest container:

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: T07

Container Type: Above ground tank

Pressure: Ambient pressure

Temperature: Ambient temperature

Amount: 4,000 gallons

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:**

Fee classification for this reported substance: Hazardous Chemical

Chemical Name: LANTERN FUEL

CAS #:

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

☐ Explosive

**HEALTH HAZARDS:**

☐ Acute toxicity (any route of exposure)

**Tier II  
Emergency and Hazardous Chemical Inventory  
Specific Information by Chemical**

Facility: **CRAMER OIL INC (continued)**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)<br><input type="checkbox"/> Oxidizer (liquid, solid, or gas)<br><input type="checkbox"/> Self-reactive<br><input type="checkbox"/> Pyrophoric (liquid or solid)<br><input type="checkbox"/> Pyrophoric gas<br><input type="checkbox"/> Self-heating<br><input type="checkbox"/> Organic peroxide<br><input type="checkbox"/> Corrosive to metal<br><input type="checkbox"/> Gas under pressure (compressed gas)<br><input type="checkbox"/> In contact with water emits flammable gas<br><input type="checkbox"/> Combustible dust | <input checked="" type="checkbox"/> Skin corrosion or irritation<br><input checked="" type="checkbox"/> Serious eye damage or eye irritation<br><input checked="" type="checkbox"/> Respiratory or skin sensitization<br><input type="checkbox"/> Germ cell mutagenicity<br><input checked="" type="checkbox"/> Carcinogenicity<br><input type="checkbox"/> Reproductive toxicity<br><input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)<br><input type="checkbox"/> Aspiration hazard<br><input type="checkbox"/> Simple asphyxiant<br><br><input type="checkbox"/> Hazard not otherwise classified |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**AMOUNTS:**

- ☐ Below Reporting Thresholds  
 Maximum Amount:      Maximum Amount code: 04 (1,000-4,999 pounds)  
 Average Daily Amount:      Average Daily Amount code: 03 (500-999 pounds)  
 Max amount in largest container:  
 Days on site: 365

**STORAGE LOCATIONS:**

- ☐ Confidential

Location Description: B01      Pressure: Ambient pressure      Temperature: Ambient temperature  
 Container Type: Steel drum  
 Amount: 40 barrels

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:**

Fee classification for this reported substance: Hazardous Chemical

**Chemical Name: MOTOR OIL**

CAS #:

- Chemical Category: ☒ Pure    ☐ Mixture  
 EHS: ☐ Yes    ☒ No  
 Physical State: ☐ Solid    ☒ Liquid    ☐ Gas  
☒ Identical to previous year  
☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid, or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)  
☒ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☐ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity (single or repeated exposure)  
☐ Aspiration hazard  
☐ Simple asphyxiant



**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Printed: January 28, 2022

**Facility: CRAMER OIL INC (continued)**

☐ Combustible dust

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: Maximum Amount code: 05 (5,000-9,999 pounds)

Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)

Max amount in largest container:

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: B01

Container Type: Steel drum

Pressure: Ambient pressure

Temperature: Ambient temperature

Amount: 15 barrels

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:**

Fee classification for this reported substance: Hazardous Chemical

State/local fees: \$250.00

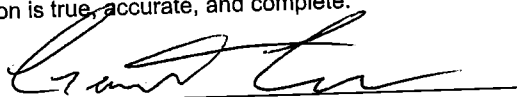
☒ I have attached a site plan

☐ I have attached a list of site coordinate abbreviations

☒ I have attached a description of dikes and other safeguard measures

**Certification (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information in pages 1 through 6, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.



Signature

01/28/2022

Date signed

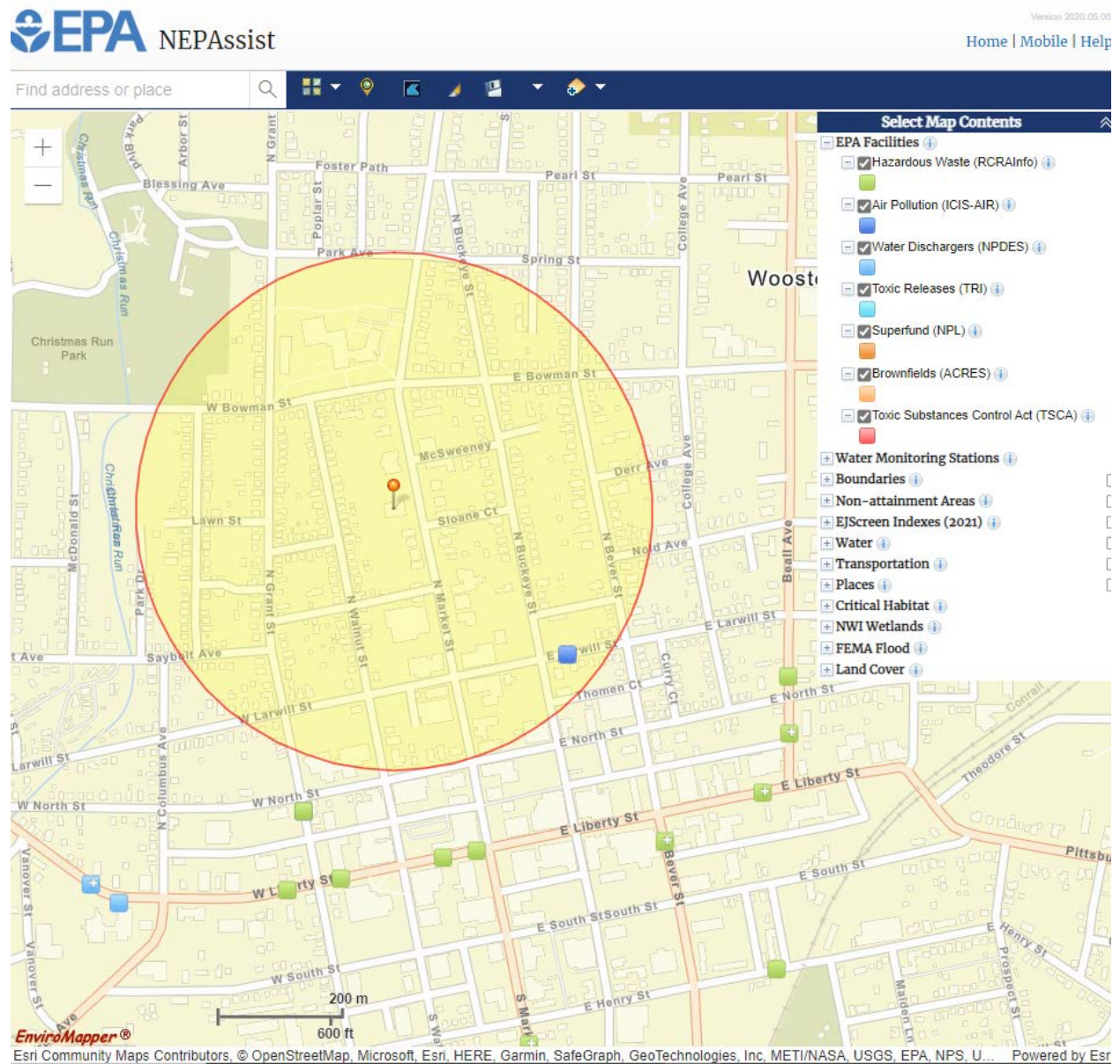
**GARRETT CRAMER**

Name and official title of owner/operator OR owner/operator's authorized representative

CRAMER OIL INC.  
530 PALMER ST  
WOOSTER, OHIO 44691

T01- 20,000 UNDER GROUND GAS  
T02- 20,000 UNDER GROUND KEROSENE  
T03- 17,000 ABOVE GROUND ULS#2 DIESEL  
T04- 17,000 ABOVE GROUND ULS#2 DIESEL  
T05- 30,000 ABOVE GROUND ULS#2 DIESEL  
T06- 17,000 ABOVE GROUND ULS#2 DIESEL  
T07- 4,000 ABOVE GROUND GAS  
T08- 1,000 ABOVE GROUND ULS#2 DIESEL  
T09-2,000 ABOVE GROUND GAS  
T10- ABOVE GROUND GAS  
T09- 8,000 UNDER GROUND OIL/WATER SEPARATOR  
T10- 550 ABOVE GROUND RECOVERY TANK  
B01- WAREHOUSE STORAGE AREA

### Registered Sites



<https://nepassisttool.epa.gov/nepassist/nepamap.aspx?wherestr=510+N.+Market+Street%2C+Wooster%2C+Ohio+44691>



## **Exhibit 14: Environmental Justice**

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*NEPAssist Report, R2013-2017 Census data, ODSA LMI Map*

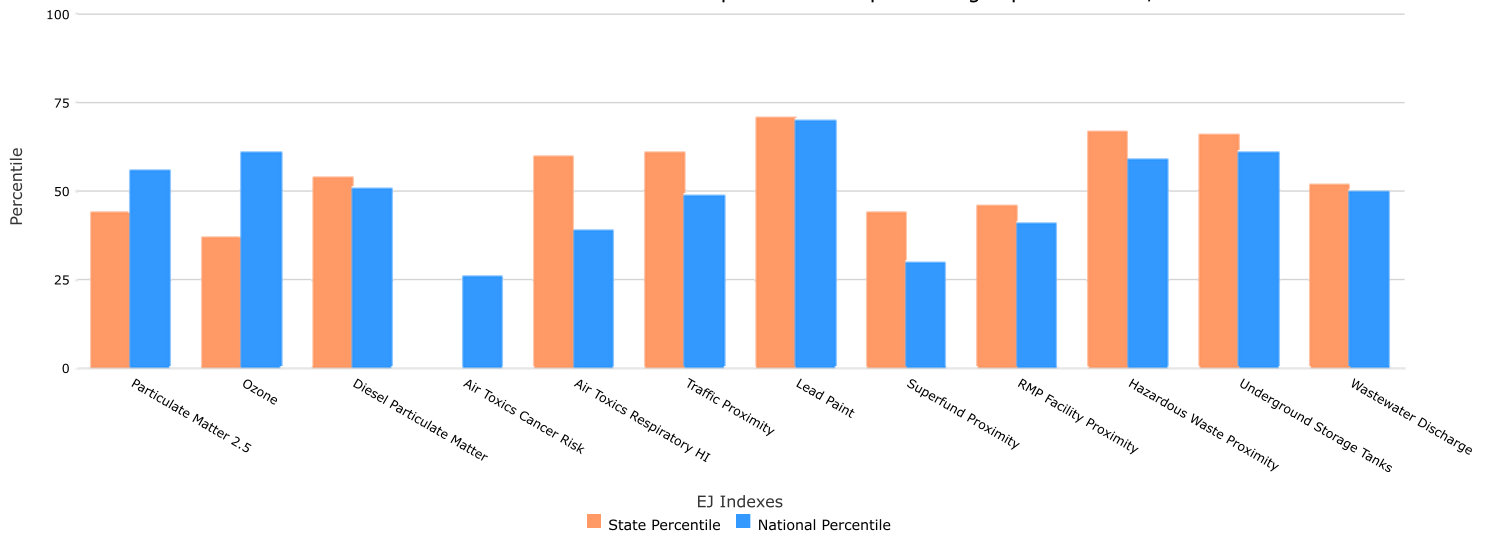
### ***Attachments:***

- *ERJ Screen ACS Summary Report 1-Mile Radius*
- *Grant Application Excerpts:*
  - *Map: Fire Station 1 PY2022 Allocation & C.I. Request*
  - *Map: LMI Area Qualification Data (And Primary Service Area)*
  - *Table: ACS 2015 Data by Blockgroup*

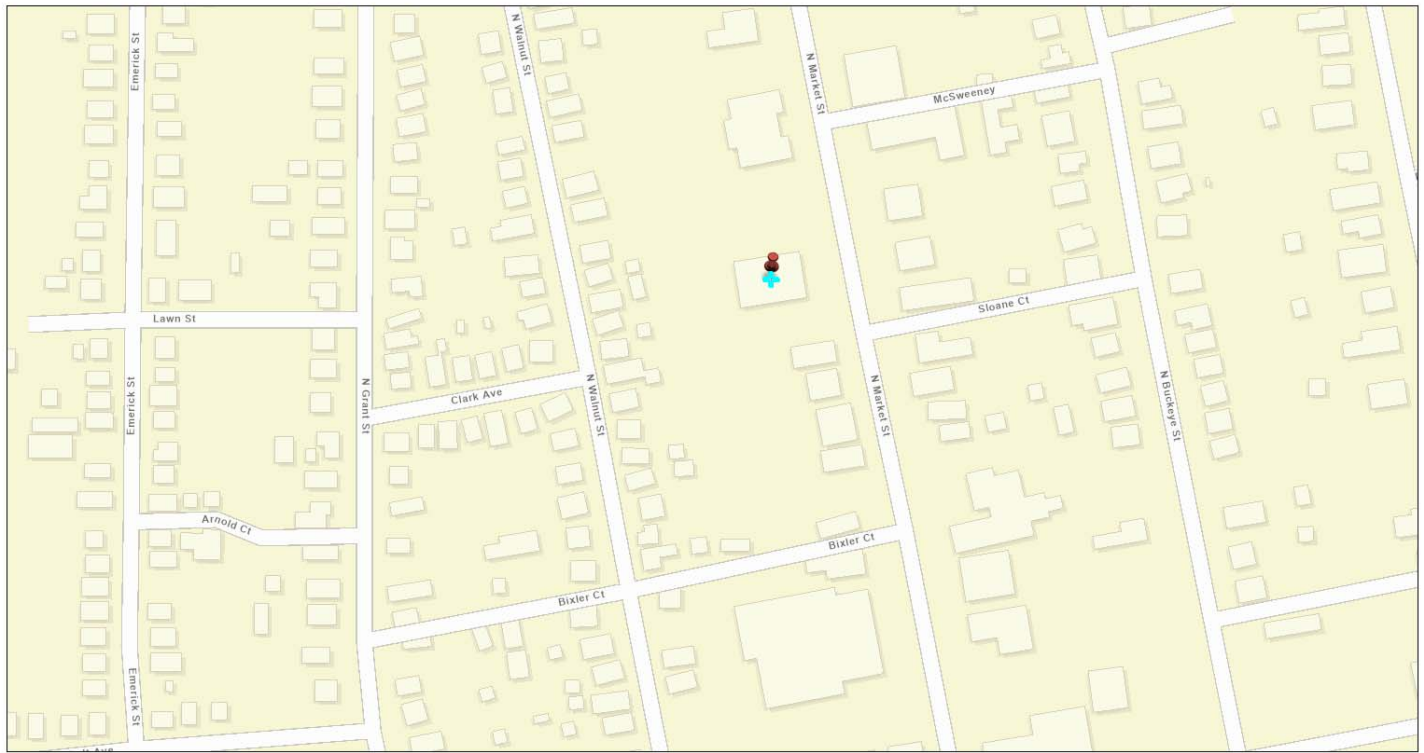
**EJScreen Report (Version 2.1)**  
**1 mile Ring Centered at 40.802925,-81.941683**  
**OHIO, EPA Region 5**  
**Approximate Population: 9,037**  
**Input Area (sq. miles): 3.14**

Selected Variables	Percentile in State	Percentile in USA
<b>Environmental Justice Indexes</b>		
EJ Index for Particulate Matter 2.5	44	56
EJ Index for Ozone	37	61
EJ Index for Diesel Particulate Matter*	54	51
EJ Index for Air Toxics Cancer Risk*	0	26
EJ Index for Air Toxics Respiratory HI*	60	39
EJ Index for Traffic Proximity	61	49
EJ Index for Lead Paint	71	70
EJ Index for Superfund Proximity	44	30
EJ Index for RMP Facility Proximity	46	41
EJ Index for Hazardous Waste Proximity	67	59
EJ Index for Underground Storage Tanks	66	61
EJ Index for Wastewater Discharge	52	50

EJ Index for the Selected Area Compared to All People's Blockgroups in the State/US

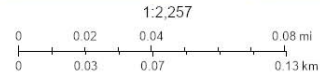


This report shows the values for environmental and demographic indicators and EJScreen indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports.



January 26, 2023

- Project 1
- Search Result (point)



Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Selected Variables	Value	State		USA	
		Avg.	%tile	Avg.	%tile
Pollution and Sources					
Particulate Matter 2.5 (µg/m³)	8.82	9.12	27	8.67	56
Ozone (ppb)	43.3	44.4	25	42.5	61
Diesel Particulate Matter* (µg/m³)	0.232	0.279	39	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	20	24	0	28	<50th
Air Toxics Respiratory HI*	0.3	0.3	87	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	270	430	61	760	52
Lead Paint (% Pre-1960 Housing)	0.76	0.4	80	0.27	89
Superfund Proximity (site count/km distance)	0.024	0.093	30	0.13	22
RMP Facility Proximity (facility count/km distance)	0.19	0.81	32	0.77	36
Hazardous Waste Proximity (facility count/km distance)	1.7	1.7	68	2.2	67
Underground Storage Tanks (count/km²)	4	2.9	75	3.9	73
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0018	0.37	48	12	54
Socioeconomic Indicators					
Demographic Index	25%	28%	58	35%	43
People of Color	12%	22%	50	40%	28
Low Income	40%	30%	65	30%	68
Unemployment Rate	6%	5%	65	5%	65
Limited English Speaking	0%	1%	0	5%	0
Less Than High School Education	7%	9%	49	12%	46
Under Age 5	4%	6%	39	6%	39
Over Age 64	12%	17%	29	16%	34

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>. (<https://www.epa.gov/haps/air-toxics-data-update>)



For additional information, see: [www.epa.gov/environmentaljustice](https://www.epa.gov/environmentaljustice) (<https://www.epa.gov/environmentaljustice>)

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EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

Location: User-specified point center at 40.802925, -81.941683

Ring (buffer): 1-miles radius

Description:

Summary of ACS Estimates		2016 - 2020	
Population		9,037	
Population Density (per sq. mile)		3,037	
People of Color Population		1,105	
% People of Color Population		12%	
Households		3,454	
Housing Units		3,762	
Housing Units Built Before 1950		2,345	
Per Capita Income		26,003	
Land Area (sq. miles) (Source: SF1)		2.98	
% Land Area		100%	
Water Area (sq. miles) (Source: SF1)		0.00	
% Water Area		0%	
		2016 - 2020 ACS Estimates	Percent MOE (±)
<b>Population by Race</b>			
Total		9,037	100% 366
Population Reporting One Race		8,600	95% 742
White		7,989	88% 360
Black		360	4% 74
American Indian		20	0% 19
Asian		220	2% 190
Pacific Islander		0	0% 12
Some Other Race		11	0% 87
Population Reporting Two or More Races		437	5% 129
Total Hispanic Population		122	1% 93
Total Non-Hispanic Population		8,915	
White Alone		7,932	88% 360
Black Alone		360	4% 74
American Indian Alone		20	0% 19
Non-Hispanic Asian Alone		220	2% 190
Pacific Islander Alone		0	0% 12
Other Race Alone		0	0% 12
Two or More Races Alone		383	4% 129
<b>Population by Sex</b>			
Male		4,384	49% 272
Female		4,653	51% 243
<b>Population by Age</b>			
Age 0-4		355	4% 118
Age 0-17		1,378	15% 159
Age 18+		7,659	85% 380
Age 65+		1,065	12% 190

**Data Note:** Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2016 - 2020

Location: User-specified point center at 40.802925, -81.941683

Ring (buffer): 1-miles radius

Description:

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	5,690	100%	284
Less than 9th Grade	97	2%	88
9th - 12th Grade, No Diploma	326	6%	76
High School Graduate	1,948	34%	218
Some College, No Degree	1,214	21%	161
Associate Degree	510	9%	132
Bachelor's Degree or more	1,594	28%	147
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	8,682	100%	356
Speak only English	8,107	93%	360
Non-English at Home <sup>1+2+3+4</sup>	575	7%	135
<sup>1</sup> Speak English "very well"	464	5%	103
<sup>2</sup> Speak English "well"	87	1%	55
<sup>3</sup> Speak English "not well"	23	0%	47
<sup>4</sup> Speak English "not at all"	0	0%	12
<sup>3+4</sup> Speak English "less than well"	23	0%	47
<sup>2+3+4</sup> Speak English "less than very well"	110	1%	58
<b>Linguistically Isolated Households*</b>			
Total	1	100%	27
Speak Spanish	0	0%	12
Speak Other Indo-European Languages	0	6%	12
Speak Asian-Pacific Island Languages	1	94%	24
Speak Other Languages	0	0%	12
<b>Households by Household Income</b>			
Household Income Base	3,454	100%	184
< \$15,000	668	19%	163
\$15,000 - \$25,000	331	10%	141
\$25,000 - \$50,000	818	24%	125
\$50,000 - \$75,000	812	24%	152
\$75,000 +	825	24%	158
<b>Occupied Housing Units by Tenure</b>			
Total	3,454	100%	184
Owner Occupied	1,721	50%	186
Renter Occupied	1,733	50%	175
<b>Employed Population Age 16+ Years</b>			
Total	7,831	100%	319
In Labor Force	4,874	62%	307
Civilian Unemployed in Labor Force	292	4%	105
Not In Labor Force	2,956	38%	207

**Data Note:** Detail may not sum to totals due to rounding. Hispanic population can be of anyrace.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

\*Households in which no one 14 and over speaks English "very well" or speaks English only.



Location: User-specified point center at 40.802925, -81.941683

Ring (buffer): 1-miles radius

Description:

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	7,820	100%	472
English	7,352	94%	486
Spanish	81	1%	57
French, Haitian, or Cajun	68	1%	98
German or other West Germanic	118	2%	86
Russian, Polish, or Other Slavic	11	0%	17
Other Indo-European	40	1%	98
Korean	28	0%	21
Chinese (including Mandarin, Cantonese)	37	0%	57
Vietnamese	30	0%	28
Tagalog (including Filipino)	0	0%	17
Other Asian and Pacific Island	30	0%	25
Arabic	4	0%	17
Other and Unspecified	21	0%	21
Total Non-English	468	6%	677

**Data Note:** Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2016 - 2020.

\*Population by Language Spoken at Home is available at the census tract summary level and up.

## Fire Station 1 PY2022 Allocation & C.I. Request

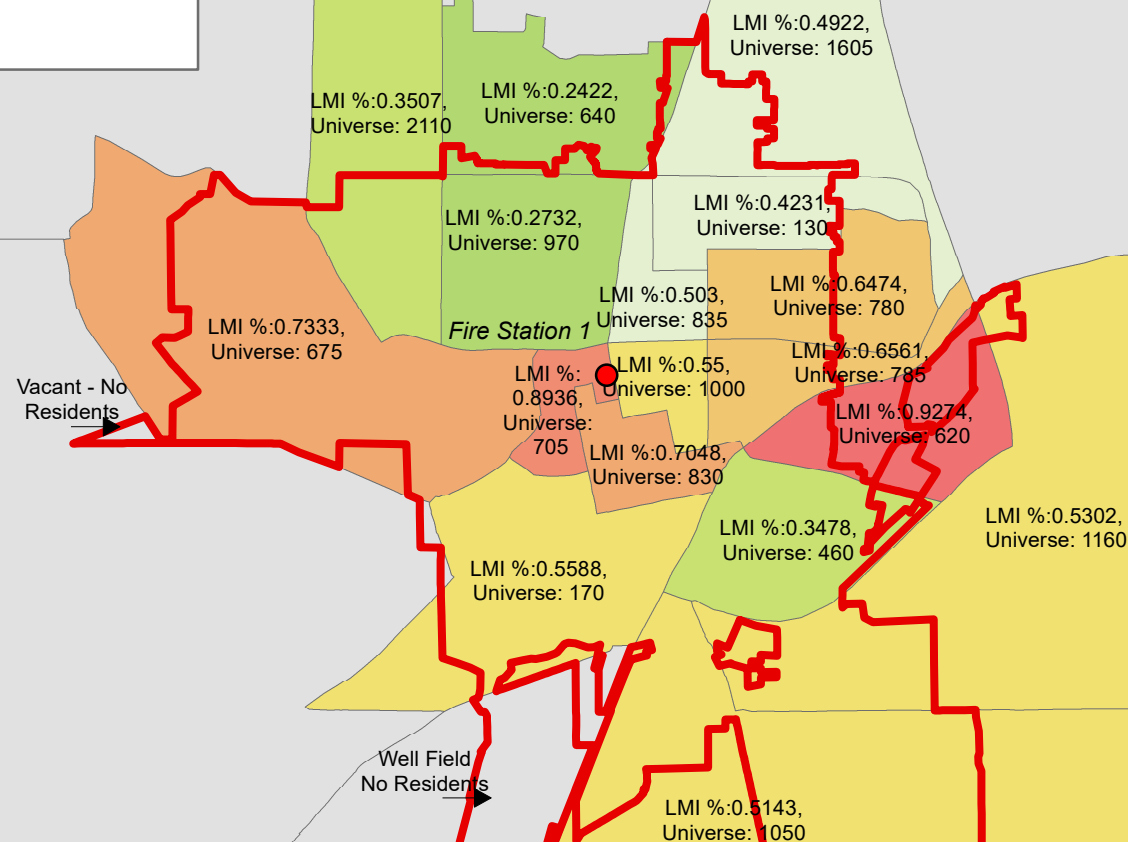
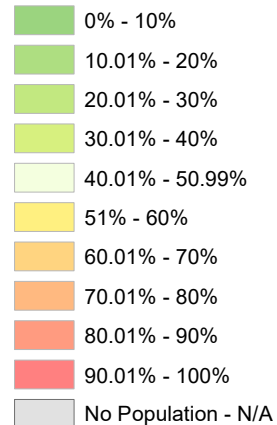
52.94% LMI per OCD 19-02

Fire Station 1 and ACS Block Group Data. 17 Block Groups with a total of 7,690 LMI, 14,525 universe. Of these, the beneficiaries are estimated to be 9,915.

 Fire Station 1 Service Area

### Fire Station 1 Served BG

#### ACS 2015 Low-Mod








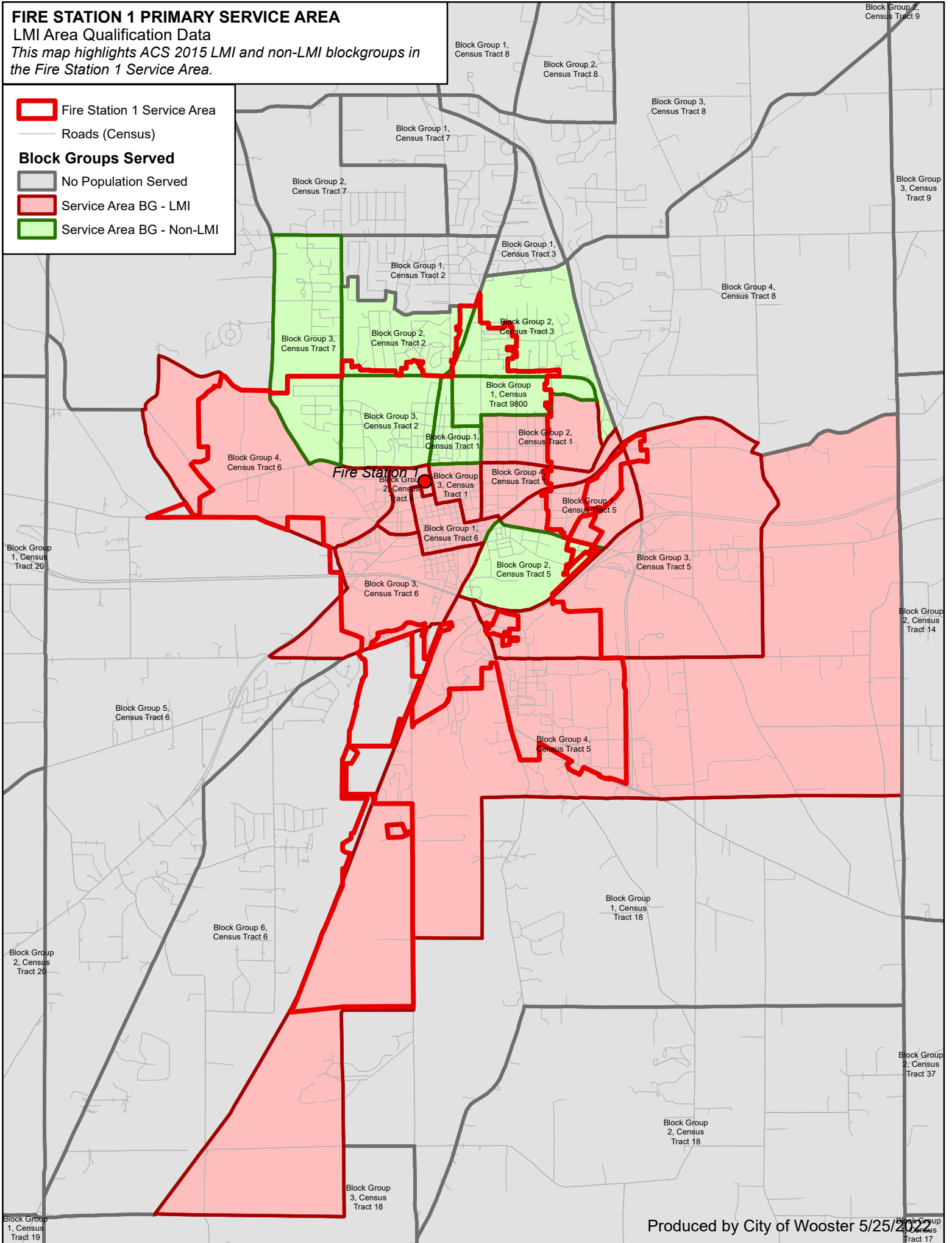
Note: TR6/BG5 and TR6/BG5 excluded. Tiny portions of these BGs are in the fire department service area but provide no residential benefit - all residents of these groups reside within Wooster Township with their own government and independent dedicated fire service. The portions contained in our Fire Station 1's area are zoned industrial, primarily located in floodplain, and residential development is not possible.

# FIRE STATION 1 PRIMARY SERVICE AREA

## LMI Area Qualification Data

This map highlights ACS 2015 LMI and non-LMI blockgroups in the Fire Station 1 Service Area.

-  Fire Station 1 Service Area
-  Roads (Census)
- Block Groups Served**
-  No Population Served
-  Service Area BG - LMI
-  Service Area BG - Non-LMI





Fire Station 1 serves a geographic area that includes areas of 17 Block Groups with residents served. 5 of these Block Groups are wholly contained in the service area, another 2 are only partially contained but wholly contain 100% of all housing units, with the remaining 10 Block Groups containing housing both inside and outside of Fire Station 1's service area. Per OGD 19-02, the **total** populations of block groups served are tabulated to determine the **52.94% LMI rate**. This table details how the total population and LMI population was determined for Fire Station 1 by individual Block Group, in addition to how actual beneficiaries are calculated.

*Estimated with local data  
and 2010 block data  
(Matching '15 ACS BGs).*

geoname	Low	Lowmod	Lmmi	Lowmodu niv	Lowmod_ pct	LMI Total	Universe Total	LMI%	LMI Population	Total Population
<b>Block Group 1, Census Tract 1, Wayne County, Ohio</b>	345	420	450	835	50.30%	420	835	50.30%	420	835
Blockgroup entirely inside service area.										
<b>Block Group 2, Census Tract 1, Wayne County, Ohio</b>	310	505	655	780	64.74%	505	780	64.74%	467	721
Though Blockgroup is split, all households are within service area with exception to the following three blocks which have portions excluded:										
<b>Block Group 3, Census Tract 1, Wayne County, Ohio</b>	460	550	910	1,000	55.00%	550	1000	55.00%	550	1,000
Blockgroup entirely inside service area.										
<b>Block Group 4, Census Tract 1, Wayne County, Ohio</b>	365	515	695	785	65.61%	515	785	65.61%	515	785
Though Blockgroup is split, 100% of households are within service area.										
<b>Block Group 2, Census Tract 2, Wayne County, Ohio</b>	40	155	240	640	24.22%	155	640	24.22%	30	123
AMENDED BOUNDARY - Removed from service area										
Block Group 2 has 640 people. Of these, 42 homes and 123 people of which are in the service area. These include:										
<b>Block Group 3, Census Tract 2, Wayne County, Ohio</b>	160	265	495	970	27.32%	265	970	27.32%	265	970
Blockgroup entirely inside service area.										
<b>Block Group 2, Census Tract 3, Wayne County, Ohio</b>	485	790	1,015	1,605	49.22%	790	1605	49.22%	493	1,001
Area includes apartments and portions of Wooster Community Hospital and College of Wooster. 1,001 residents of 1,605 are within Fire District 1's service area. The count includes: <del>Portion Block 7002 (149 homes / 226 people) includes 127 units with 217 people after excluding 12 units with 10 people</del>										
<b>Block Group 3, Census Tract 5, Wayne County, Ohio</b>	460	575	615	620	92.74%	575	620	92.74%	215	232
Includes: Block 1015 = 27 homes and 88 people										
<b>Block Group 2, Census Tract 5, Wayne County, Ohio</b>	140	160	410	460	34.78%	160	460	34.78%	137	393
Service includes all blocks with except for five:										
<b>Block Group 3, Census Tract 5, Wayne County, Ohio</b>	285	615	765	1,160	53.02%	615	1160	53.02%	283	533
Service area is split and includes the entirety of: <del>Block 3031 = 129 homes and 239 people</del>										
<b>Block Group 4, Census Tract 5, Wayne County, Ohio</b>	345	540	740	1,050	51.43%	540	1050	51.43%	160	311
OSU Campus and Vicinity Includes: <del>Block 4027 = 10 homes and 20 people</del>										
<b>Block Group 1, Census Tract 6, Wayne County, Ohio</b>	525	585	790	830	70.48%	585	830	70.48%	585	830
Blockgroup entirely inside service area.										
<b>Block Group 2, Census Tract 6, Wayne County, Ohio</b>	500	630	685	705	89.36%	630	705	89.36%	630	705
Blockgroup entirely inside service area.										
<b>Block Group 3, Census Tract 6, Wayne County, Ohio</b>	30	95	150	170	55.88%	95	170	55.88%	72	129
Excludes:										
<b>Block Group 4, Census Tract 6, Wayne County, Ohio</b>	370	495	630	675	73.33%	495	675	73.33%	494	673
Blockgroup split, excludes Block 4024 with 1 home and 2 people. No other units outside of service area.										
<b>Block Group 5, Census Tract 6, Wayne County, Ohio</b>	460	615	745	1,390	44.24%	0	0	0.00%	0	0
Excluded - No Residences in service area - All residents of this Block Group are in the jurisdiction of Wooster Township and served by the Wooster Township Fire Department. Due to annexation, Fire Station 1 covers 21 acres of vacant fields and a water well site in this block group, less than 1% of its territory, all of which is encumbered by floodway and undevelopable. No habitable structures exist within Fire District 1 within this Block Group.										
<b>Block Group 6, Census Tract 6, Wayne County, Ohio</b>	120	280	625	1,495	18.73%	0	0	0.00%	0	0
Excluded - No Residences in service area - All residents of this Block Group are in the jurisdiction of Wooster Township and served by the Wooster Township Fire Department. Due to annexation, Fire Station 1 covers 21 acres of vacant fields and a water well site in this block group, less than 1% of its territory, all of which is encumbered by floodway and undevelopable. No habitable structures exist within Fire District 1 within this Block Group.										
<b>Block Group 3, Census Tract 7, Wayne County, Ohio</b>	350	740	1,235	2,110	35.07%	740	2110	35.07%	197	563
Fire service area splits this block group, which includes:										
<b>Block Group 1, Census Tract 9800, Wayne County, Ohio</b>	30	55	85	130	42.31%	55	130	42.31%	47	111
Service area splits Block 1001 (71 units / 122 people), excluding 11 units , 18.9 people (one triplex, one duplex, and seven single-family homes). The LMI rate for the service area portion, comprising 85% of the total block group's population, is deemed appropriate.										

## **Exhibit 15: Field Notes**

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*Forms, Zoning Map, Contour Map,*

### ***Attachments:***

- *Field Survey*
- *Zoning Map*
- *Contour Map*
- *Photographs - See EXHIBIT 1*

## OCD Environmental Review Record Field Notes Checklist

This checklist is to be completed during the field visit to the project site and is to be attached to the environmental review record (ERR). It will constitute full documentation for some factors in the ERR, and partial documentation for other factors. Some factors on the Checklist require other kinds of documentation (e.g. contacts and correspondence with the State Historic Preservation Office, interviews and correspondence with fire and police, schools, etc.), so those factors are not included in this checklist.

Aggregate all activities that comprise the project (fund with HOME, ESG, CDBG, or any other funds). Provide answers to all questions that can be observed during the field visit. Use spaces provided for any supplemental information and/or for recording any recommended mitigation measures. Use additional sheets, if necessary, but key additional information to the relevant questions.

Several different types of maps will be useful on the field visit, such as project plan or plat map, location map showing major features and facilities in the vicinity, USGS topographical map, zoning map, and land use map. Many of the conditions observed can and should be recorded directly on the project plan. Distances to major features and facilities (e.g., schools and fire stations) and a description of the surrounding area are examples. The plan can then be referenced as "source/documentation" on the EA form.

### Section 1: General Project Information

Grant Agreement Number(s): A-F-22-2EQ-1 : A-X-2EQ-1

Single year or Multi-Year: Multi-year

General or Tier Review: General Review - Environmental Assessment Level

Project Name: Fire Station 1 Renovation

Activity Name(s) and Grant Agreement Attachment A Number: Allocation Grant (\$122,500) + C1 (\$500,000)  
" 1- Fire Station 1 Rehab & Expansion / 1- Fire Station Protect. Fac. & Equip."

Location (Street Address, City, Township, County): 510 N. Market St. | Wooster OH 44691

Brief Description of Aggregated Project: This project will renovate the existing Fire Station 1 facility (10,148 sq ft) and expand the facility with three additions (4,828 sq total) to add a new vehicle bay + training tower, new office space, and life support space (physical training and dining area). Needed as current condition don't meet NFPA standards, and in order to meet DEMAND

1. Project is in a location described as: ☒ Central City ☐ Suburban ☐ Infill Urban Development  
☐ In a Developing Rural Area ☐ In an Undeveloped Area



2. Project is served by: ☒ Paved Access ☒ Public Water ☒ Public Sanitary Sewer ☒ Public Storm Sewers  
☒ Gas ☒ Electric ☒ Other Utilities (Specify) Fiber
3. Is the project an addition to existing development? ☒ Yes ☐ No (4,828 New sf)
4. Are there existing buildings on the site? ☒ Yes ☐ No 10,148 Building to be renovated.
5. Is the site covered with trees and non-agricultural vegetation? ☐ Yes ☒ No ornamental,
6. Is the site presently being farmed? ☐ Yes ☒ No

### Section 2: Noise

7. Is the project within 1,000 feet of a major road/highway/freeway? ☒ Yes ☐ No N. Market, Bowmans
8. Is the project within 3,000 feet of a railroad? ☒ Yes ☐ No Norfolk-Southern Class II
9. Is the project within 15 miles of a military airfield? ☐ Yes ☒ No
10. Is the project within 5 miles of a civil airport? ☐ Yes ☒ No

If yes was answered to any question 7 - 10, then a noise assessment must be conducted. For airports, use adopted Day/Night Noise Level (DNL) Contours. For projects environments that exceed HUD noise standards, mitigation measures must be conducted.

See Noise Assessment in Exhibit 10 Note Project will IMPROVE conditions and bring levels BELOW required thresholds

### Section 3: Floodplain/Wetlands/Coastal Zones

11. Are there drainage, streams, rivers, or coastlines on or near the site? ☐ Yes ☒ No
12. Is the project or access in the floodplain? ☐ Yes ☒ No See Exhibit 2  
(If the project is in the floodplain, compliance will require following the 8-step process.)
12. Are there ponds, marshes, bogs, or evidence of jurisdictional wetlands on or near the site? ☐ Yes ☒ No  
See exhibits 3+4
13. Are there soils or vegetation characteristic of wetlands on or near the site? ☐ Yes ☒ No  
See exhibits 3+4

## Section 4: Hazards

14. Are industrial facilities handling explosive or fire-prone material such as liquid propane, gasoline, or other storage tanks visible from the project site? ☐ Yes ☒ No See Exhibit 12  
If yes, check for compliance with 24 CFR Part 51 C, using HUD Hazards Guidebook
15. Is the project within 3,000 feet from the end of a runway at a civil airport? ☐ Yes ☒ No See Exhibit 11  
If yes, check for compliance requirements at 24 CFR Part 51.
16. Is the project within 2 1/2 miles from the end of a runway at a military airfield? ☐ Yes ☒ No See Exhibit 11  
If yes, check for compliance requirements at 24 CFR Part 51.
17. Is the project near dump or landfill site? ☐ Yes ☒ No See Exhibit 12
18. Is the project near an industry disposing of chemicals or hazardous wastes? ☐ Yes ☒ No See Exhibit 12

## Section 5: Compatibility with Surrounding Development

19. Is the project compatible with surrounding area in terms of:

	Yes	No		Yes	No
Land Use	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Compatible</u>	Texture, Materials	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Improve</u>
Height, Bulk, Mass	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Compatible</u>	Building Type (Low/high Rise)	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Improve</u>
Building Density	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>"</u>	Building Arrangement	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Improve</u>
Population Density	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Improve</u>	Light/shadow and Ventilation	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Improve</u>
Setback	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Compatible</u>	Landscaping	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>Improve</u>

This Project takes a 1961 - garage with attached office and life support facility, Renovates it to modern standards, adds space required to support more staff to meet current + projected demand, and ADDS to the appearance and enhances the Bldg. w/ surroundings. (Note, CD B6 finds

20. Will the project be unduly influenced by: will not be used on facade

	Yes	No		Yes	No
Building Obsolescence	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Resolves</u>	Transition of Land Uses	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Enhance</u>
Vacant Buildings	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>N/A</u>	Transition in Density	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>N/A</u>
Building Deterioration	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Resolves</u>	Non-conforming Conversions	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Enhance</u>
Postponed Maintenance	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>N/A</u>	Incompatible Land Uses	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>N/A</u>
Obsolete Public Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Resolves</u>	Inadequate off-street Parking	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>N/A</u>
Buildings Crowding Land	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Enhance</u>			

Project largely enhances and complements surrounding land uses with investment to enhance facade and external appearance

## Section 6: Site Accessibility, Parks and Recreation, Commercial/Retail, Transportation

21. Is the project accessible to employment, shopping, and services? ☒ Yes ☐ No
22. Are parks and play spaces available on site or near by? ☐ Yes ☒ No About 1,300 feet - Playground
23. Are commercial/retail shopping centers nearby? ☒ Yes ☐ No Downtown, office, mixed-use
24. Is public transportation service available? ☒ Yes ☒ No City subsidizes commercial fixed bus route (Washco Transit)

## Section 7: Physical Site Suitability

25. Slopes are: ☐ Not applicable ☐ Steep ☐ Moderate ☒ Slight Slope is under 3%
26. Is there evidence of slope erosion? ☐ Yes ☒ No Mostly paved, stormwater in place  
(Such as extensive gullies/small ravines? Bowed retaining walls? Washing away of top-soil and grasses? Tree movement? Fire scars?)
27. Is there evidence of unstable slope conditions? ☐ Yes ☒ No See Exhibit 15 Contours  
(Such as trees perpendicular to slope? Vertical cracks at top of slope? Tilted utility poles? Hummocky-undulations on mid to lower slopes?)
28. Is there evidence of ground subsidence on the site? ☐ Yes ☒ No None

## Section 8: Soil Suitability and Erodibility

29. Soils are: ☒ Loose, Fine Grained Silts <sup>max 75%</sup> ☒ Gravel/sands <sup>max 35%</sup> ☐ Clay (Hard/dry) <sup>max 22%</sup> ☐ Non-expansive
- ☒ Moderately Expansive ☐ Highly Expansive ☒ Mix of (Check Appropriate Boxes) CFB
30. Clay is expansive  
Are there visual indications of filled ground? ☐ Yes ☒ No Complex urban  
(Materials loosely piled on ground? Loose vegetation? Earth has graded appearance or topography appears unnatural in grade as related to the vicinity?)
31. Are there active rills and gullies on site? ☐ Yes ☒ No
32. Is there off-site drainage to site? ☐ Yes ☒ No Area protected w/ stormwater utility



## Section 9: Natural Hazards

33. Will the project be affected by:

	Yes	No		Yes	No
Faults/Fractures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cliffs/Bluffs/Crevices	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wind/Sand Storms	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Slope-failures from Rains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Poisonous Plants/Insects/Animals	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unprotected Water Bodies	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Hazardous Terrain Features	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

N/A. Non-seismic zone

## Section 10: Man-made Hazards and Nuisances

34. Will the project be affected by:

	Yes	No		Yes	No
Hazardous Street Conditions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rail Crossing Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dangerous Intersections	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazards in Vacant Lots	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inadequate Street Lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chemical Tank-car Terminals	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sanitary Landfills or Mining Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trucking Terminals	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Industrial Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other Hazardous Chemical Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>
High Pressure Gas Transmission Lines	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Overhead Transmission Lines	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous Cargo Transportation Routes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Oil and Gas Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Through Traffic Problems	<input type="checkbox"/>	<input checked="" type="checkbox"/> Improves	ASTM Phase I Identified Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inadequate Screened Drainage Catchment Structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Children's Play Area Located near High Volume Traffic Ways	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inadequate Separation of Pedestrian And Vehicle Traffic	<input type="checkbox"/>	<input checked="" type="checkbox"/> Improves (public access to facility)	Unscreened Quarries or Other Excavations	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This is an established neighborhood with special zoning protection and full suite of infrastructure/utilities

35. Will the project be affected by:

	Yes	No		Yes	No
Gas, Smoke, Fumes	<input type="checkbox"/>	<input checked="" type="checkbox"/> Improves	Unsightly Land Uses	<input type="checkbox"/>	<input checked="" type="checkbox"/> Improves
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Front-lawn Parking	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Abandoned Vehicles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Glare from Parking Areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rodent and Vermin Problem	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Billboard Encroachment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Industrial Nuisances	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vacant/boarded up Buildings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other _____	<input type="checkbox"/>	<input type="checkbox"/>

*This project enhances the operations, capabilities and appearance of a 1961-constructed fire station.*

### Section 11: Air Quality

36. Are there air pollution generators nearby which would adversely affect the site?

	Yes	No		Yes	No
Heavy industry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Large parking facilities(1,000+)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Incinerators	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Six lanes of traffic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power generating plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Indoor black mold	<input type="checkbox"/>	<input checked="" type="checkbox"/> Protects against
Oil refineries	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lead	<input type="checkbox"/>	<input checked="" type="checkbox"/> Protects against
Asbestos <i>Protects against</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

*Note. As a renovation of a 1961 bldg, Lead, Asbestos, and Mold are risks which this project will reduce or eliminate to modern standards. DEPA notices to be provided.*

### Section 12: Unique Natural Features and Areas

37. Is the project near natural features such as bluffs and cliffs? ☐ Yes ☒ No

38. Is the project near public or private scenic rivers or areas? ☐ Yes ☒ No

39. Are there natural resources visible on the site or in the vicinity? ☐ Yes ☒ No

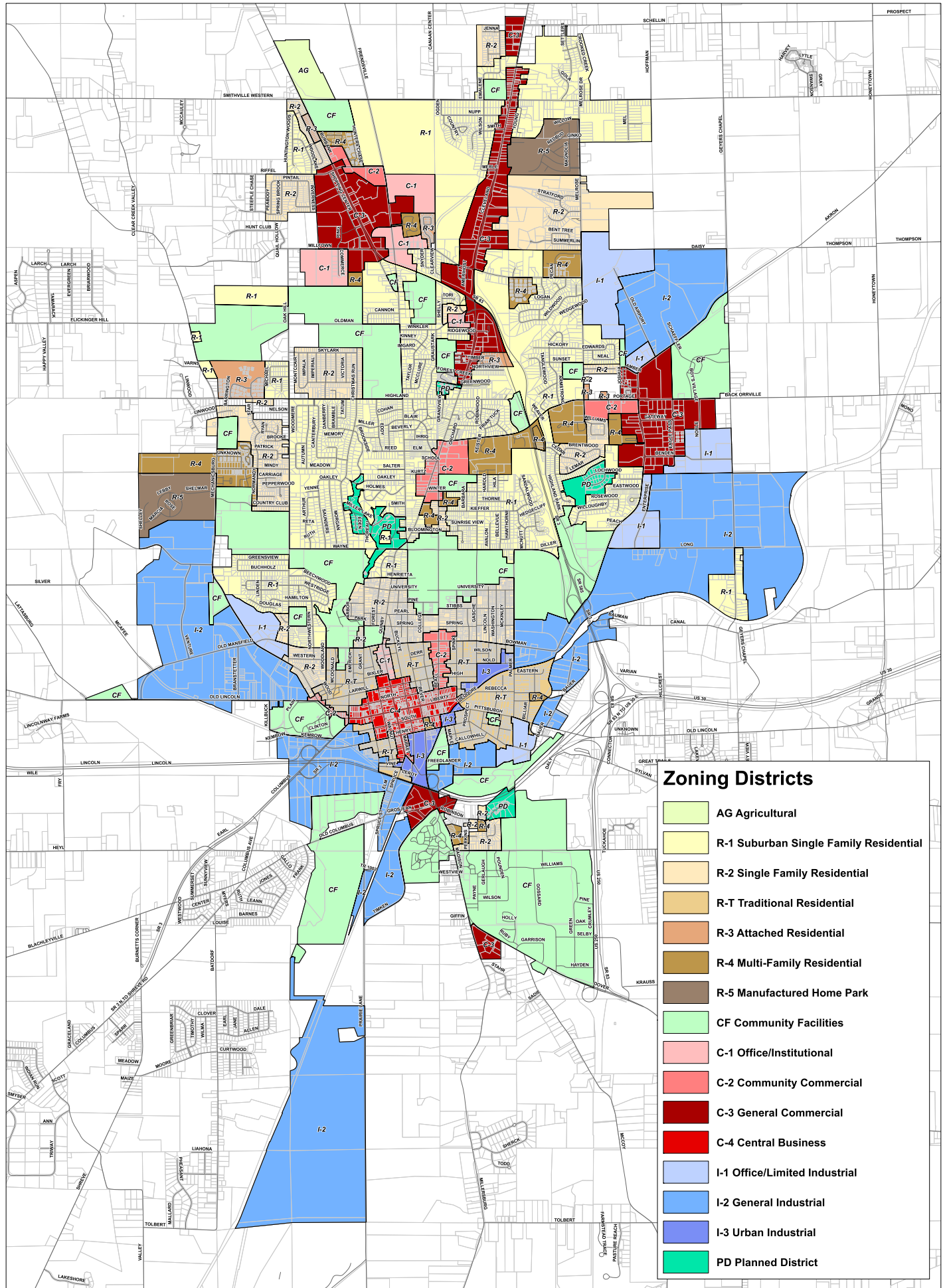
### Section 13: Additional Documentation

Please see Table of Contents for list of exhibits. Fire Station 1 is contained on Parcel 64-02360.000 and measures 1.1970 acres with an average 2.6% slope. Mostly paved, the site is supported with underground stormwater drains. Project allows for expansion and scaling of facility as needed to support current demand for fire and EMS service, with investment to ENHANCE the appearance of the facility to complement the surrounding structures within the N. Market St. Historic District. Site visits include June 16, 2022<sup>(12pm)</sup> and a follow-up visit January 26, 2023<sup>(2pm)</sup>.

- Completed by Samantha Miller  
Development Coordinator  
City of Worcester



# City of Wooster Official Zoning Map









End Document