

Projects By Stakeholder

Stakeholder	Project Name	Status	Timeframe	ProjectDescription
Air Force Reserve Command	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
City of Niles	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	NiTTTS Advanced Paratransit Scheduling and Dispatch System	Planned	Short	Implement an advanced para-transit scheduling and dispatch system at NiTTTS coordinated with WRTA.
City of Niles Engineer	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 2	Planned	Long	Signal upgrade and coordination along the major evacuation routes.
	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
	NiTTTS Advanced Paratransit Scheduling and Dispatch System	Planned	Short	Implement an advanced para-transit scheduling and dispatch system at NiTTTS coordinated with WRTA.
City of Niles Public Safety Department	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Municipal Computer Aided Dispatch to Emergency Vehicles	Planned	Long	Integrating the computer aided dispatch to the emergency management center that will allow the operators to dispatch emergency response vehicles to the scene more rapidly.
	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
City of Warren Operations Department	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 2	Planned	Long	Signal upgrade and coordination along the major evacuation routes.
	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
	NiTTTS Advanced Paratransit Scheduling and Dispatch System	Planned	Short	Implement an advanced para-transit scheduling and dispatch system at NiTTTS coordinated with WRTA.
	Trumbull County - The North River Road / Elm Road Safety Enhancement Project	Planned	Short	This project will consist of constructing a skid resistant surface course, upgrading pavement markings, improving traffic lane alignments, and upgrading the existing traffic signals to optimize traffic timing and flow. Access management will also be con
City of Warren Public Service and Safety Department	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Municipal Computer Aided Dispatch to Emergency Vehicles	Planned	Long	Integrating the computer aided dispatch to the emergency management center that will allow the operators to dispatch emergency response vehicles to the scene more rapidly.

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	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
City of Youngstown				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Municipal Computer Aided Dispatch to Emergency Vehicles	Planned	Long	Integrating the computer aided dispatch to the emergency management center that will allow the operators to dispatch emergency response vehicles to the scene more rapidly.
City of Youngstown Street Department				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 2	Planned	Long	Signal upgrade and coordination along the major evacuation routes.
	WRTA Bus Traffic Signal Priority	Planned	Medium	Study key transit corridors for applicability of bus traffic signal priority to improve transit travel time. Implement transit signal priority on traffic signals on identified corridors.
Commercial Fleet Owners				
	Mahoning / Trumbull Counties Commercial Vehicle Operations	Planned	Long	System collecting data carried in trucks traveling on specific routes.
County Sheriff				
	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
Financial Institutions				
	WRTA Passenger Management System	Planned	Short	System that provides fare reconciliation between peer agencies using a common travel card.
General Public				
	Connected Vehicle	Planned	Long	Deployment of Connected Vehicle infrastructure, including roadside equipment and controller modifications, to implement vehicle-to-infrastructure (V2I) communications in the 2014-2020 timeframe (as vehicles are equipped). Connected Vehicle is a suite of t
	ODOT Traveler Information Delivery Methods	Planned	Medium	Implement traveler information dissemination methods which may include personalized traveler information on a subscription basis delivered to cell phones, pagers, personal computing devices. Information gathered through various detection methods could als
Mahoning County				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Mahoning / Trumbull Counties Commercial Vehicle Operations	Planned	Long	System collecting data carried in trucks traveling on specific routes.
Mahoning County Emergency Management Agency				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	ODOT Install Snow and Ice Detection Management and Advanced Snow Plow Systems	Planned	Long	Road weather information systems integrated with advanced technology snow plows. These systems provide early warning of icing and snow, and meter the amount of chemical and/or sand applied based on surface conditions, including amount of chemicals already

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Mahoning County Traffic Department				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 2	Planned	Long	Signal upgrade and coordination along the major evacuation routes.
	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
	NiTTTS Advanced Paratransit Scheduling and Dispatch System	Planned	Short	Implement an advanced para-transit scheduling and dispatch system at NiTTTS coordinated with WRTA.
Niles-Trumbull Transit System (NiTTTS)				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
	NiTTTS Advanced Paratransit Scheduling and Dispatch System	Planned	Short	Implement an advanced para-transit scheduling and dispatch system at NiTTTS coordinated with WRTA.
	NiTTTS AVL System	Planned	Medium	Installation of AVL on all NiTTTS vehicles.
	NiTTTS Google Transit	Planned	Short	NiTTTS will pair with Google to feed information on Google transit.
ODOT				
	Connected Vehicle	Planned	Long	Deployment of Connected Vehicle infrastructure, including roadside equipment and controller modifications, to implement vehicle-to-infrastructure (V2I) communications in the 2014-2020 timeframe (as vehicles are equipped). Connected Vehicle is a suite of t
	Connection of Private Providers	Planned	Long	Private providers to work with ODOT to establish links with private providers to deliver traffic information to more people in different facets.
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 2	Planned	Long	Signal upgrade and coordination along the major evacuation routes.
	ODOT Highway-Rail Intersection Advanced Safety Systems	Planned	Long	Install advanced Highway-Rail Safety Systems at key crossings. A study must be conducted to identify the crossings and the preferred system.
	ODOT Install Snow and Ice Detection Management and Advanced Snow Plow Systems	Planned	Long	Road weather information systems integrated with advanced technology snow plows. These systems provide early warning of icing and snow, and meter the amount of chemical and/or sand applied based on surface conditions, including amount of chemicals already
	ODOT Maintenance Vehicle Upgrade	Planned	Long	Automatic Vehicle Location for maintenance vehicles.
	ODOT Service Patrols	Planned	Medium	Purchase and operate one freeway service patrol vehicle.
	ODOT Traveler Information Delivery Methods	Planned	Medium	Implement traveler information dissemination methods which may include personalized traveler information on a subscription basis delivered to cell phones, pagers, personal computing devices. Information gathered through various detection methods could als
	ODOT Work Zone Safety Improvements	Planned	Medium	Improvements to work zones to reduce collisions. Ability to alert drivers of a construction zone, roadway hazard, or speed change.

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	YSU Research Program: Real-Time Stress Monitoring of Highway Bridges	Planned	Short	This collaborative research aims to develop a real-time stress monitoring system for highway bridges with a secured wireless sensor network. The program monitors the stress of highway bridges in Mahoning County with a light-weight and reliable wireless se
	YSU Research Program: Work Zones	Planned	Medium	Establish a research program, in conjunction with ODOT, to test new implementation concepts such as crash mitigation or work zone operations systems.
Ohio State Highway Patrol (OSHP)				
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Other Municipalities and Townships				
	City of Newton Falls Signal Pre-emption	Planned	Short	Pre-emption will be provided on all approaches for four signalized intersections including W. Broad at Ridge/Windham, W. Broad at Canal, Broad at Center, and E. Broad at Milton. Seventeen emergency vehicles, including fire, EMS, and police, will be retro
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 2	Planned	Long	Signal upgrade and coordination along the major evacuation routes.
	Municipal Computer Aided Dispatch to Emergency Vehicles	Planned	Long	Integrating the computer aided dispatch to the emergency management center that will allow the operators to dispatch emergency response vehicles to the scene more rapidly.
	Trumbull County - Warren Sharon Road/Howland Wislon Road Intersection Project	Planned	Short	This intersection improvement project will consist of a signal improvement and the addition of left turn lanes at the intersection of Warren Sharon Road and Howland Wilson Road in Howland Township.
Penn DOT				
	ODOT Install Snow and Ice Detection Management and Advanced Snow Plow Systems	Planned	Long	Road weather information systems integrated with advanced technology snow plows. These systems provide early warning of icing and snow, and meter the amount of chemical and/or sand applied based on surface conditions, including amount of chemicals already
Private Information Service Providers				
	NiTTS Google Transit	Planned	Short	NiTTS will pair with Google to feed information on Google transit.
Railroad Operators				
	ODOT Highway-Rail Intersection Advanced Safety Systems	Planned	Long	Install advanced Highway-Rail Safety Systems at key crossings. A study must be conducted to identify the crossings and the preferred system.
Social Networking Firms				
	Connection of Private Providers	Planned	Long	Private providers to work with ODOT to establish links with private providers to deliver traffic information to more people in different facets.

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	ODOT Traveler Information Delivery Methods	Planned	Medium	Implement traveler information dissemination methods which may include personalized traveler information on a subscription basis delivered to cell phones, pagers, personal computing devices. Information gathered through various detection methods could als
Trumbull County				
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	Mahoning / Trumbull Counties Commercial Vehicle Operations	Planned	Long	System collecting data carried in trucks traveling on specific routes.
	Municipal Signal Pre-Emption	Planned	Long	Pre-emption signal system for emergency vehicles
	NiTTs Advanced Paratransit Scheduling and Dispatch System	Planned	Short	Implement an advanced para-transit scheduling and dispatch system at NiTTs coordinated with WRTA.
	Trumbull County - The North River Road / Elm Road Safety Enhancement Project	Planned	Short	This project will consist of constructing a skid resistant surface course, upgrading pavement markings, improving traffic lane alignments, and upgrading the existing traffic signals to optimize traffic timing and flow. Access management will also be con
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	Trumbull County Maintenance Vehicle Upgrade	Planned	Medium	Automatic Vehicle Location for maintenance vehicles.
Trumbull County Emergency Management				
	Eastgate / County Signal System Upgrades and Evacuation Plan Updates - Part 1	Planned	Short	Study and development of plan to evacuate Trumbull and Mahoning Counties in case of an emergency affecting mass area.
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Trumbull County Engineer				
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Western Reserve Transit Authority (WRTA)				
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	WRTA Bus Traffic Signal Priority	Planned	Medium	Study key transit corridors for applicability of bus traffic signal priority to improve transit travel time. Implement transit signal priority on traffic signals on identified corridors.
	WRTA Kiosks at Transfer Points	Planned	Medium	WRTA to establish kiosk at key locations to provide bus route information and trip planning.
	WRTA Passenger Management System	Planned	Short	System that provides fare reconciliation between peer agencies using a common travel card.
	WRTA Surveillance Control	Planned	Medium	To include CCTV at certain locations to provide surveillance at stations and surrounding areas for security purposes.
	WRTA/NiTTs Transit Vehicle Updates	Planned	Short	Installation of Wireless Internet Feed on buses, automated signs, and annunciators.