Interagency and International Services

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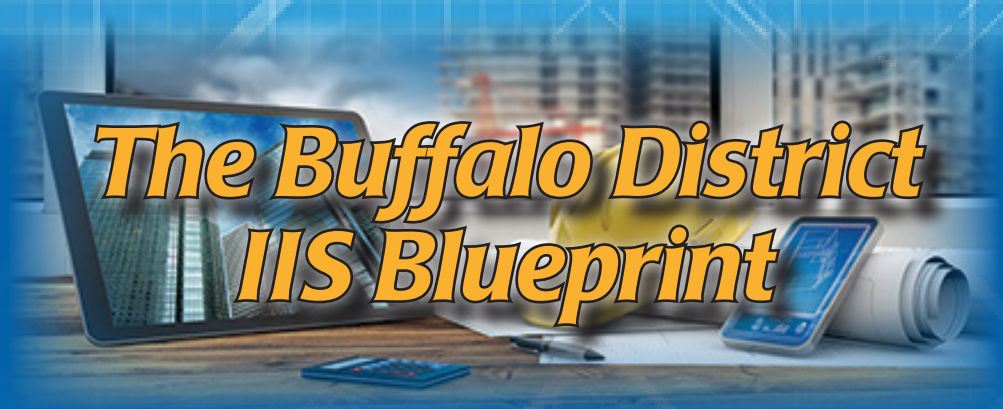

The Buffalo District IIS Blueprint

Select a Buffalo District IIS Service:

(Click on a Service Icon below to begin)

Facilities and Infrastructure

Environmental Remediation

Environmental Restoration

Operations and Maintenance

Construction Operations/ Management Oversight

Survey

Environmental Compl. & Anal.

Sediment/Nutrient Transport

Technical Writing

Dredging and River Restoration/Remediation Services

Procurement & Contracting

Real Estate

Cost Engineering and Estimating

Master Planning

Geospatial Support

Economic

Water Resources Management and H&H

Dive Team

CSRA

This interactive presentation of the IIS Blueprint is designed to allow users an understaning of the services the Buffalo District offers through its IIS program, and show them the step by step process of requesting services and initiating a project.

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Survey

Survey - HYDROGRAPHIC SURVEYS

Three 26' survey vessels equipped with a multi-beam sonar w/side scan capability. Frequency of multi-beam sonar's meets USACE standards for performing dredging surveys and quantity calculations. All multi-beam equipped vessels can be put on a trailer for easy transportation and rapid response. Large areas of open waters are ideal for survey with the multi-beam, as the entire area can be surveyed without gaps. Data from multi-beam surveys can used to produce any number of final products such as:

- 3-D models to visualize bottom terrain and to generate cross-sections at specified locations
- 2-D colors plots to show depths above and below a user-specified depth.
- Contour plots at any interval requested
- Geo-TIFF files of #1, #2, & #3 can be generated to use as background images for other applications.
- A plot of depths in plan view form (this can be customized to any text size and spacing based upon project requirements.
- Changes in surfaces can be calculated and modeled to show where and how much change has occurred.

Survey Vessels "MONSON" and "WITMER"

Survey continued >

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Survey

Survey - HYDROGRAPHIC SURVEYS

Two (16’ and 19’) trailerable survey vessels equipped with a standard single beam depth recorders available for shallow water surveys, and also meeting USACE standards for performing dredging surveys and quantity calculations. All of the 3 options listed for multi-beam survey can also be utilized with single beam surveys also.

Survey Vessel “JETBOAT”

16’ Row Boat

Survey continued >

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Survey

Survey - TOPOGRAPHIC SURVEYS

Total Stations w/data collectors, including Trimble S6 Reflectorless Robotic Total Stations and Trimble RTK GPS w/data collectors provide all of our survey crews the ability to run field to finish surveys and develop project base mapping, including digital terrain models to allow our stakeholders the ability to meet their mission tasks.

Survey - TOPOGRAPHIC SURVEYS

Vessel mounted Lidar (light detection and ranging) has been added to our tool box with the acquisition of the Optech Ilris 3d laser scanner, which has the capabilities to collect data in a terrestrial (static) mode and in a marine (mobile) mode of operation. It specifically gives the LRB survey section the ability to survey offshore breakwater structures from a moving survey vessel, with little or no “boots on the ground” field survey required.

Trimble S6 Robotic Total Station

Optech Iris Vessel Mounted LiDAR

Survey Vessel “BUXBAUM”

Survey continued >

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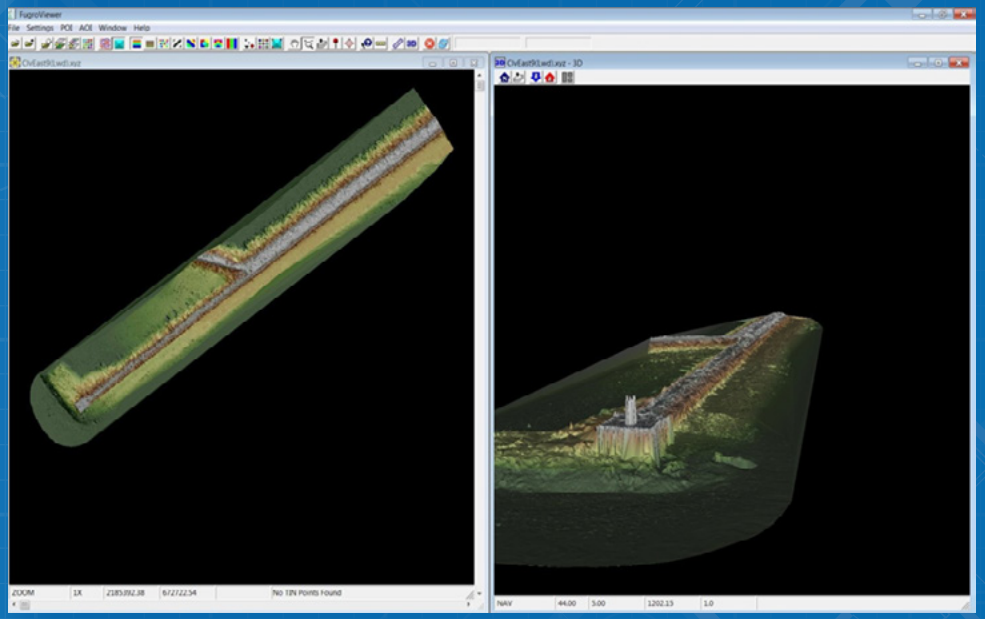
Survey



Screen Capture of Vessel Mounted LiDAR Data Set

Survey - TOPOGRAPHIC SURVEYS

Polaris Ranger 800 Crew UTV with 25' enclosed trailer gives the survey section the ability to gain access to difficult locations, but provides the survey section the ability to collect ground elevation using a mobile platform. Mounting the Trimble R10 or R6 GPS unit in a RTK (real time kinematic) OTF (on-the-fly) mode allows the survey crew personnel to collect ground elevation data while driving the Polaris Ranger UTV, so field efficiency and productivity is greatly enhanced.

Polaris Ranger 800

Survey continued >

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Survey

Survey - CONTROL SURVEYS

All survey crews are equipped with Trimble R10 and R6 GPS base and rover systems giving us the ability for project horizontal and/or vertical control establishment surveys using Static, Fast Static and Real Time Kinematic modes of operation. This can be done either through utilizing existing NGS (National Geodetic Survey) control points, utilizing OPUS (On-line Positioning Users Service) operated by NGS, and also using the Ohio and New York VRS networks for real-time position acquisition.

All survey crews are equipped with Trimble DiNi Digital Levels equipped with invar leveling staffs giving us the ability for project vertical control establishment surveys in accordance with 1st, 2nd or 3rd order surveys accuracies.

Trimble S6 GPS

Survey continued >

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Survey

Survey - GENERAL INFORMATION

CADD files produced can be in either AutoCAD or Microstation. Digital terrain models are generated using Inroads in Microstation. Text files can be in any format requested (Word, Excel) for use in other applications. Any image generated can be converted to Adobe format for distribution in the Internet. Combining Topographic and hydrographic capabilities, breakwaters and levees can be surveyed with cross-sections generated at any location.

All field and office personnel are highly trained on the field operation of all of our survey equipment, so they are able to maximize productivity by taking advantage of the latest technology. In other words, this gives us the ability to more with less. Our survey equipment is all standardized between the 3 survey crews, and we have SOP's that are followed to allow for no loss in field productivity when sharing personnel between survey crews or working together on the same project.

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Real Estate

Real Estate personnel are responsible for providing policy guidance, coordination, and execution of real estate products and services. Our real estate experts perform an integral and vital role by acquiring and managing real property interests for all our projects. This support encompasses a variety of traditional real estate functions, such as management of federal lands under Corps jurisdiction, as well as involvement with non-federal sponsors in local cooperation projects. Our IIS functions may include support to such agencies as Environmental Protection Agency (EPA), Department of Energy (DOE), Department of Homeland Security (DHS), Veterans Administration (VA), General Services Administration (GSA), or other agencies within the Department of Defense (DOD) as well as other Federal agencies requiring real estate support within the United States. This support involves real estate services in the general categories of real property planning, technical areas of appraisal, acquisition, relocations, real property accountability, management, and disposal.

Aspects of acquisition include:

- Right of Way Program Oversight & Review
- Land Acquisition Services
- Real Property Appraisals
- Utility/Facility Relocation
- Relocation Assistance

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The Buffalo District IIS Blueprint

Facilities and Infrastructure

Facility Management Capabilities

- Comprehensive Project Management
- Master Planning
- Real Estate Procurement
- Environmental Assessment
- Sustainable Implementation
- Design
- Design-Build
- New Construction
- Maintenance, Repair, and Alterations
- Demolition
- Safety Management
- Contract Acquisition and Administration

IIS Clients Non-DOD federal agencies

- State and local governments
- Tribal communities
- Foreign governments
- International organizations
- U.S. businesses

Buffalo District's IIS Clients

- U.S Customs & Border Patrol
- U.S. Immigrations & Customs Enforcement
- Defense Logistics Agency
- U.S Army Reserve
- Department of Veterans Affairs
- U.S. Environmental Protection Agency
- U.S. Department of Energy

Interagency and International Services

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Environmental Remediation

Environmental Remediation

The Corps of Engineers Buffalo District provides full-scale environmental services to partners across the United States and abroad. With an experienced staff of registered professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities

- Environmental Impact Assessments
- Historic preservation, Historic document search and analysis
- Stormwater Management
- Investigation and cleanup of chemical and radioactive contamination
- Community outreach, public participation, and media relations
- Human health and ecological risk assessments
- Radioactive materials handling, shipping, and disposal
- Occupational safety and health assessments, compliance, and program support
- Geospatial data and imagery research and analysis
- Environmental records and data management
- Environmental Permitting Detailed Services and Expertise

Environmental Remediation continued >

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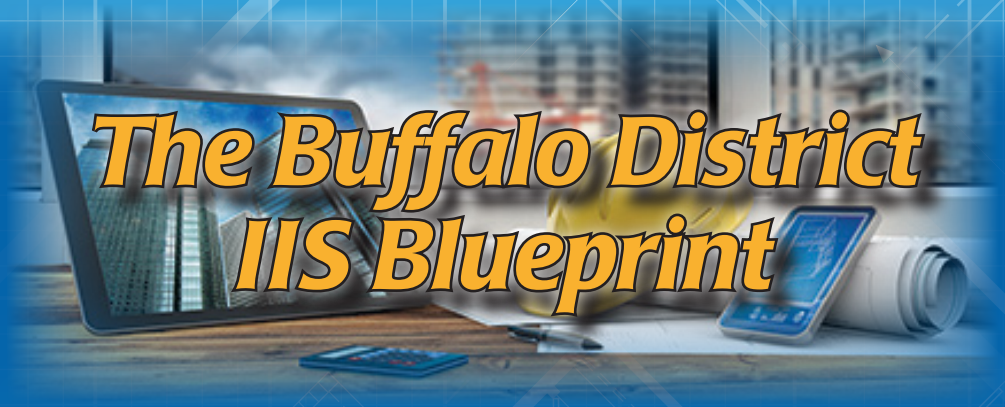

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Environmental Remediation

Capabilities continued

- Remedial Investigations
- Feasibility Studies
- Remedial Design
- Remedial Actions
- Vapor Intrusion and Radon
- Human and Ecological Risk Assessment
- Groundwater Modeling
- Wetlands Delineation
- Water Quality/Watershed Management
- Environmental Assessments
- Military Munitions and Munitions Constituents
- Green and Sustainable Remediation
- Asbestos, Lead-based Paint, and Mold
- Geophysical Surveys
- Hazardous Waste Management
- Landfills
- USTs
- Contaminated Sediments
- Biological Studies
- Clean Water Act/Clean Air Act
- Endangered Species
- Air Emissions and Monitoring
- Demolition
- Pilot Studies/eTatability Testing
- Environmental Compliance/Permitting
- Portable/Temporary Treatment Systems
- Multi-Agency Radiation Survey and Site Investigation
- Manual (MARSSIM) Sampling
- Residual Radiation (ResRad) Computer Codes
- Long-term Monitoring and Optimization
- GIS/Data Managements/Visualization
- Contract Acquisition
- Five Year Reviews
- QA Field Oversight
- Data Quality Validating
- Historical Aerial Analysis

Interagency and International Services

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The Buffalo District IIS Blueprint

Dive Team

The Buffalo District Dive Team has done over 60 dives across the United States in support of other U.S. Army Corps of Engineers missions and to support other agencies. The Buffalo District's Dive Team has also done five international dives in Japan, Italy, and South Korea. These dive efforts included underwater bridge and dam inspections, debris removal, waterfront structure inspections, storm damage inspections, underwater pier inspections, pump intake repairs, benthic assessments, underwater repairs to structures, ship location, aquatic plant removal, training dives, and more.

Our Buffalo District Dive Team has members with diverse backgrounds and skills. The team includes engineers, biologists, and archeologists, just to name a few. The diversity of the team not only makes them more efficient, but it also lets our partners rest assured that the set of eyes in the water is the best and most relevant set of eyes for the job. If it is a structural dive, then the team of underwater engineers will dive. If it is a habitat-related dive, then a biologist will be in the water. Our diversity is what sets us apart from the rest.

We look forward to discussing how the Buffalo District Dive Team can assist you and your organization.

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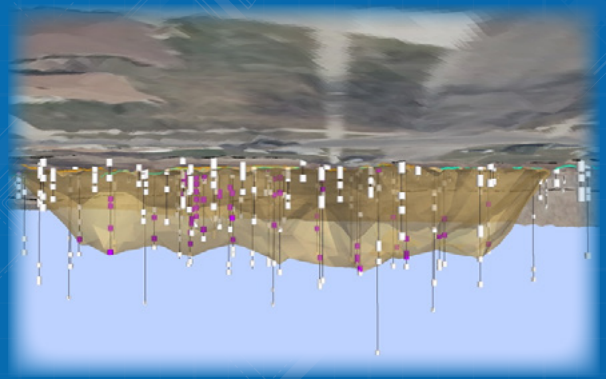
The Buffalo District IIS Blueprint

Geospatial Support

Through its IIS program, the Buffalo District can offer a wide variety of GIS solutions to help make “SMART” decisions. With a number of highly skilled GIS professionals with diverse backgrounds, the Buffalo District GIS Team can provide solutions to topics related to water resources, ecology, environmental remediation, facility planning, community planning, and more.

Below is just a small sample of the Buffalo District’s GIS capabilities:

- Environmental Data Management Solutions (analytical, lithological, and sampling information)
- Geodatabase design, implementation and management (personal, file, and enterprize solutions)
- Ecological analysis such as corridor analysis
- Site selection, Viewshed, Line of Sight, and Hotspot Analysis
- Mobile data acquisition and analysis
- Creation of web-based mapping and data management applications (Flex, Javascript API and ASP.Net)
- 3-D Modeling (Volumetric modeling and 3-D representations)
- Use the latest technology in remote sensing for performing aerial, hydrographic, and topographic surveys
- Photogrammetric mapping and generation of digital terrain models, topographic contours, and cross-sections
- Cartographic mapping and related products



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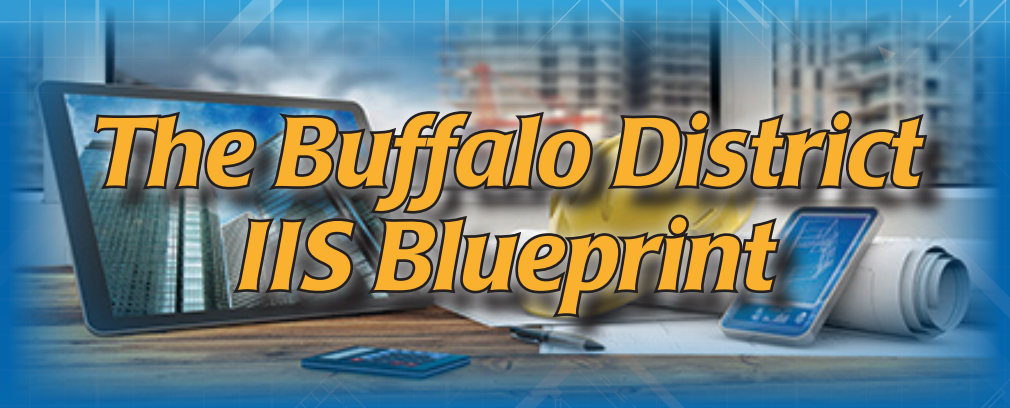

CSRA

BACKGROUND

Accurately estimating the cost and schedule for projects is complicated by the significant uncertainties inherent to known and unknown risks when planning a project from design through completion of construction. Attempting to address these uncertainties by applying a pre-determined contingency percentage can either underestimate project specific risks or inflate project estimates to a point where defensibility is compromised. The Cost and Schedule Risk Analysis (CSRA) process allows the U.S. Army Corps of Engineers (USACE), Buffalo District to identify, analyze, and account for project specific risks in project cost and schedule estimates.

CSRA PROCESS

- The CSRA process assesses the likelihood and impact of a wide range of potential project risks and uses statistical analysis to model and apply risk-based contingencies to project cost and schedule estimates. The result is a range of project costs representing different confidence levels. When considerable uncertainties are identified, cost risk analysis can establish the areas of high cost uncertainty and the probability that the estimated project cost will or will not be exceeded. This gives the management team an effective additional tool to assist in the decision making process associated with project planning and design.
- ***Inputs:*** A baseline estimate of cost and duration is prepared by the USACE project team, using the most current site specific information. The multidisciplinary project team then develops the project risk register, identifying known and suspected risks across several risk categories. The team completes the risk register by qualitatively evaluating the likelihood and impact of each of each risk on cost and schedule.
- ***Statistical Model:*** The baseline cost and schedule estimates, along with the risk register, are used as inputs to the statistical model. The risk analyst uses these inputs and a statistical software package, Crystal Ball®, to quantify the potential project impacts of each of the identified risks. The output from the CSRA is a range of estimated project costs and durations, each corresponding to a percent confidence level. The CSRA also identifies the project risks that contribute the most to the overall project contingency, allowing for proactive risk management.

CSRA PROCESS continued >

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CSRA

CSRA PROCESS continued

- Annual Updates: To fully realize its benefits, the CSRA should be considered an ongoing process conducted concurrent to, and iteratively with, other important project processes. The CSRA should be updated as the project progresses to account for changes in project conditions over time. The baseline cost estimate, schedule, and risk register are revised with the most current information, and the CSRA is repeated with these revised inputs. As site knowledge increases and project risks are managed, the range of cost and schedule uncertainty progressively decreases.

BENEFITS OF CSRA

- For the USACE, Buffalo District, the CSRA has proven a valuable tool in estimating cost and schedule for projects. It has been adopted as a primary tool to support planning and budgeting for Programs within the USACE Great Lakes and Ohio River Division. By quantifying the potential impacts from project risks, the CSRA provides a defensible process to inform development of cost and schedule contingency. Proactive use of the CSRA process allows project and program leadership to identify and effectively manage those risks with the greatest potential to impact project cost and schedule.

After categorizing project risks in regard to likelihood of occurrence and impact, a risk matrix was used to prioritize individual risks for inclusion in quantitative analysis. This analysis feeds into the CSRA process providing the defensibility to develop contingencies in project cost and schedule.

RISK MATRIX

Risk Level

Likelihood of Occurance	Negligible	Marginal	Significant	Critical	Crisis
Very Likely	Low	Moderate	High	High	High
Likely	Low	Moderate	High	High	High
Very Unlikely	Low	Low	Moderate	Moderate	High
Unlikely	Low	Low	High	High	High

Impact or Consequence of Occurance

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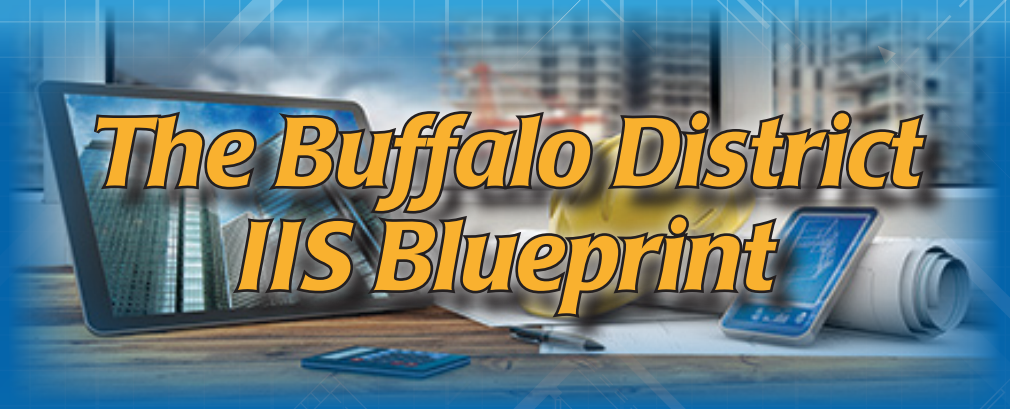

Water Resources Management and H & H

Through its IIS program, the Buffalo District is very excited to share with you it's capabilities in the areas of hydraulics & hydrology engineering. For many years the Buffalo District's H&H Team has been showcasing its expertise with aspects associated with the following activities:

- Environmental Restoration Studies
- Flood Plain Management Studies
- Flood Control Studies
- Sediment Transport Modeling
- Interior Drainage Analysis
- Reservoir Analysis
- Watershed and Stream Modeling
- Assist in the Inspection of Completed Projects
- Evaluate Current Conditions of Completed Projects
- Monitor Weather and Stream Conditions
- Flood Fights and Technical Advice
- Cooperative Stream Gaging Program
- Dam Safety

One of the cornerstones of the work we do as the Corps of Engineers is based on our ability to do quality hydraulic and hydrological engineering. Our H&H Team has been relied on to establish baseline conditions of the waters of the U.S. and predict the effects of all kinds of projects. As an organization, we make it a priority to be the leaders in the area of hydraulic and hydrological engineering, and through our IIS program, we would like to offer these elite H&H services to entities that are in need of support.

Contact the IIS Program

Phone: 716-879-4446 • Fax: 716-879-4194

Email: buffalo-iis@usace.army.mil
or
Click here to print our IIS E-Business Card!

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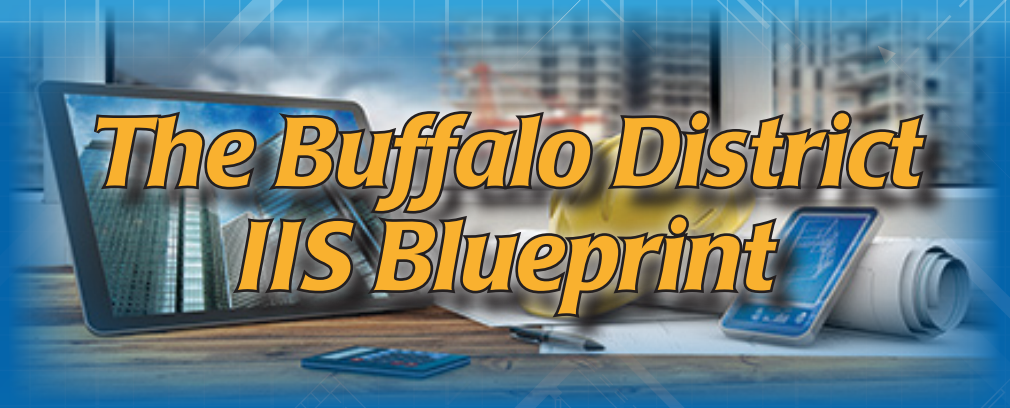

Environmental
Compl. & Anal.

ENVIRONMENTAL ANALYSIS CAPABILITY

Mission: Responsible for environmental compliance aspects during the planning, design, construction, and operational phases of projects, including public and inter-agency environmental coordination and outreach. Conducts or oversees design of ecosystem restoration projects. Provides environmental engineering and environmental health support to applicable projects. Collects and analyzes appropriate environmental data to be used in the preparation of all required documentation for compliance with all federal, state, and local environmental regulations.

Summary of Capabilities:

- National Environmental Policy Act (NEPA) compliance
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) compliance
- Endangered Species Act compliance (e.g., Indiana bat, NLE bat)
- Clean Water Act compliance (i.e., Sections 401, 402 & 404)
- Development of field sampling plans for sediment analysis and fish & wildlife habitat evaluations
- Evaluation and treatment of aquatic invasive species
- Evaluation & design of aquatic ecosystem restoration projects (e.g., dam removal, fish passage, wetland creation/ restoration, riparian corridor restoration)
- HTRW Investigations
- Environmental Risk Assessments
- Geotechnical Investigations Application of Geographic Information Systems (GIS) to environmental resources analysis

Interagency and International Services

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Sediment/Nutrient Transport

IIS Sediment and Nutrient Management Services

Under the United States Army Corps of Engineers Great Lakes Sediment Transport Modeling Program (GLSTM) (516e), the Buffalo District has been developing sediment transport models and performing watershed assessments for a number of years. These services have been used to assist state and local agencies with the planning and implementation of measures for soil conservation and nonpoint source pollution prevention. Models can be developed at all tributaries to the Great Lakes that discharge into a federal navigation channel or an Area of Concern (AOC's). The ultimate goal of the GLSTM Program is to enhance Great Lakes water quality, help delist Great Lakes AOC's and reduce the need for navigation dredging.

The program has been a great success for the Corps of Engineers. We have worked with thousands of people all over the Great Lakes Basin and have helped answer a lot of questions in regards to sediment and nutrient transport. Our team here at the Buffalo District has a wealth of experience and a great deal of time spent researching the Great Lakes sediment and nutrient issues. That is why we are excited to share our new IIS service for aspects associated with sediment and nutrient transport. We now have the ability to take our already successful GLSTM program that provides services for assessing, diagnosing, and modeling watersheds, and expand to the next levels to help solve sediment and nutrient management issues. Our team at the Buffalo District has the ability to design and construct solutions to sediment and nutrient management.

The GLSTM program is 100% federally funded, so we can assess, diagnose, and model any qualifying tributary. We welcome any federal, state, or local agency that is interested in sediment and nutrient management to take advantage of this service. Once we have the watershed assessed, through our IIS program, we now have a means to design and construct sediment and nutrient management solution!

Buffalo Districts IIS Sediment and Nutrient Services include:

- Comprehensive Project Management
- Master Planning
- Design
- Construction
- Contract Acquisition and Administration

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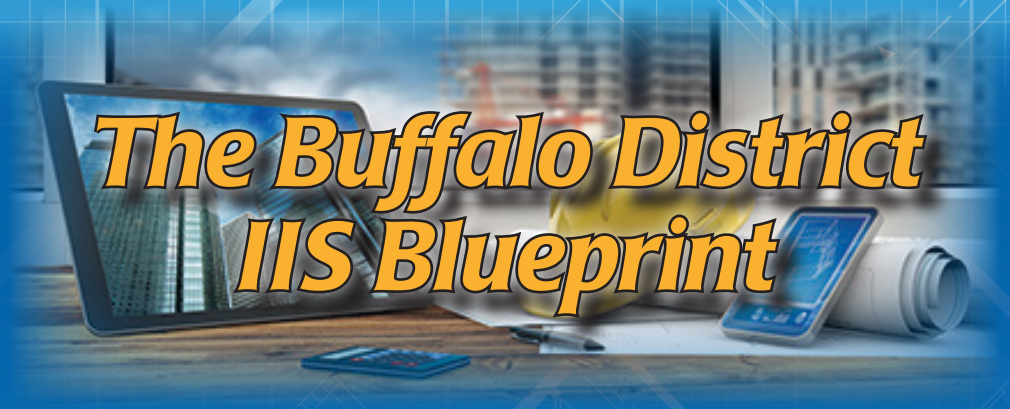

Economic

Through its IIS program, the Buffalo District can offer a wide variety of economic analysis solutions to help make “SMART” decisions. With a number of highly skilled economists with diverse backgrounds, the Buffalo District Economics Team can provide solutions to topics related to water resources, ecology, environmental remediation, facility planning, community planning, and much more.

Buffalo District Economics Team Activities and Expertise:

- Flood Risk Management damage & economic impacts
- Rate studies
- Great Lakes commercial navigation statistics
- Transportation impact analysis
- Flood Impact Analysis & population consequences
- Regional economic benefit analysis
- Commodity research reports & forecasting
- National economic benefit analysis
- Planning Assistance to States
- Specific project economic benefit analysis
- Dredging analysis

Overall Economic Services:

- Research topics
- Cost benefit analysis
- Statistical analysis
- Financial analysis
- Forecasting
- Report development

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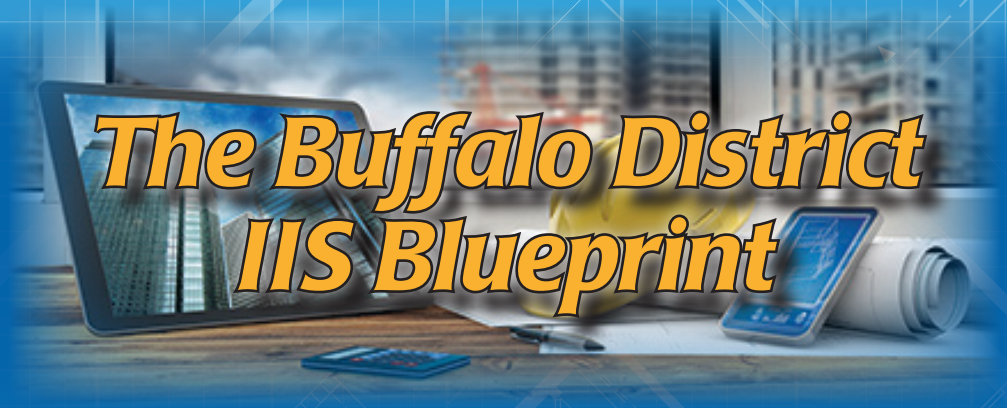

Technical Writing

Through its IIS program, the Buffalo District is now offering technical writing and editing solutions. As a federal agency, we know that virtually every document we produce is for the public to read. As a result, we need to make sure those documents are clear. In fact, there is an actual Public Law (111-274) requires that every agency of the federal government "use plain writing" in any document that communicates information to the public. To that end, the technical writer can take engineer-speak and translate it into language the public can easily understand. This involves shortening sentences by eliminating unnecessary words, finding more common synonyms, activating passive sentences, eliminating redundant language, and more.

The Buffalo District technical writing services are available not only for other USACE districts, but for any federal agency that wants to produce documents that are clean, clear, and concise.

Interesting Fact - Engineers tend to write at the 35th reading grade level, which is much higher than the average person's reading level in the United States. The technical writer can apply some tricks of the trade to reduce the reading grade level of your writing to a more manageable level for the public—without making the document sound like it has been "dumbed down.

Aspects that the Buffalo District technical writer can review and edit include:

- Punctuation
- Wordiness
- Organization
- Consistency
- Grammar
- Pronouns
- Active Voice
- Acronym/Abbreviations
- Letter/Memo Format
- Proofreading
- Reading Grade Level
- On-Call Sounding Board

When providing services for other USACE districts, the Buffalo District technical writer will ensure that USACE-produced reports meet not just the substantive and format requirements of other agencies, but the U.S. Army style criteria. The technical writer uses a regulations of the U.S. Army, other federal agencies, and a variety of style guides (AP, Gregg) to ensure the text of all our documents is consistent.

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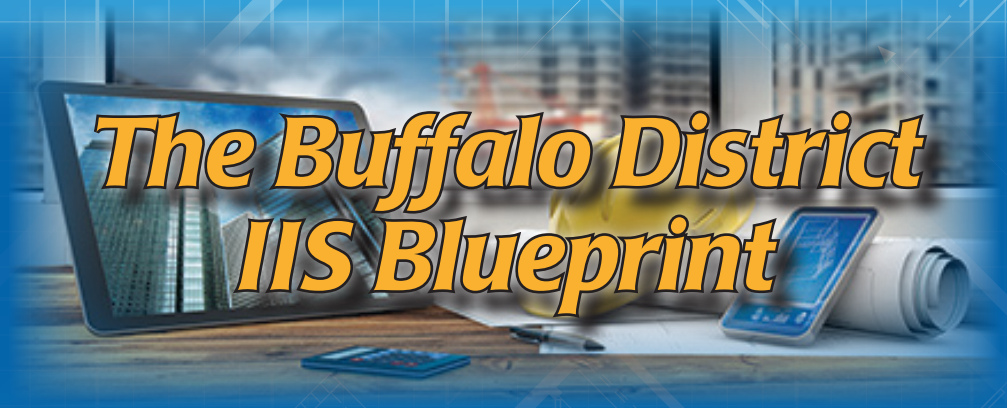

Master Planning

Overview

The Corps of Engineers Buffalo District provides full-scale master planning services to partners across the United States and abroad. With an experienced staff of certified professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities/Background

- Long Range Analysis
- Environmental Quality and Natural/Cultural Resources Baseline Analysis
- Land Use Analysis and Plan
- Utilities Assessment
- Transportation Assessment
- Assessment of Environmental Effects

Contact the IIS Program

Phone: 716-879-4446 • Fax: 716-879-4194

Email: buffalo-iis@usace.army.mil
or
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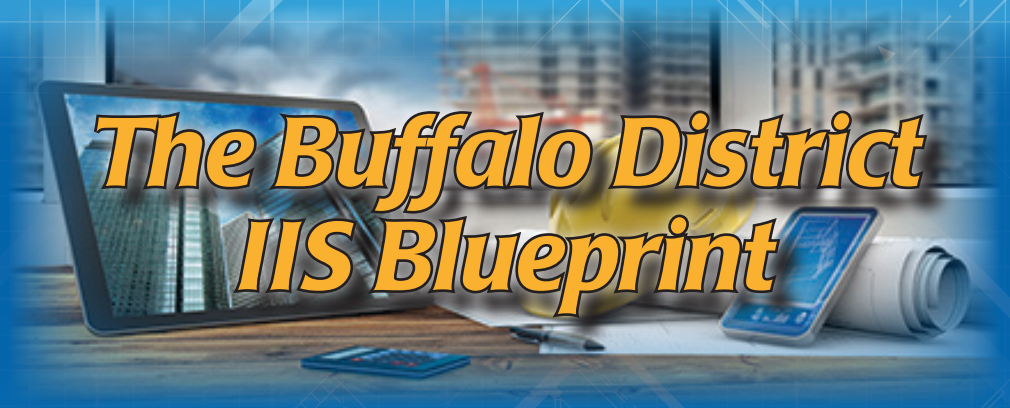

Operations and Maintenance

Overview

The Corps of Engineers Buffalo District provides full-scale Operations and Maintenance services to partners across the United States and abroad. With an experienced staff of certified professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities

- Operate and Maintain Great Lakes Navigation System
- Operate and Maintain Mount Morris Dam and Recreation Center
- Manage Inspection of Completed Works Program for Flood Risk Management Projects
- Execute work in accordance with USACE Safety and Health Requirements, Project Management Business Process and Environmental Operating Principles.
- 70 Engineers, Scientists, Technicians, Skilled Trade and Administrative Professionals
- 2 Project Offices (Mount Morris Dam and Black Rock Lock)
- 2 Field Offices (Cleveland and Toledo, Ohio)
- Topographic Survey Capability
- The LRB fleet consists of: The Derrickboat McCauley (barge with permanently mounted crane), the Tug Cheraw (seagoing tugboat), the Motor Vessel Mike Donlon (shallow draft tugboat), four deck barges for transport of construction materials, and the Launch Palmetto (carried aboard the McCauley)
- 3 fully equipped survey crews, and 5 survey vessels that includes two multi beam survey vessels, and three single beam survey vessels
- Manage Great Lakes navigation infrastructure as a system
- Implement asset management principles for maintaining navigation infrastructure
- Develop innovative approaches to solve the dredged material management issues at Great Lakes Harbors

Interagency and International Services

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Procurement & Contracting

Overview

The Corps of Engineers Buffalo District provides full-scale procurement and contracting services to partners across the United States and abroad. With an experienced staff of certified professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities/Background

Coming Soon!

Contact the IIS Program

Phone: 716-879-4446 • Fax: 716-879-4194

Email: buffalo-iis@usace.army.mil
or
Click here to print our IIS E-Business Card!

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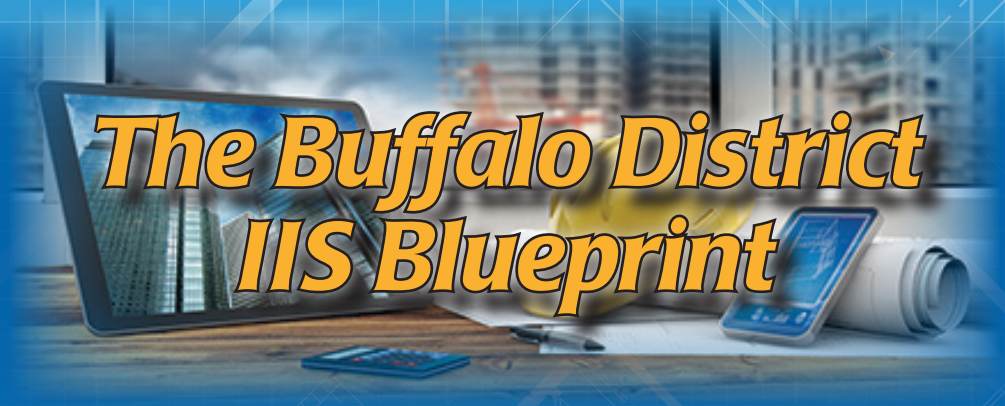

The Buffalo District IIS Blueprint

Cost Engineering and Estimating

Overview

The Corps of Engineers Buffalo District provides full-scale cost engineering and estimating services to partners across the United States and abroad. With an experienced staff of certified professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities/Background

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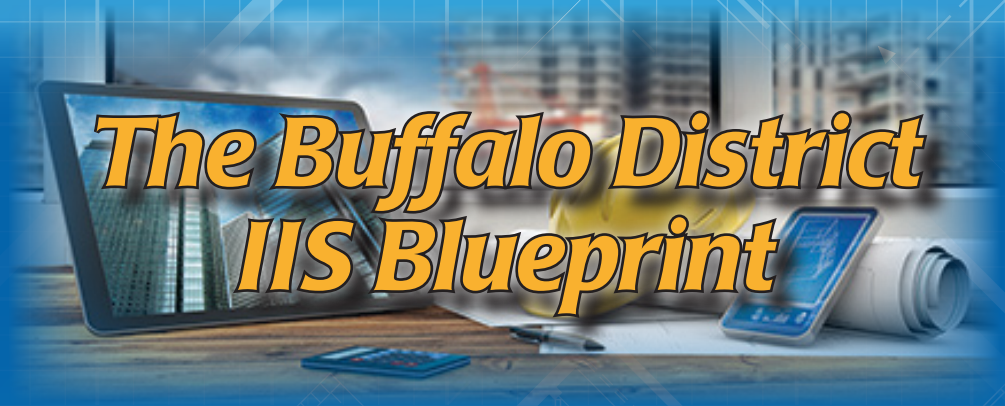

The Buffalo District IIS Blueprint

Dredging and River Restoration/Remediation Services

Overview

The Corps of Engineers Buffalo District provides full-scale dredging and river restoration and remediation services to partners across the United States and abroad. With an experienced staff of registered professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities/Background

Coming Soon!

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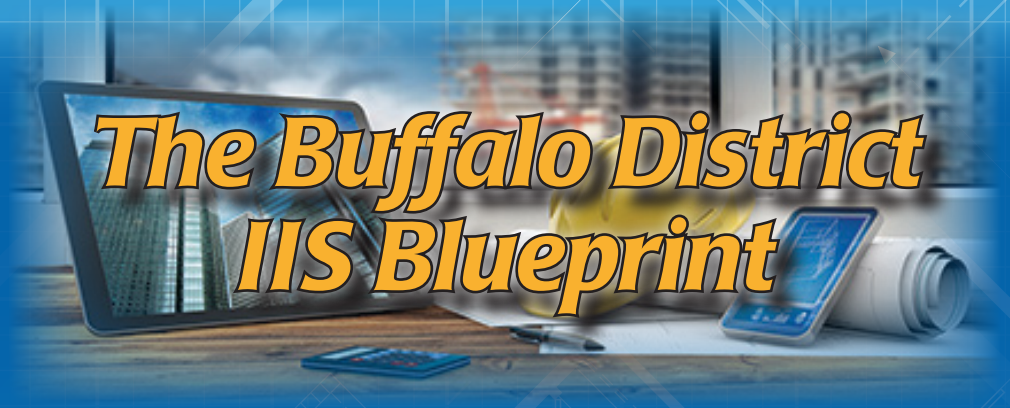

Environmental Restoration

Overview

The Corps of Engineers Buffalo District provides full-scale environmental restoration services to partners across the United States and abroad. With an experienced staff of certified professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities

- Planning of Ecological Restoration
- Conceptual Ecological Design
- Plans and Specs Development
- Stream, Wetland, Riverine Restoration
- Invasive Species Treatment/Control
- Monitoring and Adaptive Management Planning
- Dam Removal

Detailed Services and Expertise

- Environmental Impact Assessments
- Historic preservation, Historic document search and analysis
- Community outreach, public participation, and media relations
- Occupational safety and health assessments, compliance, and program support
- Geospatial data and imagery research and analysis
- Environmental records and data management
- Environmental Permitting

Contact the IIS Program

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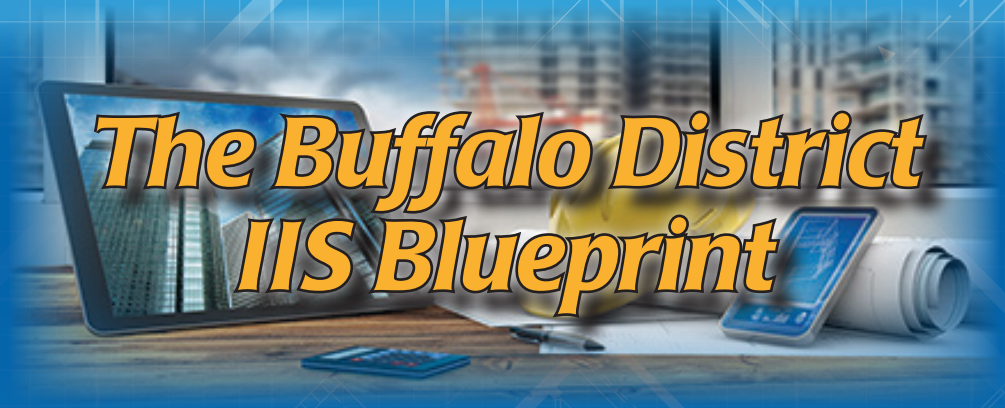

The Buffalo District IIS Blueprint

Construction Operations/ Management/Oversight

Overview

The Corps of Engineers Buffalo District provides full-scale construction operations, management, and oversight services to partners across the United States and abroad. With an experienced staff of registered professionals, the group is qualified to perform services in-house as well as expeditiously award contracts to support your agency's mission.

Capabilities/Background

Coming Soon!

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Additional Services

Interagency and International Services (IIS) is the U.S. Army Corps of Engineers (USACE) program providing technical assistance to non-Department of Defense (DOD) federal agencies, state and local governments, tribal nations, private U.S. firms, international organizations, and foreign governments. Most IIS work is funded on a reimbursable basis. The Corps of Engineers provides engineering and construction services, environmental restoration and management services, research and development assistance, management of water and land related natural resources, relief and recovery work, and other management and technical services.

The flexibility of the IIS program allows USACE to be able to assist partners with a large variety of missions. Buffalo District's typical IIS work is related to Facilities, Environmental Services, Dive Team, and Geographical Information Systems, but USACE can provide assistance in any areas where our project management, engineering, environmental, and other technical skills can be utilized.

For more information and to discuss how Buffalo District can be of assistance with your organizations goals, please contact the IIS Program.

Contact the IIS Program

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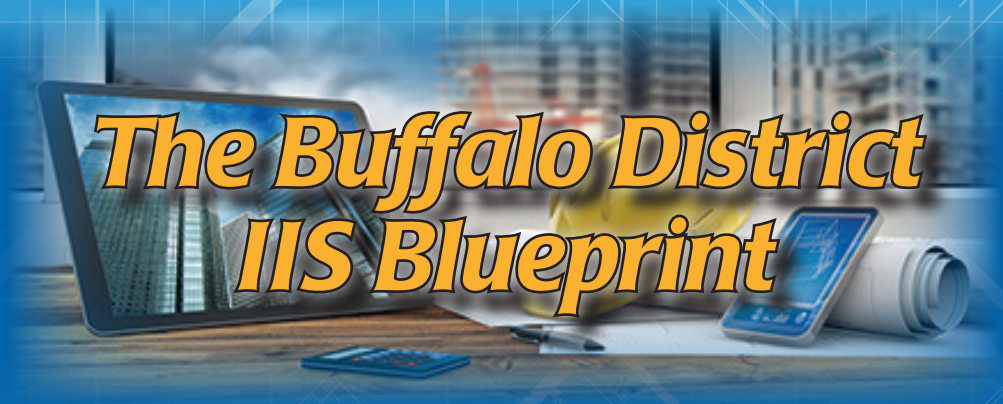

The Buffalo District IIS Blueprint

What type of organization are you?

(Pick one and click)

Are you a Federal Agency?

Are you part of a state, local, territorial, and tribal government?

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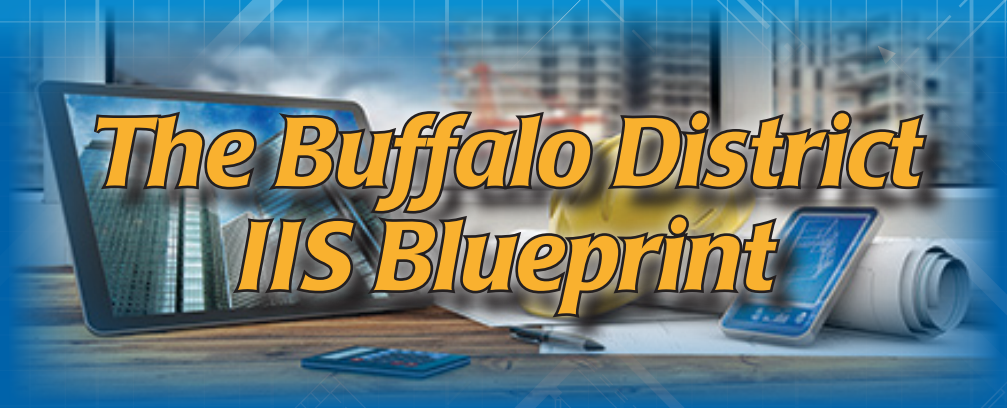

The Buffalo District IIS Blueprint

You are a Federal Agency

Since you are a Federal Agency, the authority that has to be utilized for the Buffalo District to provide IIS services is: Economy Act of 1932, as amended (31 USC 1535)

IMPORTANT QUESTION:

Does your Agency already have an existing Memoranda of Understanding/Agreement (MOU/MOA)? Check this link to find out: http://www.usace.army.mil/Missions/Military-Missions/Interagency-International-Support/Agreements/

If not, here is the process to create a MOU/MOA with the Corps of Engineers: https://cops.usace.army.mil/sites/IIS/pages/ModelAgreements.aspx

USACE would be happy to take the lead in preparing and completing the forms and walking the potential customer through the process.

Through the Economy Act the requesting Federal Agency is required to provide 100% of the total project cost.

The Economy Act authorizes an agency to place orders for goods and services with another government agency when the head of the ordering agency determines that it is in the best interest of the government and decides ordered goods or services cannot be provided as conveniently or cheaply by contract with commercial enterprise

For more information on the Economy Act, please contact the Buffalo District IIS Program Coordinator Brent LaSpada at

Phone: 716-879-4446 or brent.r.laspada@usace.army.mil

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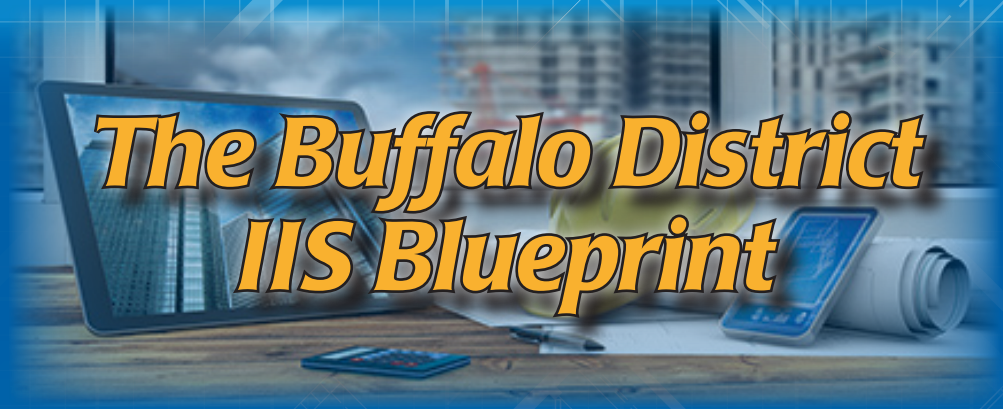

The Buffalo District IIS Blueprint

You are part of a state, local, territorial, and tribal government

Since you are a State, Local, Territorial, or Tribal Government, the authority that has to be utilized for the Buffalo District to provide Iis services is:

Chief 's Economy Act [10 USC 3036(d)] – Federal agencies; state, local, territorial, and tribal governments

IMPORTANT QUESTION:

Does your Agency already have an existing Memoranda of Understanding/Agreement (MOU/MOA)? Check this link to find out: http://www.usace.army.mil/Missions/Military-Missions/Interagency-International-Support/Agreements/

If not, here is the process to create a MOU/MOA with the Corps of Engineers: https://cops.usace.army.mil/sites/IIS/pages/ModelAgreements.aspx

USACE would be happy to take the lead in preparing and completing the forms and walking the potential customer through the process.

Under this authority, the entity requesting Interagency and International Services from the USACE have to find a Federal partner other than the USACE to support their effort. In this scenario, the requesting entity can provide up to a maximum of 10% of the total project cost, while the partnering federal agency has to provide a minimum of 90% of the total project cost.

For more information on the Economy Act, please contact the Buffalo District IIS Program Coordinator Brent LaSpada at

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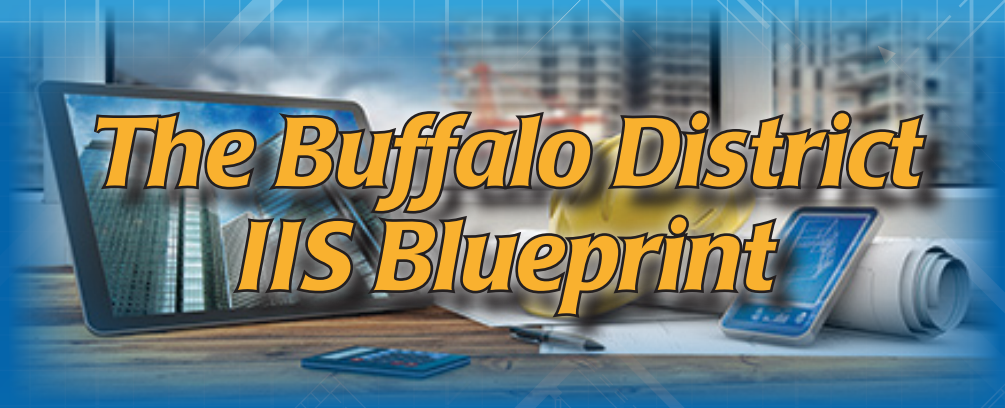

Requesting a Meeting with the Buffalo District IIS Team

- Now that you have an understanding of the services the Buffalo District offers and the authorities that we utilize to provide them, the next step is to discuss how exactly we can help. This can be done face to face or by teleconference. We look forward to hearing form you and your organization!

To request a meeting or to discuss further the IIS Services that are offered through the Buffalo District, please contact the Buffalo District IIS Program Coordinator Brent LaSpada at

716-879-4446 or brent.r.laspada@usace.army.mil

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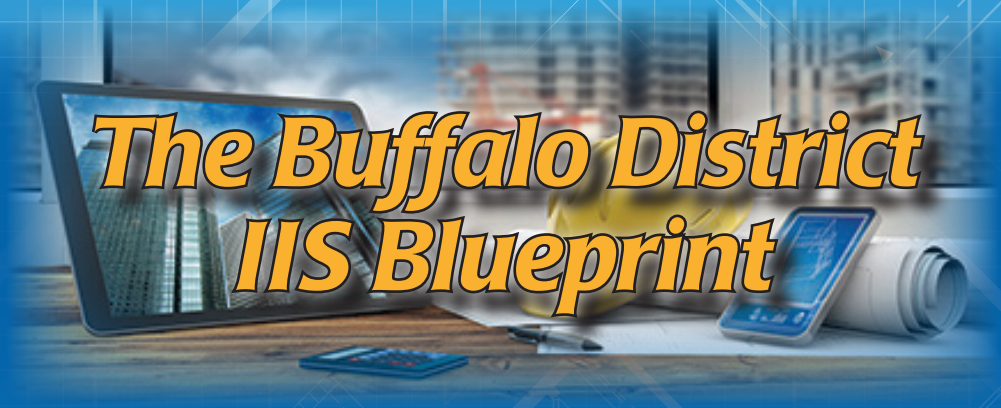

The Buffalo District IIS Blueprint

Developing a Scope of Work

- After meeting to discuss the option in which the Buffalo District IIS Team can help support your organization, the next step is for the development of a scope of work
- The scope of work will detail all the tasks that will be needed to accomplish the goal of the project and the costs associated with them
- If the requesting entity and the Buffalo District IIS Team come to an agreement on the details of the project then the next step is project acceptance for both parties

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Project Acceptance for both the Local, State, or Federal Partner and USACE

- The first step in project acceptance is to process the request through written agreement with the details worked out in the agreed upon scope of work

  *USACE would be happy to take the lead in preparing and completing the forms and walking the potential customer through the process

- The USACE has a brief process when we accept any new work
- Both organizations officially sign agreement
- Funds are transferred from requesting entity to the Buffalo District IIS Team
- Next step is Project Initiation!

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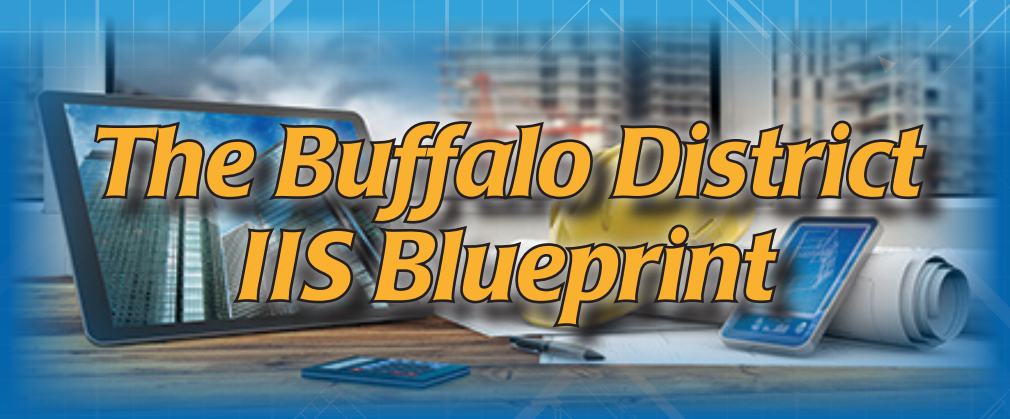

The Buffalo District IIS Blueprint

Project Initiation

- Once the reimbursable funds become available to the Buffalo District IIS Team, the project will be kicked off with the PDT and the requesting entity
- Whether the IIS services are performed within the Buffalo District or contracted out to the private sector, the requesting entity will have a Program/Project Manger on the Buffalo District IIS Team to track and communicate progress
- The Real Work Begins!
- The next step is our project process with excellent customer service.

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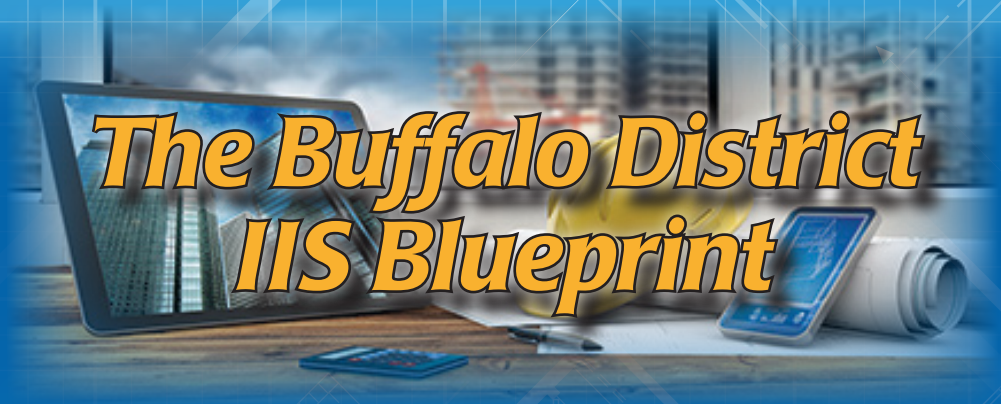

The Buffalo District IIS Blueprint

Commitment to Excellent Customer Service

- As the project progresses, the Buffalo District IIS Team will provide regular updates and information with project execution and monitoring through collaborative partnership with local, state, or federal partner
- Throughout the life-cycle of the project, we value the opinions on the work we are doing, so on our Buffalo District IIS Webpage, we offer a chance for our partners to check in and comment on the services we provide
- With our capabilities to provide innovative engineering and environmental solutions, our Buffalo District IIS Team can handle any challenges that might arise during the project

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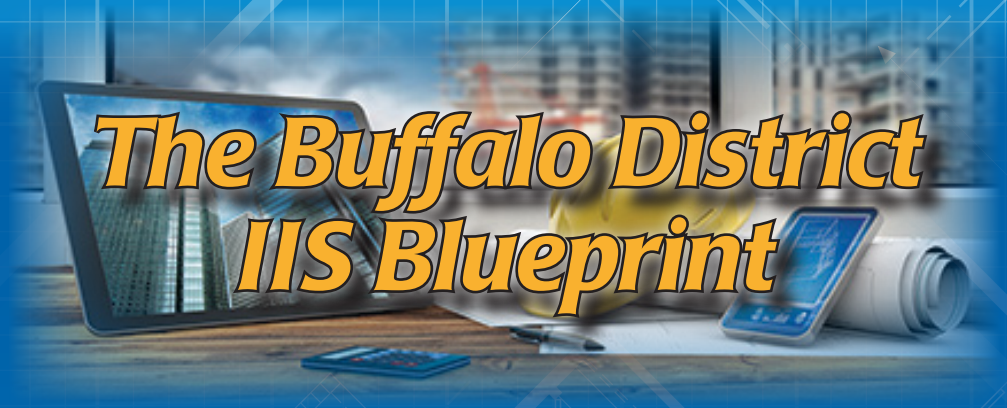

The Buffalo District IIS Blueprint

Project Closeout and Success

- The project closes out when we have met the completion of all the tasks that were agreed upon in the scope of work and agreements
- The project was a success, and we value the trust that you instilled in our Buffalo District IIS Team to help support your missions.
- If feel as if our IIS Team can assist you in any way, please don't hesitate to contact us!
- We invite you to continue along the IIS Blueprint to see some examples of the work we have done and what else we can do for you

Customer Reviews

What Else Can We Do For You?

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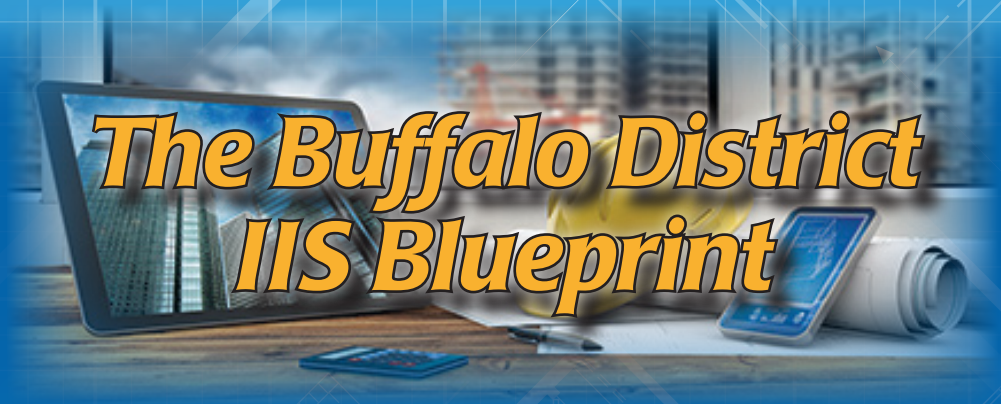

The Buffalo District IIS Blueprint

Who we work with

Customer Reviews >

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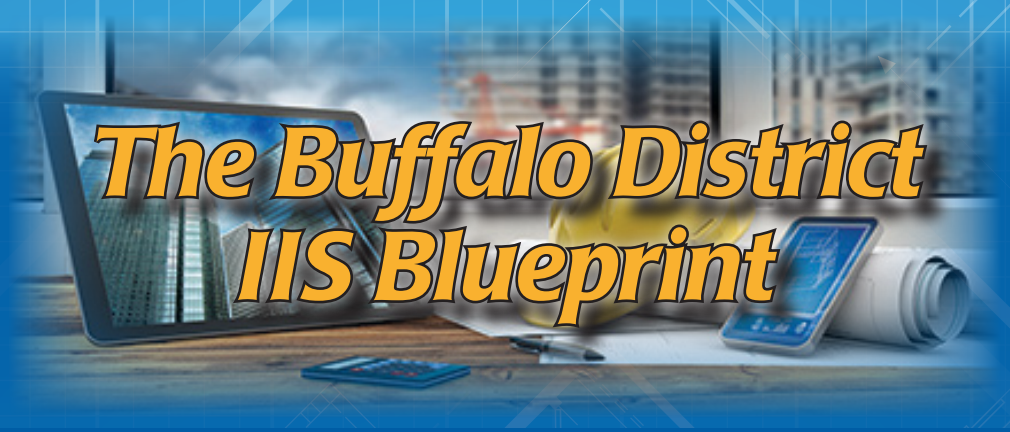

Customer Reviews

Dive Team

- "Working with your members was a great experience and I don't know if we will ever be able to express enough thanks for the time and extremely valuable training provided." ~Justin Proulx, USACE Detroit District

Ford Road Landfill

- I have worked with the USACE Buffalo District staff throughout that entire time and have learned to use them as my "gold standard". Not only do they supply the needed support for projects, they exemplify what the highest rated products should look like. I wouldn't hesitate to refer them to anyone else looking to use the Buffalo District staff on a project. ~Demaree Collier, US EPA

Customs & Border Protection Station

- "This idea of jointness has morphed from a best practice to a necessity. In a time of fiscal constraint and austerity, this is the way to go." ~Randy Gallegos, Chief of Border Patrol Detroit Sector

Facilities Program Management for U.S. Immigrations & Customs Enforcement

- "USACE is providing great services and ICE will continue to partner and perform construction throughout the nation and territories. ~Program Director, Owned Facilities, US Immigration and Customs Enforcement"