



COUNTY OF ERIE

MARK C. POLONCARZ

COUNTY EXECUTIVE

May 8, 2026

Erie County Legislature
92 Franklin Street, 4th Floor
Buffalo, New York 14202

RE: Environmental Research Institutes Inc. (ESRI) Enterprise GIS System Upgrade and Restructuring

Dear Honorable Members:

We are forwarding for your approval a proposed resolution authorizing the County of Erie to allocate monies for ESRI services proposal. This proposed contract is a result of the previous evaluation of the County's existing geographic information system's hardware and software architecture.

Should your Honorable Body require further information, I encourage you to contact Commissioner William E. Geary, Jr., at the Department of Public Works. Thank you for your consideration on this matter.

Sincerely yours,

Mark C. Poloncarz
Erie County Executive

MCP/jtd
Enclosure

cc: William E. Geary, Jr., Commissioner of the Department of Public Works

MEMORANDUM

To: Honorable Members of the Erie County Legislature
From: Department of Public Works/Division of Highways
Re: Environmental Systems Research Institute Inc. (ESRI) Enterprise GIS System
Upgrade and Restructuring
Date: May 8, 2026

SUMMARY

The Public Works Department in 2025 had a technical evaluation of the County's GIS (geographic information system) system by Environmental Systems Research Institute Inc. (ESRI), the software product expert for the County's system. There have been operations issues, and the department needs an ESRI product expert to evaluate the existing architecture, to suggest improvements and software updates for successful operations.

The results of this evaluation indicate the software needs to be updated, components added and a restructuring of Public Works system including professional services aid from ESRI. These software items and restructuring services can be purchased from an existing New York State Contract, specifically the State of New York Centralized Contract No. PM67345/ESRI Contract Non 00044013.6.

FISCAL IMPLICATIONS

Funds for the software upgrade and the restructuring of the GIS system for Public Works from the NYS contract are anticipated to be \$150,000 for this year. These funds are available in SAP project B.25052 – 2025 IT & GIS Services, Fund 420, Fund Center 123 at \$112,065 and B.26055 – 2026 – IT & GIS Services Fund 420, Fund Center 122 at \$37,935 totaling \$150,000.

REASONS FOR RECOMMENDATION

These improvements in hardware and software and the restructuring of the system will provide for reliable and efficient use during emergencies and weather events. These improvements in the GIS system will also aid in the future environmental reporting required by highway departments in New York State ie; tracking the use of salt, sweeping roads etc.

BACKGROUND INFORMATION

The Public Works Department in 2025 had a technical evaluation of the County's system by ESRI, the software product expert for the County's system. Division of Highways not only uses GIS in its day-to-day operations but also during emergency operations. The current software setbacks that have affected continuity of service and outcomes need to be evaluated, updated, and corrected to eliminate system problems. As a part of the 2025 technical evaluation, it was determined the software needed to be updated and the system restructured to ensure a reliable system. Given impending environmental legislation the division of Highways will need to track the use of salt, sweeping of roads, and extensive mapping of the storm drainage system on the County's highways requiring highways to also plan for the future capacity of the GIS system.

CONSEQUENCES OF NEGATIVE ACTION

If the County does not incorporate the upgrades and changes it will affect daily operations and


continue to have failures during emergency situations, which is a serious problem.

STEPS FOLLOWING APPROVAL

The County Executive will execute a contract with ESRI for the software upgrades, and system restructuring. Erie County is using the State of New York Centralized contract No. PM67345/ESRI contract No. 00044013.6 to purchase these professional services and software.

COMPTROLLER'S OFFICE REVIEW

The proposed legislation has been reviewed by the Comptroller's Office and is related to an authorized capital project for which there are sufficient appropriations for the action proposed.

 4/22/26
Timothy C. Callan
Deputy Comptroller
Comptroller's Office

B.25052 – 2025 IT & GIS Services
B.26055 – 2026 IT & GIS Services

A RESOLUTION SUBMITTED BY:
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

RE: Environmental Systems Research Institute Inc. (ESRI) Enterprise GIS System Upgrade and Restructuring

WHEREAS, the Department of Public Works had Environmental Systems Research Institute Inc. (ESRI) perform a technical evaluation of their Geographic Information System (GIS) in 2025, with the permission of your honorable body in COMM 16E-30 (2025); and

WHEREAS, the results of this evaluation determined Public Works needs to update software, add components and restructure the system to ensure a reliable service during weather events, emergencies, daily operations and future requirements; and

WHEREAS, New York State Centralized Contract No. PM67345 has a contract with ESRI for the necessary technical services and software upgrades which Erie County as a local government agency can use to purchase these services; and

WHEREAS, these upgrades and services can be performed for an amount not to exceed \$150,000.

NOW, THEREFORE, BE IT

RESOLVED, that the Erie County Legislature hereby authorizes the County Executive or Deputy County Executive to execute a contract with ESRI using the New York State Centralized Contract in an amount not to exceed \$150,000; and be it further

RESOLVED, that sufficient funds for this contract are in project B.25052 – 2025 IT & GIS Services, Fund 420, Fund Center 123 in the amount of \$112,065 and B.26055 – 2026 – IT & GIS Services Fund 420, Fund Center 122 in the amount of \$37,935, thus totaling \$150,000 ; and be it further

RESOLVED, that authorization is hereby given for the Division of Budget and Management to make any technical adjustments necessary to effectuate this resolution; and be it further


RESOLVED, that the Clerk of the Legislature forward three (3) certified copies of this resolution to the Department of Public Works, Office of the Commissioner, and one copy each to the Office of the County Executive, the Division of Budget and Management, and the Office of the Comptroller.

TO: TIMOTHY C. CALLAN, COMPTROLLER'S OFFICE

PROPOSED RESOLUTIONS REQUIRING RULE 55

CONTRACT APPROVAL CHECKLIST
CONFIRMATION OF AVAILABILITY OF FUNDS IN CAPITAL PROJECTS

<u>REQUESTING DEPARTMENT</u>	<u>COMPLETE ITEMS 1 THROUGH 5</u>
1. CONTRACTOR'S NAME	<u>ESRI</u>
2. AMOUNT OF CONTRACT	<u>Not to exceed \$150,000</u>
3. PROJECT NUMBER	<u>B.25052 – 2025 IT & GIS Services</u> <u>B.26055 – 2026 IT & GIS Services</u>
4. PROJECT TITLE	<u>Enterprise GIS System Review</u>
5. DEPARTMENT CONTACT	<u>Funding questions: William E. Geary, Jr. at 7555</u> <u>Letter pickup: Christy Weber at 8301</u>

<u>COMPTROLLER'S OFFICE</u>	<u>COMPLETE ITEMS 6 AND 7</u>
6. AVAILABILITY OF FUNDS	<u>\$ 313,208.75</u>
7. PERFORMED BY	<u></u>
Date Sent to Comptroller's Office:	<u>04/22/2026</u>

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