

2025 Capital Projects



Federal Aid Road Construction - Rehabilitation of McKinley Pkwy (PIN 5763.32)

- 2025 Total Cost - \$9,000,000
- 2025 County Share - \$5,444,000
- Rehabilitation of McKinley Pkwy - Quinby Dr. to Southwestern Blvd., 2.03 miles, AADT11,500-15,130, Road score 6,7
- The pavement is distressed, requiring multi-course mill/overlay, intersection safety improvements are also needed. Drainage improvements are also needed full length.
- Project is currently in design with letting and award anticipated in 2025, for 2026 construction. Funding needs to be in place in 2025 to allow sufficient lead time of construction materials to start early 2026.



Federal Aid Road Construction - Maple St.

- 2025 Total Cost - \$5,250,000
- 2025 County Share - \$2,210,000
- Reconstruction of Maple Street – Route 20 to East Aurora Village line, .40 miles, AADT 6,153, road score 4. This project will include new pavement and drainage.
- Pavement is showing signs of distress and pavement failure. Construction is necessary to improve road conditions for travel and safety. This project is on the TIP for Fed Aid but is underfunded based on rising construction costs.
- This project is currently in design and will bid in the fall of 2025 for construction in 2026.



2025 Capital Overlay-Maintenance

- 2025 Total Cost - \$10,000,000
- The 2025 Capital Overlay Program provides for the rehabilitation, maintenance and reconstruction of the county highway network including pavement restoration, shoulder widening and safety improvements.
- Pavement is showing signs of distress and pavement failure. Construction is necessary to improve road conditions for travel and safety and reduce long term maintenance costs. CHIPS reimbursable allotment is more than sufficient to cover these funds.



Federal Aid Bridge Replacement – Dennis Rd. Bridge (3327510)

- 2025 Total Cost - \$1,543,000
- 2025 County Share - \$77,150
- The Dennis Rd. bridge over Little Sister Creek (BIN 3327510) was awarded as a BridgeNY project for full bridge replacement.
- The existing bridge was built in 1929. The steel girders and concrete are in poor condition. The bridge is beyond economical rehabilitation.
- This project will be constructed in 2025. Construction includes replacement of the existing bridge and reconstruction of the adjacent roadway approaches.



Federal Aid Bridge Replacement – Marshfield Rd. Bridge (3328610)

- 2025 Total Cost - \$2,034,000
- 2025 County Share - \$101,700
- The Marshfield Rd. Bridge over North Branch Clear Creek (BIN 3328610) was awarded as a BridgeNY project for full bridge replacement.
- The existing bridge was built in 1935. The concrete arch and substructures are in poor condition. The bridge is beyond economical rehabilitation.
- This project will be constructed in 2025. Construction will include complete replacement of the existing bridge and reconstruction of the adjacent roadway approaches.



Federal Aid Bridge Replacement – East Eden Rd Bridge (3327580)

- 2025 Total Cost - \$2,829,000
- 2025 County Share - \$141,450
- The East Eden Rd. Bridge over Hampton Brook (BIN 3327580) was awarded as a BridgeNY project for full bridge replacement.
- The existing bridge was built in 1984. The steel arch and footings are in poor condition. The bridge is beyond economical rehabilitation.
- This project will be constructed in 2025. Construction will include complete replacement of the existing bridge and reconstruction of the adjacent roadway approaches.



Preservation of Large Culverts - Construction

- 2025 Total Cost - \$10,000,000
- This is a large-scale construction program for the large culverts and small bridges throughout the county. Potential culverts for 2025 are on Belcher, Back Creek, Feddick, Fletcher, Jennings, Lein, Trevett, W. Tillen, and other county roads
- At present, 12 culverts which are rate 3 or less need replacement. Erie County has 25% of the large culvert inventory reaching the end of their life, this equates to 125 structures. This needs to be a long-term investment over the next 10 years.
- Design for the culverts is taking place in 2024, with construction planned for 2025.



Vehicle & Equipment Replacement - Highways

- 2025 Cost - \$4,000,000
- Front line equipment is in critical need of replacing; plow trucks, high lifts, tractors, sweepers and mowers, as well as specialized equipment for road striping operations.
- The large vehicle fleet is aging, major repairs are now needed. Running a fleet of this age and size needs a long-term replacement program to control maintenance costs. Environmental requirements and safe traffic control operations require equipment.



Springville Dam 019-0565 Compliance Rehabilitation Construction

- 2025 Total Cost - \$500,000
- Rehabilitation of the Springville Dam is to address spillway capacity, stability, the incorporation of functional low-level outlet and various other safety and compliance related repairs.
- This work is required to bring the Dam into compliance with NYSDEC regulations.
- With an incremental approach through multiple construction lettings, construction can start as soon as 2025 and progress through 2027.



Preservation of Dams – On-Call Dam Design

- 2025 Total Cost - \$760,000
- This project is for the overall management of the County's dam assets, including ecologically sound and cost-effective strategies for long term management of those assets, and maintenance and repair activities as required.
- Dams are like any other piece of capital infrastructure – they require ongoing maintenance, occasional repair and/or renovation. They also need to be kept in compliance with NYS dam safety regulations.



Culvert and Federal Aid Bridge Preservation - Design

- 2025 Total Cost - \$1,500,000
- Design for Federal Aid, bridge preservation projects or capital culvert projects. Bridge work will include, but not be limited to; bridge deck repairs, overlays, deck sealing, joint, and bearing replacement. Culverts may be replaced or repaired
- Federal Aid projects PIN 5764.17, PIN 5764.19, and PIN 5764.21 require design for bridge deck and joint repairs, installing overlays, and other repairs to prolong the service life of the bridges. Several culverts are also in need of repair or replacement.
- The design phase of all bridge maintenance projects are currently on the tip, as there is no state or federal money available for the design phase of these project types. Capital culvert projects would be designed in 2025 for 2026 construction.

PROJECT LOCATIONS

PIN 5764.17

Bridge washing & deck sealing contract, includes 200+ bridges

PIN 5764.19

Colvin Ave. bridge over Ellicott Creek - Tonawanda

Zimmerman Rd. bridge over Eighteen Mile Creek – Boston

Keller Rd. bridge over Hampton Brook – Eden

W. Falls Rd/Bridge St. bridge over W Br Cazenovia Creek- Aurora

Grover Rd. bridge over W Br Cazenovia Creek – Aurora

Warner Hill Rd. bridge over Hunters Creek – Wales

Four Rod Rd. bridge over Cayuga Creek – Alden

PIN 5764.21

Borden Rd. bridge over Slate Bottom Creek – Cheektowaga

Savage Rd. bridge over Cattaraugus Creek – Sardinia

Murray Hill Rd. bridge over W Br Cazenovia Creek – Colden

Zoar Valley Rd. bridge over Spooner Creek – Concord



Preservation of Roads Construction – Borden Rd (CR322)

- 2025 Total Cost - \$7,500,000
- This is the final phase in a 3 phase project to rehab Borden Rd., this will cover from Seneca Creek to French Rd, 1.2 miles, 5,365 AADT, Road score 8-9
- The work will include pavement resurfacing, gutter curb, ADA ramps and drainage improvements.
- Drainage infrastructure and underlying pavement has deteriorated and is beyond its useful service life.
- Construction phase 1 is complete, phase 2 will be in construction this year. Phase 3 design is in progress and will be ready to bid once construction of phase 2 is complete.



Highway Safety Improvements

- 2025 Total Cost - \$1,250,000
- Highway safety improvement funds would be used for replacing damaged guiderail, correcting recognized highway deficiencies and upgrading highway appurtenances on county roads that are determined to be hazardous or are prone to higher accident rates.
- Necessary to maintain and provide safe travel for motorists on the county highway system, and to reduce risk liability costs and maintenance expenses by application of best practice use of safety features. Erie county has 829,055 feet (157 miles) of guide rail.



2025 IT & GIS Services

- 2025 Total Cost - \$200,000
- Cost of continued contract for technical support of GIS system and implementation of new work order system, hardware expenses, software and GIS consultant contract.
- IT support is needed during emergency situations, the equipment will be used for deployment of new work order system and field data collection.

Federal Aid Bridge Replacement – Bridge NY - Design

- 2025 Total Cost – \$5,000,000
- 2025 County Share - \$1,000,000
- This is funded by the bipartisan infrastructure law and is for the design phase for Bridge NY projects, or any other federal or state aid bridge or culvert project.
- In 2024, Erie County submitted application for 7 bridges, and 2 large culverts for BridgeNY funding. We have recently been notified that we have been awarded all 9 structures. This funding is for the design phase of those projects.
- Design would begin in 2025. Construction would be in 2027 or 2028 depending on the complexity of each the project.

PROJECT LOCATIONS

Replacement of Glenwood East Concord Rd. (Rt. 30) bridge over Graff Brook
Replacement of Glenwood East Concord Rd. (Rt. 30) bridge over Sprague Brook
Superstructure replacement of Versailles Plank bridge over Big Sister Creek
Replacement of Concord Rd. bridge over Spooner Creek
Replacement of Bagdad Rd. bridge over Clear Creek
Replacement of Ketchum Rd. bridge over North Branch Clear Creek
Replacement of Meahl Rd. bridge over Branch Murder Creek
Replacement of Exchange St. culvert over Tributary to Cayuga Creek
Replacement of North Forest Rd. culvert over Tributary to Ellicott Creek



Federal Aid Bridge Preservation - Construction

- 2025 Total Cost - \$2,400,000
- 2025 County Share - \$824,000
- This is to fund the construction for bridge preservation projects which will receive federal aid funding. This work will include, but is not limited to; washing, sealing, deck repairs, joints, painting, substructure repairs and bearing replacement
- Erie County has 6 Federal Aid maintenance projects in the 2023-2027 tip which are distributed over four years. These projects will prolong the usable lifespan of County bridges. Two projects are to be let in 2025 – PINS 5764.17, & 5764.21.

PROJECTS TO BE LET IN 2025

PIN 5764.17

Includes 200+ bridges located in every town throughout Erie County

PIN 5764.21

Borden Rd. bridge over Slate Bottom Creek – Cheektowaga
Savage Rd. bridge over Cattaraugus Creek – Sardinia
Murray Hill Rd. bridge over W Br Cazenovia Creek – Colden
Zoar Valley Rd. bridge over Spooner Creek – Concord

Road Slide Construction – Hopkins Rd (CR87)

- 2025 Total Cost - \$4,050,000
- Slope stabilization between Hopkins Rd and Ransom Creek at Smith Rd, 0.2 Miles, 355 AADT, road score 6
- Work will include highway reconstruction, and drainage improvements. ROW acquisitions are required.
- This work is required to provide a stabilized embankment slope along the roadway which has wide cracks and is displacing, as well as address drainage issues, all to ensure the safety of the traveling public.
- Design is currently in progress. Bidding is anticipated in the first quarter of 2025, with construction completion anticipated before the end of the 2025 construction season.



2025 Engineering Capital Overlay

- 2025 Total Cost - \$8,000,000
- Rehabilitation of multiple roads, depending on funding including, George Urban (RS 6, AADT 13,300), Colvin (RS 6, AADT 16,400), Greiner (RS 6-7, AADT 12,989), Wehrle (RS 7, AADT 19,491), Youngs (RS 7, AADT 11,806).
- Pavement is showing signs of distress and pavement failure. Construction is necessary to improve road conditions for safety of the traveling public and to reduce long term maintenance costs. CHIPS and PaveNY reimbursable allotment is sufficient to cover these funds.



Preservation of Roads – Construction – Eggert and Colvin

- 2025 Total Costs - \$7,750,000
- Reconstruct Eggert Rd. south of Colvin (RS 7, 0.10 mile, AADT 9,343), and Colvin from Twin Cities to south of Eggert (RS 4-7, 0.42 mile, AADT 17,971).
- Work will include replacement of concrete pavement and drainage.
- The concrete pavement is showing signs of distress and pavement failure, emergency joint repairs were made. Construction is necessary to improve the road condition and travel safety. These improvements will allow the county to improve the aging infrastructure.
- In design currently. This project will bid in Spring 2025.



As Directed/Emergency Engineering Design Services

- 2025 Total Cost - \$400,000
- This project will fund the design of repairs which have to be completed based on bridge/culvert inspection reports, flags, or hazardous conditions found. This is an annual project needing yearly funding as this work is beyond maintenance staff capabilities.
- Erie County owns 297 large bridges, 487 small bridges, and helps maintain 47 NYSTA/NYS DOT bridges, which may need repairs designed quickly. In addition, this project will be used to provide design and inspection services for specific projects.



Preservation of Bridges & Culverts Construction – Repair/Rehab of Flagged bridges & Culverts

- 2025 Costs - \$500,000
- This project will fund the construction of repairs and rehabilitation of structures that must be completed based on bridge inspection reports and small bridge/large culvert inspection reports and/or flags and based on the priority at the time.
- Erie County owns 297 large bridges, 487 small bridges, and helps maintain 47 NYSTA/NYS DOT bridges, which may be flagged during inspections. Damage may also occur due to plowing, accidents, floods or other events.
- These projects are such that some need to be completed within 6 weeks of being informed of the flagged condition. Erie County owns these structures or has maintenance responsibilities for certain items on bridges owned by NYSDOT or NYSTA.



Preservation of Roads – General Road Design Program

- 2025 Total Cost - \$2,500,000
- This project will provide design for one or more roads or retaining walls supporting roads. Depending on funding candidates include; French (Union to Transit, RS 6), Dodge (Hopkins to Transit, RS 5-6), Ransom (Main to Stage, RS 7), East Ave. (All, RS 5), or another county road.
- It is necessary to improve road conditions and retaining walls of Erie County roadways for travel and safety. Improvements will allow for the County to address the aging infrastructure for all users.



Preservation of Roads – Retaining Walls – New Oregon Rd.

- 2025 Total Cost - \$1,250,000
- This is for repairs to the retaining wall on New Oregon Rd, just south of Belcher Rd. (AADT 405), or any other locations in need of retaining wall repairs or construction.
- The existing New Oregon Rd. retaining wall has significant spalling of the concrete face and undermining of the footings. Repairs are needed to keep the wall stable and continue to support the road.
- Design to take place in 2024, with construction in 2025.



Large Culvert/Small Bridge & Pedestrian Inspection Program - Countywide

- 2025 Total Cost - \$250,000
- This project is for the condition inspection of 487 large culvert/small bridges (5-25) and 10 pedestrian bridges distributed over a 4 year program. These structures are not inspected by NYSDOT, so then need to be inspected by the county.
- Inspection of these structures follows NYSDOT recommendations for frequency to ensure safety. The inspections are also used to determine conditions and prioritizing repair and replacements.
- Inspection contracts are issued on a 2-year cycle for approximately half of the large culvert/small bridges in the county. This is a bi-yearly budget request item to fund the inspections performed each contract.



Zoar Valley (CR457) Road Slide Design

- 2025 Total Cost - \$400,000
- Slope stabilization between Zoar Valley Rd and Cattaraugus Creek at N. Otto Rd., 0.2 miles, AADT 200, road score 6
- Work will include highway reconstruction and drainage improvement; ROW acquisitions will be required.
- Due to continued subsurface movements, there is regular maintenance required to maintain the roadway in a travelable condition. Without this project and these regular maintenance costs, road closure may be required.
- Design to begin in 2025 with construction in 2026.



2025 Capital Right-Of-Way

- 2025 Total Cost - \$100,000
- Right-of-way procurement by fee or easement approved by the county attorney to facilitate various road, bridge, culvert, dam or other projects including maintenance and preservation projects.
- Right-of-way procurement is needed at times to facilitate various projects the county DPW-Highways undertakes to improve, repair or replace the county's transportation and other physical infrastructure under its jurisdiction.



Preservation of Roads – Retaining Walls – Rapids Road Design

- 2025 Total Costs - \$200,000
- This is for the design of repairs to the retaining wall on Rapids Rd. in the Town of Clarence, or any other retaining walls in need of repair or replacement design.
- The existing Rapids Rd. retaining wall consists of precast concrete blocks which are deteriorating and crumbling. Continued deterioration will lead to failure of the wall and supported roadway. Repairs need to be designed before collapse of closure.
- Design to take place in 2025, with construction in 2026.



Preservation of Roads Construction – New Road

- 2025 Total Cost - \$11,950,000
- Phase 2 is to rehab New Rd, from Smith Rd. to Tonawanda Creek Rd, 2.2 miles, AADT 4,066, road score 7
- Project will include, shoulder widening, enclose drainage,& pavement mill and overlay.
- New Rd. currently has narrow shoulders, ditches must be enclosed to enable widening of the shoulder and improve safety for bicycle and pedestrian use.
- Phase 2 of this project is in final design and is expected to be ready to bid in 2025.



Preservation of Bridges – Construction – Emery Rd. Bridge

- 2025 Total Cost - \$2,500,000
- This is a capital bridge construction project for Emery Rd over a Tributary to Cazenovia Creek. Detailed design will determine if this is a bridge (>20') or a large culvert (5'-20') sized structure.
- There is an existing 4' span culvert which is under 30' of fill material. The culvert was built in 1920. The top slab of the culvert has collapsed in some areas causing loss on embankment, which is impacting the road and railing.
- Preliminary design for a preplacement structure is ongoing. Detailed design is to be completed in 2024 with letting in early 2025.

