

VILLAGE OF HOLLAND



"We've had a great relationship with Poggemeyer," said Mayor Yunker. "Their staff has been phenomenal to work with. They get back to us quickly with very thorough, competent advice and explanations. The firm is well-rounded and diverse, making information outside of our representatives' fields readily accessible."

It takes a lot of forethought, financial planning and community input to accomplish the capital improvements that have taken place in Holland in recent years but with the responses they are getting to projects like the new all-season lodge at Strawberry Acres Park, it looks like Village officials are on the right track.

TRANSPORTATION

WASHINGTON DRIVE IMPROVEMENTS

PDG prepared the necessary plans and specifications for the complete reconstruction of nearly 1,000 feet of Washington Drive including new asphalt concrete pavement, concrete drive aprons, the installation of concrete curb and gutter, and sidewalks on both sides of the street. The storm sewer improvements consisted of the installation of underdrains, 200 feet of 8-inch storm conduit, 660 feet of 12-inch storm conduit, four catch basins and three manholes. Additional services included bidding, construction observation, engineering during construction and construction staking.

MADISON STREET AND KITTLE ROAD RECONSTRUCTION

PDG was hired to prepare the necessary plans and specifications for the complete reconstruction of over 500 feet of Madison Street and nearly 300 feet of Kittle Road adjacent to Springfield Middle School and Holland Elementary School. The project included new asphalt concrete pavement, concrete drive aprons, concrete curb and gutter sidewalks. The storm sewer improvement consisted of the installation of underdrains, 500 feet of 12-inch storm conduit, 200 feet of 15-inch storm conduit, six catch basins and three manholes. Additional services included bidding, construction observation, engineering during construction and construction staking.

CLARK & FRONT STREET AND CLARION AVENUE, PHASE 1

PDG was hired to reconstruct Clark Street, from Front Street to Second Street, and Front Street, from Holloway Road to Clarion Avenue. Both of these streets are major routes through the Village. The work consisted of new asphalt concrete pavement and concrete drive aprons, the replacement of over 2,500 feet of combination curb and gutter and the installation of approximately 460 feet of 12-inch storm conduit, 975 feet of 24-inch storm conduit, ten catch basins, eight manholes and underdrains. This project also included the construction of new sidewalk and handicapped curb ramps.



CLARION AVENUE, PHASE 2 & VILLAGE MEADOWS TRAIL IMPROVEMENTS

The project included the complete reconstruction of 8,050 square yards of Clarion Avenue, Holly Drive and Village Meadows Trail. The work consisted of new asphalt concrete pavement and concrete drive aprons, the replacement of approximately 4,180 feet of concrete curb and curb and gutter with new combination curb and gutter and the installation of approximately 300 feet of 8 inch storm conduit and 550 feet of 12 inch storm conduit, 13 catch basins, one manhole and underdrains. The work also included the construction of new sidewalk on one side of Clarion Avenue and Village Meadows Trail.

NIGHTINGALE DRIVE IMPROVEMENTS

PDG provided engineering design and construction administration services for the partial reconstruction of approximately 2,000 feet of Nightingale Drive including pavement planing and base repair, new asphalt concrete pavement, replacement of 3,950 ft. of existing curb, installation of ADA accessible curb ramps and pavement markings. Additional work included replacement of existing catch basins, the replacement of existing driveway approaches, as well as other related work.

Services Provided

- Transportation Engineering, Construction Administration

Project Cost

- Project Cost: \$409,000

Project Schedule

- Construction: 2015

HALL STREET RECONSTRUCTION PH1 & PH2

PDG provided engineering design and construction administration for the replacement of approximately 4,100 square yards of existing asphalt pavement on Hall Street in the Village of Holland. Additional work included curb repair/replacement, reconstruction/adjustment of existing catch basins, manhole replacement, sidewalk and curb ramp installation, and sign replacement.

Services Provided

- Transportation Engineering, Construction Administration

Size

- 4100 sq. yd. Asphalt Replacement

Project Funding

- \$95,380 OPWC Grant

Project Cost

- Engineers Estimate: \$180,000
- Project Cost: \$177,979

Project Schedule

- Professional Services: 2012
- Construction: July-August 2012

KIPLING DRIVE IMPROVEMENTS, PHASE 2

The scope of work included reconstruction of 600 feet of Kipling Drive from Columbus Avenue to Clarion Avenue. Improvements included new pavement, curb and gutter, sidewalk, storm sewer. Also included with the project was installation of nearly 1,000 ft. of 8-inch water main, some of which was directionally bored. The final portion of the project consisted of installing over 400 ft. of liner pipe within the existing storm sewers, restoration and other related work.

Services Provided

- Drawings and specifications, bidding, topographic survey, construction observation, engineering during construction, and construction layout staking

Project Schedule

- Construction: 2013

Project Funding

- \$245,000-OPWC Grant

Project Cost

- \$434,500

HOLLOWAY ROAD AND HALL STREET HOLLAND

PDG provided design, bidding and construction administration services for this Ohio Public Works Issue 2 project. The Holloway Road portion of the project included the widening and resurfacing of over 600 feet of Holloway Road, including new curbs and gutters, and the installation of a pavement reinforcement grid. Also included with the project was the construction of new sidewalks and ADA curb ramps. The other component of this project was the complete reconstruction of over 400 feet of Hall Street from its intersection with Holloway Road to Jefferson Street. The reconstruction included new pavement, curbs and gutters, and sidewalks. New storm sewers and a new water main were also installed by the contractor.

Project Cost

- \$210,000

Completion

- 2002



ERIE STREET IMPROVEMENTS

PDG provided engineering design and construction administration for the complete reconstruction of approximately 750 feet of Erie Street in the Village of Holland. The improvements included new asphalt concrete pavement, concrete walk, curb and gutter, curb ramps, new storm sewer and underdrains. In addition, the existing 6-inch water main was replaced with a new 8-inch main.

Services Provided

- Transportation Engineering, Construction Administration

Project Cost

- Project Cost: \$330,000

Project Schedule

- Professional Services: 2014
- Construction: 2014-2015

ALMAINE DRIVE AND GEORGIANNA DRIVE IMPROVEMENTS

The project consisted of the complete reconstruction of approximately 900 feet of Almaine Drive and Georgianna Drive. The improvements included new asphalt concrete pavement, the installation of concrete walk, 1,800 feet of combination curb and gutter, and six ADA accessible curb ramps. New 12-inch, 15-inch and 18-inch storm sewer were installed along with catch basins, manholes and 1,800 feet of underdrains. New 8-inch water main were also installed, along with additional related work.

Services Provided

- Transportation Engineering, Construction Administration

Project Cost

- Project Cost: \$434,500

Project Schedule

- Professional Services: 2014
- Construction: 2014

PROGRESS STREET IMPROVEMENTS

There are five businesses/industries located on Progress Street, all of which needed continuous access throughout the construction. PDG worked with business owners and the contractor to develop a Maintenance of Traffic Plan that accommodated all stakeholders.

The scope of services consisted of reconstructing approximately 2,800 sq. yards of Progress Street with new concrete pavement. Installation of over 800 ft. of 12-inch, 15-inch and 18-inch storm sewer, and installation of over 850 ft. of 8-inch ductile iron water main was also included in the project.

Services Provided

- Drawings and specifications, bidding, topographic survey, engineering during construction, and construction observation for Progress Street Improvements.

Project Funding

- \$269,500 OPWC Grant

Project Cost

- \$480,647

Project Schedule

- Professional Services: Spring 2012
- Construction: Fall 2012

MARQUETTE AVENUE RECONSTRUCTION

The project consisted of the reconstruction of Marquette Avenue including new pavement, curb and gutter, sidewalks and crosswalks for pedestrians, storm sewer and underdrains. Also included in the project was the installation of new 10-inch ductile iron waterline, restoration and other related work.

Services Provided

- Engineering design/specifications, bidding and topographic survey

Project Funding

- \$196,000-OPWC Grant

Project Cost

- \$343,750

Project Schedule

- Construction: Fall 2011

JEFFERSON & RAILROAD STREET IMPROVEMENTS

PDG provided engineering design for the reconstruction of Railroad Street and Jefferson Street in the Village of Holland. Project included installation of curbs, sidewalks and crosswalks for pedestrians, and improvements to the storm sewers, as well as new 8" water main. In addition to drawing and specifications, PDG also provided bidding, staking, topographic survey and construction observation services for the projects.

Project Funding

- \$244,755-OPWC Grant

**Project Cost**

- \$499,500

Project Schedule

- Professional Services: 2010
- Construction: Fall 2010

MAUMEE STREET RECONSTRUCTION

Phase 1 of the project consisted of the reconstruction of Maumee Street to Railroad Street. In addition to the new asphalt pavement, curb and gutter, and sidewalks, the project included lining of over 1,000 ft. of existing storm sewer, as well as other related work.

Project Funding

- \$170,520-OPWC Grant

Project Cost

- \$400,000-Phases 1 & 2

Project Schedule

- 2010

SPRINGFIELD DRIVE RECONSTRUCTION

PDG provided design engineering and construction administration services including full-time inspection during the reconstruction of 1,800 feet of Springfield Drive in the Village of Holland, Ohio. The project included widening of the existing road, construction of new combination curb and gutter, new storm drainage system and a new asphalt concrete surface.

PDG was instrumental in securing Ohio Public Works funding on behalf of the Village of Holland for 43% of the project cost.

The project was completed below the budget established in the grant application.

Services Provided

- Transportation, Construction Administration, Survey

Project Funding

- \$245,526 OPWC Grant

Project Cost

- \$540,000

COLUMBUS AVENUE RECONSTRUCTION

PDG reconstructed Columbus Avenue, from Dunn Drive to Almaine Drive, in the Village of Holland.

The project included the complete reconstruction of approximately 1,600 feet of Columbus Avenue, including a new asphalt concrete pavement, and the construction of 13,200 square feet of concrete walk, 3,300 feet of combination curb and gutter, and 12 curb ramps. The existing storm sewer system was replaced with 1,750 feet of conduit ranging from 12 inches to 27 inches, 10 catch basins, five manholes, and 3,300 feet of shallow pipe underdrain. A portion of the sewer replacement located along the west end of Kipling Drive required some additional improvements as well. Sidewalks were constructed where none existed, improving safety for pedestrians traveling along this road.

PDG prepared a successful grant application and administered funds awarded by the Ohio Public Works Commission to pay for 40% of the project cost.

Services Provided

- Transportation, Construction Administration, Survey

Project Funding

- \$196,000 OPWC Grant

Project Cost

- Engineers' estimate: \$490,000

Completed

- Fall 2006

OTHER TRANSPORTATION PROJECTS

- Dutch Road Turn Lane
- Sidewalk Improvements
- Clark Street Reconstruction
- Strawberry Acres Parking Lot/Pedestrian Path
- Orchard Center Pavement Evaluation/Improvements
- Dunn Drive Improvements Ph1 & Ph2
- Second Street/Columbus Avenue Ph1 & Ph2
- Second Street Drainage Inspection
- Front Street/Clarion Avenue Recreation Path
- Spectrum Drive (Buckeye) Permit
- Angola Road Construction Administration
- R/W Permit Review (AT&T)

INFRASTRUCTURE**VILLAGE INFRASTRUCTURE IMPROVEMENTS**

The Village has also been able to undertake several infrastructure improvement projects with assistance from the Ohio Public Works Commission. Working off an ongoing road improvement plan, more than four miles of roadways have been reconstructed or repaved with related storm, water and sidewalk improvements.



ARCHITECTURE

THE LODGE AT STRAWBERRY ACRES

The Village of Holland worked with PDG to replace its deteriorated rental lodge in Strawberry Acres Park with a new 5,200-square-foot community facility. The former lodge was 70 years old and had no heating or air-conditioning systems. The new Lodge at Strawberry Acres, booked nearly every weekend, seats up to 300 guests.

The new lodge was designed to enhance the 17-acre park's natural landscape using field stone, wood siding and heavy timbers to capture its rustic charm. The unique design features two halls, each with its own kitchen, interior fireplace, and large windows and patios. A retractable sound-proof dividing wall provides flexibility of accommodating two smaller events simultaneously.

The project involved site improvements and demolition of the former facility. The new building was positioned for maximum exposure and use of existing utilities and sidewalks. PDG also helped secure a \$550,000 budget allocation from the State of Ohio to assist with the project costs.

Project Funding

- \$550,000 State of Ohio Budget Allocation Grant

Project Cost

- \$1.3 million

POLICE STATION AND MUNICIPAL BUILDING RENOVATIONS

PDG designed the \$700,000 renovation of the Village's former fire station into a new home for the police department and also completed the renovation of its 4,000-square-foot municipal building. The improvements were designed to accommodate phased construction.

The new police department facility provides new interview rooms, holding areas, a records retention area, additional office space, and evidence and property locker space. Two fire station bays were retained as covered parking areas for patrol vehicles and a new drive provides access for the vehicles to enter and exit through opposite sides of the bays.

Existing furnace and air conditioning units were replaced with a single packaged rooftop air handler mounted on a grade pad, and new ductwork routed throughout the two-story building. Averaging thermostat sensors were utilized to control the air handler operation and provide better overall occupant comfort.

The municipal building renovations included new council chambers in the space previously occupied by the police department, with expanded office and storage space in the former council chambers.

PDG's experience with Holland is a perfect example of how we strive to build strong, mutually rewarding relationships with our clients, providing a "total package" resource to project development.

Project Cost

- \$700,000

POLICE AND VILLAGE STORAGE GARAGE

PDG provided professional services for a new 2,400 s.f. police and Village storage and rubbish truck garage.

Services Provided

Electrical Engineering, Site Development

Project Cost

- \$540,000

Project Schedule

- Professional Services: Spring 2013
- Completion: Fall 2013

MAINTENANCE BUILDING ADDITION

PDG worked with the Village of Holland to design improvements at its maintenance facilities. The project involved the design of a 1,900-square-foot addition to its maintenance building and construction of a new, 770-square-foot salt storage building.

Services Provided

- Topographic survey, schematic design, construction and permit drawings, exterior building improvements, and mechanical and electrical upgrades

Project Cost

- \$270,000

Completed

- 2010



OTHER ARCHITECTURE PROJECTS

- Strawberry Acres ADA
- New Park Restrooms
- Feasibility Study
- Building Utilization Study

ELECTRICAL

STRAWBERRY ACRES PARK LIGHTING

PDG was selected to prepare drawings and specifications for new lighting along a paved walking trail in Strawberry Acres Park, a 17-acre wooded park in the Village of Holland. The installation of conduit was the first phase of the path lighting project, designed to accommodate early morning and evening guests on the 0.6-acre trail. The project involved bidding and construction administration for the installation of approximately 3,000 linear feet of underground lighting conduit, 20 hand holes and necessary restoration and related work.

The second phase of the project was completed in 2009 and includes the installation of 20 lights and poles, and wiring and external receptacles. The path lighting project coincided with the opening of the new Lodge at Strawberry Acres.

Project Funding

- CDBG Grant

Project Cost

- \$105,000

PLANNING

- Holland L&WCF & TEP
- Railroad Park

SITE

- Northwest Specialties Site Plan
- Menard Site Plan Review
- Gem Safari Building System Evaluation
- Columbia Gas-McCord Permit Review
- Kroger Fuel Center Site Review

ENVIRONMENTAL

- EPA Storm Water Grant Application
- Hall Street Waterline Ph1 & Ph2
- Dunn Drive Waterline Easement
- Second Street Drainage Inspection

SURVEY

- Community Building Boundary Survey
- Strawberry Acres Survey