

MISSION STATEMENT

The Public Works Department has the responsibility for maintaining the quality of life in an urban environment. The myriad of tasks which the department accomplishes on a daily basis directly affects the lives of the entire population.

Clean streets, sidewalks, parks, commercial and residential communities are those areas in which families, senior citizens, businesses and visitors from other communities can use and enjoy year round.

Effective garbage collection, an ambitious bulk collection and recycling program will continue to meet the needs of our community now and into the future.

Our road improvements program will continue to improve our infrastructure as our population and transportation needs increase and improved traffic control systems.

No matter what our goals and objectives are, Public Works will continue to meet the needs of the citizens of our City.

SERVICES

The Department of Public Works and Engineering is the back bone of Municipal Government because it supplies a myriad of essential services as well as facilitating city wide improvements.

Our Public Works Department oversees garbage collection to households, collecting 11 million pounds of trash each year and recycles over 1,100 cubic yards of materials.

This group of dedicated employees accomplishes numerous tasks, including fleet management, street sweeping and road repairs, repairing pot holes, tree trimming, stump removal, sidewalk and road opening inspections, maintain our City owned vehicles. City owned and abandoned lots are cleaned. We plow snow and spread salt over 35 miles of City streets, City parks, as well as the municipal parking lots where we collect revenue from the meters.

We paint stop bars, crosswalks and traffic lanes, install and maintain street signs in accordance with City ordinances, State and Federal regulations.

We support the other Departments as well as they put on City functions, we set up before and clean up following the event, celebration or parade.

Public Works also supports Code Enforcement in their efforts to keep private property clean. When violators of property codes will not comply, and in most cases cannot be found, the Public Works Department cleans away dumped garbage, mostly construction debris, and boards up homes. All City owned buildings, properties and parks are maintained on a daily basis, to serve both the municipal employees and the public.

Department of Public Works Facility & Yard Improvements

This project consists of various improvements to the Department of Public Works (DPW) Yard located at "Brook Alley". The improvements are separated into two (2) separate aspects, as follows:

Site Improvements:

1. Resurfacing of the parking lot.
2. Installation of a new vehicle wash system.
3. Installation of a motorized entrance gate with controlled access.

Facility / Building Improvements:

4. Replacement of existing roofing system.
5. Installation of a new exhaust system.
6. Cleaning & painting of exterior & interior of the; garage, sign shop, and pump house buildings.

Additionally, an alternate bid was included to replace the sanitary sewer lateral and water service as a part of this project.

Accordingly, the design engineer submitted a request for supplemental services to complete the design of the water service and sanitary sewer lateral replacement. It was decided that plans and specifications would be prepared and provided to the apparent low bidder if the alternate bid was awarded.

Additionally, at the request of the City, Remington & Vernick Engineers also submitted a Scope of Services and Cost Proposal for the design, advertisement / bidding support, construction observations, and contract administration for the sanitary sewer and water service replacement.

Other improvements

The following improvements will be completed at the DPW yard but are not included in the above referenced project:

- **Above Ground Fuel Tanks**

Above ground fuel tanks (gasoline & diesel) were purchased by the City under State Contract. Construction is scheduled to begin on or about October 30, 2020.

- **Brine Maker**

The City set aside money as part of the capital improvements bond to purchase a brine maker. The distributor who provided the quote for the brine maker no longer sells the brine maker that the City would like to purchase.

The City Engineer is currently researching alternate options for the brine maker. It is the intention to install the brine maker during or after the "DPW Yard & Facility Improvements" project is completed.

Public Works Facility Restroom Improvements

The Brook Alley Maintenance facility has two existing restrooms to be renovated in their entirety. Each restroom is located within two separate facilities. The Maintenance facility locates one uni-sex restroom in extremely poor condition and is not handicap accessible. The Transportation facility also locates a uni-sex restroom that is extremely poor condition and is not handicap accessible.

Existing conditions field surveying to include digital images have been completed as well as the design layout for each locations. The MEP plans are in the process of being completed and expect to be released for City of Orange Township's approval. After revision are completed resulting from approval from the City of Orange, BID documents will be submitted for release of the public bid process.

Central Field House

To improve facilities for youth sports and activities, the old Central Park Field House was demolished to make way for a new 1.2 million multipurpose community facility. The new facility was paid by a combination of Essex County Community Development Grant (CDBG) and Green Acres. It is the first new construction recreation fieldhouse in decades. The project consists of the construction of a 3,600 square feet building with male and female restrooms and locker rooms along with a community room and a commercial quality kitchen. The fieldhouse will also have much-needed storage space and an outdoor service area.

Colgate Pool Improvements Phase 1

It is our understanding that the City has received a grant award from the Essex County Community Development Block Grant in the amount of \$140,500.00 to assist in the repair of Colgate Park Pool to bring the complex into compliance. The project scope is to utilize the grant award to upgrade certain essential systems and make any necessary repairs to further the longevity of the existing pool complex. This proposal will discuss the improvements that will be conducted in 2020, which will have a contract that is structured to have a base bid and alternates. This work is expected to be awarded prior to the end of 2020 and commence over the winter prior to the pool opening next summer. All systems will be checked in the spring once the weather thaws.

Our team has reviewed the existing conditions of the pool and have determined that an important way to improve the facility would be to attain the services of a contractor to perform an upgrade to the existing chlorination system at the pool complex.

The City will develop plans that will consist of the necessary improvements to install a 300 gallon automatic chlorination system within the existing Chlorination Building. Within the existing building we believe that there is space that can be utilized in order to fit all the components for this system, which will bring the pool into compliance in regards to the proper distribution of chlorine.

Other improvements will be established to effectively improve various plumbing, masonry, and carpentry needs that would help improve the Chlorine Building.

Our goal is to provide a proper system for the pool that will provide healthy water distribution, and then handle further improvements to the pool that are needed in the next phase.

NJIB & NJDOT Road Paving Projects

The 2018 NJIB road paving project allowed the City to improve more than 6.7 miles on 31 different roadways: paving, utility upgrades, street tree planting, and the rehabilitation of driveways, sidewalks and curbs. Safety upgrades include intersection improvements, high visibility crosswalks, bicycle-safe grates, and ADA compliant curb ramps. The road paving project continued in 2020 with Cifelli completing concrete work for the project and addressing change order work that was requested to be completed as part of the ongoing work this year. This work was completed on Oxford Street and Tony Galento Plaza. This work had been previously approved by the city to be included as part of this project. In addition Cifelli Construction also completed concrete repairs to the vast concrete sidewalk and curbs that were installed in 2019 as part of this project after being reviewed and inspected by Pennoni Associates the engineer for the project.

In addition this year saw the start of the second phase of this project, the pavement reconstruction project. Of the total roads that are part of the project all roads with the exception of 8 have been milled and pave. The remaining 8 roads will either be part of a project that will be completed next year or removed in their entirety from the scope of work after extensive coordination with the City of Orange Department of Public Works.

Transit Village 2018-Tony Galento Shelter House

The Transportation Village 2018 Orange Transit Station Improvements project has the goal of reopening the Shelter House at Tony Galento Plaza. Upon completion, the Shelter House and its historical terrazzo floor and bench seating, will serve as a reminder of the golden years of transportation, and symbolize resurgence of the City of Orange.

The project work includes removal and replacement of windows and doors, new electrical and HVAC with a concession area and new bathroom

Grant Amount: \$195,000.00

Location: Orange Shelter House at Tony Galento Plaza. North side of the station along Toney Galento Plaza and is directly adjacent to the plaza and development occurring near the area.

Project Cost: \$390,000

The project is under design at this time and to complete the project will require an access agreement from NJ Transit to allow continuous City Access. A site meeting should be coordinated with the City and NJ Transit to facilitate/obtain the necessary access (doorway with lock box) and use-occupancy agreement(s).

The Highland Avenue Station Accessibility TA-2016

The Highland Avenue Station Accessibility Project directly relates to surface transportation within the City of Orange Township. The project will enhance the pedestrian experience and safety in the area surrounding NJ Transit's Highland Avenue Transit Station. The proposed improvements includes the resurfacing and striping of Highland Avenue Station parking lot located at the intersection of Highland Avenue and Scotland Road along with the replacement of sidewalk, ADA ramps, decorative lights, drainage improvements, street furniture and new way finding signage. In addition, pedestrian lights are proposed within the underpasses located on the following streets: Freeman Street, Stetson Street, and Mitchell Street. The project includes pedestrian safety and accessibility improvements along Freeman Street, Scotland Road, Stetson Street, and Mitchell Street. The project is being funded by a Transportation Alternative grants from the NJDOT.

Project Status: The preliminary plans were submitted on June 30, 2020 to NJ Transit and the New Jersey Department of Transportation (NJDOT) for review and comment. Comments were received from NJ Transit. Currently the project is under review by NJDOT.

Highland Avenue Train Station Rehabilitation

In 2016 an application was made to NJDOT for funding to re-habilitate the Highland Avenue Station. In March 2016 the city was awarded a grant for \$614,000. The project design began in 2018 and during the design phase additional improvements were identified. In February of 2020 additional funding was requested and in September NJDOT increased the funding to a total of \$1,213,000.

This project is to restore the facility to some of its historical relevance. The arched windows are being replaced to match existing as well entrance doorways. The beautiful terrazzo floor will be polished and sealed. The main lobby has an arched ceiling. The inclusive design respects users with physical disabilities-with a restroom compliant with the Americans Disabilities Act (ADA). When finished, the Station will offer a variety of spaces from main lobby with its 20 feet high ceilings, smaller potential spaces for rental and community activities.

Currently the project is awaiting NJ Transit approval of the plans and specifications and Federal Procedure manual approval from NJDOT. After which NJDOT will proceed with processing approval to proceed with bidding. Upon agency approval the fully funded project can be bid and construction an commence. The anticipated time frames are, 90 days for NJT and NJDOT approvals, 90 days for bidding and 60 day from contract award. Construction is anticipated in the summer of 2021 however it could proceed as soon as winter of 2021.

Gas Tanks @ Brook Alley Garage





Central Field House (Lincoln Ave Side)





NJIB ROAD PAVEMENT PROJECT			
Street Name	Paving Limits From	Paving Limits To	Notes
Berwyn Street	Oakwood Ave	E.O. Border	Completed - 2020
Bradford Street	Alden St	Washington St	Completed - 2020
Cary Street	Scotland Rd	Lafayette St	Completed - 2020
Clairmont Terrace	Sylvan Way	S. Center St	Completed - 2020
Hickory Street	Freeway Dr E	Central Ave	Reconstruction
Hillside Avenue	Scotland Rd	W.O. Border	Completed
Mitchell Street	Scotland Rd	W.O. Border	Ready for Milling/Paving
Nassau Street	Scotland Rd	S. Valley Rd	Completed - 2020
New Street	N. Day St	Park St	Completed - 2020
North Day Street	Park Ave	William St	Completed -2020
Oxford Street	S. Center St	Olcott St	Reconstruction
South Jefferson Street	McChesney St	Mitchell St	Completed - 2020
Tony Galento Plaza	Main St	S. Essex Ave	Completed - 2020
Washington Street	Dodd St	N. Center St	Completed - 2020
White Street	N. Day St	W.O. Border	Completed - 2020
Carteret Place	Highland Ave	Central Ave	Completed - 2020
Highland Avenue	Olcott St	Scotland Rd	Completed -2020
Lafayette Street	Cary St	Joyce St	Completed - 2020
South Day Street	Main St	Henry St	Ready for Milling/Paving
Thomas Boulevard	Dodd St	Thomas Blvd Bridge	Completed - 2020
Thomas Street	Coogan Ave	Carroll St	SUEZ/Shauger
Watchung Avenue	Alden St	Park Ave	Ready for Milling/Paving
Tremont Place	Tremont Ave	Tremont Ave	Reconstruction
Gist Place	Cleveland St	N. Day St	Completed - 2019
Olcott Street	E. Highland Ave	Reynolds St	Completed - 2019
South Essex Avenue	Central Ave	Henry St	
Reock Street	S. Day St	S. Center St	
Stirling Avenue	Mosswood Ave	Stirling Dr E	
Stirling Drive East	Stirling Ave	Stirling Dr W	
Stirling Drive West	Stirling Ave	Stirling Ave	
Walsh Avenue	Coogan Ave	Burnside St	
NJDOT'19 ROAD PAVEMENT PROJECT			
Christopher Street	Scotland Rd	Valley St	
Forest Street	Scotland Rd	W.O. Border	
Merrill Court	Summer St	Dead End	
NJDOT'20 ROAD PAVEMENT PROJECT			
Hickory Street	Central Ave	Reynolds St	

North Day Street	Park Ave	Washington St	
BOND ORD.#52-2019 ROAD PAVEMENT PROJECT			
Lincoln Avenue	Central Ave	Heywood Ave	
South Center Street	Central Ave	Tremont Ave	

Key:

Color:	Description:	Color:	Description:
	Ready for Milling and Paving		Concrete Work Restoration & Milling/Paving
	Pending/Eliminated		Full Reconstruction
	Completed Concrete/Paving		Schedule for Video/SUEZ