



# TOWNSHIP OF HOWELL

## DEPARTMENT OF COMMUNITY DEVELOPMENT & LAND USE

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### TOWNSHIP OF HOWELL ENGINEERING PROJECTS STATUS REPORT NOVEMBER 1, 2016

#### A. MUNICIPAL CAPITAL PROJECTS

##### 1. Sunset/Blake Drive Drainage Improvements

The low points on Blake Drive and Wilson Drive along with the intersections of Wilson & Clark and Sunset & Arlyn Drive all flood during moderate and heavy rainstorms. The existing drainage system needs to be supplemented and/or replaced in certain sections to handle the volume of stormwater required.

*UPDATE 11/01/2016: P&A Construction has completed all of the drainage pipe and the trenches are settling as planned. The concrete curb and apron work is complete with the exception of a small section of Clark Drive which was expanded during construction. Based on the weather holding out we are expecting to mill and pave each road within the limits before Thanksgiving.*

##### 2. Improvements to Kent Road Curves

The pavement through the S-curve along Kent Road just north and south of Brown Road has deteriorated over the years and will require full reconstruction. The existing cross slope of the road will be replaced with a superelevated curve to meet DOT design standards. The preliminary scope includes slight curve realignment, superelevation, drainage installation, partial curb work and full pavement reconstruction.

*UPDATE 11/01/2016: Lucas Brothers has completed the project as scheduled. The final product is a major improvement to the area. The police department has been aggressively targeting speeding motorists and will continue to do so. The project will be moved to the completed items list for the next update.*

##### 3. Improvements to Larrabee Boulevard

This neighborhood in the southern section of town includes Larrabee, Shetland, Station and Waverly. All of the roads will require full reconstruction including drainage installation. Lack of drainage in the area presents a coordination problem as the natural flow of water leads to County Route 547. There is no drainage system on 547 and there are isolated low points so just repaving would exacerbate the ponding. The County has been contacted to start review of 547 for possible drainage system installation.

*UPDATE 11/01/2016: Lucas Brothers has completed the project as scheduled. The final product connected both sides of Waverly Place and installed curb and drainage throughout the area. The landscaping work was completed in late September and the*

*signs were done in October. The project will be moved to the completed items list for the next update.*

4. 2015 Capital to the Coast Trail

The Capital to the Coast Trail is 55+ mile long bicycle/walking trail that partially connects Trenton and Manasquan. A large section of the trail is proposed through Howell Township and some sections have already been completed. We are currently looking to finalize a route through Howell, specifically the section between the Manasquan Reservoir and Wall Township. The trail currently extends from the Reservoir over to Oak Glen Park. The next logical phase would be to connect Oak Glen Park to Soldier Memorial Park through the township owned Bear Swamp. In order to make this connection, the trail must cross Interstate 195, the New Jersey Transit owned active freight rail line, and at least 2 or 3 possible stream crossings. This project will identify the most logical route to extend the trail and determine the planning, design and permitting costs associated with these obstacles. The initial planning phase is underway and recommendations are expected in Fall 2015.

*UPDATE 08/16/2016: The Lake Restoration & Wildlife Committee provided some opposition to the planning document as the report recommended using existing trails throughout the swamp to minimize environmental impacts. Improving the existing trails would limit the extensive permitting required if we had to blaze new trails through the woods. The group wants to utilize these trails as horse trails only and would rather see the common-use trail constructed along the NJ Water Supply Authority easement through the Howell Park golf course. This route was rejected by the Authority and County many years ago. We will need to continue discussions regarding a proposed route.*

*UPDATE 11/01/2016: No update. Awaiting Council direction.*

5. 2015-2016 Curb and Sidewalk Program

This program will allow the Department of Public Works and Department of Community Development to address emergency repairs to curb, ADA ramps and driveway aprons within the Township right-of-way. This will be utilized in areas not planned for major capital paving improvements. The project specifications were designed in-house and bids were opened on July 14<sup>th</sup> and awarded on July 20<sup>th</sup> at the Council Meeting. Construction has begun with the replacement of the sidewalk at the Howell Park and Ride. The contractor will continue working in different areas of the Township until the project funds are expended.

*UPDATE 11/01/2016: JADS Construction Inc. has completed the items that were originally on the list of repairs. Due to the NJAW project to replace water mains in Salem Hill, JADS has been redirected over there to follow the water main installation and replace all deteriorating sections of curb and aprons. The areas of Pinewood, Laurel, Greymoor, Southport and Stockton have been completed and is awaiting*

*repaving by NJAW. JADS is currently on Newbury and Salem Hill working to replace the concrete and once they are done, NJAW will repave that area too.*

6. 2014-2015 CDBG Program – Township Park Accessibility

The intent of the project is to construct asphalt pathways from existing and proposed accessible parking stalls over to bleachers, other spectator viewing areas, playgrounds and concession facilities. The paths will terminate with asphalt pads adjacent to the bleachers which will provide unobstructed lines of sight to watch sporting events at those fields. The paths will also connect parking areas with concessions stands and playgrounds so people will be able to access these areas with ease. The goal of this project selected by the Citizens Participation Committee is to eliminate any physical barriers for people with disabilities from participating and/or viewing a sporting event in our major township parks. This project will not create a pathway in every park in every location but will provide access in some of the most heavily utilized parks. The project is currently under design and will be sent to the County CDBG representatives for review and comment by September 15th. Based on the length of the review period, the construction is expected to begin in Spring 2016.

*UPDATE 11/01/2016: Mixalia Enterprises, Inc. of Shrewsbury, NJ has been working on the parks since July. Everything is substantially complete with the exception of miscellaneous drainage work that was added at Oak Glen Park. The project should be complete within the next week.*

7. 2015 Dredging Program – Aldrich Lake & Lake Louise

The Township is responsible for the maintenance and upkeep of 4 major water bodies and 2 smaller lakes/ponds. Of the four large water bodies, the Council has authorized the design and permitting costs associated with Aldrich Lake and Lake Louise. Once the extensive design documents are complete and permits are in-hand from NJDEP, we will request construction funding in the 2016 Budget to perform the actual dredging work. There is a possibility of utilizing shared services with Monmouth County to reduce the costs of dredging, however all soil testing, permitting and design must be funded by the Township. The project is currently under design and a permit submission package is expected in early Fall 2015.

*UPDATE 11/01/2016: After review of the preliminary designs and cost estimates, the Council has decided to move forward with sampling for Aldrich Lake. Full sampling was completed in September as scheduled and the results have determined that the material will be classified as un-regulated and potentially able to be beneficially reused. We will make a 2017 Capital budget request for funding this work.*

8. 2016 Capital Program #1 – Mill & Overlay

Capital Program #1 is currently under design and is scheduled to be advertised on June 20<sup>th</sup>. If everything goes smooth with bidding, the bids will be opened on July 6<sup>th</sup> and awarded on July 11<sup>th</sup> at the Council Meeting. Construction would begin around August or September. The project will utilize traditional mill and overlay processes to resurface the roadways.

Roads included in this project are:

Street Name	From	To
Pinewood Road	Poppy Lane	Aldrich Road
Flannigan Drive	Entire Length	
Friendship Road	New Friendship Road	Cherry Tree Circle
Glen Arden Drive	Liberty Court	Powder Horn Drive
Sunnyside Road	Route 9	House #12
Havens Bridge Road	Intersection of County Route 524 only	
Arlyn Drive	Clark Drive	Alan Terrace
Wisteria Place	Entire Length	
Evergreen Place	Entire Length	
Buttercup Lane	Entire Length	
Godell Drive	Entire Length (added during construction)	

*UPDATE 11/01/2016: S. Brothers General Contractors of South River, NJ has been diligently working on this project since August. Everything is working out as planned and we added Godell Drive to the project based on our concerns that the pavement there wouldn't last through the winter. Final paving is scheduled for November 2<sup>nd</sup> and miscellaneous work will be completed throughout the next few weeks. All mainline paving on the roads listed is completed.*

9. 2016 Capital Program #2 – Woodstone & Oak Glen

Capital Program #2 is currently under design and is scheduled to be advertised on June 16<sup>th</sup>. If everything goes smooth with bidding, the bids will be opened on July 6<sup>th</sup> and awarded on July 11<sup>th</sup> at the Council Meeting. Construction would begin around August or September. The project will utilize traditional mill and overlay processes to resurface the roadways.

This project is being broken down into a base bid and alternate bid. Depending on the bid prices and the amount of funding available, we may or may not award the alternate. The worst pavement and drainage areas were chosen for the base bid.

Roads included in this project are:

Street Name	From	To
<b>Base Bid</b>		
Kiwi Loop	Entire Length	
Fern Hollow Road	Entire Length	
Sweetbriar Trail	Snowdrift Lane	Kiwi Loop
Talcott Road	Entire Length	
Markwood Drive	Talcott Road	Winsted Drive
Berkshire Drive	Markwood Drive	Mendon Lane
Winsted Drive	Berkshire Drive	Mendon Lane
<b>Alternate Bid</b>		
Markwood Drive	Old Bridge Drive	Talcott Road
Berkshire Drive	Mendon Drive	Winsted Drive

*UPDATE 11/01/2016: Mecco Inc. of Clarksburg, NJ has been working on the project since late August and is substantially complete. Due to multiple projects being completed under budget, we have decided to add Mendon, Stowe, Stratton and Winsted to this project. Concrete work is scheduled to start on November 14<sup>th</sup> and paving will follow in early December if the weather cooperates. If things turn cold, we may just patch the worst areas to get us through the winter and follow with repaving in the spring.*

10. 2016 Capital Program #3 – Aldrich Estates

Capital Program #3 is currently under design and is scheduled to be advertised on June 20<sup>th</sup>. If everything goes smooth with bidding, the bids will be opened on July 6<sup>th</sup> and awarded on July 11<sup>th</sup> at the Council Meeting. Construction would begin around September. The drainage system will be reconstructed in this project and additional drainage inlets will be added to eliminate localized roadway flooding during heavy rainstorms. Due to the advanced degradation of the pavement and curb, full reconstruction will be required on some of the roadways.

Roads included in this project are:

Street Name	From	To
Aldrich Drive	Aldrich Road	Lawrence Avenue
Lake Drive	Aldrich Road	Lawrence Avenue
Lawrence Avenue	Lake Drive	Aldrich Drive
Marion Avenue	Entire Length	

*UPDATE 11/01/2016: S. Brothers General Contractors of South River, NJ has been working on the project since September. New Jersey Natural Gas replaced a gas main*

*on Lake Drive and New Jersey American Water replaced their water mains throughout the limits of construction. Drainage, concrete curb, aprons and sidewalk have been substantially completed on Lake Drive and drainage replacement is underway on Marion Avenue. Work will continue throughout November to finish the drainage work and follow up with concrete replacement on Marion. Depending on the weather and trench settlement, we may base pave the area in early December and hold off on final paving until the Spring to ensure a better final product.*

11. 2016 Capital Program #4 – Church Road (NJDOT Municipal Aid)

The Howell engineering staff prepared a grant application in 2015 and the Township was awarded \$250,000 under the 2016 NJDOT Municipal Aid program. The project will include minor drainage improvements, pavement repair, overall pavement resurfacing and miscellaneous restoration. The overall limit of construction will be from Kent Road to the Jackson Township border or approximately 0.8 miles. The project will be advertised for bid on June 17<sup>th</sup> and we anticipate awarding a contract at the July 11<sup>th</sup> Council Meeting. Construction may begin sometime in September.

*UPDATE 11/01/2016: The project was awarded to Earle Asphalt Company of Farmingdale, NJ on July 11<sup>th</sup> as scheduled but was put on hold due to the governor's executive order related to the Transportation Trust Fund (TTF). We have received the rescission of that order but are still awaiting concurrence from NJDOT project managers to move forward. At this time we are not sure that we will get this project started before the winter.*

12. Freewood Acres & Route 9 Sewer Project

The purpose of this project is to provide sanitary sewers within Freewood Acres & Route 9 in an effort to improve the health, safety and welfare of the residents and businesses in this region. This will be the largest capital project ever undertaken by the Township. The plans are complete and have been submitted to the New Jersey Department of Environmental Protection (NJDEP) for approval and New Jersey Environmental Infrastructure Trust (NJEIT) for low interest financing. We are expecting the review process to continue throughout the fall of 2016. If all goes smooth, we anticipate bidding the project this coming winter and possibly starting construction in the spring or summer of 2017.

The project will include Freewood Acres on both sides of Route 9 and also Route 9 northbound from West Farms Road to Casino Drive.

*UPDATE 11/01/2016: The Township held a public hearing on September 12<sup>th</sup> to review the latest progress with the plans. Some minor revisions were made to the plans based on that meeting and everything has been resubmitted to NJEIT/NJDEP for review. We received MRRSA approval on October 19<sup>th</sup> and are awaiting OCUA now.*

13. 2016 Pipe Replacement Program

The Township decided to perform drainage repairs/replacements on failing drainage systems throughout the Township that are not otherwise part of a paving program. The work will include replacement of deteriorating corrugated metal pipes, cleaning of clogged systems and underground storage system installation in areas of minimal pipe networks.

*UPDATE 11/01/2016: Precise Construction Inc. of Freehold, NJ has completed the project ahead of schedule. We added one (1) additional crossing to the project on Crow Hill Road due to constant sinkholes from a rotted corrugated metal pipe. The other work included crossings on Five Points Road, Crow Hill Road, Howell Road, Locust Avenue at Maxim Southard, Friendship Road, Easy Street at Newtons Corner, Newtons Corner at Roberta Drive and two (2) crossings on Fort Plains Road. The project will be moved to the completed projects list for the next update.*

**B. MONMOUTH COUNTY LEAD PROJECTS**

1. County Route 524 (Adelphia Road) and Ketchum Road

The County will be realigning this intersection to remove the sharp curve and create a smooth transition into and out of the intersection near Our House Restaurant. GPI is currently working on the design plans for the County. The Township notified the County of a flooding problem that exists on the westbound lane in front of house #448. The County stated that they would review the situation and incorporate any additional drainage installation that may be necessary.

*UPDATE 05/24/2016: The County is anticipating that bidding and construction may begin in late 2016.*

*UPDATE 11/01/2016: No update at this time.*

**C. NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT) PROJECTS**

1. Resurfacing of Route 9 from Georgia Tavern Road to Freehold Borough

The NJDOT will be resurfacing Route 9 in both directions between the areas listed above.

*UPDATE 11/01/2016: Stavola Contracting has completed the project at this time.*

2. Route 33 & 34 Eastbound Bridge Replacement over the Southern Division Railroad

The NJDOT fast tracked a project to replace a deteriorating bridge over the railroad tracks adjacent to Collingwood Auction. The highway was reduced to one lane of travel in each direction for 17 days as the bridge deck was removed and replaced. The work is substantially complete at this time.

**D. NEW JERSEY AMERICAN WATER COMPANY (NJAW) PROJECTS**

1. Salem Hill/Candlewood Infrastructure Improvements

NJAW has chosen this area to begin replacement aging water pipes that continually have leaks and require constant repair. They will be installing all new 8” ductile iron water mains to start and once the main is tested and approved, they will begin replacing service connections from the main over to the water meters. The Township is coordinating with the water company and will replace broken curbs and driveway aprons as needed. Once the service connections and concrete work is complete, NJAW will fully repave each road in which they installed water mains. Pipe construction has already begun and will continue through September. Paving may or may not happen this fall depending on the speed of construction and winter weather.

The initial roads affected by this construction are as follows:

Phase 1		
Street Name	From	To
Pinewood Road	Aldrich Road	Southport Drive
Laurel Court	Entire Length	
Greymoor Road	Entire Length	
Southport Drive	Entire Length	

Phase 2		
Street Name	From	To
Salem Hill Road	Route 9	Chestnut Hill Road
Newbury Road	Salem Hill Road	2 <sup>nd</sup> intersection of Tauton Drive

UPDATE 11/01/2016: *Water mains in all of the roads listed above are complete. We are following with our own curb contractor as stated above and once all of the services are replaced, NJAW will mill and repave each road.*



**D. COMPLETED PROJECTS (Within the last +/- year)**

1. County Bridge HL-08 – Havens Bridge Road
2. 2015 Capital Program #1 – Full Depth Reclamation (FDR)
3. 2015 Capital Program #2 – Mill and Overlay
4. 2015 Capital Program #3 – Kent Road Reconstruction

Should you have any questions, please do not hesitate to call this office.

Very truly yours,

**TOWNSHIP OF HOWELL – DIVISION OF ENGINEERING**

James R. Herrman, P.E., C.M.E.  
Director of Community Development