



TOWNSHIP OF HOWELL

DEPARTMENT OF COMMUNITY DEVELOPMENT & LAND USE

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TOWNSHIP OF HOWELL ENGINEERING PROJECTS STATUS REPORT AUGUST 15, 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 08/15/2016: P&A Construction installed the final sections of drainage pipe last week. Curb work is on-going and will continue for the next few weeks. Once the trenches have had time to settle the contractor will return to mill and overlay each road within the project limits.

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 08/15/2016: Lucas Brothers is right on schedule and the project is nearly complete. Miscellaneous restoration will continue this week and final paving is tentatively scheduled for August 22nd and 23rd. Final cleanup will occur after paving and the road is expected to be open by August 26th.

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 08/15/2016: Lucas Brothers is substantially complete with construction. Landscaping work is still required around the detention basin but the contractor is waiting until the growing season in mid-September to avoid the summer heat from killing the newly planted shrubs and trees.

4. 2015 Capital Program #1 – Full Depth Reclamation (FDR)

Capital Program #1 is currently under design and is scheduled to be advertised on July 28th. If everything goes smooth with bidding, the bids will be opened on August 11th and awarded on August 17th at the Council Meeting. Construction would begin around September. The project will continue Howell Township’s utilization of alternative construction technologies to increase the amount of lane-miles that can be reconstructed as evident in the last three (3) programs of this type.

Roads included in this project are:

| Neighborhood #1 – Ardmore Estates | | |
|--|---------------|----------|
| Delmore Road | Entire length | Complete |
| Elmore Road | Entire length | Complete |
| Kenmore Road | Entire length | Complete |
| Skidmore Road | Entire length | Complete |
| Strathmore Road | Entire length | Complete |
| Traymore Road | Entire length | Complete |

| Neighborhood #2 – Lake Louise Development | | |
|--|---------------|----------|
| Lakeview Drive | Entire length | Complete |
| Laurel Place | Entire length | Complete |
| Willow Avenue | Entire length | Complete |

| Neighborhood #3 – Windeler Development | | |
|---|---------------|----------|
| Charles Street | Entire length | Complete |
| East Midland Boulevard | Entire length | Complete |
| Midland Boulevard | Entire length | Complete |
| Overlook Terrace | Entire length | Complete |
| Stuart Street | Entire length | Complete |

| Miscellaneous Roadways | | |
|-------------------------------|--|----------|
| Colts Neck Road | Route 33 north to dead end | Complete |
| Maida Lane | Entire length | Complete |
| Maxim Road | RR tracks to Route 547 | Complete |
| Preventorium Road | Route 524A to golf course right-of-way | Complete |
| Bennett Road | Vanderveer to Fairfield | Complete |

UPDATE 08/15/2016: Stavola Contracting reconstructed certain areas of Bennett Road last week to remove deficiencies that occurred during initial construction. The project is now complete and will be closed out at the September Council meeting. Will move this project to completed items for next update.

5. 2015 Capital Program #2 – Mill and Overlay

Capital Program #2 is currently under design and is scheduled to be advertised on July 28th. If everything goes smooth with bidding, the bids will be opened on August 11th and awarded on August 17th at the Council Meeting. Construction would begin around September. The project will utilize traditional mill and overlay processes to resurface the roadways.

Roads included in this project are:

| Neighborhood #1 – Parkway Pines in Ramtown | | |
|---|---------------|----------|
| Alan Terrace | Entire length | Complete |
| Lockwood Avenue | Entire length | Complete |
| Oak Terrace | Entire length | Complete |
| Roberta Drive | Entire length | Complete |

| Neighborhood #2 – Candlewood | | |
|-------------------------------------|---------------|----------|
| Beacon Drive | Entire length | Complete |
| Livingston Drive | Entire length | Complete |
| Meadowbrook Drive | Entire length | Complete |
| Putnam Road | Entire length | Complete |

| Neighborhood #3 – Salem Hill | | |
|-------------------------------------|---------------|----------|
| Arlington Drive | Entire length | Complete |
| Southgate Drive | Entire length | Complete |

| Neighborhood #4 – Pointe of Woods | | |
|--|--|----------|
| Point of Woods Drive | Rosewood to Cul-de-sac at Sycamore Court | Complete |
| Willow Pond Drive | Entire length | Complete |

| Neighborhood #5 – Howell Hill Estates | | |
|--|---------------|----------|
| Fox Hill Drive | Entire length | Complete |
| Heather Drive | Entire length | Complete |
| Pin Oak Court | Entire length | Complete |

| | | |
|---------------|---------------|----------|
| Rimwood Drive | Entire length | Complete |
|---------------|---------------|----------|

| Miscellaneous Roadways | | |
|------------------------|--|----------|
| Oak Glen Road | Randolph Road to Lakewood-Allenwood Road | Complete |
| Crestview Court | Entire length | Complete |
| Crow Hill Lane | Entire length | Complete |
| Windswept Lane | Five Points Road to 750 feet southeast | Complete |

UPDATE 08/15/2016: *Punch list work was completed by Lucas Brothers and project will be closed out at tonight's Council meeting. Project will be moved to completed items list next update.*

6. 2015 Capital Program #3 – Kent Road Reconstruction

The pavement from Church Road to house # 232 (limit of the other project) has deteriorated and will require a combination of reconstruction and resurfacing. The area behind Wal-Mart will require reconstruction as the northbound lane contains excessive potholes and the southbound lane has drainage problems. In the area south of Lanes Mill Road the roadway will be resurfaced.

UPDATE 08/15/2016: *Fog lines were corrected by Meco Inc. and project is complete. Everything will be closed out at tonight's Council meeting and the project will be moved to the completed items list for the next update.*

7. 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 though 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.

8. 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 be opened on July 14th and awarded on July 20th 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 08/15/2016: 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. Once NJAW is complete, they will return to mill and pave all of the roads within the limits of their project.

9. 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 08/15/2016: Mixalia Enterprises, Inc. of Shrewsbury, NJ has been working on the parks since July. Most of the work is substantially complete with the exception of grading and restoration at each park. This work will continue for next three (3) weeks and the contractor will be issued a punch list at that time.

10. 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 08/15/2016: After review of the preliminary designs and cost estimates, the Council has decided to move forward with sampling for Aldrich Lake. Preliminary sampling work has been completed and full sampling is scheduled to occur in September. Once the soil testing is complete, everything will be submitted to NJDEP for review, approval and permits.

11. 2016 Capital Program #1 – Mill & Overlay

Capital Program #1 is currently under design and is scheduled to be advertised on June 20th. If everything goes smooth with bidding, the bids will be opened on July 6th and awarded on July 11th 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 | |

UPDATE 08/15/2016: The project was awarded to S. Brothers General Contractors of South River, NJ on July 11th as scheduled. Drainage work was completed on Flannigan Drive August 8th, concrete work was completed on Sunnyside Road last week and the contractor is currently replacing concrete curb on Glen Arden Drive. Work will continue around the Township for the next two (2) months.

12. 2016 Capital Program #2 – Woodstone & Oak Glen

Capital Program #2 is currently under design and is scheduled to be advertised on June 16th. If everything goes smooth with bidding, the bids will be opened on July 6th and awarded on July 11th 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 |
|----------------------|------------------|---------------|
| Base Bid | | |
| 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 |
| Alternate Bid | | |
| Markwood Drive | Old Bridge Drive | Talcott Road |
| Berkshire Drive | Mendon Drive | Winsted Drive |

UPDATE 08/15/2016: The project was awarded to Mecos Inc. of Clarksburg, NJ on July 11th as scheduled. Due to favorable bids, the entire project was awarded. Concrete work started today on Talcott Road and will proceed around Berkshire and Markwood for the next few weeks. Once all of the concrete work is completed in the neighborhood, the paving crew will follow and mill and pave each road.

13. 2016 Capital Program #3 – Aldrich Estates

Capital Program #3 is currently under design and is scheduled to be advertised on June 20th. If everything goes smooth with bidding, the bids will be opened on July 6th and awarded on July 11th 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 08/15/2016: The project was awarded to S. Brothers General Contractors of South River, NJ on July 11th as scheduled. Test pits were performed to locate existing utilities and the information has been passed along to each respective utility company. Drainage structures will be ordered and work is expected to begin shortly.

14. 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 17th and we anticipate awarding a contract at the July 11th Council Meeting. Construction may begin sometime in September.

UPDATE 08/15/2016: The project was awarded to Earle Asphalt Company of Farmingdale, NJ on July 11th as scheduled, pending approval of the NJDOT. Since this project was partially funded by a Transportation Trust Fund (TTF) grant, we are currently on hold. We will await the direction of the NJDOT prior to moving forward.

15. 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 08/15/2016: The NJEIT is requiring Howell Township to hold a public hearing to discuss our project due to the request for their funds. This meeting will be held on September 12th at 5:00 pm and will be run by the professionals, not the Council members. This will be an opportunity to ask questions but no decisions will be made at this meeting. We are currently working on revising our Frequently Asked Questions document that was first posted in February 2015 to finalize all of the details for the project. This will involve issues like mandatory connections, fees and possible waivers of such, scope of work, etc. We will attempt to have this document complete and ready for review by the Council in October.

16. 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 08/15/2016: The project was awarded to Precise Construction Inc. of Freehold, NJ on July 11th as scheduled. Initial shop drawings have been submitted and drainage structures were ordered. Drainage work is expected to begin on Crow Hill Road on August 29th.

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.

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 08/15/2016: Stavola Contracting has performed most of the mainline paving at this time. There are still some side streets that require repaving and that work will continue for the next few weeks.

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 nd intersection of Tauton Drive |

UPDATE 08/15/2016: Water mains have been installed throughout Phase 1 and are 75% complete in Phase 2. Once the mains have been sterilized, tested and certified, NJAW’s contractor will return to start replacing water services to each residence. 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. 2014 Capital Program #5 – Georgia Tavern Road
2. County Route 524A (Squankum Yellowbrook Road) and West Farms Road
3. County Bridge HL-08 – Havens Bridge Road

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