



# TOWNSHIP OF HOWELL

## DEPARTMENT OF COMMUNITY DEVELOPMENT & LAND USE

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### TOWNSHIP OF HOWELL ENGINEERING PROJECTS STATUS REPORT OCTOBER 30, 2014

#### A. MUNICIPAL CAPITAL PROJECTS

##### 1. Improvements to Ford Road – Phase VII

Project is a continuation of the large drainage system installation along Ford Road. Limits will be from the intersection of Kent Road to the end of Phase VI which is roughly 400 feet west of Brown Road for a total project length of approximately 1,000 feet. This will complete the stretch of Ford Road from Kent to Irene Boulevard, leaving the section between Irene and Route 9 for future phases. Funding for the current section will be supplemented by Capital Funds due to the rapid deterioration of the existing pavement.

Project received Monmouth County Engineering approval in August and the project funding was actually increased by the County from \$126,658 to \$153,233 in September. Final release from HUD has been delayed due to the Federal Government shutdown.

*UPDATE 10/30/2014: Project is 99% complete. Contractor has to address miscellaneous items on the punch list prior to close-out.*

##### 2. 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 10/30/2014: Construction documents are 98% complete. Coordination with outside agencies is on-going. Water main replacement is being designed and coordination with Brick Township is underway.*

##### 3. 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 10/30/2014: Construction documents are 99% complete. Easement acquisition is progressing but we still need a few more. Once all easements are obtained, project will proceed to bidding.*

4. 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 10/30/2014: Preliminary concepts are complete. The County is currently reviewing the concepts. The overall concept might change based on their comments.*

5. 2014 Capital Program #1 – Full Depth Reclamation (FDR)

Capital Program #1 was awarded at the Township Council meeting on June 24<sup>th</sup> to Earle Asphalt Co. of Farmingdale, NJ. 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 two (2) programs of this type.

Roads included in this project are:

<b>Neighborhood #1 – Sylvan Gardens</b>		
Albert Street	Entire length	Complete
Bertan Avenue	Entire length	Complete
Lewis Street	Entire length	Complete
Solomon Street	Entire length	Complete
Sylvan Boulevard	Entire length	Complete

<b>Neighborhood #2 – Land O' Pines</b>		
Elm Road	Entire length	Paved
Fern Road	Entire length	Complete
Hemlock Road	Entire length	Paving set for 10/30
Locust Road	Entire length	Complete
Pine Road	Entire length	Paving set for 10/30
Spruce Road	Entire length	Complete

<b>Neighborhood #3 – Lake Edge Development</b>		
Addison Road	Aldrich Road to curve near Route 195	Concrete work 90% complete, pavement reconstruction to start week of 11/10
Bock Boulevard	Entire length	Concrete work complete, pavement reconstruction to start week of 11/3
Cooper Drive	Entire length	Concrete work complete, pavement reconstruction underway
Lori Lane	Entire length	Concrete work complete, pavement reconstruction underway

<b>Neighborhood #4 – Freewood Acres Neighborhood</b>		
West 5 <sup>th</sup> Street	Smith Street to the dead end	Concrete and drainage work complete, gas main relocations on-going, pavement reconstruction to start week of 11/17
Intersections of Smith Street and West 3 <sup>rd</sup> , West 4 <sup>th</sup> , West 6 <sup>th</sup> & Freewood Street		Concrete and drainage work complete, gas main relocations on-going, pavement reconstruction to start week of 11/17

*UPDATE 10/30/2014: See updates on each street shown above. Minor punch list items will still be addressed on the roads shown as complete.*

6. 2014 Capital Program #2 – Mill and Overlay

Capital Program #2 was awarded at the Township Council meeting on June 24<sup>th</sup> to Earle Asphalt Co. of Farmingdale, NJ. The project will utilize traditional mill and overlay processes to resurface the roadways.

Roads included in this project are:

<b>Neighborhood #1 – Ramtown Area</b>		
Burton Drive	Entire length	Complete
Conifer Street	Entire length	Complete
Pine Needle Street	Entire length	Complete

Orchard Court	Entire length	Complete
Teaberry Lane	Patches Only	Complete
Wilson Drive	Lockwood Avenue to Clark Drive	Complete

Neighborhood #2 – Candlewood Development		
Brunswick Circle	Entire length	Complete
Brunswick Drive	Entire length	Complete
North Longview Road	Entire length	Complete

Neighborhood #3 – Winston Park		
Bass Place	Entire length	Gas main replacement underway. Concrete work tentatively scheduled to start mid-November, weather dependent.
Carol Lane	Entire length	
Maple Place	Entire length	
Redwood Road	Entire length	
Stanley Boulevard	Entire length	
Woodside Drive	Entire length	

***UPDATE 10/30/2014:** See updates on each street shown above. Minor punch list items will still be addressed on the roads shown as complete. Survey work is being completed on intersections that hold water to determine proper fix.*

7. 2014 Capital Program #3 – Reconstruction

Capital Program #3 is expected to be awarded at the Township Council meeting on August 12<sup>th</sup> to Precise Construction Inc. of Freehold, NJ. This project will encompass roadways and drainage areas that require full reconstruction and do not meet the criteria for program #1 or #2.

Roads included in this project are:

Neighborhood #1 – Farmingdale Area		
Matthews Street	Entire length	Full reconstruction estimate to start week of 11/24
Shafto Street	Entire length	Drainage & utility work scheduled to begin week of 11/4

<b>Neighborhood #2 – Candlewood Development Drainage</b>
Rear yard drainage system improvements along the Township easement between Salem Hill Road and Darien Road. Supplemental drainage pipes will be installed along the existing trunk line between Brookhill Drive and Hampton Road.
The contractor will start in this area after Neighborhood #1 is complete. Due to saturated ground conditions, excavation won't begin until the ground is colder.

<b>Neighborhood #3 – Oak Glen</b>		
Cherry Bend Drive	Entire length	Underground drainage work to relieve groundwater pressure 90% complete. Full pavement reconstruction tentatively slated to begin week of 11/17
Moss Haven Way	Entire length	
Petal Patch Trail	Entire length	
Quail Tree Lane	Entire length	
Yellowstone Lane	Entire length	

8. 2014 Capital Program #5 – Georgia Tavern Road

The project will include drainage improvements, pavement repair, overall pavement resurfacing and miscellaneous restoration. The overall limit of construction will be from US Highway Route 9 east to the Manasquan Reservoir entrance (approximately 1 mile). This project is partially funded by a NJDOT Municipal Aid Grant (FY2014 - \$220,000).

UPDATE 10/30/2014: The plans have received NJDOT approval. Based on the timing associated with public bidding and the award process, construction will be scheduled for Spring 2015.

9. 2014 Capital Program #6 – Resurfacing

Capital Program #6 is expected to be awarded at the Township Council meeting on August 12<sup>th</sup> to Earle Asphalt Co. of Farmingdale, NJ. This project will utilize traditional mill and overlay type construction methods and was designed in-house.

Roads included in this project are:

<b>Neighborhood #1 – Candlewood Development</b>		
Darien Circle	Entire length	Complete
Kensington Drive	Entire length	Complete

Miscellaneous Areas		
Bergerville Road	Freehold Township line to Spruce Hollow Drive	Complete
Scenic Drive	Route 9 to Long Road	Complete

Neighborhood #2 – Glen Arden			
Cove Court		Entire length	Complete
Deck Court		Entire length	Complete
Tinker Court		Entire length	Complete
Lampost Court *		Entire length	Complete
Street Name	From	To	
Powder Horn Drive	Cove Court	<del>Glenarden Drive</del> Cannon Ball Drive **	Complete
Glenarden Drive	Liberty Court	Revere Court	Complete
Various patches throughout the development ***			Complete

UPDATE 10/30/2014: See updates on each street shown above. Minor punch list items will still be addressed on the roads shown as complete.

\* Lampost Court changed to full resurfacing based on condition of the road base found during originally scheduled patch work construction.

\*\* Powder Horn Drive resurfacing extended beyond original limits due to condition of road base found during construction.

\*\*\* Patch work areas were expanded during construction. Patching was completed in order to make entire development navigable for upcoming winter. Potholes were no longer able to be patched using the spray patcher as the base pavement has failed. Funds spent on patching to make development passable equaled total cost of reconstructing one more large court. Engineering decision was made to make entire development passable rather than leave numerous potholes and reconstruct one more court.

**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.

2. County Route 524A (Squankum Yellowbrook Road) and West Farms Road

The County is planning to install a blinking light at this intersection to improve sight distance and awareness of the stop controlled intersection. GPI is currently working on the design plans for the County. The Township has provided comments on the plans and they are being incorporated into the plan set.

**C. NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT) PROJECTS**1. Resurfacing of Route 9 from Kennedy Boulevard to Moroz Street

The NJDOT has recently reached out to the Township to notify us regarding their plans to resurface Route 9 in both directions between the area listed above. The Township will be providing comments to the design team shortly.

UPDATE 10/30/2014: The project has been awarded to DeFino Contracting and construction will begin in the Spring of 2015. Paving work will be completed at night to minimize interruptions of traffic. NJDOT has incorporated comments made by the Township into their plan set.

2. Guiderail Installation Project – Interstate 195

The NJDOT's consultant has recently reached out to the Township to notify us of preliminary plans to provide median crossover protection on the interstate. Plans have not been completed yet but the Township will be provided with a set once they are complete.

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

1. Improvements to Ford Road – Phase VI
2. Lanes Mill Road – Emergency Resurfacing
3. Starlight Road – Emergency Resurfacing
4. 2013-2014 Curb & Sidewalk Program
5. Aldrich Road East
6. Improvements to Tinton Falls Road

Very truly yours,

**TOWNSHIP OF HOWELL – DIVISION OF ENGINEERING**

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