

**TOWNSHIP OF MARLBORO  
2019/2020 PAVEMENT MANAGEMENT PROGRAM**

We are currently completing the roads that were a part of the 2018/2019 road program [HERE](#).

The following roads were listed in the bid awarded on June 13, 2019:

ARDMORE ROAD  
BOND DRIVE  
BUCKLEY ROAD (HH TRAIL TO MOORE ROAD)  
CHURCH ROAD (TENNENT to FLOYD WYCKOFF)  
CIAFARDINI COURT  
EDIE DRIVE  
FLOYD WYCKOFF DRIVE  
HOOVER COURT  
INGERSOLL ROAD  
JACKSON WAY  
JEAN COURT  
JENSEN COURT  
MARC DRIVE  
MARLBORO ROAD (ROUTE 520 NORTH OF ROUTE 9)  
MONROE DRIVE  
RUBY DRIVE  
STEEPLECHASE DRIVE  
WINDHAM WAY  
YORK ROAD

**ROADS SCHEDULED FOR MILL & FILL WORK IN 2019**

AMHERST ROAD	JACKIE DRIVE
ANNETTE DRIVE	JAMIE COURT
BEACON HILL ROAD*	LINDSAY DRIVE
BROWN ROAD	MC DONALD ROAD
CALDWELL TERRACE	MURRAY HILL TERRACE
CLUBHOUSE LANE	NOLAN ROAD*
COLLINGWOOD ROAD	ORCHARD PARKWAY
COVENTRY TERRACE	ORIEL WAY
DAMASCUS DRIVE	OTTOWA ROAD SOUTH
DEVONSHIRE DRIVE	OWENS ROAD
DICKINSON LANE	PLEASANT VALLEY ROAD*
ESCHER DRIVE	PRINCE EDWARD ROAD EAST
GARY DRIVE	QUEBEC ROAD
GEORGIAN BAY DRIVE	REIDS HILL ROAD*
HARBOR ROAD*	ROBINSON ROAD
HARTMAN ROAD	TIMBER LANE

HASTINGS ROAD  
HERON DRIVE  
JACATA ROAD

TOPANEMUS ROAD\*  
TRUMAN DRIVE  
WESTBROOK DRIVE

**2019/2020 ROAD PROGRAM - SEPARATE BID AND PARTIALLY GRANT FUNDED**

GREENWOOD ROAD (TEXAS ROAD TO DAWES DRIVE)  
PEASLEY DRIVE  
TEXAS ROAD (NJSH 18 TO SPRING VALLEY ROAD)  
TICETOWN ROAD (GREENWOOD ROAD TO MATAWAN)

**The following roadway stabilization project is scheduled for completion in 2019:**

PLEASANT VALLEY ROAD STREAMBANK PHASE II\*

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\*Pending final notification of FEMA grant award

**The following roadways are in engineering design and are scheduled for completion in 2020:**

GREENWOOD PHASE II (TEXAS ROAD TO DAWES DRIVE)\*

TEXAS ROAD PHASE IV (NJSH 18 TO SPRING VALLEY ROAD)\*

TICETOWN ROAD (GREENWOOD ROAD TO MATAWAN)\*

HARBOR ROAD\*\*

WYNCREST ROAD (Robertsville to NJSH 18)\*\*

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\* Project partially funded by NJDOT (See "Funding and Financing" below) which may affect schedule

\*\*Application to NJDOT for funding under FY 2020 cycle (See "Funding and Financing" below) which may affect schedule

**The following drainage and road improvement project is being completed under a separate shared services agreement with Monmouth County:**

Station Road Phase II is a full roadway reconstruction and drainage project between Briarcliff Drive and Crine Road. The project was incorporated into the Township's multi-year capital plan and authorized by the governing body in 2011. The reconstruction project will include the installation of new curbing on both sides of the road, addition of drainage inlets to collect stormwater runoff with discharge to existing culverts, and full depth reconstruction of the roadway with a consistent pavement width. This area of Station Road traverses three (3) Monmouth County drainage structures ("culverts") which are in need of reconstruction. The current invert elevation and

alignment of the culverts result in siltation and blockages which lead to high frequency flooding as well as the deterioration and undermining of the adjacent roadway. This agreement was updated in May 2018 to include additional design services for the design and permitting of culverts ML-18 and ML-19 to modify the size of the proposed culverts and to address existing siltation and erosion occurring at these culverts. The Township Engineer's office has completed the roadway design plans for the roadway and is currently working on the design of the culverts and the permit applications. Once the design plans are complete, land use applications will be submitted to the NJDEP for freshwater wetlands and flood hazard permits. These permits take approximately six (6) months to receive from the NJDEP. It is anticipated that the permit applications will be submitted this spring with construction anticipated to begin in summer or fall 2020. It is anticipated that the permit applications will be submitted this spring with construction anticipated to begin in summer or fall 2020. The preliminary engineer's estimate for the project is \$1,600,000 to be shared between the County and Township.

#### **2019 DATA UPDATE**

Since the initial OCI data was collected in 2004, the Township has both conducted in-field visual inspections and targeted core sampling. In addition, call for service and road opening permit data has been incorporated into the analysis for purposes of identifying problem areas and evaluating wear over time. Call for service and road opening permit data are closely monitored throughout the year for purposes of establishing prioritization in future year road improvement programs.

## **COORDINATION WITH OTHER PROGRAMS**

The Township adopted Ordinance 2018-12 establishing a moratorium for roadway openings for a period of five (5) years after the resurfacing of a roadway. Excavations in moratorium streets are discouraged, and when allowed under emergency circumstances as determined by the Township Engineer and Public Works Director, require a full width roadway restoration with the limits exceeding the area of excavation.

Consistent with this policy for private services and to make the most efficient use of resources, the Township coordinates with the Planning Board and public utilities to time improvements such that the need for road re-openings are minimized. For example, drainage and roadway improvements on Buckley Road are dependent upon the completion of a stormwater detention facility constructed by a private entity which was recently completed. In another example, the Greenwood Road Phase I contract was awarded only after a private stormwater collection pipe, a gas main replacement by New Jersey Natural Gas, and the Western Monmouth Utilities Authority's (WMUA) sewer pump station rehabilitation projects were all completed.

## **FUNDING AND FINANCING**

The Township has appropriated another \$5 million towards road improvements as part of the 2019 capital improvement program, totaling approximately \$10 million in two (2) years. The Township's AAA credit rating ensures that capital improvements are financed at the lowest rates available.

The Township is also utilizing several grants awarded by the NJDOT to supplement its road program as follows:

Township Road	Grant Year	Award
GREENWOOD PHASE II (TEXAS ROAD TO DAWES DRIVE) TEXAS ROAD PHASE IV (NJSH 18 TO SPRING VALLEY ROAD) TICETOWN ROAD (GREENWOOD ROAD TO MATAWAN)	State FY 19	\$300,000
GORDONS CORNER ROAD (NJ 18 TO CR 520) RYAN ROAD (ROBERTSVILLE TO MANALAPAN) UNION HILL ROAD (COMMUTER LOT TO NJ 9)	State FY 18	\$350,000

The Township has applied for funding under the FY 17 and FY 18 CDBG programs for paving in the Greenbriar development, and will submit another application in the FY 19 round. The Township also has a pending application before FEMA for the Pleasant Valley Streambank Phase II project.

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A map reflecting the road improvements completed and those anticipated for 2018-2020 is included as **EXHIBIT B** to this report.

In 2019, the number of requests for service during the first two (2) months of the year declined by 14% over the same period in 2018. In addition, the requests for service are concentrated on fewer streets, a reduction of 24% over 2018. This is attributable in large part due to the size and scope of the 2018 road program, targeted specifically to roads requiring the most maintenance. The 2019 program is similarly targeted to address roads requiring the most maintenance. The roads which will be addressed in 2019 account for more than 50% of the 2019 calls for service. The Township continues to monitor requests for

service data to ensure that the Paving Management Plan is addressing maintenance priorities.

The Pavement Management Plan will be re-evaluated during the Fall of 2019 as part of the Township's 2020 Capital Budget process.