

TOWNSHIP OF WEST MILFORD

Passaic County, New Jersey

~ Resolution 2017 – 080 ~

RESOLUTION OF THE TOWNSHIP OF WEST MILFORD, COUNTY OF PASSAIC, STATE OF NEW JERSEY AUTHORIZING A PROGRESS PAYMENT OF \$30,655 TO BSE MECHANICAL FOR WELL DRILLING ATTEMPTS FOR THE NEW WEST MILFORD TOWNSHIP LIBRARY CONSTRUCTION PROJECT

WHEREAS the Board of Trustees of the West Milford Township Library and the Governing Body of the Township of West Milford have entered into a partnership to build a new \$4,845,000 library facility; and

WHEREAS the new facility's water supply needs were to be met by an existing well on the property; and

WHEREAS in the course of construction it was determined that the existing well would not meet the long-term needs of the facility due to inadequate supply, age, and water quality; and

WHEREAS the Joint Subcommittee comprised of Library Trustees and Council members, in consultation with the Library Director, well professionals, and the project Architect, Engineer, General Contractor, and Clerk of the Works, determined that the facility's immediate consumption needs and the long-term interests of the Township would best be served by drilling a new well for the building while construction was in progress; and

WHEREAS all necessary state and local permits and permit modifications required for drilling a new well for the facility were properly secured; and

WHEREAS the Library Director secured four estimates for the drilling of a new well and the installation of a pump for the well, with estimates based on costs per foot drilled and installed casing; and

WHEREAS BSE Mechanical and J. Olinger Drilling merged their estimates, with BSE providing the pump and project management, and J. Olinger drilling the well as a subcontractor; and

WHEREAS Ferreiro Engineering identified three general locations for drilling a new well that satisfied all local and state regulations; and

WHEREAS consensus was reached by project stakeholders in consultation with project professionals as to which of the three locations would be drilled; and

WHEREAS the first drilling attempt was terminated at 203 feet due to the casing and drive shoe bending and prohibiting further progress; and

WHEREAS a second drilling attempt commenced after all regulatory and re-permitting requirements were met; and

WHEREAS the second drilling attempt encountered ground conditions classified as disintegrating granite, characterized as weathered, porous stone that could not support fractures, and decomposed into a mixture of mud and clay not conducive to anchoring well casing or yielding water; and

WHEREAS the Joint Subcommittee, upon receiving a full summary and analysis of drilling conditions from project professionals, including the Township Hydrogeologist, agreed to halt further drilling at the chosen location at 420 feet; and

WHEREAS no materials or labor cost was incurred for the first drilling attempt due to equipment malfunction; and

WHEREAS costs for the second drilling attempt were incurred as per defined costs per foot; and

WHEREAS additional costs were incurred to properly abandon both well attempts as required by state regulations, remediation of the drilling areas from the mud, silica, and clay generated by the disintegrating granite, and re-permitting costs; and

WHEREAS the Chief Financial Officer has certified to the availability of funds for these costs, said funds to be paid from the remaining balance of the grant appropriation previously approved for this project in account number 04-215-55-824-001,

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the Township of West Milford, County of Passaic and State of New Jersey, as follows:

1. The Township Administrator is hereby authorized to make a progress payment of \$30,655 to BSE Mechanical for the two unsuccessful well drilling attempts.
2. The Township's Chief Financial Officer has certified the availability of funds for same.
3. This resolution shall be available for public inspection in the Office of the Township Clerk.

Adopted: February 15, 2017

Adopted this 15th day of February 2017
and certified as a true copy of an original.

Antoinette Battaglia, Township Clerk