

Town of Monroe



OFFICE OF THE TOWN
ENGINEERING DEPARTMENT
Town Hall
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Letter of Recommendation
Cardinal Engineering Associates, Inc.
99 Colony Street
Meriden, Connecticut 06451

To Whom It May Concern:

The firm of Cardinal Engineering Associates is presently performing on-call engineering services work and preparing roadway reconstruction plans for the Town of Monroe. David P. Arzt, P.E. has been the Project Manager for the on-call engineering services and the following projects for the past 19 years.

The following tasks have been performed as part of the On-Call Engineering Services contract under Mr. Arzt's supervision:

- Site Plan Review
- Subdivision Review
- Soils and Pavement Investigations
- Roadway Design
- Bridge Design
- Construction Inspection
- Surveying
- Field Investigation of and Recommendations for the Mitigation of Drainage Problems
- Hydraulic Studies
- Wetland Analysis and Permit Preparation
- Develop Town Standard Drawings for Roadway and Drainage Construction
- Evaluation and Recommendations for the Repair of the Wolf Park Pool
- Assistance in the Preparation of the MS4 Stormwater Management Plan
- Insure all development in town complies with the new "General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities"

Mr. Arzt was Project Manager for the following roadway reconstruction projects which were designed to ConnDOT Standards and many of which were funded by ConnDOT and coordinated through the Municipal Systems Unit. The projects involved survey, highway design using Context Sensitive Design, structural design, drainage design incorporating water quality and water quantity measures that mitigate the stormwater impacts to the wetlands and the receiving waters, state and local environmental permits

(including DEP Flood Management Certification), public involvement meetings, property and easement maps and construction engineering inspection:

Intersection Improvement Projects:

- Reconstruction of Purdy Hill Road and Old Newtown Road (State Project No. 84-101)
- Intersection Improvements, Judd Road and Hiram Hill Road (State Project No. 84-94)
- Traffic Signal Improvements – Route 25 and Hattertown Road (State Project No. 173-312, Intersection 84-219)

Roadway Reconstruction Projects:

- Reconstruction of Cutlers Farm Road (State Project No. 84-96)
- Reconstruction of Pepper Street, Section I (State Project No. 84-95)
- Reconstruction of Pepper Street, Section III
- Reconstruction of Cottage Street
- Reconstruction of Garder Road
- Reconstruction of Barn Hill Road
- Reconstruction of Lois Circle

Mr. Arzt was Project Manager for the following projects that were funded under ConnDOT's Local Bridge Program and Federal Local Bridge Program. These projects involved obtaining design waivers, hydraulic analysis using HEC-RAS, fish passage design, obtaining DEP Flood Management Certification, and construction engineering inspection:

- Rehabilitation of Bridge No. 084007, Cottage Street over Boys Halfway River
- Replacement of Bridge No. 084013, Maple Drive over West Branch of Pequonnock River
- Replacement of Bridge No. 04928, Bagburn Road over the Halfway River (State Project No. 84-97)

Their work has consistently been of the highest technical and professional caliber. All work has been completed on time and within budget. Close coordination has been required for much of this work. I would recommend Cardinal Engineering Associates to any municipality considering a consulting engineering firm for a similar undertaking.

If you have any questions or would like additional information, feel free to contact me.

Sincerely,



Sherwood Lovejoy, P.E.
Director of Public Works