



JOHN H. ALLGAIR, PE, PP, LS (1983-2001)
DAVID J. SAMUEL, PE, PP, CME
JOHN J. STEFANI, PE, LS, PP, CME
JAY B. CORNELL, PE, PP, CME
MICHAEL J. McCLELLAND, PE, PP, CME
GREGORY R. VALESI, PE, PP, CME

TIMOTHY W. GILLEN, PE, PP, CME
BRUCE M. KOCH, PE, PP, CME
LOUIS J. PLOSKONKA, PE, CME
TREVOR J. TAYLOR, PE, PP, CME
BEHRAM TURAN, PE, LSRP
LAURA J. NEUMANN, PE, PP
DOUGLAS ROHMEYER, PE, CFM, CME
ROBERT J. RUSSO, PE, PP, CME
JOHN J. HESS, PE, PP, CME

January 29, 2020

Mr. Ziad Andrew Shehady, Borough of Red Bank Administrator
Borough of Red Bank
90 Monmouth Street
Red Bank, NJ 07701

**Re: *Proposal for Professional Engineering Services for
Downtown Vehicular Traffic Circulation and On-Street Parking Study
Borough of Red Bank, Monmouth County, New Jersey
Our Proposal No.: 2018-211***

Dear Mr. Shehady:

In response to your request, CME Associates is pleased to present this proposal to assess the traffic patterns and parking in the downtown area within the Borough, as well as evaluate the potential of converting portions of Monmouth/Wall/Water/White Streets into one-way roads.

A. Assessment Phase

Work in this phase will include the following:

- Collect two (2) hours of AM, PM, and Saturday Peak Hour Vehicular Traffic Volume Data through Manual Turning Movement Counts at the following 17 intersections:
 - West Front Street (CR 10) & West Street;
 - West Front Street (CR 10) & Pearl Street (Route 35);
 - West Front Street (CR 10) & Maple Avenue (Route 35);
 - West Front Street (CR 10) & Broad Street;
 - Wall Street & West Street;
 - Wall Street/Water Street (Route 35) & Pearl Street (Route 35);
 - Water Street (Route 35)/White Street & Maple Avenue (Route 35);
 - White Street & Broad Street;
 - Monmouth Street & Bridge Street;
 - Monmouth Street & West Street;
 - Monmouth Street & Pearl Street;
 - Monmouth Street & Maple Avenue (Route 35);



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- Monmouth Street & Broad Street;
- Chestnut Street & West Street;
- Chestnut Street & Maple Avenue (Route 35);
- Reckless Place & Maple Avenue (Route 35); and
- Reckless Place & Broad Street.
- Perform Existing Level of Service, Capacity and Delay Analysis using Highway Capacity Software in accordance with the latest Highway Capacity Manual (HCM).
- Redistribute vehicular traffic volumes to the proposed one-way streets and develop Traffic Signal Phasing and Timing Modification.
- Perform Modified Level of Service, Capacity and Delay Analysis using the Highway Capacity Software in accordance with the HCM.
- Evaluate Impacts to Level of Service, Capacity and Delay Analysis introduced by the one-way streets.
- Perform an existing on-street parking evaluation for Wall Street, Water Street, White Street, and Monmouth Street.
- Review the on-street parking potential after one-way streets are adopted by the Borough and create conceptual on-street parking configurations.
- Evaluate the impacts to the on-street parking introduced by the one-way streets.
- Draft Report summarizing findings.
- Meeting with Borough Stakeholders to discuss findings.
- Revise report and resubmit to Borough.

Total Estimated Fee for Services.....\$59,500.00

The cost per intersection if the Borough of Red Bank chooses to remove/add intersections is \$3,500.

Should this fee estimate meet your approval, please provide our office with a professional services agreement or Resolution as an indication of the work to proceed. In the meantime, should you have any questions concerning this matter, please do not hesitate to contact this office.



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Should you have any questions concerning this matter, please do not hesitate to contact this office.

Very truly yours,

CME ASSOCIATES


Laura J. Neumann, PE, PP
Borough Engineer's Office

LN:rs

cc: Mayor Menna and Borough Council
Clifford Keen, Director of Public Utilities
Peter O'Reilly, Chief Financial Officer