Request for Proposals for Development of Vision for the Route 100 Area in Falmouth, Maine

UPDATE #1, October 14, 2014

Please see below for additional information/clarification regarding the scope and timing of traffic data collection as noted in ATTACHMENT E: ROUTE 100 - TRAFFIC DATA COLLECTION AND ANALYSIS – DETAILED SCOPE.

1. Data Collection:

   a. Turning Movements (12 Hour Counts)

      See below

   b. Tube Counts: 24 hour tube counts will be collected of all turning movement locations

      • MDOT has confirmed that it will generate and provide to the Town turning movements and tube counts at the Leighton Road and Mountain Road/Falmouth Road intersections with Route 100.
      • In addition, MDOT has available 2013 traffic counts for Route 100 north of Mountain Road and south of Hurricane Road,
      • Furthermore, a recent traffic study, conducted by GPI near Maine Turnpike Exit 53, which provides additional data. See attached excerpt from that report. Note: This work did not include tube counts.
      • Consultants may wish to propose additional traffic counting in their proposals. Please note that MDOT has informed the Town that any such counts must be completed by November 21, 2014. ¹
      • If additional counts are proposed at Route 100/Turnpike Interchange intersection, MDOT requires 12 hour turning movement counts (similar to the Leighton Road and Mountain Road counts).

   c. Speed Delay Study: Speed and delay data will be collected over a three day period so that there will be two AM, Noon and PM peak periods. This will be used in determining the existing Level of Service for roadway segments.

1 The Town’s review team hopes to be able to recommend a consultant to the Town Council on November 6 and announce a Council decision on the selected consultant firm on November 11, 2014.
• MDOT has informed the Town that the speed study should be completed before the November 21st cut-off date. See also footnote 1.

All consultants are advised to include all of the required work of attachment E in their proposals. If, after contract commencement, the Town, MDOT and selected consultant arrive a different scope of work, adjustments in scope and/or price may be made.
FEASIBILITY STUDY, FALMOUTH, MAINE
FEASIBILITY STUDY, FALMOUTH, MAINE

ADJUSTMENTS
SEASONAL: \( \frac{100}{0.87} = 1.15 \)
ANNUAL: \( (1.005)^4 = 1.01 \)
OTHER DEVELOPMENT: \( = 1.05 \)
TOTAL: \( (1.15)(1.01)(1.05) = 1.22 \)

ADJUSTMENTS TO ROUTE 100 AND EXIT 53 VOLUMES ONLY

NOTE: EXIT 53 VOLUMES BASED ON 2010 FORECASTS IN FALMOUTH TOWN WIDE STUDY, BALANCED TO SITE VOLUMES