



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.

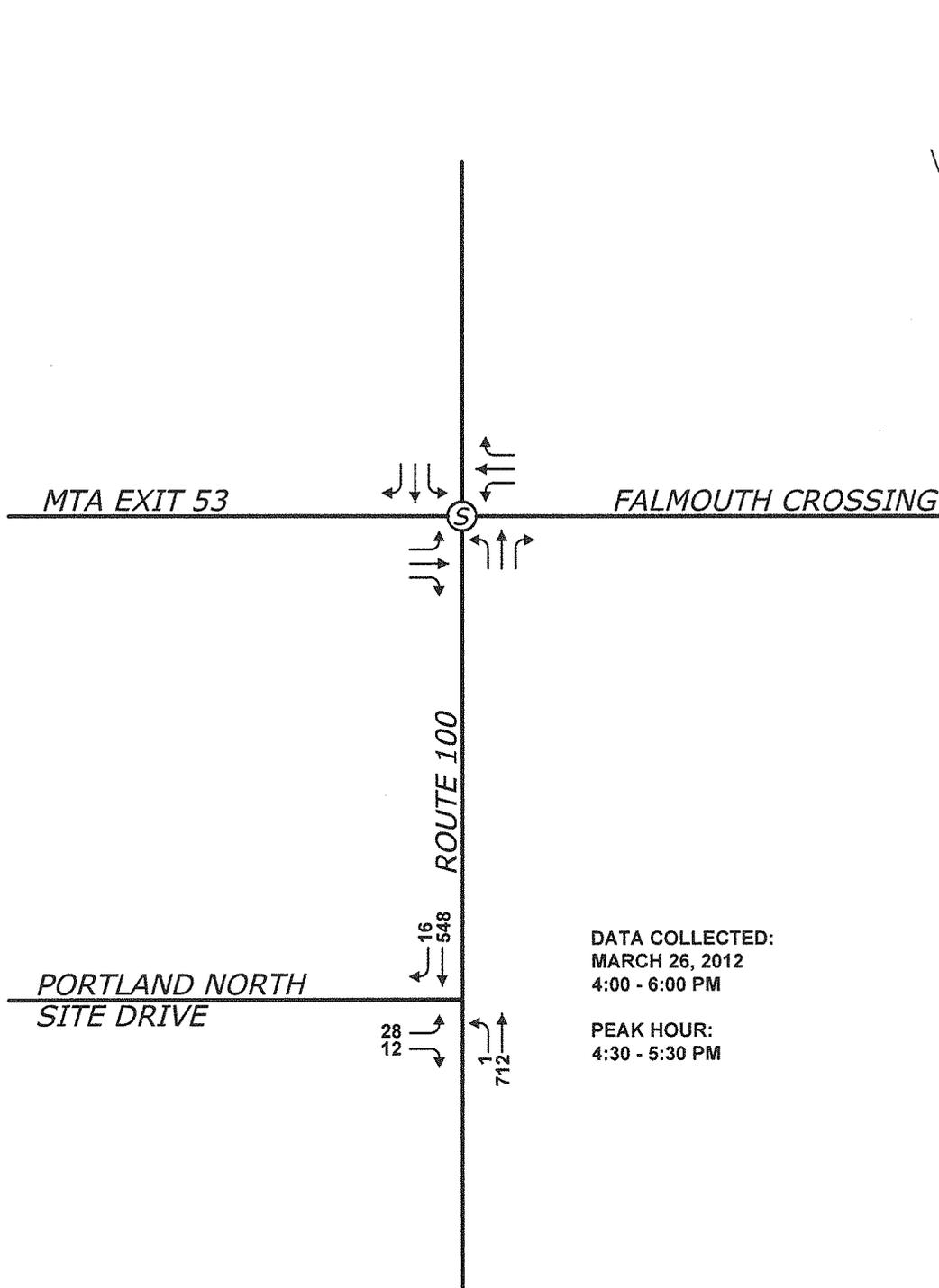
¹ The Town's review team hopes to be able to recommend a consultant to the Town Council on November 6 and announce a Council decision on the selected consultant firm on November 11, 2014.

- **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.

Raw Volumes

Figure No. **1**



DATA COLLECTED:
MARCH 26, 2012
4:00 - 6:00 PM

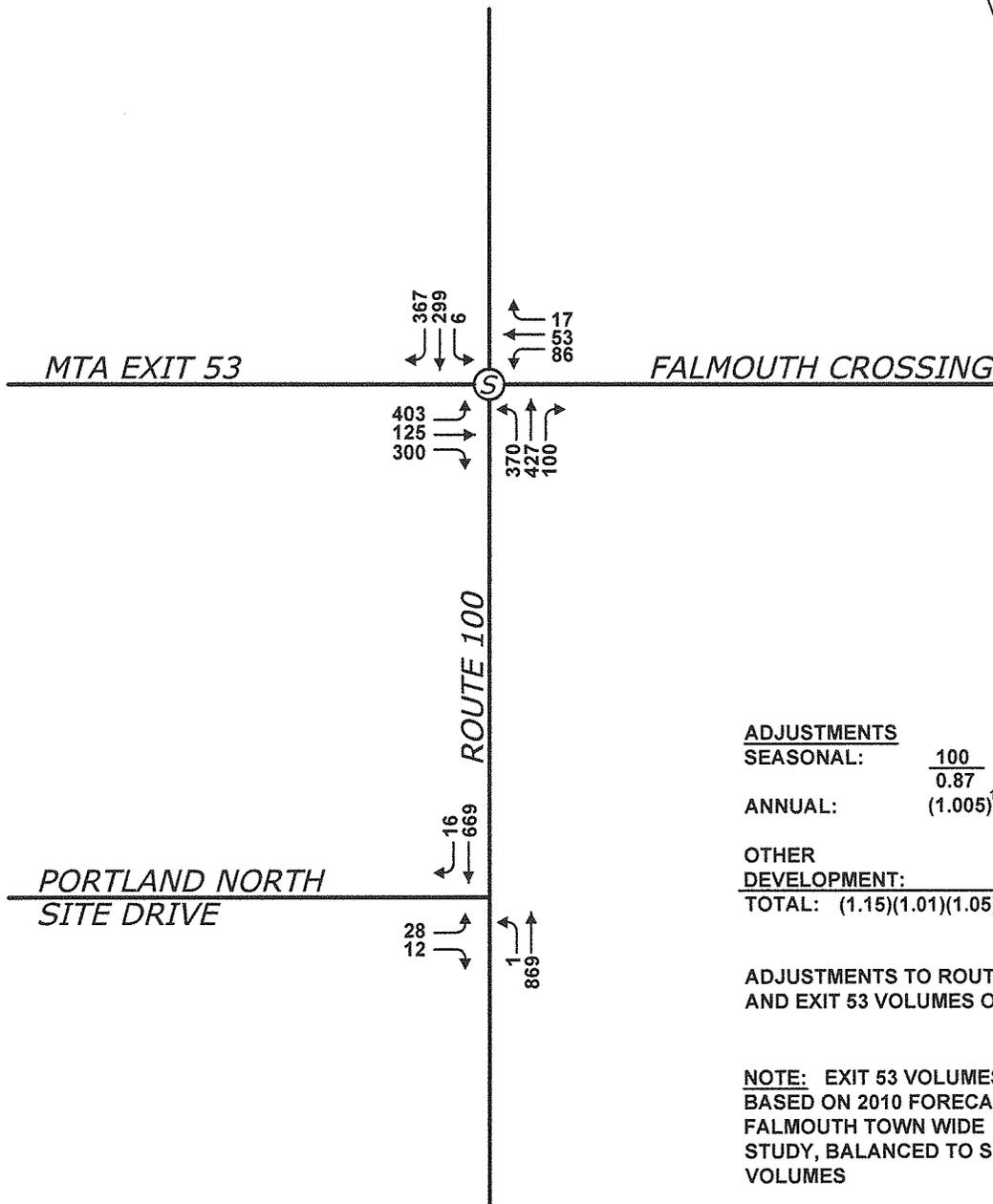
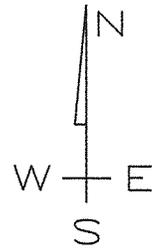
PEAK HOUR:
4:30 - 5:30 PM

PM PEAK HOUR

FEASIBILITY STUDY, FALMOUTH, MAINE

2013 Predevelopment Volumes

Figure No. **2**



ADJUSTMENTS
 SEASONAL: $\frac{100}{0.87} = 1.15$
 ANNUAL: $(1.005)^1 = 1.01$
 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

PM PEAK HOUR

FEASIBILITY STUDY, FALMOUTH, MAINE