Constitution Pipeline: Analysis of Routing within the I-88 Controlled Access Area

I. Study Objectives and Scope of Work

a) Determine if the pipeline is physically constructable within the modifications of Alternative M described in IV(a) below and depicted on Maps 1 and 2. The goal of these modifications is to reduce environmental impacts.

b) Determine where potential placement in the I-88 controlled access area would reduce the amount of side-slope construction or provide other engineering and environmental benefits over the existing Alternative M configuration. This analysis should be limited to those areas identified in IV(b) below and should address the parameters listed in Table 3.4.1-2 of the DEIS (page 3-34 and 3-35).

c) Determine the constructability of necessary access roads to those portions of the potential modifications identified in a) and b), above.

II. Geographic Scope

a) The geographic scope of this study will include the controlled access areas on the eastern and western side of I-88, potential highway cross-over sites, and potential modifications of Alternative M that would reduce forest impacts, including interior forests. Work should focus on the segments described in IV below and depicted on the attached maps.

III. Presentation of Results

Provide written reports to include the following elements:

a) A re-designed Alternative M to include, wherever practicable, those portions of the I-88 controlled access area and other modifications identified in the Study Objectives described above. Include two mapsets at 1:10,000 scale that show the currently proposed and the re-designed Alternative M together with: a mapset using aerial photography as the base; and a separate mapset using USGS quadrangle maps as the base.

b) Compare the re-designed Alternative M to the currently proposed Alternative M according to parameters used in DEIS Tables 3.4.1-2 through 3.4.1-6.

c) A table similar to Table 3.4.1-2 with a column for preferred route, existing Alternative M, and revised Alternative M using I-88 controlled access areas and other modifications.

IV. Evaluation Parameters

a) Evaluate the constructability of rerouting Alternative M in each of the following areas, as depicted on Maps 1 and 2:

Between C and D, as shown by the orange line on the map

Between F and G, as shown by the orange line on the map

Between H and the currently proposed Alternative M line (approximately location I)

Between K and the currently proposed Alternative M line (approximately location J)

b) Evaluate constructability and benefits of placing the pipeline in the I-88 controlled access area in any locations, between each of the following points depicted on Maps 1 and 2, where doing so will enhance constructability and avoid obstacles including steep side slopes.

A and B

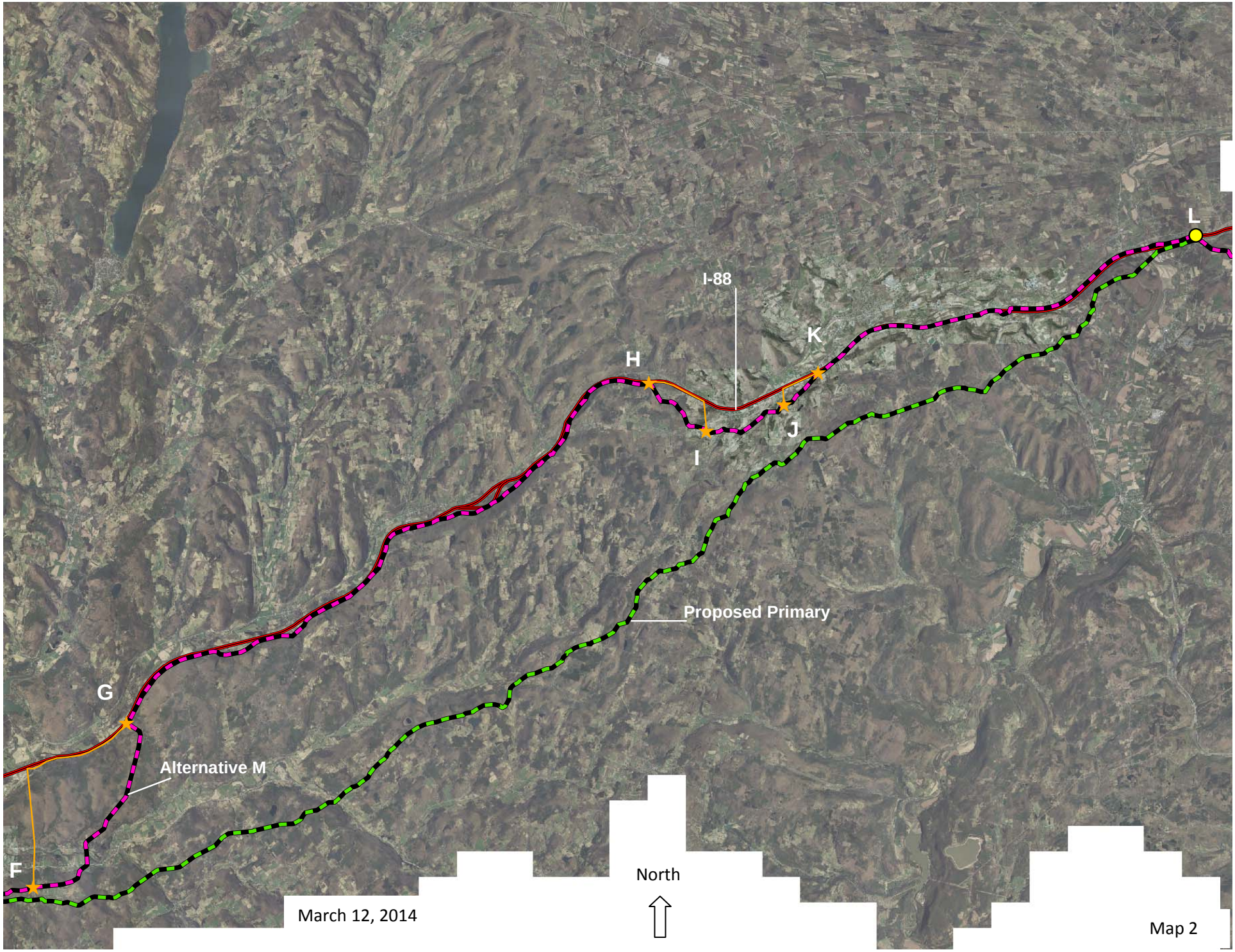
D and E

G and H

K and L

March 12, 2014

Map 1


L
I-88
K
H
J
I
Proposed Primary
G
Alternative M
F
North
March 12, 2014
Map 2