

Community Advisory Group MODA evaluation results

Updated: 10/9/14

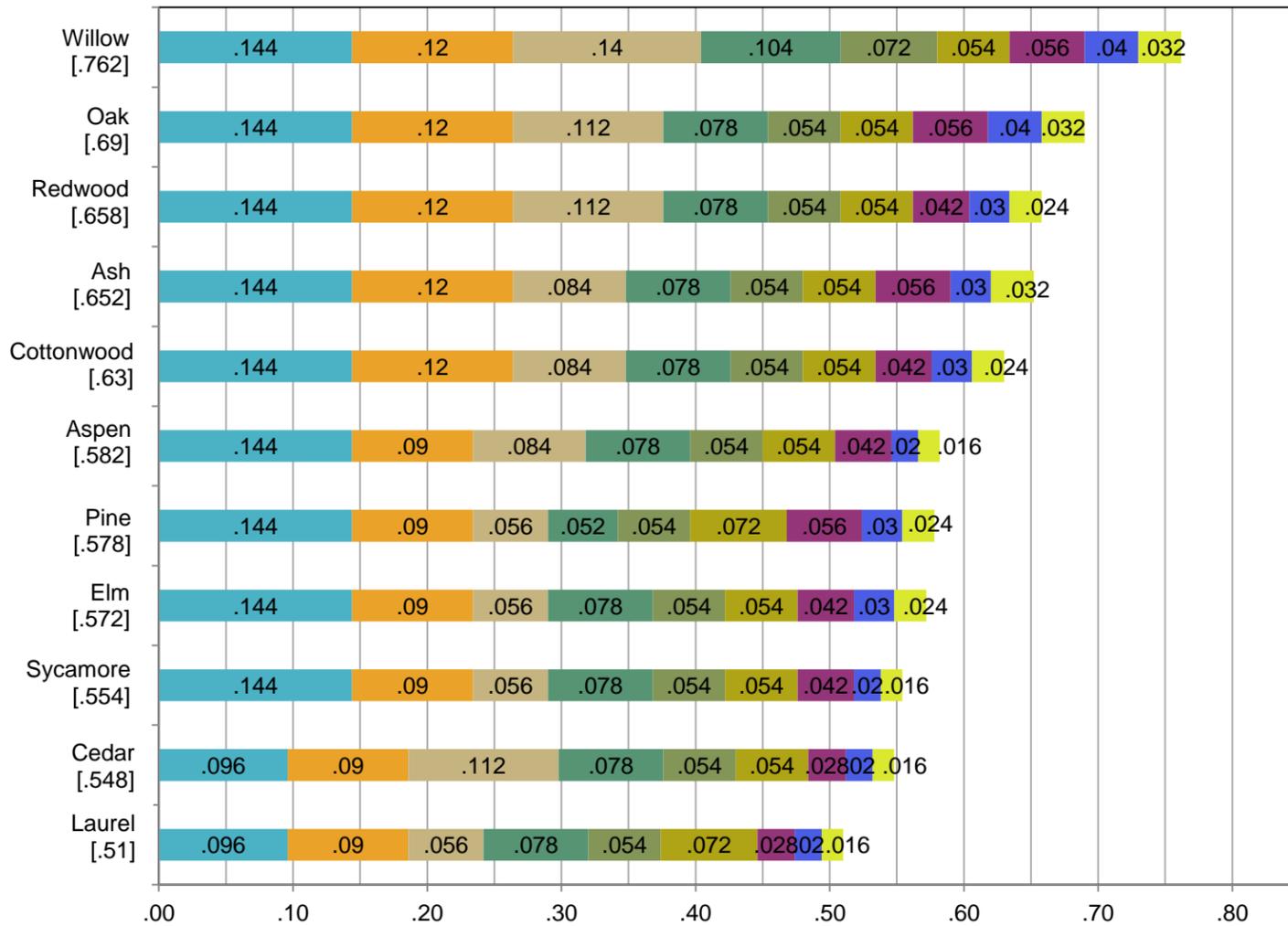
Overview

Between Oct. 2 and Oct. 6, 2014, Community Advisory Group members completed individual evaluations of 11 route options as part of a Multi-Objective Decision Analysis (MODA). A total of 19 out of 24 advisory group members completed the evaluation. In advance of completing their evaluations, the advisory group decided at their meeting on Oct. 1 to score the 11 route options recommended for further evaluation with nine weighted evaluation factors using two sets of weighted values – one determined by the advisory group and another determined by community members via the summer 2014 feedback survey.

The figures below present the MODA results by route option, first using the advisory group weighting and second the community survey weighting. Within the results bar for each route option, colors represent the evaluation factors and show the advisory group's averaged and weighted score for each factor. A higher number equals a better score. Weighting percentages are shown in the weighting keys.

Advisory group weighting

The figure below shows the advisory group's overall MODA evaluation results using the advisory group weighted values.

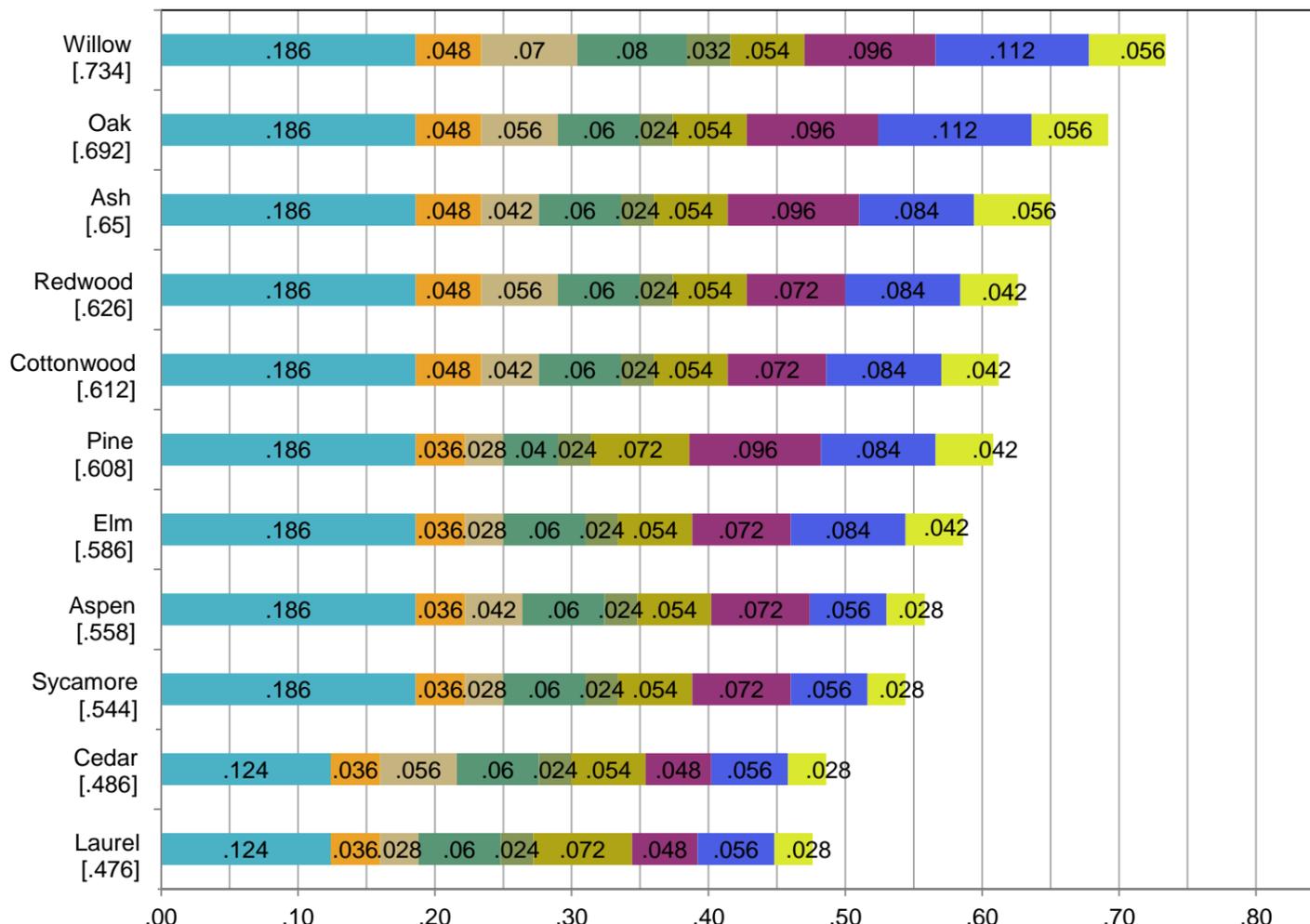


Weighting key:

- Avoids residential areas (24%)
- Maximizes opportunity areas (15%)
- Least cost to the rate payer (14%)
- Avoids sensitive community land uses (13%)
- Maximizes longevity (9%)
- Protects health and safety (9%)
- Avoids sensitive environmental areas (7%)
- Avoids impacts to aesthetics (5%)
- Protects mature vegetation (4%)

Community survey weighting

The figure below shows the advisory group's overall MODA evaluation results using the community survey weighted values.



Weighting key:

- Avoids residential areas (31%)
- Maximizes opportunity areas (6%)
- Least cost to the rate payer (7%)
- Avoids sensitive community land uses (10%)
- Maximizes longevity (4%)
- Protects health and safety (9%)
- Avoids sensitive environmental areas (12%)*
- Avoids impacts to aesthetics (14%)
- Protects mature vegetation (7%)*

* Note: Transparent Choice, the online MODA software used to compile and calculate results, can only use weighting values that are whole numbers. As a result, the evaluation factors "Avoids sensitive environmental areas" and "Protects mature vegetation" were rounded to the nearest whole number.