Accepted Manuscript

A Capacity Assessment Approach for Multi-Modal Transportation Systems

Bayan Bevrani , Robert L. Burdett , Ashish Bhaskar , Prasad K.D.V. Yarlagadda

PII: S0377-2217(17)30435-6
DOI: 10.1016/j.ejor.2017.05.007
Reference: EOR 14435

To appear in: *European Journal of Operational Research*

Received date: 4 October 2016
Revised date: 30 April 2017
Accepted date: 4 May 2017

Please cite this article as: Bayan Bevrani , Robert L. Burdett , Ashish Bhaskar , Prasad K.D.V. Yarlagadda , A Capacity Assessment Approach for Multi-Modal Transportation Systems, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.05.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- A comprehensive linear programming model is developed for multi-modal transportation systems.
- The model facilitates capacity planning, assessment and querying activities.
- The model includes congestion functions and analyses structural and parametric changes
- Numerical testing indicates that real world problems can be effectively solved.
- Our methods may help transportation planners build better transportation system.

ACCEPTED MANUSCRIPT

*Corresponding Author. Tel 61 7 3138 1338. Email Address: r.burdett@qut.edu.au (R. Burdett)

Download English Version:

https://daneshyari.com/en/article/4959345

Download Persian Version:

https://daneshyari.com/article/4959345

Daneshyari.com