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CENTER FOR LOGISTICS, TRADE AND TRANSPORTATION



June 2016

Land-Use Alternatives for Transportation-Driven Economic Development Presented



Dr. Shannon Campbell presented the findings from the Marshall County Land-Use Planning project to the citizens and county supervisors of Marshall County. Collectively, a new intermodal railway facility, along with the formulation of three new major roadway infrastructure projects, is in not only increasing Marshall

County's competitive advantage in logistics and transportation, but is also creating new land-use opportunities. As a result, the [Marshall County Industrial Development Authority](#) (MCIDA) commissioned The University of Southern Mississippi (USM) and the [University of Memphis](#) to evaluate highest-and-best use alternatives of approximately 682.5 acres located in the county's Cayce Community.

The targeted area borders the northern edge of the Chickasaw Industrial Park and consists of both residential and commercial properties. Two highest-and-best use alternatives emerged from various possibilities of land redevelopment based upon the primary and secondary data analyzed. First, the location of the targeted acreage is opportunistic for growth in industrial development particularly focused in logistics and transportation. The second alternative emerged as the repurposing of acreage for commercial, retail trade, medical, and recreational development. The research focused on an analysis of market, political, and financial feasibility needed by MCIDA and the Cayce Community residents, and thus allowing them to make informed decisions about long-term strategies for the property.

LTT Student Achievements



Logistics, Trade and Transportation (LTT) graduate student Salahuddin Ayuby presented two research papers at the Institute of Industrial & Systems Engineering Research Conference (ISERC) 2016 in Anaheim, California on May 22 & 23. He has been working as a graduate research assistant

since 2015 under Dr. MD Sarder. Mr. Ayuby worked on several funded grants including "Assessing the Learning Gains of Manufacturing Students in an Integrated Hands-on Curriculum" funded by [National Science Foundation](#) (NSF) and "Reshoring & Its impact on US Transportation" funded by US Department of Transportation under the supervision of Dr. Sarder. Mr. Ayubi was awarded an NSF travel grant to participate this conference. Mr. Ayubi is with other NSF grant winners and ISERC 2016 chairs.

LTT graduate student Jubaer Ahmed also presented a research paper at the Institute of Industrial & Systems Engineering Research Conference (ISERC) 2016 in Anaheim, California on May 22. He worked on a research project and developed an Inventory Model for

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UPCOMING EVENTS

[2017 TRB Annual Meeting](#)
Washington, DC
January 8-12, 2017



[Manufacturing Engineer](#)
Rolls-Royce
Pascagoula, MS

[MDA Project Manager I](#)
Jackson, MS in Hinds County

[Logistics Manager](#)
Murray Resources
Houston, TX

[Supply Chain Manager](#)
Microsoft
Redmond, WA

[International Transportation Manager](#)
Feld Entertainment
Palmetto, FL

[Account Executive](#)
PCC Logistics
Oakland, CA

Internship Opportunities for IET & LTT students with Raytheon Company in Forest, MS. Contact Dr. MD Sarder (md.sarder@usm.edu) for more details.

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Multi-stage Supply Chain to minimize cost and improve customer service level.

Faculty Focus



Dr. Sarder, an associate professor and program coordinator of LTT program, served as chair of the Institute of Industrial & Systems Engineering Research Conference (ISERC) 2016 in Anaheim, California, May 21-24. The ISERC is the premier conference within the Industrial and Systems Engineering

discipline. This conference attracted about 2,000 industrial and Systems Engineering students and professionals from more than 30 countries.

The conference offered more than 250 research sessions, 40 applied sessions, 60 joint sessions, and 31 panel sessions concurrently in 21 rooms for three full days. The keynote speakers included Mr. Brian Betts, Vice president of operations planning and insights, Walt Disney Parks & Resorts and Dr. Phil Kaminsky, Professor and Chair of Industrial Engineering and Operations Research, University of California, Berkeley. Please find more information here <http://www.iienet2.org/annual2/>.



Intermodal Rail: Moving in the Right Direction



As shippers continue to increase demand for supply chain efficiency and speed, and focus their attention on improving the environment by reducing emissions as much as possible, U.S.-based transportation organizations are investing considerable funds in either developing or restoring their rail/intermodal infrastructure.

Currently, the United States is home to approximately 1,100 intermodal facilities, including container yards, depots, and rail terminals, according to the Intermodal Association of North America. This aggregate, especially for rail terminals, is expected to rise in the coming years.

"Intermodal infrastructure investments will create new services and open new opportunities to reach a broader array of shippers in traditionally under-served areas," says Phil Shook, director of North America intermodal services for Eden Prairie, Minn.-based third-party logistics (3PL) provider C.H. Robinson. "These investments are planned to help make intermodal a more attractive option for shippers, limiting the number of miles freight has to travel by truck after reaching the intermodal terminal. For more details click <http://www.inboundlogistics.com/cms/article/intermodal-rail-intermodal-rail-moving-in-the-right-direction/>.