

Building Experience; Delivering Value



Neil Bennett

10th International Low Volume Road
Conference – Orlando, Florida, USA
24 – 27 July 2011
Report Back

Road Asset Manager, Fulton Hogan

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ROAD ENGINEERING ASSOCIATION OF ASIA & AUSTRALASIA (NZ)



Venue: Hilton Disney World - Orlando

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ROAD ENGINEERING ASSOCIATION OF ASIA & AUSTRALASIA (NZ)

239 Delegates

26 Countries and **6** Continents Represented

90 Papers presented

44 by US authors, **46** by reps from **18** Countries

Conference held every **4** years since **1975**

2015 to be in Pittsburgh

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HOME PAGE TODAY'S PAPER VIDEO MOST POPULAR TIMES TOPICS

The New York Times

N.Y. / Region

WORLD U.S. N.Y. / REGION BUSINESS TECHNOLOGY SCIENCE HEALTH SPORTS

The Heat Starts Early, Then Breaks a Record

By ELIZABETH A. HARRIS
Published: July 22, 2011

The temperature climbed to 104 in New York City — 2 degrees shy of the city's record — and 108 in Newark, the highest temperature ever recorded there, as a heat wave around the region intensified on Friday afternoon.

[Enlarge This Image](#)



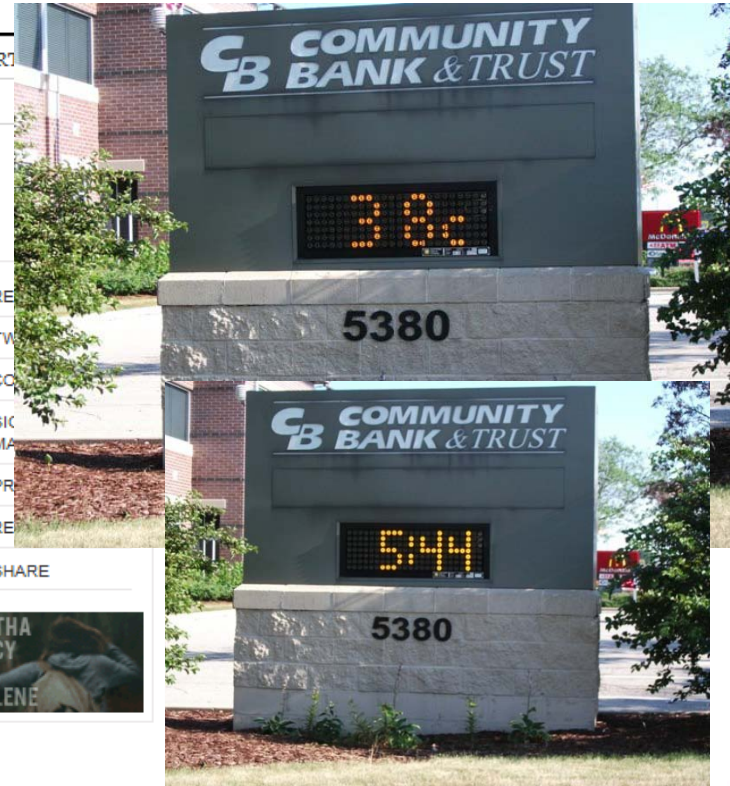
Raymond McCrea Jones/The New York Times

New Yorkers commuters around 9 a.m. on Friday. [More Photos](#) »

It was 2:10 p.m. when the temperature in Central Park reached 104 degrees, soaring past the local record for July 22, set at 101 degrees in 1957, and getting close to 106, the city record, which was last reached in 1936. (The last time it was 104 was in July 1977.) The record temperature in Newark had been 105 degrees, set in 2001.

On Friday, according to the National Weather Service, it felt like 112 degrees in New York City.

- RE
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Amid New Talks, Some Optimism on Debt Crisis



City Room

July 25, 2011, 2:33 PM

Debt Crisis Has Already Hurt Economy, Bloomberg Says

By JAVIER C. HERNANDEZ

Mayor Michael R. Bloomberg, in a blistering critique of Washington politics, will argue on Monday that the failure of national leaders to reach an agreement on the debt ceiling has done significant damage to the economy.

He will not name names, Mr. Bloomberg, in a speech in Midtown Manhattan, will indirectly criticize President Obama and Congressional leaders, arguing they have behaved irresponsibly and rationally.

“The United States of America has come very close to defaulting on its debts — a failure that would have potentially disastrous economic consequences for us all, including New Yorkers — ought to be all the evidence anyone needs that there’s something profoundly wrong in Washington,” Mr. Bloomberg will say, according to the written version of his speech.



James Estrin/The New York Times
Mayor Michael R. Bloomberg

The Caucus

The Politics and Government Blog of The Times

July 29, 2011, 9:34 AM

Obama to Speak on Debt Crisis

By THE NEW YORK TIMES

President Obama will deliver a statement about the debt-ceiling fight at 10:20 a.m. at the White House. His appearance will start what is sure to be an eventful day in the partisan showdown over the budget, with the clock ticking toward midnight on Tuesday, when the government will exhaust its ability to pay all its bills without additional borrowing.

It is not clear whether Mr. Obama intends merely to exhort Congress or to put any new proposal on the table. On Capitol Hill, House Republican leaders continue to scramble to find the votes they need to pass their version of legislation to cut spending and increase the debt ceiling.

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My perceptions of the issues facing USA

- Money (or the lack of it)



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Pre Conference Workshop

Morning – Earthquakes – Chile, Haiti and
Canterbury

Afternoon – Gravel Road Management

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With concurrent sessions (and only one of me)
hard to report back on many of the topics

-I attended mainly the Pavement Management
sessions

-Also attended the stabilisation sessions when
possible

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Many of the topics I attended have been covered by our key note speaker – Ken Skorseth

New Zealand lead the way in many areas

Envious of standard systems like RAMM and dTims

A luxury brought about by our small size – not 50 states

Accelerating Technology and Innovation Deployment

Every Day Counts is designed to identify and deploy innovation aimed at shortening project delivery, enhancing the safety of our roadways, and protecting the environment.



<http://www.fhwa.dot.gov/everydaycounts/>

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“Every Day Counts is not about inventing the next “big thing.” It’s about taking effective, proven and market ready technologies and getting them into widespread use.

By advancing 21st century solutions, we can improve safety, reduce congestion and keep America moving and competitive.”



EXAMPLE:

Ancient Secrets, Modern Science:
Geosynthetic Reinforced Soil (GRS)
Integrated Bridge System (IBS)

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Component 1: Reinforced Soil Foundation



GRS–IBS is a form accelerated bridge construction that lowers cost, slashes construction time, improves durability, and increases safety — all at the same time. For budget–challenged Federal, State, and local transportation agencies, that is a life-saver.

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Component 2: GRS Abutment



GRS-IBS technology uses alternating layers of compacted granular fill material and fabric sheets of geotextile reinforcement to provide support for the bridge. GRS-IBS also provides a smooth transition from the bridge onto the roadway, and alleviates the "bump at the bridge" caused by uneven settlement between the bridge and approaching roadway

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Component 3: GRS Approach



- Reduced construction time and cost, with costs reduced 25 to 60 percent from conventional construction methods.
- Easy to build with common equipment and materials; easy to maintain because of fewer parts.
- Flexible design that's easily modified in the field for unforeseen site conditions, including utilities, obstructions, existing structures, variable soil conditions, and weather.

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Summary

To me it is all about information sharing and networking.

All the best information we can find from around the world is on www.roads.co.nz

Help us to keep it current and share with us anything that you can find.