Knowledge Management for Transportation Engineering Firms

Session 6B: Planning the Future of Transportation Using Mobility as a Service & Other Techniques
We need to ensure that knowledge stays in the firm when people retire or move on.

Our employees need to be able to advance their careers in real-time, & in personal interest areas.

What if we could reduce the time to integrate new hires, & see them adding value sooner.

To stay competitive, we need more collaboration on our business & innovation strategies.

We have an intranet, asset management, & CRM systems, but staff still have trouble being “in the know.”

Many of our competitors are employing KM strategies. Can we afford not to have one?
Intranet

Asset Management

CRM

Related to, but not KM
What Do We Mean By KM?

Knowledge Management captures and reuses a firm’s collective wisdom for daily use.
Informal discussions & idea sharing

A Key Place to Find KM Value
Culture + Technology
What Value Does KM Bring?

• Influence from anywhere
• The value of discovery
• Improved quality of consulting
• Insights available for next month’s hires
• Equal opportunity for all of the “verts”
• Answers to questions, with firmwide perspective
• Innovating, with firmwide collaboration
• Identify content for external promotions
• Break down silos
Knowledge Management for Transportation Engineering Firms

Corey Connors
Director of Communications, Fehr & Peers

2017 ITE Western District Annual Meeting
Session 6B: Planning the Future of Transportation Using Mobility as a Service and Other Techniques
• 180 EEs
• 10 offices in 4 states
• 6 Discipline Groups (DGs)
• Email, phones, 1-way intranet
• Empower each other
• Supportive CEO

• Considering our first merger (+28%)
• 3 Emerging DGs
### HCM Roundabout Capacity Equation Parameters

The following table lists the parameters used in various versions of the Highway Capacity Manual’s roundabout capacity equation. These values can be adjusted in the analysis software (Synchro, Vistro, etc.) as needed. Parameter / Configuration HCM 2010 Chapter 21 California Adjustment HCM 2010, Chapter 33 HCM 6th Edition Chapter 22...

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parameter1</td>
<td>Value1</td>
</tr>
<tr>
<td>Parameter2</td>
<td>Value2</td>
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</tbody>
</table>

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**Modified by David Stanek · 4 days ago**

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### Research on Headways_FINAL.pdf

Published values for HCM 2010 roundabout capacity parameters. Prepared for Denver project in 2012. Contact Lynn Jacobs

[PDF Document]