

# Iowa DOT

**Matt Haubrich**

Peer Exchange - Integrating Risk Management in Transportation Asset Management Programs

# TAM and ERM at Iowa DOT

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ENTERPRISE RISK MANAGEMENT PEER  
EXCHANGE  
MINNEAPOLIS, MN

# Relationship of Transportation Asset Management to Performance Management

## Agency Performance Management

### Operations and Finance

- Finance
- HR
- Fleet and Facilities

### Motor Vehicle

- DL
- Enforcement
- Permitting
- Etc.

### Highway Operations

- Maintenance
- Traffic Ops
- Budget
- Etc.

Etc.

## Transportation Asset Management

LPAs

Rail

Transit

Aviation

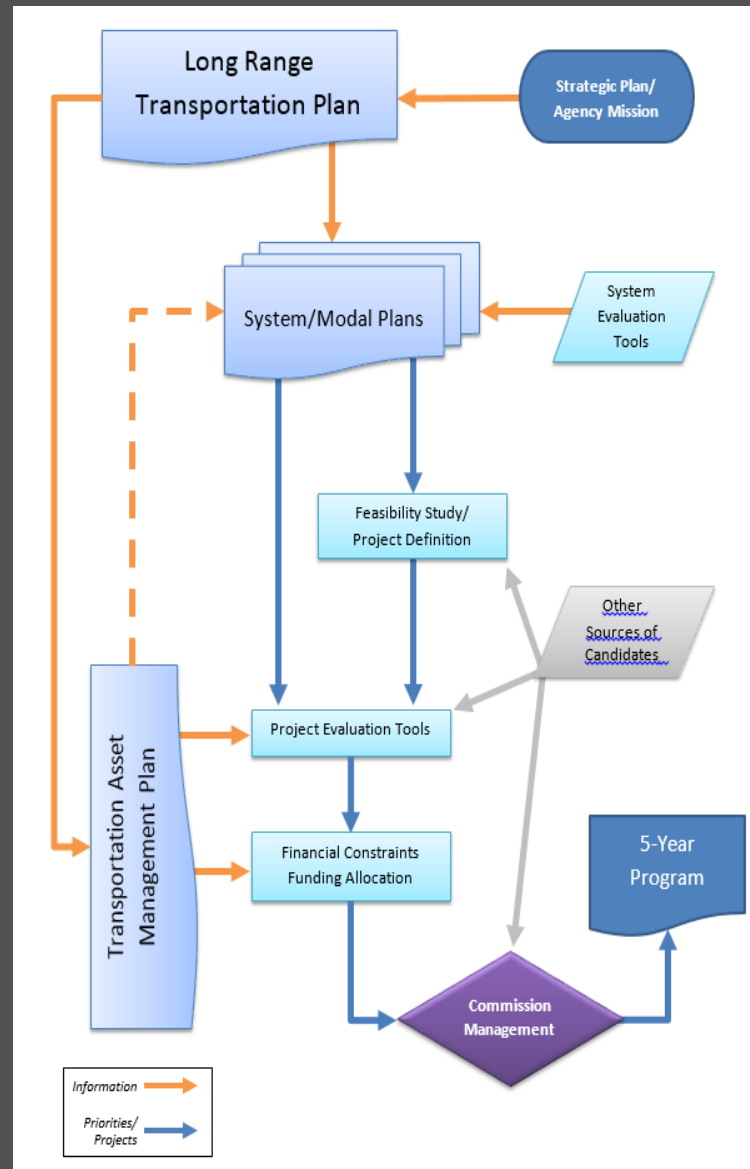
## Highway Asset Management

Highway Program

Project Delivery



# The TAMP and other Plans



# Risk Training

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BEYOND NHI

# Training at Iowa DOT

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Have had NHI twice

- Once in 2013 with previous instructor
- Once in Feb '15 with Shobna
- Plan to have it again
- Project focus

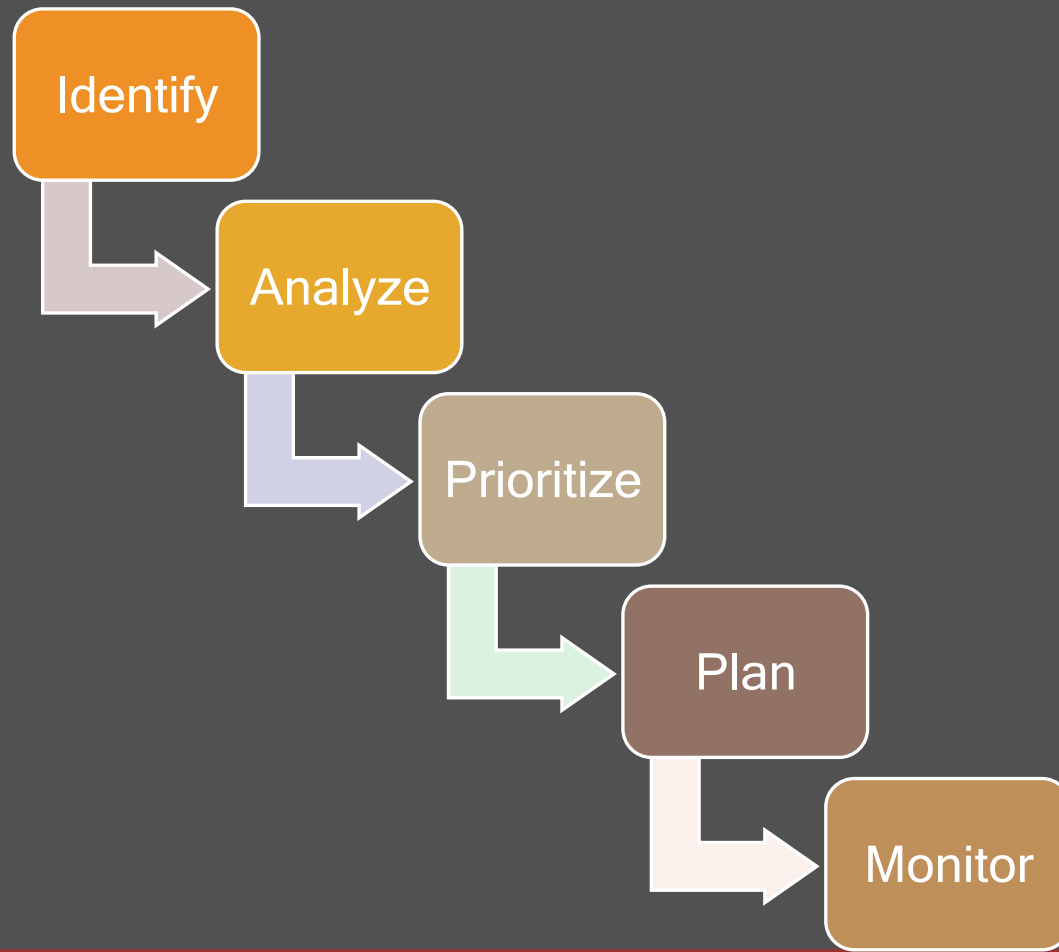
Opportunity - Asked to develop risk workshop for AM Conference in Dubai

Developed mini-course (half-day) based on NHI framework

- Distilled down to five basic steps - less than 30 slides
- Followed NHI for two reasons:
  - It was what others were likely to be familiar with
  - It was what I had most recently been exposed to
- Limited time eliminates exercises, which likely harms efficacy

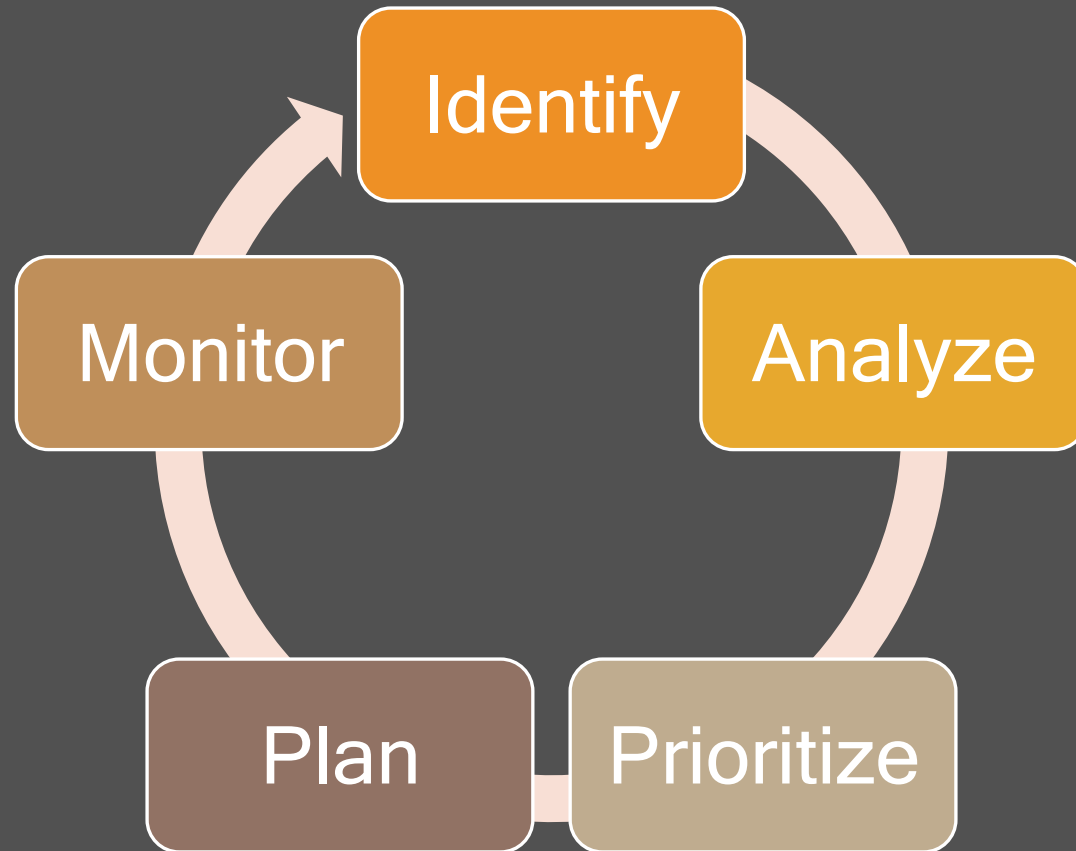
# Five basic steps

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# The Steps Become a Cycle

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# Risk in Practice

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MANAGING ASSETS

# Recent applications

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1. Identifying guardrail end terminal locations
2. Sign management practices
3. Pavement “at risk” (reserve funding needs)
4. Project management (PMP) training

# Thanks!

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Come back to Minneapolis next summer!

2016 TRB TAM Conference, July 11-12

- Data, PM and Target Setting
- TAM Implementation
- Connecting Risk and TAM
- Beyond MAP-21
- “How-to” sessions to jump-start TAM

Join the Pooled Fund!

<http://www.pooledfund.org/Details/Solicitation/1401>

Title: “2016 through 2020 Biennial Asset Management Conference and Training on Implementation Strategies”

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LinkedIn TAM Group:

<https://www.linkedin.com/groups/US-Transportation-Asset-Management-6715178>