



AMERICAN
STRUCTUREPOINT
INC.

FRESH LOOK

PERSPECTIVES FROM NEWER PROJECT MANAGERS

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PURDUE
UNIVERSITY

2017 PURDUE ROAD SCHOOL

Objectives

- Share perspectives of project management from Client and Consultant views
- Introduce the basics of project management
- Share personal lessons learned in our first few years of managing projects

Outline

- Backgrounds
- What is Project Management?
 - What did we expect
 - What is reality
- Triple Constraints
- Communication
- Level of Service
- Interacting with Stakeholders
- Lessons Learned

Backgrounds

- Kyanna
 - IUS – Bachelor's of Science Degree in Business Management and Marketing, 2015
 - INDOT Maintenance Summer Seasonal position (3 summers)
 - Project Manager at INDOT Vincennes District for 1.5 years
 - Currently manages 85 projects
- Karl
 - Purdue – B.S. Degree in Civil Engineering, 2010
 - 3 Summer internships (2x Woolpert; 1x Parsons Brinckerhoff)
 - Bridge Engineer at WSP | Parsons Brinckerhoff for 6.5 years
 - Started managing projects July 2014 at WSP | Parsons Brinckerhoff
 - Currently at American Structurepoint as a PM in the bridge group



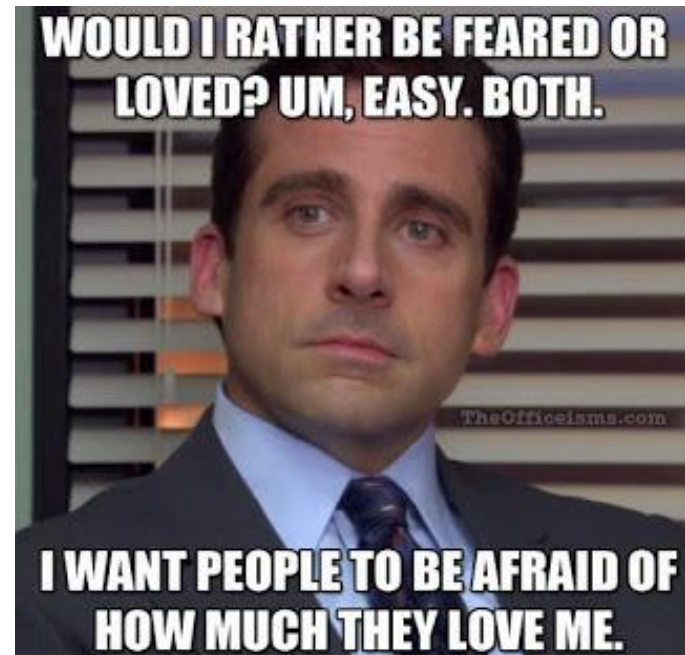
(Indiana, 2017)



(Marketing & Media, 2016)

What is Project Management?

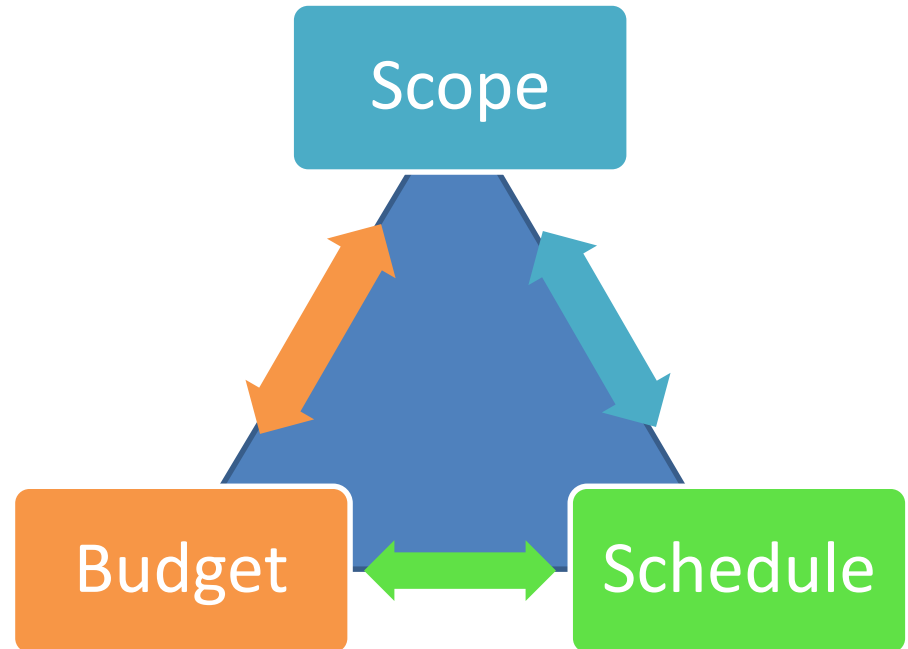
- What we expected prior to starting
- Reality
 - Impression of PM from Maintenance
 - Plans/monitors big picture
 - Project Charter, Risk, PDP
 - Motivates others
 - Delegates
 - Satisfaction from group accomplishment
 - Department heads vs PM control



("Memes," n.d.)

Triple Constraints

- Scope
- Schedule
- Budget



Communication

- Adapt style to needs
- Keep everyone in the loop
- More is typically better than less
- Bi-Weekly Updates
- Monthly coordination calls



("Change management and communication services," 2014)

Q: What are some of the best communication practices you have used that were not mentioned?

Level of Service

- Learn your client/consultant
- How to address communication issues
- Owner/Client/Consultant relationships determine success of project
 - Consultant Fair
 - Create an environment of cohesiveness

Interacting with Stakeholders

- Stakeholders
 - Construction
 - Environmental
 - Geotechnical
 - Maintenance
 - Pavement
 - Political
 - Public
 - Railroad
 - R/W
 - Signals
 - Technical Services
 - Traffic
 - Utilities
 - Mechanisms for Interaction
 - Kick Off Meetings
 - Scoping Meeting
 - Constructability Review
 - Field Checks
- Q: What are some best practices for interacting with different stakeholders?

Lessons Learned

- Always be ready for change and learn to adapt quickly
 - Funding increases/decreases
 - Politics
 - Scope Changes
- Be forgiving
- Earn influence by people skills and your efforts, not by your position
- We're all on the same team, so let's cooperate



("5 myths and realities of good teamwork," 2013)

Citations

5 myths and realities of good teamwork. (2013, December 9). Retrieved February 28, 2017, from <http://bookboon.com/blog/2013/12/5-myths-realities-good-teamwork/>

Change management and communication services. (2014, August 25). Retrieved February 27, 2017, from <http://denovati.com/change-management-communication-services>

Indiana. (2017). IU southeast: Indiana university southeast. Retrieved February 27, 2017, from <https://www.ius.edu/>

Marketing, P., & Media. (2016). Purdue university - Indiana's land Grant University. Retrieved February 27, 2017, <http://www.purdue.edu/>

Memes. Retrieved February 27, 2017, from The Office-isms, <http://www.theofficeisms.com/p/memes.html>

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