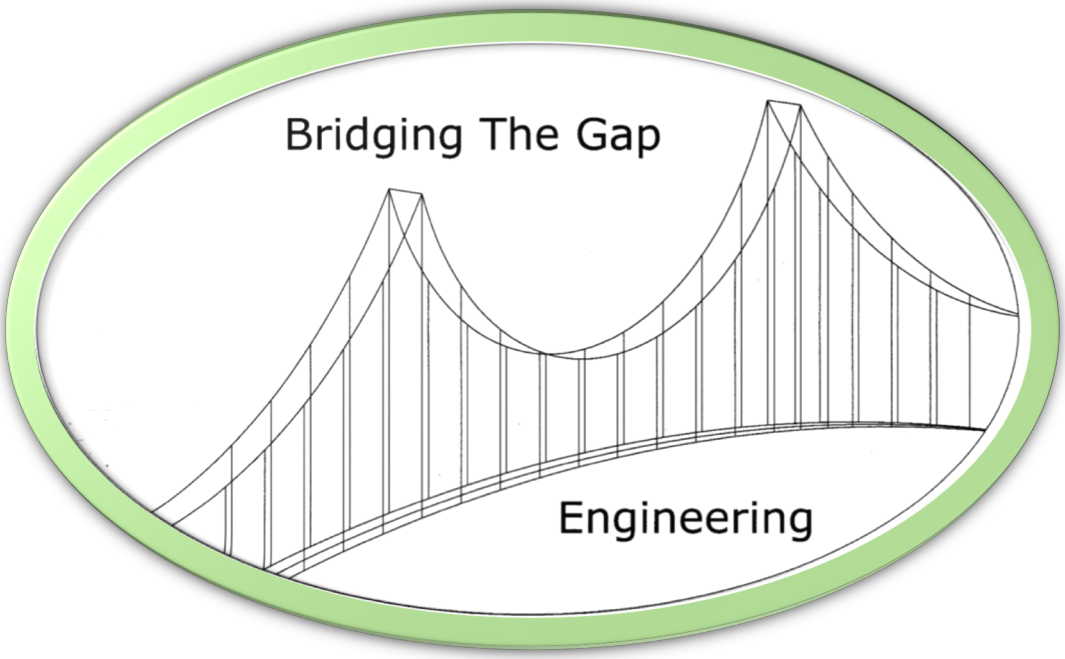


Progress Report
Week 6

Submission Date: 26 February 2019

Submitted To: Dr. Greg Michaelson
Submitted By: Natasha Napier

Table of Contents:

1. Completed Work (2/18/19-2/24/19)

- Brandon D. – Gathered manufacturer data on precast concrete girder alternatives
- Zach C. – Gathered manufacturer data on both the rolled beams with cover plates and the plate girders alternatives
- Michael – Short span bridge design research, obtaining construction cost data
- Natasha – Obtained RSMeans Heavy Construction cost data for cost estimate
- Brandon Adams – Begin incorporating cost data for estimate
- John Skaggs – Wrote RFI #1

2. Assigned Work (2/25/19-3/3/19)

- Zach C – Follow up with steel manufacturer to get rolled beam limitations, plate girder costs, and shipping costs
- Brandon D. – Follow up with concrete manufacturer to get shipping costs for alternative cost estimation
- Brandon A. – Continue preparing cost estimation
- Michael A. – CAD Prep & Formatting Alternatives PowerPoint Presentation
- Natasha – Gantt Chart preparation (with tracking), prepare alternative quantities for Brandon A.
- John Skaggs – Begin introduction of alternatives report, input alternatives report info into prepared formatting

3. Summary of Hours Worked

Hours Worked (2/25/19-3/3/19)		
Employee Name	**Hours (Weekly)**	**Hours (To Date)**
Brandon Adams	2.0	13.0
Michael Ashworth	3.0	15.0
Zach Cumm	2.0	7.0
Brandon Dial	1.0	9.0
Natasha Napier	1.50	11.0
John Skaggs	4.0	9.0
Company Total	13.50	64.00

4. Employee Timesheets

- **Brandon Adams**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
6	Feb 18 - 24	18-Feb			2.00
		19-Feb			
		20-Feb			
		21-Feb	2	MII work	
		22-Feb			
		23-Feb			
		24-Feb			

- **Michael Ashworth**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
6	Feb 18 - 24	18-Feb	1	AASHTO Research	3.00
		19-Feb	1	weekly meeting	
		20-Feb			
		21-Feb			
		22-Feb	1	AASHTO/WVDOH Research	
		23-Feb			
		24-Feb			

- **Zach Cumm**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
6	Feb 18 - 24	18-Feb	1	Cost Estimation for steel suppliers	2.00
		19-Feb	1	Group meeting	
		20-Feb			
		21-Feb			
		22-Feb			
		23-Feb			
		24-Feb			

- **Brandon Dial**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
6	Feb 18 - 24	18-Feb			1.00
		19-Feb	1	Video conference	
		20-Feb			
		21-Feb			
		22-Feb			
		23-Feb			
		24-Feb			

- **Natasha Napier**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
6	Feb 18 - 24	18-Feb	0.5	Meeting Prep	1.50
		19-Feb	1	Weekly Meeting	
		20-Feb			
		21-Feb			
		22-Feb			
		23-Feb			
		24-Feb			

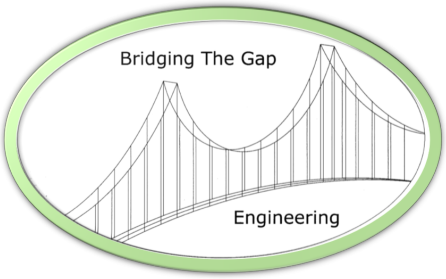
- **John Skaggs**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
6	Feb 18 - 24	18-Feb	2.5	Report formatting	4.00
		19-Feb	1.5	Virtual meeting/ RFI	
		20-Feb			
		21-Feb			
		22-Feb			
		23-Feb			
		24-Feb			

5. Meeting Minutes/Agendas

- **19 Feb – Virtual Meeting Minutes**
    - Members in attendance:
        - Michael Ashworth
        - John Skaggs
        - Natasha Napier
        - Zach C.
        - Brandon D.
        - (Brandon A. was excused)
    - Tasks that need to be accomplished:
        - John Skaggs – Write RFI #1 for submittal
        - Michael Ashworth – Perform WVDOH Research on similar bridge being constructed & gather construction cost data
        - Brandon Dial – Obtain cost data for concrete I-girder alternative from manufacturer(s)
        - Zach Cumm – Obtain cost data on steel alternatives from manufacturer(s)
            - Rolled beams with cover plates
            - Plate girders
        - Brandon Adams – Begin compiling cost data into program
        - Natasha Napier – Obtain RSMeans Heavy Construction Data
    - Scheduled Week 7 Meeting – Skype Video Conference
        - Tuesday, Feb 26th at 6:30 pm

6. Sent Correspondence – RFI #1 (See following page)



Natasha Napier
Project Manager
Bridging the Gap Engineering

Date 2/19/2019

Dr. Greg Michaelson
Principal Engineer
WV Division of Highways

Dr. Michaelson,

This letter is to address the following question which requires some context:

While conducting our preliminary design phase we have considered the following three alternatives: steel rolled beams, steel plate girders, and precast concrete girders. It has become increasingly apparent that our span length of 125 feet is becoming a limiting factor for each of these alternatives. The given span is presenting difficulties due to manufacturing limitations for the concrete beams as well as the given shipping limits. The most obvious solution to this would be to construct a pier midway through the span.

1. Given the aforementioned constraints, are we limited to a single 125 foot span or is construction of a pier with two spans an acceptable solution?

Thank you for your assistance with these matters.

Sincerely,

Natasha Napier

Natasha Napier
Project Manager

7. Received Correspondence – N/A